

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								07/09/2024		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	34.98	32.74	32.38	30.86	30.44	31.25	32.93	37.20	39.37	44.39	49.85	52.66	57.79	62.23	69.96	77.87	104.35	124.90	100.41	78.00	69.43	59.99	48.76	41.77			
		2.89	2.59	2.37	2.23	2.18	2.32	2.66	3.35	3.45	4.00	4.24	4.57	4.96	5.76	6.59	7.27	9.98	11.53	9.18	6.70	5.73	5.05	4.19	3.17			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.06	-5.72	-0.36	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	34.98	32.77	32.41	30.89	30.47	31.16	32.90	37.14	39.48	44.31	49.71	52.46	57.58	62.00	69.65	77.58	104.00	124.47	100.24	77.79	69.30	59.88	48.80	41.97			
		2.89	2.62	2.40	2.26	2.20	2.23	2.63	3.28	3.56	3.92	4.10	4.38	4.75	5.53	6.27	6.99	9.63	11.09	9.00	6.49	5.61	4.94	4.23	3.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.06	-5.72	-0.36	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	34.98	32.77	32.41	30.89	30.47	31.16	32.90	37.14	39.48	44.31	49.71	52.46	57.58	62.00	69.65	77.58	104.00	124.47	100.24	77.79	69.30	59.88	48.80	41.97			
		2.89	2.62	2.40	2.26	2.20	2.23	2.63	3.28	3.56	3.92	4.10	4.38	4.75	5.53	6.27	6.99	9.63	11.09	9.00	6.49	5.61	4.94	4.23	3.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.06	-5.72	-0.36	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON__FALLS	24011	34.40	32.28	32.08	30.52	30.13	30.84	32.29	36.05	38.36	43.10	48.34	50.97	56.21	59.57	67.56	75.46	95.08	124.49	99.89	77.50	69.68	59.66	47.82	41.43			
		2.31	2.14	2.07	1.89	1.87	1.91	2.03	2.20	2.44	2.71	2.74	2.89	3.38	3.11	4.18	4.87	5.74	7.54	7.54	6.20	5.99	4.72	3.25	2.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-9.29	-1.47	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE__RCVRY	23798	34.66	32.50	32.26	30.69	30.30	31.04	32.50	36.29	38.62	43.42	48.66	51.36	56.63	59.91	68.06	76.03	95.60	125.10	100.76	78.21	70.38	60.26	48.22	41.73			
		2.57	2.35	2.25	2.06	2.04	2.11	2.24	2.44	2.70	3.03	3.06	3.27	3.81	3.45	4.69	5.44	6.27	8.40	8.45	6.91	6.69	5.33	3.66	3.13			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	-9.04	-1.43	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS__FALLS	24028	34.40	32.28	32.08	30.52	30.13	30.84	32.29	36.05	38.36	43.10	48.34	50.97	56.21	59.57	67.56	75.46	95.08	124.49	99.89	77.50	69.68	59.66	47.82	41.43			
		2.31	2.14	2.07	1.89	1.87	1.91	2.03	2.20	2.44	2.71	2.74	2.89	3.38	3.11	4.18	4.87	5.74	7.54	7.54	6.20	5.99	4.72	3.25	2.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-9.29	-1.47	0.00	0.00	0.00	0.00	0.00			
ADK_NYS__DAM	23527	33.95	31.95	31.75	30.29	29.91	30.55	31.87	35.81	37.68	42.33	47.66	50.49	55.57	59.86	67.56	75.25	95.06	129.31	99.36	76.00	67.96	58.62	47.15	40.65			
		1.86	1.81	1.74	1.66	1.64	1.62	1.60	1.96	1.76	1.94	2.05	2.40	2.75	3.39	4.18	4.66	5.48	7.32	6.18	4.70	4.27	3.68	2.58	2.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	-14.32	-2.30	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS__DRP	24190	32.77	30.81	30.64	29.23	28.86	29.51	30.81	34.46	36.53	41.00	46.16	48.57	53.41	57.26	64.64	71.93	90.90	89.02	89.07	72.58	65.03	56.03	45.28	39.26			
		0.67	0.66	0.63	0.60	0.59	0.58	0.54	0.61	0.61	0.61	0.55	0.48	0.58	0.79	1.27	1.34	1.50	2.15	1.82	1.28	1.34	1.10	0.71	0.66			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	20.79	3.63	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	31.10	29.30	29.23	27.88	27.53	28.18	29.60	33.04	35.09	39.50	44.60	46.88	51.30	54.66	61.16	68.05	85.04	103.79	87.61	68.88	61.59	53.07	43.19	37.56			
		-0.99	-0.84	-0.78	-0.74	-0.73	-0.75	-0.67	-0.81	-0.83	-0.89	-1.00	-1.20	-1.53	-1.81	-2.22	-2.54	-3.27	-3.88	-3.27	-2.42	-2.10	-1.87	-1.38	-1.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	33.50	31.53	31.36	29.92	29.54	30.15	31.44	35.00	36.96	41.48	46.61	48.95	53.41	57.26	64.58	71.52	90.55	95.79	90.52	72.94	65.48	56.47	46.04	40.00			
		1.41	1.39	1.35	1.29	1.27	1.22	1.18	1.15	1.04	1.09	1.00	0.87	0.58	0.79	1.20	1.34	1.67	2.48	2.18	1.64	1.78	1.54	1.47	1.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	-0.57	14.35	2.54	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	33.50	31.50	31.36	29.92	29.51	30.15	31.44	35.00	36.96	41.44	46.61	48.95	53.41	57.26	64.58	71.52	90.55	95.79	90.52	72.94	65.48	56.42	45.99	40.00			
		1.41	1.36	1.35	1.29	1.24	1.22	1.18	1.15	1.04	1.05	1.00	0.87	0.58	0.79	1.20	1.34	1.67	2.48	2.18	1.64	1.78	1.48	1.43	1.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	-0.57	14.35	2.54	0.00	0.00	0.00	0.00	0.00			
ALBANY__1	23571	32.77	30.81	30.64	29.23	28.86	29.51	30.81	34.46	36.53	41.00	46.16	48.57	53.41	57.26	64.64	71.93	90.90	89.02	89.07	72.58	65.03	56.03	45.28	39.26			
		0.67	0.66	0.63	0.60	0.59	0.58	0.54	0.61	0.61	0.61	0.55	0.48	0.58	0.79	1.27	1.34	1.50	2.15	1.82	1.28	1.34	1.10	0.71	0.66			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	20.79	3.63	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.54 0.00	34.46 0.61 0.00	36.53 0.61 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.57 0.48 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.28 0.71 0.00	39.26 0.66 0.00
ALBANY___3 23573	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.54 0.00	34.46 0.61 0.00	36.53 0.61 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.57 0.48 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.28 0.71 0.00	39.26 0.66 0.00
ALBANY___4 23574	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.54 0.00	34.46 0.61 0.00	36.53 0.61 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.57 0.48 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.28 0.71 0.00	39.26 0.66 0.00
ALBANY___LFGE 323615	33.18 1.09 0.00	31.20 1.05 0.00	31.00 0.99 0.00	29.57 0.94 0.00	29.20 0.93 0.00	29.83 0.90 0.00	31.17 0.91 0.00	34.87 1.01 0.00	36.93 1.00 0.00	41.52 1.13 0.00	46.79 1.18 0.00	49.29 1.20 0.00	54.20 1.37 0.00	58.05 1.58 0.00	65.53 2.16 0.00	72.99 2.40 0.00	92.22 2.83 -1.08	111.96 3.66 -0.64	94.06 3.18 0.00	73.65 2.35 0.00	65.98 2.29 0.00	56.86 1.92 0.00	45.90 1.34 0.00	39.76 1.16 0.00
ALCOA_PA_115KV_PL-6C 55860	30.97 -1.12 0.00	29.18 -0.96 0.00	29.14 -0.87 0.00	27.80 -0.83 0.00	27.45 -0.82 0.00	28.09 -0.84 0.00	29.54 -0.73 0.00	32.94 -0.91 0.00	34.99 -0.93 0.00	39.38 -1.01 0.00	44.47 -1.14 0.00	46.69 -1.39 0.00	51.14 -1.69 0.00	54.38 -2.09 0.00	60.78 -2.60 0.00	67.63 -2.96 0.00	84.51 -3.80 0.00	103.14 -4.52 0.00	87.06 -3.82 0.00	68.52 -2.78 0.00	61.34 -2.36 0.00	52.79 -2.14 0.00	42.96 -1.60 0.00	37.45 -1.16 0.00
ALCOA_RYNLDS___DRP 24188	30.97 -1.12 0.00	29.18 -0.96 0.00	29.14 -0.87 0.00	27.80 -0.83 0.00	27.45 -0.82 0.00	28.09 -0.84 0.00	29.54 -0.73 0.00	32.94 -0.91 0.00	34.99 -0.93 0.00	39.38 -1.01 0.00	44.47 -1.14 0.00	46.69 -1.39 0.00	51.14 -1.69 0.00	54.38 -2.09 0.00	60.78 -2.60 0.00	67.63 -2.96 0.00	84.51 -3.80 0.00	103.14 -4.52 0.00	87.06 -3.82 0.00	68.52 -2.78 0.00	61.34 -2.36 0.00	52.79 -2.14 0.00	42.96 -1.60 0.00	37.45 -1.16 0.00
ALCOA___DSASP 323711	31.00 -1.09 0.00	29.18 -0.97 0.00	29.17 -0.84 0.00	27.80 -0.83 0.00	27.45 -0.82 0.00	28.09 -0.84 0.00	29.54 -0.73 0.00	32.94 -0.91 0.00	34.95 -0.97 0.00	39.38 -1.01 0.00	44.47 -1.14 0.00	46.65 -1.44 0.00	51.14 -1.69 0.00	54.44 -2.03 0.00	58.27 -2.60 2.50	58.45 -2.96 9.18	67.40 -3.79 17.11	83.61 -4.52 19.54	78.46 -3.81 8.60	68.52 -2.78 0.00	61.34 -2.36 0.00	52.74 -2.20 0.00	42.87 -1.69 0.00	37.45 -1.16 0.00
ALLEGHENY___COGEN 23514	34.05 1.96 0.00	31.56 1.42 0.00	31.27 1.26 0.00	29.66 1.03 0.00	29.37 1.10 0.00	30.27 1.33 0.00	31.72 1.45 0.00	35.21 1.36 0.00	37.57 1.65 0.00	40.11 -0.28 0.00	45.47 -0.14 0.00	47.99 -0.10 0.00	52.30 -0.53 0.00	51.50 -4.97 0.00	57.35 -6.02 0.00	64.94 -5.65 0.00	80.54 -7.77 0.00	98.62 -9.04 0.00	84.98 -5.91 0.00	69.02 -2.28 0.00	61.34 -2.36 0.00	56.97 2.03 0.00	46.26 1.69 0.00	40.04 1.43 0.00
ALTAMONT_115KV_TB 2 55880	33.15 1.06 0.00	31.17 1.02 0.00	31.00 0.99 0.00	29.60 0.97 0.00	29.23 0.96 0.00	29.89 0.95 0.00	31.17 0.91 0.00	34.90 1.05 0.00	37.00 1.08 0.00	41.48 1.09 0.00	46.75 1.14 0.00	49.24 1.15 0.00	54.15 1.32 0.00	57.99 1.52 0.00	65.34 1.96 0.00	72.74 2.12 -0.03	92.04 2.65 -1.08	100.41 3.34 10.59	91.89 2.91 1.90	73.44 2.14 0.00	65.80 2.10 0.00	56.75 1.81 0.00	45.90 1.34 0.00	39.77 1.16 0.00
ALTONA_WT_PWR 323606	31.45 -0.64 0.00	29.57 -0.57 0.00	29.47 -0.54 0.00	28.08 -0.54 0.00	27.73 -0.54 0.00	28.44 -0.49 0.00	29.93 -0.33 0.00	33.45 -0.40 0.00	35.56 -0.36 0.00	40.11 -0.28 0.00	45.34 -0.27 0.00	46.55 -1.54 0.00	50.50 -2.32 0.00	53.65 -2.82 0.00	57.17 -3.61 2.59	56.84 -4.23 9.52	65.18 -5.39 17.74	80.84 -6.57 20.25	76.51 -5.45 8.92	67.38 -3.92 0.00	60.45 -3.25 0.00	51.86 -3.08 0.00	42.65 -1.92 0.00	37.87 -0.73 0.00
AMERICAN_REF_FUEL 24010	31.77 -0.32 0.00	29.39 -0.75 0.00	29.11 -0.90 0.00	27.65 -0.97 0.00	27.33 -0.93 0.00	28.15 -0.78 0.00	29.39 -0.88 0.00	32.36 -1.49 0.00	35.20 -0.72 0.00	38.94 -1.45 0.00	44.79 -0.82 0.00	47.22 -0.86 0.00	51.56 -1.27 0.00	54.89 -1.58 0.00	60.71 -2.66 0.00	68.90 -1.69 0.00	85.84 -2.47 0.00	103.46 -4.20 0.00	87.79 -3.09 0.00	69.59 -1.71 0.00	60.51 -3.18 0.00	52.74 -2.20 0.00	43.10 -1.47 0.00	37.87 -0.73 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.57 1.48 0.00	30.93 0.78 0.00	30.58 0.57 0.00	28.97 0.34 0.00	28.61 0.34 0.00	29.48 0.55 0.00	30.90 0.64 0.00	34.39 0.54 0.00	37.32 1.40 0.00	41.60 1.21 0.00	48.07 2.46 0.00	50.83 2.74 0.00	55.57 2.75 0.00	59.35 2.88 0.00	65.53 2.16 0.00	74.05 3.46 0.00	92.19 3.88 0.00	110.46 2.79 0.00	93.97 3.09 0.00	74.43 3.13 0.00	64.65 0.96 0.00	56.31 1.37 0.00	45.99 1.43 0.00	40.38 1.78 0.00
ARTHUR KILL_GT_1 23520	34.95 2.86 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.04 2.11 0.00	32.69 2.42 0.00	36.92 3.08 0.01	37.33 3.23 1.82	37.67 3.68 6.39	40.38 3.74 8.96	40.26 3.89 11.72	40.24 4.17 16.76	41.21 5.02 20.28	46.34 5.26 22.29	54.34 5.93 22.18	80.95 8.66 16.02	97.72 10.01 19.96	77.17 8.09 21.80	54.75 5.71 22.25	46.30 4.78 22.18	46.04 4.56 13.45	40.00 4.06 8.63	37.66 3.28 4.22
ARTHUR_KILL_2 23512	34.83 2.73 -0.01	32.65 2.50 -0.01	32.30 2.28 -0.01	30.78 2.15 0.00	30.33 2.06 0.00	30.93 1.99 0.00	32.56 2.30 0.00	36.79 2.94 0.01	37.19 3.09 1.82	37.51 3.51 6.39	40.20 3.56 8.96	40.07 3.70 11.72	40.03 3.96 16.76	40.93 4.74 20.28	46.03 4.95 22.29	53.98 5.58 22.18	80.41 8.12 16.02	97.07 9.36 19.96	76.62 7.54 21.80	54.32 5.28 22.25	45.98 4.46 22.18	45.77 4.29 13.45	39.78 3.83 8.63	37.51 3.13 4.22
ARTHUR_KILL_3 23513	34.60 2.50 0.00	32.38 2.23 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.08 1.81 0.00	30.87 1.94 0.00	32.50 2.24 0.00	36.66 2.81 0.00	36.98 2.87 1.81	37.32 3.31 6.39	39.98 3.33 8.96	39.98 3.61 11.72	39.98 3.91 16.76	40.83 4.63 20.27	46.35 5.26 22.28	54.21 5.79 22.18	80.33 8.04 16.01	97.08 9.36 19.95	76.54 7.45 21.79	54.41 5.35 22.24	46.12 4.59 22.17	45.62 4.12 13.44	39.47 3.52 8.62	37.09 2.70 4.22

ARTHUR_KILL_COGEN 323718	34.95 2.86 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.04 2.11 0.00	32.69 2.42 0.00	36.92 3.08 0.01	37.33 3.23 1.82	37.67 3.68 6.39	40.38 3.74 8.96	40.26 3.89 11.72	40.24 4.17 16.76	41.21 5.02 20.28	46.34 5.26 22.29	54.34 5.93 22.18	80.95 8.66 16.02	97.72 10.01 19.96	77.17 8.09 21.80	54.75 5.71 22.25	46.30 4.78 22.18	46.04 4.56 13.45	40.00 4.06 8.63	37.66 3.28 4.22
ASHOKAN____ 23654	34.28 2.18 0.00	32.28 2.14 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.73 1.79 0.00	32.05 1.79 0.00	35.07 1.22 0.00	37.10 1.18 0.00	41.60 1.21 0.00	46.93 1.32 0.00	49.14 1.06 0.00	54.52 1.69 0.00	58.28 1.81 0.00	65.78 2.41 0.00	74.73 4.52 0.39	94.24 6.01 0.08	102.07 7.97 13.56	95.64 7.09 2.33	75.22 3.92 0.00	67.20 3.50 0.00	57.84 2.91 0.00	47.06 2.49 0.00	41.00 2.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.79 2.94 0.01	39.00 3.09 0.01	43.86 3.47 0.01	49.11 3.51 0.01	51.73 3.65 0.01	56.73 3.91 0.01	61.14 4.68 0.01	68.50 5.13 0.01	76.30 5.72 0.01	102.76 8.39 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.90 3.28 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.79 2.94 0.01	39.00 3.09 0.01	43.86 3.47 0.01	49.11 3.51 0.01	51.73 3.65 0.01	56.73 3.91 0.01	61.14 4.68 0.01	68.50 5.13 0.01	76.30 5.72 0.01	102.76 8.39 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.90 3.28 -0.01
ASTORIA_GT2_1 24094	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT2_2 24095	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT2_3 24096	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT2_4 24097	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT3_1 24098	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT3_2 24099	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT3_3 24100	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT3_4 24101	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT4_1 24102	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT4_2 24103	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT4_3 24104	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01

ASTORIA_GT4_4 24105	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.15 3.23 0.01	43.86 3.47 0.00	49.12 3.51 0.00	51.74 3.65 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.57 5.20 0.00	76.38 5.79 0.00	102.85 8.48 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.94 3.32 -0.01
ASTORIA_GT_1 23523	35.08 2.99 -0.01	32.87 2.71 -0.01	32.48 2.46 -0.01	30.95 2.32 0.00	30.50 2.23 0.00	31.07 2.14 0.00	32.71 2.45 0.00	36.92 3.08 0.01	39.15 3.23 0.01	44.02 3.64 0.01	49.25 3.65 0.01	51.93 3.85 0.01	56.94 4.12 0.01	61.37 4.91 0.01	68.75 5.38 0.01	76.58 6.00 0.01	103.11 8.74 -6.06	123.39 10.01 -5.72	99.32 8.09 -0.36	76.93 5.63 0.00	68.40 4.71 0.01	59.22 4.29 0.00	48.62 4.06 0.00	42.01 3.40 -0.01
ASTORIA_GT_10 24110	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.93 2.00 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.09 3.30 -0.86	43.95 3.55 0.00	49.21 3.60 0.00	51.84 3.75 0.00	56.84 4.01 0.00	61.21 4.74 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.85 9.47 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.27 4.59 0.01	59.06 4.12 0.00	48.36 3.79 0.00	41.74 3.13 -0.01
ASTORIA_GT_11 24225	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.93 2.00 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.09 3.30 -0.86	43.95 3.55 0.00	49.21 3.60 0.00	51.84 3.75 0.00	56.84 4.01 0.00	61.21 4.74 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.85 9.47 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.27 4.59 0.01	59.06 4.12 0.00	48.36 3.79 0.00	41.74 3.13 -0.01
ASTORIA_GT_12 24226	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.93 2.00 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.09 3.30 -0.86	43.95 3.55 0.00	49.21 3.60 0.00	51.84 3.75 0.00	56.84 4.01 0.00	61.21 4.74 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.85 9.47 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.27 4.59 0.01	59.06 4.12 0.00	48.36 3.79 0.00	41.74 3.13 -0.01
ASTORIA_GT_13 24227	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.93 2.00 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.09 3.30 -0.86	43.95 3.55 0.00	49.21 3.60 0.00	51.84 3.75 0.00	56.84 4.01 0.00	61.21 4.74 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.85 9.47 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.27 4.59 0.01	59.06 4.12 0.00	48.36 3.79 0.00	41.74 3.13 -0.01
ASTORIA_GT_5 24106	35.08 2.98 -0.01	32.87 2.71 -0.01	32.48 2.46 -0.01	30.95 2.32 0.00	30.50 2.23 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.25 3.34 0.01	43.99 3.59 0.00	49.26 3.65 0.00	51.89 3.80 0.00	56.95 4.12 0.00	61.32 4.86 0.00	68.76 5.39 0.00	76.59 6.00 0.00	103.11 8.74 -6.06	123.28 9.90 -5.72	99.33 8.09 -0.36	76.93 5.63 0.00	68.46 4.78 0.01	59.17 4.23 0.00	48.58 4.01 0.00	42.01 3.40 -0.01
ASTORIA_GT_7 24107	35.08 2.98 -0.01	32.87 2.71 -0.01	32.48 2.46 -0.01	30.95 2.32 0.00	30.50 2.23 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.25 3.34 0.01	43.99 3.59 0.00	49.26 3.65 0.00	51.89 3.80 0.00	56.95 4.12 0.00	61.32 4.86 0.00	68.76 5.39 0.00	76.59 6.00 0.00	103.11 8.74 -6.06	123.28 9.90 -5.72	99.33 8.09 -0.36	76.93 5.63 0.00	68.46 4.78 0.01	59.17 4.23 0.00	48.58 4.01 0.00	42.01 3.40 -0.01
ASTORIA_GT_8 24108	35.08 2.98 -0.01	32.87 2.71 -0.01	32.48 2.46 -0.01	30.95 2.32 0.00	30.50 2.23 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.25 3.34 0.01	43.99 3.59 0.00	49.26 3.65 0.00	51.89 3.80 0.00	56.95 4.12 0.00	61.32 4.86 0.00	68.76 5.39 0.00	76.59 6.00 0.00	103.11 8.74 -6.06	123.28 9.90 -5.72	99.33 8.09 -0.36	76.93 5.63 0.00	68.46 4.78 0.01	59.17 4.23 0.00	48.58 4.01 0.00	42.01 3.40 -0.01
ASTORIA___2 24149	34.99 2.89 -0.01	32.81 2.65 -0.01	32.42 2.40 -0.01	30.89 2.26 0.00	30.44 2.18 0.00	31.02 2.08 0.00	32.65 2.39 0.00	36.82 2.98 0.01	39.04 3.12 0.01	43.90 3.51 0.01	49.11 3.51 0.01	51.78 3.70 0.01	56.78 3.96 0.01	61.14 4.68 0.01	68.56 5.20 0.01	76.38 5.79 0.01	102.76 8.39 -6.06	122.96 9.58 -5.72	98.96 7.72 -0.36	76.65 5.35 0.00	68.21 4.52 0.01	59.06 4.12 0.00	48.49 3.92 0.00	41.94 3.32 -0.01
ASTORIA___3 23516	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	31.02 2.08 0.00	32.69 2.42 0.00	36.93 3.08 0.00	39.98 3.20 -0.86	43.98 3.59 0.00	49.21 3.60 0.00	51.88 3.80 0.00	56.84 4.01 0.00	61.27 4.80 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.67 8.30 -6.06	122.96 9.58 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.28 4.59 0.01	59.11 4.17 0.00	48.40 3.83 0.00	41.74 3.13 -0.01
ASTORIA___4 23517	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.93 2.00 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.09 3.30 -0.86	43.95 3.55 0.00	49.21 3.60 0.00	51.84 3.75 0.00	56.84 4.01 0.00	61.21 4.74 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.85 9.47 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.27 4.59 0.01	59.06 4.12 0.00	48.36 3.79 0.00	41.74 3.13 -0.01
ASTORIA___5 23518	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	31.02 2.08 0.00	32.69 2.42 0.00	36.93 3.08 0.00	39.98 3.20 -0.86	43.98 3.59 0.00	49.21 3.60 0.00	51.88 3.80 0.00	56.84 4.01 0.00	61.27 4.80 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.67 8.30 -6.06	122.96 9.58 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.28 4.59 0.01	59.11 4.17 0.00	48.40 3.83 0.00	41.74 3.13 -0.01
AST_ENERGY_2_CC3 323677	34.66 2.57 0.00	32.47 2.32 0.00	32.11 2.10 0.00	30.60 1.97 0.00	30.19 1.92 0.00	30.96 2.02 0.00	32.59 2.33 0.00	36.80 2.94 0.00	38.94 3.02 0.00	43.87 3.47 0.00	49.17 3.56 0.00	51.94 3.85 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.73 6.14 0.00	102.85 8.48 -6.06	123.28 9.90 -5.72	99.14 7.90 -0.36	77.01 5.71 0.00	68.60 4.90 0.00	59.33 4.40 0.00	48.31 3.74 0.00	41.50 2.90 0.00
AST_ENERGY_2_CC4 323678	34.66 2.57 0.00	32.47 2.32 0.00	32.11 2.10 0.00	30.60 1.97 0.00	30.19 1.92 0.00	30.96 2.02 0.00	32.59 2.33 0.00	36.80 2.94 0.00	38.94 3.02 0.00	43.87 3.47 0.00	49.17 3.56 0.00	51.94 3.85 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.73 6.14 0.00	102.85 8.48 -6.06	123.28 9.90 -5.72	99.14 7.90 -0.36	77.01 5.71 0.00	68.60 4.90 0.00	59.33 4.40 0.00	48.31 3.74 0.00	41.50 2.90 0.00

ATHENS_STG_1 23668	33.31 1.22 0.00	31.32 1.17 0.00	31.15 1.14 0.00	29.77 1.15 0.00	29.37 1.10 0.00	30.03 1.10 0.00	31.38 1.12 0.00	35.17 1.32 0.00	37.21 1.29 0.00	41.84 1.45 0.00	47.11 1.50 0.00	49.72 1.64 0.00	54.68 1.85 0.00	58.73 2.26 0.00	66.04 2.66 0.00	73.42 2.83 0.00	93.35 3.62 -1.42	112.92 4.42 -0.84	94.52 3.64 0.00	73.94 2.64 0.00	66.18 2.48 0.00	57.13 2.20 0.00	46.30 1.74 0.00	39.96 1.35 0.00
ATHENS_STG_2 23670	33.31 1.22 0.00	31.32 1.17 0.00	31.15 1.14 0.00	29.77 1.15 0.00	29.37 1.10 0.00	30.03 1.10 0.00	31.38 1.12 0.00	35.17 1.32 0.00	37.21 1.29 0.00	41.84 1.45 0.00	47.11 1.50 0.00	49.72 1.64 0.00	54.68 1.85 0.00	58.73 2.26 0.00	66.04 2.66 0.00	73.42 2.83 0.00	93.35 3.62 -1.42	112.92 4.42 -0.84	94.52 3.64 0.00	73.94 2.64 0.00	66.18 2.48 0.00	57.13 2.20 0.00	46.30 1.74 0.00	39.96 1.35 0.00
ATHENS_STG_3 23677	33.31 1.22 0.00	31.32 1.17 0.00	31.15 1.14 0.00	29.77 1.15 0.00	29.37 1.10 0.00	30.03 1.10 0.00	31.38 1.12 0.00	35.17 1.32 0.00	37.21 1.29 0.00	41.84 1.45 0.00	47.11 1.50 0.00	49.72 1.64 0.00	54.68 1.85 0.00	58.73 2.26 0.00	66.04 2.66 0.00	73.42 2.83 0.00	93.35 3.62 -1.42	112.92 4.42 -0.84	94.52 3.64 0.00	73.94 2.64 0.00	66.18 2.48 0.00	57.13 2.20 0.00	46.30 1.74 0.00	39.96 1.35 0.00
AUBURN___LFGE 323710	33.58 0.51 -0.98	31.19 0.36 -0.68	30.90 0.24 -0.65	29.27 0.20 -0.44	28.86 0.20 -0.39	29.68 0.26 -0.49	31.31 0.36 -0.69	35.51 0.44 -1.22	37.90 0.47 -1.51	43.18 0.69 -2.10	49.35 0.96 -2.79	52.39 1.15 -3.15	57.48 1.27 -3.38	61.36 1.30 -3.59	69.17 1.39 -4.41	77.57 1.69 -5.28	96.59 2.12 -6.16	117.55 2.48 -7.41	100.32 2.18 -7.25	78.37 1.78 -5.29	69.04 1.46 -3.88	59.37 1.21 -3.23	47.67 1.03 -2.08	40.87 0.73 -1.53
BABYLON_RES_REC 323704	39.24 3.21 -3.94	38.41 2.96 -5.31	37.24 2.73 -4.50	37.16 2.58 -5.95	37.21 2.55 -6.40	37.22 2.66 -5.63	37.70 2.93 -4.51	37.98 3.59 -0.54	39.30 3.38 0.00	43.42 3.03 0.00	51.61 3.33 -2.67	57.75 3.94 -5.72	63.08 4.38 -5.87	68.41 5.31 -6.64	81.93 6.02 -12.53	88.07 6.63 -10.84	115.30 8.83 -18.16	133.39 10.76 -14.97	113.82 8.73 -14.21	85.29 6.70 -7.29	78.92 5.86 -9.37	68.66 5.05 -8.68	48.41 3.83 -0.01	41.74 3.13 -0.01
BABYLON__69_KV_BK2 356345	39.79 3.75 -3.94	38.89 3.44 -5.31	37.69 3.18 -4.50	37.59 3.01 -5.95	37.63 2.97 -6.40	37.60 3.04 -5.63	38.16 3.39 -4.51	38.45 4.06 -0.54	40.16 4.24 0.00	44.27 3.88 0.00	57.48 4.70 -7.17	71.17 5.34 -17.74	76.98 5.97 -18.19	83.93 6.89 -20.58	107.00 7.80 -35.84	112.81 8.61 -33.60	143.43 11.66 -43.46	155.87 13.89 -34.33	145.54 11.36 -43.29	102.66 8.77 -22.59	90.05 7.71 -18.65	80.57 6.54 -19.10	49.62 5.04 -0.01	42.71 4.09 -0.01
BALL_HILL_WT_PWR 323825	32.96 0.87 0.00	30.45 0.30 0.00	30.13 0.12 0.00	28.57 -0.06 0.00	28.24 -0.03 0.00	29.11 0.17 0.00	30.48 0.21 0.00	33.78 -0.07 0.00	36.68 0.76 0.00	40.75 0.36 0.00	46.93 1.32 0.00	49.53 1.44 0.00	54.20 1.37 0.00	57.82 1.35 0.00	63.94 0.57 0.00	72.43 1.83 0.00	90.17 1.86 0.00	108.31 0.65 0.00	92.06 1.18 0.00	72.80 1.50 0.00	63.31 -0.38 0.00	55.16 0.22 0.00	45.06 0.49 0.00	39.53 0.93 0.00
BARON_WINDS___WT_PWR 323822	33.17 0.83 -0.24	30.77 0.45 -0.17	30.50 0.33 -0.16	28.94 0.20 -0.11	28.59 0.23 -0.10	29.46 0.40 -0.12	30.86 0.42 -0.17	34.53 0.37 -0.30	37.27 0.97 -0.37	41.68 0.77 -0.52	47.57 1.28 -0.69	50.31 1.44 -0.78	55.14 1.48 -0.84	58.66 1.30 -0.89	65.42 0.95 -1.09	73.67 1.77 -1.31	91.78 1.94 -1.53	111.00 1.51 -1.84	94.49 1.82 -1.80	74.39 1.78 -1.31	65.48 0.83 -0.96	56.89 1.16 -0.80	46.15 1.07 -0.51	40.03 1.04 -0.38
BARRETT_IC_1 23704	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_10 23701	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_11 23702	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_12 23703	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_2 23705	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_3 23706	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_4 23707	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01

BARRETT_IC_5 23708	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_6 23709	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_7 23710	38.95 2.92 -3.94	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.38 -5.95	36.95 2.29 -6.40	36.91 2.34 -5.63	37.46 2.69 -4.51	37.61 3.22 -0.54	39.30 3.38 0.00	43.42 3.03 0.00	48.94 3.33 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.00	102.81 8.39 -6.11	123.20 9.80 -5.75	99.05 7.82 -0.36	77.15 5.85 0.00	73.80 5.16 -4.95	63.32 4.67 -3.71	48.62 4.06 0.00	41.85 3.24 0.00
BARRETT_IC_8 23711	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT_IC_9 23700	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT___1 23545	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BARRETT___2 23546	38.96 2.92 -3.95	38.13 2.68 -5.31	36.97 2.46 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	36.96 2.40 -5.63	37.46 2.69 -4.51	37.71 3.32 -0.54	39.01 3.09 0.00	43.50 3.11 0.00	48.89 3.29 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.61 5.14 0.00	70.45 5.64 -1.44	76.66 6.07 0.01	102.53 8.12 -6.11	123.20 9.80 -5.74	99.05 7.82 -0.35	77.14 5.85 0.01	73.79 5.16 -4.94	63.37 4.73 -3.71	48.72 4.15 -0.01	41.86 3.24 -0.01
BATAVIA__115KV_TB1 55881	32.96 0.87 0.00	30.48 0.33 0.00	30.19 0.18 0.00	28.63 0.00 0.00	28.35 0.08 0.00	29.14 0.20 0.00	30.54 0.27 0.00	33.85 0.00 0.00	35.78 -0.14 0.00	40.63 0.24 0.00	46.66 1.05 0.00	49.19 1.11 0.00	53.88 1.06 0.00	57.54 1.07 0.00	63.69 0.32 0.00	72.08 1.48 0.00	89.99 1.68 0.00	108.95 1.29 0.00	92.52 1.64 0.00	73.30 2.00 0.00	63.95 0.25 0.00	55.54 0.60 0.00	45.19 0.62 0.00	39.53 0.93 0.00
BAYONEEC___CTG1 323682	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG10 323750	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG2 323683	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG3 323684	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG4 323685	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG5 323686	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG6 323687	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00

BAYONEEC___CTG7 323688	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG8 323689	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BAYONEEC___CTG9 323749	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.17 3.56 0.00	51.93 3.85 0.01	56.99 4.17 0.01	61.38 4.91 0.00	68.94 5.58 0.01	76.80 6.21 0.01	102.93 8.56 -6.05	123.27 9.90 -5.71	99.13 7.90 -0.35	77.00 5.71 0.01	68.65 4.97 0.01	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
BEACON___LESR 323632	33.34 1.25 0.00	31.32 1.17 0.00	31.15 1.14 0.00	29.69 1.06 0.00	29.31 1.05 0.00	29.97 1.04 0.00	31.32 1.06 0.00	35.07 1.22 0.00	37.10 1.18 0.00	41.72 1.33 0.00	47.02 1.42 0.00	49.48 1.40 0.00	54.41 1.58 0.00	58.28 1.81 0.00	65.91 2.54 0.00	73.56 2.96 0.00	92.85 3.44 -1.10	76.71 4.63 35.58	88.74 3.99 6.13	74.29 2.99 0.00	66.56 2.87 0.00	57.30 2.36 0.00	46.26 1.69 0.00	40.11 1.50 0.00
BEAVER RIVER___HYD 24048	32.55 -0.16 -0.62	30.40 -0.18 -0.43	30.21 -0.21 -0.41	28.71 -0.20 -0.28	28.35 -0.17 -0.25	29.16 -0.09 -0.31	30.79 0.09 -0.44	34.56 -0.07 -0.77	36.70 -0.18 -0.96	41.28 -0.44 -1.33	47.24 -0.14 -1.76	50.03 -0.05 -1.99	55.02 0.05 -2.14	58.18 -0.56 -2.28	64.18 -1.27 -2.08	69.76 -1.55 -0.72	85.29 -2.03 0.99	105.58 -1.18 0.90	92.38 -0.63 -2.13	74.50 -0.14 -3.35	66.09 -0.06 -2.46	56.71 -0.27 -2.05	45.62 -0.27 -1.32	39.65 0.08 -0.97
BEEBEE_GT_13 23619	32.44 0.35 0.00	30.17 0.03 0.00	29.92 -0.09 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.85 -0.09 0.00	30.26 0.00 0.00	33.68 -0.17 0.00	35.74 -0.18 0.00	40.47 0.08 0.00	46.29 0.77 0.00	48.86 0.79 0.00	53.62 0.79 0.00	57.26 0.79 0.00	63.63 0.25 0.00	71.72 1.13 0.00	89.46 1.15 0.00	108.52 0.86 0.00	91.88 1.00 0.00	72.51 1.21 0.00	63.76 0.06 0.00	55.21 0.27 0.00	44.92 0.36 0.00	39.03 0.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.28 3.18 -0.01	33.02 2.86 -0.01	32.63 2.61 -0.01	31.06 2.43 0.00	30.64 2.37 0.00	31.22 2.29 0.00	33.02 2.75 0.00	37.30 3.45 0.00	45.86 3.81 -6.13	44.61 4.16 -0.06	50.00 4.33 -0.06	52.56 4.47 0.00	57.69 4.86 0.00	62.23 5.70 -0.06	69.39 6.02 0.00	77.37 6.78 0.00	104.08 9.71 -6.06	124.47 11.09 -5.72	100.24 9.00 -0.36	77.72 6.42 0.00	69.16 5.48 0.01	63.33 5.05 -3.34	70.72 4.50 -21.65	57.96 3.71 -15.65
BETHLEHEM___GRP 23843	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.54 0.00	34.46 0.61 0.00	36.53 0.61 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.57 0.48 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.28 0.71 0.00	39.26 0.66 0.00
BETHLEHEM___GS1 323560	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.55 0.00	34.46 0.61 0.00	36.46 0.54 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.62 0.53 0.00	53.41 0.58 0.00	57.32 0.85 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.32 0.76 0.00	39.26 0.66 0.00
BETHLEHEM___GS2 323561	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.55 0.00	34.46 0.61 0.00	36.46 0.54 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.62 0.53 0.00	53.41 0.58 0.00	57.32 0.85 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.32 0.76 0.00	39.26 0.66 0.00
BETHLEHEM___GS3 323562	32.77 0.67 0.00	30.81 0.66 0.00	30.64 0.63 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.51 0.58 0.00	30.81 0.55 0.00	34.46 0.61 0.00	36.46 0.54 0.00	41.00 0.61 0.00	46.16 0.55 0.00	48.62 0.53 0.00	53.41 0.58 0.00	57.32 0.85 0.00	64.64 1.27 0.00	71.93 1.34 0.00	90.90 1.50 -1.09	89.02 2.15 20.79	89.07 1.82 3.63	72.58 1.28 0.00	65.03 1.34 0.00	56.03 1.10 0.00	45.32 0.76 0.00	39.26 0.66 0.00
BETHLEHEM___STEEL 23779	32.73 0.64 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.88 -0.06 0.00	30.29 0.03 0.00	33.51 -0.34 0.00	35.49 -0.43 0.00	40.39 0.00 0.00	46.47 0.87 0.00	49.05 0.96 0.00	53.67 0.85 0.00	57.32 0.85 0.00	63.37 0.00 0.00	71.79 1.20 0.00	89.46 1.15 0.00	107.45 -0.22 0.00	91.34 0.45 0.00	72.23 0.93 0.00	62.80 -0.89 0.00	54.66 -0.27 0.00	44.57 0.00 0.00	39.19 0.58 0.00
BETHLHEM_115KV_TB1 79974	32.83 0.74 0.00	30.90 0.75 0.00	30.73 0.72 0.00	29.31 0.69 0.00	28.95 0.68 0.00	29.57 0.64 0.00	30.87 0.61 0.00	34.53 0.68 0.00	36.64 0.72 0.00	41.08 0.69 0.00	46.29 0.68 0.00	48.71 0.63 0.00	53.57 0.74 0.00	57.43 0.96 0.00	64.77 1.39 0.00	72.08 1.48 0.00	91.16 1.77 -1.08	90.58 2.37 19.45	89.48 2.00 3.40	72.73 1.43 0.00	65.16 1.46 0.00	56.14 1.21 0.00	45.41 0.85 0.00	39.38 0.77 0.00
BETHPAGE_CC_5 323564	38.98 2.95 -3.94	38.22 2.77 -5.31	37.06 2.55 -4.50	36.99 2.41 -5.95	37.01 2.34 -6.40	37.05 2.49 -5.63	37.52 2.75 -4.51	37.74 3.35 -0.54	39.04 3.12 0.00	43.54 3.15 0.00	50.69 3.60 -1.48	54.00 4.28 -1.63	59.20 4.70 -1.67	64.06 5.70 -1.89	74.38 6.40 -4.61	80.75 7.06 -3.09	107.22 9.36 -9.55	127.34 11.30 -8.38	104.28 9.09 -4.31	80.23 6.85 -2.08	75.96 6.05 -6.21	65.29 5.22 -5.13	48.63 4.06 0.00	41.81 3.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.83 0.74 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.48 -0.14 0.00	28.15 -0.11 0.00	28.96 0.03 0.00	30.35 0.09 0.00	33.61 -0.24 0.00	35.60 -0.32 0.00	40.51 0.12 0.00	46.66 1.05 0.00	49.24 1.15 0.00	53.88 1.06 0.00	57.60 1.13 0.00	63.69 0.32 0.00	72.08 1.48 0.00	89.90 1.59 0.00	107.88 0.22 0.00	91.70 0.82 0.00	72.51 1.21 0.00	62.99 -0.70 0.00	54.83 -0.11 0.00	44.70 0.13 0.00	39.30 0.69 0.00

BINGHAMTON___COGEN 23790	33.32 0.77 -0.45	31.03 0.57 -0.32	30.82 0.51 -0.30	29.29 0.46 -0.21	28.90 0.45 -0.18	29.68 0.52 -0.23	31.16 0.58 -0.32	35.06 0.64 -0.57	37.42 0.79 -0.70	42.38 1.01 -0.98	48.18 1.28 -1.30	50.99 1.44 -1.46	56.04 1.64 -1.57	59.78 1.64 -1.67	67.13 1.71 -2.05	75.17 2.12 -2.46	93.41 2.56 -2.53	113.71 2.80 -3.25	96.80 2.54 -3.37	75.75 2.00 -2.46	67.09 1.59 -1.80	57.92 1.48 -1.50	46.78 1.25 -0.97	40.36 1.04 -0.71
BIXINCNT_115KV_LOAD 355685	33.09 0.99 0.00	30.54 0.39 0.00	30.25 0.24 0.00	28.68 0.06 0.00	28.35 0.08 0.00	29.17 0.23 0.00	30.66 0.39 0.00	34.02 0.17 0.00	36.06 0.14 0.00	40.96 0.57 0.00	47.16 1.55 0.00	49.77 1.68 0.00	54.36 1.53 0.00	57.99 1.52 0.00	64.20 0.82 0.00	72.29 1.69 0.00	90.25 1.94 0.00	107.88 0.22 0.00	91.97 1.09 0.00	72.87 1.57 0.00	63.25 -0.45 0.00	55.10 0.16 0.00	44.92 0.36 0.00	39.53 0.93 0.00
BLACK RIVER___HYD 24047	33.24 0.10 -1.05	30.91 0.03 -0.73	30.68 -0.03 -0.70	29.05 -0.06 -0.48	28.72 0.03 -0.42	29.58 0.12 -0.53	31.34 0.33 -0.74	35.27 0.10 -1.32	37.59 0.04 -1.64	42.54 -0.12 -2.27	48.76 0.14 -3.01	51.78 0.29 -3.40	56.90 0.42 -3.65	60.13 -0.22 -3.88	66.75 -0.89 -4.27	73.35 -1.13 -3.89	90.17 -1.42 -3.28	111.07 -0.75 -4.15	96.93 -0.09 -6.14	77.51 0.50 -5.71	68.39 0.51 -4.19	58.65 0.22 -3.49	46.86 0.04 -2.24	40.64 0.39 -1.65
BLACKRVR_115KV_TB2 79977	33.24 0.10 -1.05	30.91 0.03 -0.73	30.68 -0.03 -0.70	29.05 -0.06 -0.48	28.72 0.03 -0.42	29.58 0.12 -0.53	31.34 0.33 -0.74	35.34 0.17 -1.32	37.52 -0.04 -1.64	42.54 -0.12 -2.27	48.76 0.14 -3.01	51.77 0.29 -3.40	56.90 0.42 -3.65	60.13 -0.23 -3.88	67.25 -0.89 -4.76	75.17 -1.13 -5.70	93.56 -1.41 -6.66	114.92 -0.75 -8.01	98.63 -0.09 -7.84	77.51 0.50 -5.71	68.40 0.51 -4.19	58.64 0.22 -3.49	46.86 0.04 -2.24	40.64 0.39 -1.65
BLISS_WT_PWR 323608	33.09 1.00 0.00	30.54 0.39 0.00	30.22 0.21 0.00	28.69 0.06 0.00	28.35 0.09 0.00	29.22 0.29 0.00	30.63 0.36 0.00	34.02 0.17 0.00	36.89 0.97 0.00	40.96 0.57 0.00	47.16 1.55 0.00	49.82 1.73 0.00	54.30 1.48 0.00	57.88 1.41 0.00	64.14 0.76 0.00	72.14 1.55 0.00	90.08 1.77 0.00	107.66 0.00 0.00	91.88 1.00 0.00	72.73 1.43 0.00	63.18 -0.51 0.00	55.05 0.11 0.00	45.01 0.45 0.00	39.53 0.93 0.00
BLUESTONE___WT_PWR 323821	34.92 2.44 -0.39	32.59 2.17 -0.27	32.34 2.07 -0.26	30.72 1.92 -0.18	30.35 1.92 -0.16	31.21 2.08 -0.19	32.84 2.30 -0.27	36.74 2.40 -0.49	39.14 2.62 -0.60	44.26 3.03 -0.84	50.32 3.60 -1.11	53.38 4.04 -1.25	58.87 4.70 -1.34	62.08 4.18 -1.43	69.75 4.62 -1.75	77.92 5.22 -2.10	97.05 6.63 -2.11	118.81 8.40 -2.75	101.04 7.27 -2.89	79.25 5.85 -2.10	70.27 5.03 -1.54	60.39 4.17 -1.28	48.78 3.39 -0.83	42.49 3.28 -0.61
BLUE_CIRC_CHEM_DRP 24182	33.25 1.16 0.00	31.26 1.12 0.00	31.12 1.11 0.00	29.72 1.09 0.00	29.31 1.05 0.00	29.98 1.04 0.00	31.23 0.97 0.00	34.83 0.98 0.00	36.93 1.01 0.00	41.40 1.01 0.00	46.61 1.00 0.00	48.95 0.87 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.51 1.14 0.00	71.38 1.20 0.42	90.38 1.50 -0.57	95.35 2.05 14.35	90.07 1.73 2.54	72.51 1.21 0.00	65.03 1.34 0.00	56.09 1.15 0.00	45.73 1.16 0.00	39.73 1.12 0.00
BOC_GAS_DRP 24189	32.99 0.90 0.00	31.02 0.87 0.00	30.88 0.87 0.00	29.49 0.86 0.00	29.11 0.85 0.00	29.74 0.81 0.00	31.05 0.79 0.00	34.73 0.88 0.00	36.82 0.90 0.00	41.32 0.93 0.00	46.57 0.96 0.00	49.00 0.91 0.00	53.83 1.00 0.00	57.77 1.30 0.00	65.02 1.65 0.00	72.32 1.69 -0.03	91.52 2.12 -1.09	98.37 2.69 11.99	90.93 2.18 2.13	72.87 1.57 0.00	65.29 1.59 0.00	56.31 1.37 0.00	45.64 1.07 0.00	39.57 0.97 0.00
BOONVILLE_115KV_TB1 79983	33.18 0.80 -0.29	31.07 0.72 -0.20	30.86 0.66 -0.19	29.36 0.60 -0.13	29.00 0.62 -0.11	29.77 0.69 -0.14	31.31 0.85 -0.20	35.02 0.81 -0.36	37.15 0.79 -0.44	41.86 0.85 -0.62	47.65 1.23 -0.82	50.45 1.44 -0.92	55.56 1.74 -0.99	58.88 1.36 -1.05	65.87 1.20 -1.29	73.41 1.27 -1.55	91.70 1.59 -1.80	112.63 2.80 -2.17	95.46 2.45 -2.12	74.91 2.07 -1.55	66.61 1.78 -1.14	57.25 1.37 -0.95	46.20 1.03 -0.61	40.25 1.20 -0.45
BORALEX_4TH_BRANCH 23824	33.95 1.86 0.00	31.95 1.81 0.00	31.75 1.74 0.00	30.29 1.66 0.00	29.91 1.64 0.00	30.53 1.59 0.00	31.87 1.60 0.00	35.78 1.93 0.00	37.79 1.87 0.00	42.29 1.90 0.00	47.66 2.05 0.00	50.49 2.40 0.00	55.57 2.75 0.00	59.80 3.33 0.00	67.56 4.18 0.00	75.25 4.66 0.00	95.06 5.48 -1.27	129.31 7.32 -14.32	99.36 6.18 -2.30	76.01 4.71 0.00	67.96 4.27 0.00	58.56 3.63 0.00	47.15 2.58 0.00	40.65 2.05 0.00
BOWLINE___1 23526	34.15 2.06 0.00	32.04 1.90 0.00	31.72 1.71 0.00	30.29 1.66 0.00	29.88 1.61 0.00	30.64 1.71 0.00	32.11 1.85 0.00	36.12 2.27 0.00	38.19 2.26 0.00	42.94 2.55 0.00	48.25 2.64 0.00	50.92 2.84 0.00	56.00 3.17 0.00	60.31 3.84 0.00	67.81 4.43 0.00	75.46 4.87 0.00	83.54 6.53 11.30	110.65 7.76 4.77	97.39 6.18 -0.33	75.72 4.42 0.00	67.58 3.89 0.00	58.40 3.46 0.00	47.46 2.90 0.00	40.85 2.24 0.00
BOWLINE___2 23595	34.15 2.06 0.00	32.08 1.93 0.00	31.72 1.71 0.00	30.29 1.66 0.00	29.88 1.61 0.00	30.64 1.71 0.00	32.14 1.88 0.00	36.15 2.30 0.00	38.22 2.30 0.00	42.98 2.59 0.00	48.25 2.64 0.00	50.97 2.89 0.00	56.00 3.17 0.00	60.31 3.84 0.00	67.81 4.43 0.00	75.46 4.87 0.00	83.62 6.63 11.32	110.64 7.76 4.78	97.47 6.27 -0.33	75.79 4.49 0.00	67.58 3.89 0.00	58.40 3.46 0.00	47.51 2.94 0.00	40.88 2.28 0.00
BRADY___115KV_TB2 356060	31.03 -1.06 0.00	29.24 -0.90 0.00	29.20 -0.81 0.00	27.85 -0.77 0.00	27.50 -0.76 0.00	28.18 -0.75 0.00	29.66 -0.61 0.00	33.04 -0.81 0.00	35.02 -0.90 0.00	39.42 -0.97 0.00	44.47 -1.14 0.00	46.69 -1.39 0.00	51.19 -1.64 0.00	54.32 -2.15 0.00	60.65 -2.73 0.00	67.49 -3.11 0.00	84.25 -4.06 0.00	103.03 -4.63 0.00	87.06 -3.82 0.00	68.66 -2.64 0.00	61.47 -2.23 0.00	52.90 -2.03 0.00	43.01 -1.56 0.00	37.60 -1.00 0.00
BRANSCOMB___SOLAR 323811	34.11 2.02 0.00	32.01 1.87 0.00	31.81 1.80 0.00	30.32 1.69 0.00	29.93 1.67 0.00	30.64 1.71 0.00	31.99 1.72 0.00	35.78 1.93 0.00	37.90 1.97 0.00	42.61 2.22 0.00	47.89 2.28 0.00	50.49 2.40 0.00	55.63 2.80 0.00	59.29 2.82 0.00	67.11 3.74 0.00	74.90 4.31 0.00	94.40 5.03 -1.06	125.71 6.68 -11.37	98.96 6.27 -1.82	76.44 5.14 0.00	68.60 4.90 0.00	58.94 4.01 0.00	47.38 2.81 0.00	41.00 2.39 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.43 3.40 -3.94	38.62 3.17 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.41 2.74 -6.40	37.37 2.81 -5.63	37.92 3.15 -4.51	38.18 3.79 -0.54	39.80 3.88 0.00	43.86 3.47 0.00	67.94 4.15 -18.18	70.70 4.62 -18.00	76.45 5.18 -18.45	83.27 5.93 -20.87	106.42 6.72 -36.33	112.02 7.34 -34.08	142.37 10.07 -44.00	154.35 11.95 -34.74	144.51 9.72 -43.91	101.84 7.63 -22.91	89.22 6.69 -18.84	79.91 5.66 -19.32	49.19 4.59 -0.03	42.35 3.71 -0.03

BRISTLHL_115KV_TB1 79998	34.11 -0.32 -2.34	31.38 -0.39 -1.63	31.15 -0.42 -1.56	29.26 -0.43 -1.06	28.78 -0.42 -0.94	29.70 -0.41 -1.17	31.52 -0.39 -1.65	36.37 -0.41 -2.93	39.09 -0.47 -3.63	45.00 -0.44 -5.05	51.88 -0.41 -6.69	55.30 -0.34 -7.55	60.57 -0.37 -8.11	64.64 -0.45 -8.63	73.38 -0.57 -10.57	82.70 -0.56 -12.67	102.39 -0.71 -14.79	124.48 -0.97 -17.79	107.56 -0.73 -17.40	83.48 -0.50 -12.68	72.49 -0.51 -9.31	62.24 -0.44 -7.75	49.19 -0.36 -4.98	41.88 -0.39 -3.66
BROOKHAVEN___DRP 24191	39.44 3.40 -3.95	38.59 3.14 -5.31	37.36 2.85 -4.50	37.27 2.69 -5.95	37.35 2.69 -6.40	37.31 2.75 -5.63	37.86 3.09 -4.51	38.11 3.72 -0.54	39.85 3.92 -0.01	43.86 3.47 0.00	55.47 4.38 -5.48	138.15 5.00 -85.06	145.58 5.55 -87.20	161.62 6.49 -98.66	237.09 7.35 -166.37	239.69 7.98 -161.12	284.27 10.77 -185.19	263.25 12.81 -142.78	307.56 10.45 -206.23	187.81 8.20 -108.31	141.51 7.20 -70.62	138.52 6.10 -77.48	49.07 4.50 0.00	42.28 3.67 0.00
BROOKLYN_NAVY_YARD 23515	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	31.02 2.08 0.00	32.65 2.39 0.00	36.90 3.05 0.00	39.08 3.16 0.00	44.03 3.64 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.16 4.33 0.00	61.61 5.14 0.00	69.20 5.83 0.00	77.08 6.49 0.00	103.29 8.92 -6.06	123.71 10.34 -5.72	99.59 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.55 4.62 0.00	48.44 3.88 0.00	41.62 3.01 0.00
BROOKLYN___ARMY_DRP 323595	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
BROOKVLE_69_KV_TB1 55790	39.40 3.37 -3.94	38.52 3.07 -5.31	37.33 2.82 -4.50	37.24 2.66 -5.95	37.26 2.60 -6.40	37.23 2.66 -5.63	37.80 3.03 -4.51	38.05 3.66 -0.54	39.84 3.92 0.00	44.23 3.84 0.00	49.89 4.29 0.00	53.04 4.95 0.00	58.32 5.49 0.00	63.02 6.55 0.00	72.23 7.41 -1.44	78.78 8.19 0.00	105.46 11.04 -6.11	126.22 12.81 -5.75	101.60 10.36 -0.36	79.00 7.70 0.00	75.40 6.75 -4.95	64.47 5.82 -3.71	49.16 4.59 0.00	42.47 3.86 0.00
BROOME_2_LFGE 323671	33.31 0.77 -0.45	31.03 0.57 -0.32	30.82 0.51 -0.30	29.29 0.46 -0.21	28.93 0.48 -0.18	29.71 0.55 -0.23	31.16 0.57 -0.32	35.06 0.64 -0.57	37.56 0.93 -0.70	42.38 1.01 -0.98	48.18 1.28 -1.30	51.04 1.49 -1.46	56.04 1.64 -1.57	59.78 1.64 -1.67	67.14 1.71 -2.05	75.17 2.12 -2.46	93.41 2.56 -2.53	113.71 2.79 -3.25	96.80 2.54 -3.37	75.75 1.99 -2.46	67.09 1.59 -1.80	57.92 1.48 -1.50	46.83 1.29 -0.97	40.36 1.04 -0.71
BROOME___LFGE 323600	33.31 0.77 -0.45	31.03 0.57 -0.32	30.82 0.51 -0.30	29.29 0.46 -0.21	28.93 0.48 -0.18	29.71 0.55 -0.23	31.16 0.57 -0.32	35.06 0.64 -0.57	37.56 0.93 -0.70	42.38 1.01 -0.98	48.18 1.28 -1.30	51.04 1.49 -1.46	56.04 1.64 -1.57	59.78 1.64 -1.67	67.14 1.71 -2.05	75.17 2.12 -2.46	93.41 2.56 -2.53	113.71 2.79 -3.25	96.80 2.54 -3.37	75.75 1.99 -2.46	67.09 1.59 -1.80	57.92 1.48 -1.50	46.83 1.29 -0.97	40.36 1.04 -0.71
BROWNFLS_115KV_TB_3_5 80003	31.55 -0.96 -0.42	29.53 -0.90 -0.29	29.42 -0.87 -0.28	27.99 -0.83 -0.19	27.64 -0.79 -0.17	28.39 -0.75 -0.21	29.96 -0.61 -0.30	33.57 -0.81 -0.53	35.64 -0.93 -0.66	40.09 -1.21 -0.91	45.67 -1.14 -1.21	48.25 -1.20 -1.36	52.97 -1.32 -1.46	56.10 -1.92 -1.56	62.56 -2.73 -1.91	69.70 -3.18 -2.28	86.83 -4.15 -2.67	106.67 -4.20 -3.21	90.75 -3.27 -3.14	71.30 -2.28 -2.29	63.46 -1.91 -1.68	54.52 -1.81 -1.40	44.08 -1.38 -0.90	38.34 -0.93 -0.66
BROWNSV1_27_KV_LOAD 356125	35.11 3.02 0.00	32.86 2.71 0.00	32.47 2.46 0.00	30.92 2.29 0.00	30.50 2.23 0.00	31.22 2.29 0.00	32.99 2.72 0.00	37.20 3.35 0.00	39.55 3.63 0.00	44.43 4.04 0.00	49.85 4.24 0.00	52.61 4.52 0.00	57.74 4.91 0.00	62.23 5.76 0.00	69.90 6.53 0.00	77.86 7.27 0.00	104.44 10.07 -6.06	125.00 11.63 -5.72	100.60 9.36 -0.36	78.14 6.84 0.00	69.62 5.92 0.00	60.15 5.22 0.00	48.94 4.37 0.00	42.04 3.44 0.00
BURROWS___LYONSDAL 23803	33.05 0.61 -0.35	30.93 0.54 -0.24	30.75 0.51 -0.23	29.25 0.46 -0.16	28.89 0.48 -0.14	29.66 0.55 -0.18	31.21 0.70 -0.25	34.97 0.68 -0.44	37.08 0.61 -0.54	41.71 0.57 -0.76	47.57 0.96 -1.00	50.37 1.15 -1.13	55.47 1.43 -1.22	58.72 0.96 -1.29	65.66 0.70 -1.58	73.13 0.64 -1.90	91.32 0.79 -2.22	112.37 2.05 -2.67	95.31 1.82 -2.61	74.84 1.64 -1.90	66.55 1.46 -1.40	57.20 1.10 -1.16	46.12 0.80 -0.75	40.12 0.97 -0.55
CAITHNESS_CC_1 323624	39.38 3.34 -3.95	38.53 3.08 -5.31	37.33 2.82 -4.50	37.24 2.66 -5.95	37.29 2.63 -6.40	37.34 2.78 -5.63	37.82 3.06 -4.51	38.12 3.72 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.24 4.15 -5.48	137.51 4.85 -84.56	144.85 5.33 -86.69	160.87 6.32 -98.08	235.87 7.10 -165.40	238.46 7.70 -160.17	282.60 10.15 -184.14	261.90 12.27 -141.97	305.99 10.09 -205.02	186.96 7.98 -107.67	140.94 7.01 -70.24	137.92 5.93 -77.05	49.03 4.46 0.00	42.16 3.55 0.00
CALPINE BETH_PAGE_GT4 24209	38.92 2.89 -3.94	38.22 2.77 -5.31	37.06 2.55 -4.50	36.99 2.40 -5.95	37.04 2.37 -6.40	36.97 2.40 -5.63	37.52 2.75 -4.51	37.71 3.32 -0.54	39.41 3.48 0.00	43.50 3.11 0.00	50.31 3.60 -1.10	53.57 4.23 -1.25	58.76 4.65 -1.29	63.57 5.65 -1.45	73.64 6.40 -3.87	79.96 6.99 -2.38	106.69 9.63 -8.75	126.73 11.30 -7.77	103.36 9.09 -3.39	79.67 6.77 -1.60	75.60 5.99 -5.92	64.90 5.16 -4.80	48.58 4.01 0.00	41.77 3.17 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.92 2.89 -3.94	38.22 2.77 -5.31	37.06 2.55 -4.50	36.99 2.41 -5.95	37.01 2.34 -6.40	37.02 2.46 -5.63	37.52 2.75 -4.51	37.74 3.35 -0.54	38.97 3.05 0.00	43.50 3.11 0.00	50.27 3.56 -1.10	53.57 4.23 -1.25	58.76 4.65 -1.29	63.57 5.65 -1.45	73.64 6.40 -3.87	79.96 6.99 -2.38	106.33 9.27 -8.75	126.62 11.20 -7.77	103.36 9.09 -3.39	79.67 6.78 -1.60	75.60 5.99 -5.92	64.96 5.22 -4.80	48.63 4.06 0.00	41.78 3.17 0.00
CALPINE_BP_GT1 23823	38.92 2.89 -3.94	38.22 2.77 -5.31	37.06 2.55 -4.50	36.99 2.41 -5.95	37.01 2.34 -6.40	37.02 2.46 -5.63	37.52 2.75 -4.51	37.74 3.35 -0.54	38.97 3.05 0.00	43.50 3.11 0.00	50.27 3.56 -1.10	53.57 4.23 -1.25	58.76 4.65 -1.29	63.57 5.65 -1.45	73.64 6.40 -3.87	79.96 6.99 -2.38	106.33 9.27 -8.75	126.62 11.20 -7.77	103.36 9.09 -3.39	79.67 6.78 -1.60	75.60 5.99 -5.92	64.96 5.22 -4.80	48.63 4.06 0.00	41.78 3.17 0.00
CALSPAN___DRP 24200	32.73 0.64 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.88 -0.06 0.00	30.29 0.03 0.00	33.51 -0.34 0.00	35.49 -0.43 0.00	40.39 0.00 0.00	46.47 0.87 0.00	49.05 0.96 0.00	53.67 0.85 0.00	57.32 0.85 0.00	63.37 0.00 0.00	71.79 1.20 0.00	89.46 1.15 0.00	107.45 -0.22 0.00	91.34 0.45 0.00	72.23 0.93 0.00	62.80 -0.89 0.00	54.66 -0.27 0.00	44.57 0.00 0.00	39.19 0.58 0.00

CALVERTON___SOLAR 323806	39.57 3.53 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.44 2.77 -6.40	37.46 2.89 -5.63	37.98 3.21 -4.51	38.25 3.86 -0.54	39.67 3.74 -0.01	44.07 3.68 0.00	55.65 4.56 -5.48	138.70 5.34 -85.27	146.11 5.86 -87.42	162.26 6.89 -98.90	237.81 7.67 -166.77	240.43 8.33 -161.51	284.89 10.95 -185.63	264.01 13.24 -143.11	308.52 10.90 -206.74	188.50 8.62 -108.58	141.99 7.51 -70.79	138.97 6.37 -77.67	49.29 4.72 0.00	42.40 3.79 0.00
CANDIGU_WT_PWR 323617	33.17 0.83 -0.24	30.77 0.45 -0.17	30.50 0.33 -0.16	28.94 0.20 -0.11	28.59 0.23 -0.10	29.46 0.40 -0.12	30.86 0.42 -0.17	34.53 0.37 -0.30	37.27 0.97 -0.37	41.68 0.77 -0.52	47.57 1.28 -0.69	50.31 1.44 -0.78	55.14 1.48 -0.84	58.66 1.30 -0.89	65.42 0.95 -1.09	73.67 1.77 -1.31	91.78 1.94 -1.53	111.00 1.51 -1.84	94.49 1.82 -1.80	74.39 1.78 -1.31	65.48 0.83 -0.96	56.89 1.16 -0.80	46.15 1.07 -0.51	40.03 1.04 -0.38
CARR STREET_E_SYR 24060	32.72 0.00 -0.63	30.49 -0.09 -0.44	30.28 -0.15 -0.42	28.74 -0.17 -0.28	28.35 -0.17 -0.25	29.10 -0.14 -0.31	30.61 -0.09 -0.44	34.47 -0.17 -0.78	36.82 -0.07 -0.97	41.66 -0.08 -1.35	47.49 0.09 -1.79	50.30 0.19 -2.02	55.26 0.27 -2.17	58.95 0.17 -2.31	66.33 0.13 -2.83	74.27 0.28 -3.39	92.53 0.27 -3.96	112.53 0.11 -4.76	95.72 0.18 -4.66	74.84 0.14 -3.39	66.19 0.00 -2.49	57.06 0.05 -2.07	45.95 0.04 -1.33	39.55 -0.04 -0.98
CARTHAGE___PAPER 23857	32.88 -0.10 -0.89	30.64 -0.12 -0.62	30.42 -0.18 -0.59	28.86 -0.17 -0.40	28.48 -0.14 -0.35	29.35 -0.03 -0.44	31.04 0.15 -0.62	34.92 -0.03 -1.11	37.15 -0.14 -1.37	41.90 -0.40 -1.91	48.00 -0.14 -2.53	50.89 -0.05 -2.85	55.95 0.05 -3.07	59.17 -0.56 -3.26	65.46 -1.33 -3.42	71.64 -1.62 -2.66	87.91 -2.03 -1.63	108.57 -1.29 -2.20	94.84 -0.63 -4.59	76.10 0.00 -4.80	67.28 0.06 -3.52	57.70 -0.16 -2.93	46.23 -0.22 -1.88	40.11 0.12 -1.38
CASSADAGA_WT_PWR 323784	33.89 1.80 0.00	31.23 1.08 0.00	30.88 0.87 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.80 0.87 0.00	31.26 1.00 0.00	34.83 0.98 0.00	37.75 1.83 0.00	42.05 1.66 0.00	48.66 3.06 0.00	51.40 3.32 0.00	56.26 3.43 0.00	60.09 3.62 0.00	66.29 2.92 0.00	74.90 4.31 0.00	93.16 4.85 0.00	111.53 3.87 0.00	94.97 4.09 0.00	75.15 3.85 0.00	65.22 1.53 0.00	56.80 1.87 0.00	46.44 1.87 0.00	40.73 2.12 0.00
CE_DUNWOOD___DRP 24194	34.47 2.37 0.00	32.31 2.17 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.79 1.85 0.00	32.41 2.15 0.00	36.53 2.67 0.00	38.79 2.87 0.00	43.50 3.11 0.00	48.89 3.28 0.00	51.60 3.51 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.76 5.39 0.00	76.52 5.93 0.00	102.90 8.12 -6.46	123.08 9.47 -5.95	98.87 7.63 -0.36	76.86 5.56 0.00	68.54 4.84 0.00	59.17 4.23 0.00	48.04 3.48 0.00	41.31 2.70 0.00
CE_MILLWOOD___DRP 24193	34.37 2.28 0.00	32.22 2.08 0.00	31.90 1.89 0.00	30.43 1.80 0.00	30.05 1.78 0.00	30.73 1.79 0.00	32.32 2.06 0.00	36.39 2.54 0.00	38.65 2.73 0.00	43.34 2.95 0.00	48.71 3.10 0.00	51.45 3.37 0.00	56.53 3.70 0.00	60.93 4.46 0.00	68.51 5.13 0.00	76.31 5.72 0.00	103.17 7.77 -7.09	123.00 9.04 -6.30	98.60 7.36 -0.35	76.65 5.35 0.00	68.34 4.65 0.00	59.00 4.07 0.00	47.91 3.34 0.00	41.19 2.59 0.00
CE_NYC2_DRP 24202	34.88 2.79 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.96 2.03 0.00	32.72 2.45 0.00	36.93 3.08 0.00	40.12 3.34 -0.86	44.03 3.64 0.00	49.30 3.69 0.00	51.93 3.85 0.00	56.95 4.12 0.00	61.32 4.86 0.00	68.76 5.39 0.00	76.59 6.00 0.00	102.85 8.48 -6.06	123.07 9.69 -5.72	98.96 7.72 -0.36	76.79 5.49 0.00	68.40 4.71 0.01	59.17 4.23 0.00	48.40 3.83 0.00	41.78 3.17 -0.01
CE_NYC_DRP 24195	34.76 2.66 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.25 1.98 0.00	30.96 2.03 0.00	32.68 2.42 0.00	36.86 3.01 0.00	39.19 3.27 0.00	43.99 3.59 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.16 4.33 0.00	61.61 5.14 0.00	69.20 5.83 0.00	77.02 6.42 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.22 5.92 0.00	68.85 5.16 0.00	59.49 4.56 0.00	48.40 3.83 0.00	41.62 3.01 0.00
CHAFFEE___LFGE 323603	32.83 0.74 0.00	30.30 0.15 0.00	30.01 0.00 0.00	28.49 -0.14 0.00	28.15 -0.11 0.00	29.02 0.09 0.00	30.35 0.09 0.00	33.65 -0.20 0.00	36.49 0.57 0.00	40.51 0.12 0.00	46.66 1.05 0.00	49.29 1.20 0.00	53.94 1.11 0.00	57.54 1.07 0.00	63.69 0.32 0.00	72.14 1.55 0.00	89.98 1.67 0.00	108.09 0.43 0.00	91.88 1.00 0.00	72.65 1.35 0.00	63.12 -0.57 0.00	54.94 0.00 0.00	44.84 0.27 0.00	39.34 0.73 0.00
CHATEAUG_35_KV_LOAD 355732	31.23 -0.87 0.00	29.36 -0.78 0.00	29.29 -0.72 0.00	27.91 -0.72 0.00	27.56 -0.71 0.00	28.27 -0.67 0.00	29.72 -0.54 0.00	33.21 -0.64 0.00	35.31 -0.61 0.00	39.79 -0.61 0.00	44.97 -0.64 0.00	46.74 -1.35 0.00	50.71 -2.11 0.00	53.87 -2.60 0.00	60.14 -3.23 0.00	66.78 -3.81 0.00	83.45 -4.86 0.00	101.74 -5.92 0.00	86.06 -4.82 0.00	67.88 -3.42 0.00	60.83 -2.87 0.00	52.46 -2.47 0.00	43.05 -1.52 0.00	37.64 -0.97 0.00
CHATEAUG_WT_PWR 323614	31.32 -0.77 0.00	29.42 -0.72 0.00	29.32 -0.69 0.00	27.97 -0.66 0.00	27.62 -0.65 0.00	28.30 -0.64 0.00	29.78 -0.49 0.00	33.28 -0.58 0.00	35.38 -0.54 0.00	39.86 -0.53 0.00	45.11 -0.50 0.00	46.55 -1.54 0.00	50.61 -2.22 0.00	53.82 -2.65 0.00	57.42 -3.36 2.59	57.12 -3.95 9.52	65.53 -5.03 17.75	81.15 -6.25 20.27	76.78 -5.18 8.92	67.67 -3.63 0.00	60.57 -3.12 0.00	52.08 -2.86 0.00	42.70 -1.87 0.00	37.72 -0.89 0.00
CHAT_HIGH_FALL_HYD 323578	31.23 -0.87 0.00	29.36 -0.78 0.00	29.29 -0.72 0.00	27.91 -0.72 0.00	27.56 -0.71 0.00	28.27 -0.67 0.00	29.72 -0.54 0.00	33.21 -0.64 0.00	35.31 -0.61 0.00	39.79 -0.61 0.00	44.97 -0.64 0.00	46.74 -1.35 0.00	50.71 -2.11 0.00	53.87 -2.60 0.00	60.14 -3.23 0.00	66.78 -3.81 0.00	83.45 -4.86 0.00	101.74 -5.92 0.00	86.06 -4.82 0.00	67.88 -3.42 0.00	60.83 -2.87 0.00	52.46 -2.47 0.00	43.05 -1.52 0.00	37.64 -0.97 0.00
CHAUTAUQUA___LFGE 323629	33.44 1.35 0.00	30.84 0.69 0.00	30.52 0.51 0.00	28.91 0.29 0.00	28.58 0.31 0.00	29.46 0.52 0.00	30.87 0.61 0.00	34.29 0.44 0.00	37.21 1.29 0.00	41.40 1.01 0.00	47.80 2.19 0.00	50.49 2.40 0.00	55.21 2.38 0.00	58.95 2.48 0.00	65.15 1.77 0.00	73.70 3.10 0.00	91.75 3.44 0.00	110.03 2.37 0.00	93.60 2.72 0.00	74.08 2.78 0.00	64.33 0.64 0.00	56.03 1.10 0.00	45.81 1.25 0.00	40.15 1.55 0.00
CHERRYST_13_KV_LD 356241	34.88 2.79 0.00	32.68 2.53 0.00	32.29 2.28 0.00	30.77 2.15 0.00	30.36 2.09 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.07 3.22 0.00	39.41 3.48 0.00	44.27 3.88 0.00	49.62 4.01 0.00	52.37 4.28 0.00	57.53 4.70 0.00	61.95 5.48 0.00	69.58 6.21 0.00	77.51 6.92 0.00	103.91 9.54 -6.06	124.25 10.87 -5.72	99.96 8.72 -0.36	77.57 6.27 0.00	69.17 5.48 0.00	59.71 4.78 0.00	48.58 4.01 0.00	41.77 3.17 0.00

CHESTROR_138KV_BK263 355645	33.92 1.83 0.00	31.86 1.72 0.00	31.57 1.56 0.00	30.12 1.49 0.00	29.74 1.47 0.00	30.41 1.48 0.00	31.93 1.66 0.00	35.78 1.93 0.00	37.97 2.05 0.00	42.61 2.22 0.00	47.93 2.33 0.00	50.59 2.50 0.00	55.68 2.85 0.00	59.86 3.39 0.00	67.30 3.93 0.00	74.97 4.38 0.00	87.76 5.92 6.47	112.49 7.00 2.17	96.80 5.63 -0.28	75.44 4.14 0.00	67.26 3.57 0.00	58.07 3.13 0.00	47.15 2.58 0.00	40.65 2.05 0.00
CH_MIDHUDSON___DRP 24192	34.31 2.21 0.00	32.22 2.08 0.00	31.90 1.89 0.00	30.43 1.80 0.00	30.05 1.78 0.00	30.73 1.79 0.00	32.26 2.00 0.00	36.12 2.27 0.00	38.36 2.44 0.00	42.98 2.59 0.00	48.39 2.78 0.00	51.12 3.03 0.00	56.31 3.49 0.00	60.59 4.12 0.00	68.19 4.82 0.00	75.89 5.29 0.00	96.54 7.15 -1.07	118.60 8.61 -2.32	98.17 7.00 -0.29	76.43 5.13 0.00	68.15 4.46 0.00	58.84 3.90 0.00	47.73 3.16 0.00	41.08 2.47 0.00
CH_MISC_IPPS 23765	34.50 2.41 0.00	32.43 2.29 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.96 2.02 0.00	32.44 2.18 0.00	36.26 2.40 0.00	38.36 2.44 0.00	43.14 2.75 0.00	48.57 2.96 0.00	51.31 3.22 0.00	56.58 3.75 0.00	60.88 4.41 0.00	68.45 5.07 0.00	76.24 5.65 0.00	96.08 7.77 0.00	118.54 9.36 -1.51	98.78 7.63 -0.27	76.93 5.63 0.00	68.53 4.84 0.00	59.17 4.23 0.00	48.09 3.52 0.00	41.35 2.74 0.00
CH_RES_BVR_FALLS 23983	31.67 -0.42 0.00	29.78 -0.36 0.00	29.68 -0.33 0.00	28.29 -0.34 0.00	27.93 -0.34 0.00	28.56 -0.38 0.00	29.90 -0.36 0.00	33.11 -0.74 0.00	35.13 -0.79 0.00	39.62 -0.77 0.00	44.79 -0.82 0.00	47.03 -1.06 0.00	51.51 -1.32 0.00	54.89 -1.58 0.00	57.50 -1.84 4.03	53.65 -2.12 14.83	58.12 -2.56 27.63	73.22 -2.90 31.54	74.54 -2.45 13.89	69.52 -1.78 0.00	62.10 -1.59 0.00	53.45 -1.48 0.00	43.41 -1.16 0.00	37.76 -0.85 0.00
CH_RES_NIAGARA 23895	31.45 -0.64 0.00	29.06 -1.09 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.22 0.00	27.78 -1.16 0.00	29.11 -1.15 0.00	32.06 -1.79 0.00	33.87 -2.05 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.69 -1.39 0.00	51.03 -1.80 0.00	54.44 -2.03 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.13 -2.80 0.00	42.56 -2.01 0.00	37.49 -1.12 0.00
CH_RES_SYRACUSE 23985	33.45 0.23 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.41 0.14 -1.42	37.75 0.07 -1.76	42.92 0.08 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.93 0.28 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.87 0.55 -8.44	77.88 0.43 -6.15	68.53 0.32 -4.51	58.97 0.28 -3.76	47.30 0.31 -2.42	40.54 0.16 -1.77
CLINTON_WT_PWR 323605	31.32 -0.77 0.00	29.42 -0.72 0.00	29.32 -0.69 0.00	27.97 -0.66 0.00	27.62 -0.65 0.00	28.30 -0.64 0.00	29.78 -0.49 0.00	33.28 -0.58 0.00	35.38 -0.54 0.00	39.86 -0.53 0.00	45.11 -0.50 0.00	46.55 -1.54 0.00	50.61 -2.22 0.00	53.82 -2.65 0.00	57.42 -3.36 2.59	57.12 -3.95 9.52	65.53 -5.03 17.75	81.15 -6.25 20.27	76.78 -5.18 8.92	67.67 -3.63 0.00	60.57 -3.12 0.00	52.08 -2.86 0.00	42.70 -1.87 0.00	37.72 -0.89 0.00
CLINTON___LFGE 323618	31.58 -0.51 0.00	29.69 -0.45 0.00	29.59 -0.42 0.00	28.23 -0.40 0.00	27.87 -0.40 0.00	28.56 -0.38 0.00	30.08 -0.18 0.00	33.62 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.56 -0.05 0.00	46.65 -1.44 0.00	50.56 -2.27 0.00	53.70 -2.77 0.00	57.19 -3.61 2.58	56.88 -4.23 9.48	65.36 -5.30 17.66	81.04 -6.46 20.16	76.64 -5.36 8.88	67.52 -3.78 0.00	60.57 -3.12 0.00	51.91 -3.02 0.00	42.74 -1.83 0.00	38.07 -0.54 0.00
COBBLENY_34_KV_TB1 80064	32.83 0.74 0.00	30.30 0.15 0.00	30.01 0.00 0.00	28.48 -0.14 0.00	28.15 -0.11 0.00	28.93 0.00 0.00	30.35 0.09 0.00	33.65 -0.20 0.00	35.60 -0.32 0.00	40.51 0.12 0.00	46.66 1.05 0.00	49.29 1.20 0.00	53.94 1.11 0.00	57.65 1.19 0.00	63.75 0.38 0.00	72.22 1.62 0.00	89.99 1.68 0.00	108.09 0.43 0.00	91.79 0.91 0.00	72.65 1.35 0.00	63.12 -0.57 0.00	54.88 -0.05 0.00	44.70 0.13 0.00	39.30 0.69 0.00
COFFEEN___115KV_TB3 355620	33.56 0.39 -1.08	31.17 0.27 -0.76	30.94 0.21 -0.72	29.29 0.17 -0.49	28.93 0.23 -0.43	29.82 0.35 -0.54	31.60 0.58 -0.76	35.61 0.41 -1.36	37.82 0.22 -1.68	42.89 0.16 -2.34	49.16 0.46 -3.10	52.26 0.67 -3.50	57.43 0.85 -3.76	60.58 0.11 -3.99	67.76 -0.51 -4.90	75.75 -0.71 -5.87	94.27 -0.88 -6.85	115.90 0.00 -8.24	99.58 0.64 -8.06	78.38 1.21 -5.87	69.09 1.08 -4.31	59.24 0.71 -3.59	47.28 0.40 -2.31	41.07 0.77 -1.69
COLDSPRG_115KV_BK1 355956	34.15 2.05 0.00	31.44 1.30 0.00	31.12 1.11 0.00	29.46 0.83 0.00	29.11 0.85 0.00	30.03 1.10 0.00	31.60 1.33 0.00	35.27 1.42 0.00	37.36 1.44 0.00	42.45 2.06 0.00	49.07 3.47 0.00	51.84 3.75 0.00	56.79 3.96 0.00	60.70 4.24 0.00	66.99 3.61 0.00	75.68 5.08 0.00	94.05 5.74 0.00	112.40 4.74 0.00	95.70 4.82 0.00	75.79 4.49 0.00	65.73 2.04 0.00	57.13 2.20 0.00	46.57 2.01 0.00	40.96 2.36 0.00
COLONIE_LFGE___ 323577	33.63 1.54 0.00	31.59 1.45 0.00	31.42 1.41 0.00	29.97 1.35 0.00	29.60 1.33 0.00	30.24 1.30 0.00	31.56 1.30 0.00	35.41 1.56 0.00	37.39 1.47 0.00	42.01 1.62 0.00	47.34 1.73 0.00	50.01 1.93 0.00	55.05 2.22 0.00	59.01 2.54 0.00	66.60 3.23 0.00	74.19 3.60 0.00	93.67 4.24 -1.12	129.71 5.59 -16.45	98.46 4.90 -2.67	75.08 3.78 0.00	67.20 3.50 0.00	57.90 2.96 0.00	46.66 2.10 0.00	40.35 1.74 0.00
COOPERNY_115KV_TB1 80082	33.44 1.35 0.00	31.41 1.27 0.00	31.15 1.14 0.00	29.74 1.12 0.00	29.34 1.07 0.00	30.03 1.10 0.00	31.47 1.21 0.00	35.27 1.42 0.00	37.47 1.54 0.00	42.05 1.66 0.00	47.34 1.73 0.00	50.01 1.92 0.00	54.99 2.17 0.00	58.95 2.48 0.00	66.29 2.92 0.00	73.77 3.18 0.00	90.07 4.33 2.56	111.20 5.06 1.52	94.97 4.09 0.00	74.22 2.92 0.00	66.31 2.61 0.00	57.24 2.31 0.00	46.48 1.92 0.00	40.15 1.54 0.00
COPENHAGEN_WT_PWR 323753	33.29 0.06 -1.14	30.94 0.00 -0.79	30.71 -0.06 -0.76	29.06 -0.09 -0.52	28.69 -0.03 -0.46	29.56 0.06 -0.57	31.34 0.27 -0.80	35.31 0.03 -1.42	37.65 -0.04 -1.76	42.68 -0.16 -2.45	48.90 0.05 -3.25	51.95 0.19 -3.67	57.14 0.37 -3.94	60.38 -0.28 -4.19	67.23 -0.83 -4.68	74.03 -1.06 -4.50	90.99 -1.42 -4.09	111.91 -0.87 -5.11	97.60 -0.18 -6.90	77.89 0.43 -6.16	68.60 0.38 -4.52	58.86 0.17 -3.76	47.03 0.04 -2.42	40.69 0.31 -1.78
CORNELL_____ 23752	33.90 1.19 -0.62	31.54 0.96 -0.44	31.30 0.87 -0.42	29.71 0.80 -0.28	29.31 0.79 -0.25	30.11 0.87 -0.31	31.70 1.00 -0.44	35.75 1.12 -0.78	38.08 1.19 -0.97	43.19 1.45 -1.35	49.17 1.78 -1.78	52.07 1.97 -2.01	57.16 2.17 -2.16	60.91 2.15 -2.30	68.41 2.22 -2.82	76.65 2.68 -3.38	95.70 3.44 -3.94	116.71 4.31 -4.74	99.43 3.91 -4.64	77.89 3.21 -3.38	68.98 2.80 -2.48	59.36 2.36 -2.07	47.81 1.92 -1.33	41.20 1.62 -0.98

CORONA__69_KV_TB1 355595	39.27 3.24 -3.94	38.37 2.92 -5.31	37.21 2.70 -4.50	37.13 2.55 -5.95	37.15 2.49 -6.40	37.11 2.55 -5.63	37.64 2.88 -4.51	37.84 3.45 -0.54	39.58 3.66 0.00	43.95 3.55 0.00	49.67 4.06 0.00	52.75 4.66 0.00	57.85 5.02 0.00	62.45 5.99 0.00	71.47 6.65 -1.44	77.93 7.34 0.00	104.40 9.98 -6.11	125.14 11.74 -5.75	100.69 9.45 -0.36	78.36 7.06 0.00	74.89 6.24 -4.95	64.20 5.55 -3.71	49.16 4.59 0.00	42.31 3.71 0.00
CORTLAND__115KV_TB3 80093	33.68 0.96 -0.62	31.33 0.75 -0.43	31.12 0.69 -0.42	29.54 0.63 -0.28	29.14 0.62 -0.25	29.94 0.69 -0.31	31.52 0.82 -0.44	35.51 0.88 -0.78	37.86 0.97 -0.97	42.91 1.17 -1.34	48.85 1.46 -1.78	51.73 1.63 -2.01	56.83 1.85 -2.16	60.57 1.81 -2.29	68.09 1.90 -2.81	76.22 2.26 -3.37	95.07 2.83 -3.93	115.84 3.45 -4.73	98.60 3.09 -4.63	77.24 2.57 -3.37	68.34 2.17 -2.48	58.86 1.87 -2.06	47.41 1.52 -1.33	40.89 1.31 -0.97
COXSACKIE__GT 23611	34.43 2.34 0.00	32.47 2.32 0.00	32.23 2.22 0.00	30.72 2.09 0.00	30.33 2.06 0.00	31.02 2.08 0.00	32.35 2.09 0.00	35.31 1.45 0.00	37.46 1.54 0.00	41.89 1.50 0.00	47.30 1.69 0.00	49.24 1.15 0.00	54.57 1.74 0.00	58.16 1.69 0.00	65.78 2.41 0.00	73.29 3.25 0.55	92.41 4.06 -0.03	93.59 6.03 20.09	93.23 5.82 3.47	75.72 4.42 0.00	67.83 4.14 0.00	58.23 3.30 0.00	47.15 2.58 0.00	41.23 2.63 0.00
CPV_VALLEY__CC1 323721	33.63 1.54 0.00	31.59 1.45 0.00	31.30 1.29 0.00	29.86 1.23 0.00	29.48 1.21 0.00	30.21 1.27 0.00	31.66 1.39 0.00	35.54 1.69 0.00	37.61 1.69 0.00	42.29 1.90 0.00	47.57 1.96 0.00	50.25 2.17 0.00	55.26 2.43 0.00	59.40 2.93 0.00	66.79 3.42 0.00	74.33 3.74 0.00	89.35 5.03 3.99	112.63 5.92 0.95	95.93 4.81 -0.24	74.72 3.42 0.00	66.69 2.99 0.00	57.63 2.69 0.00	46.79 2.23 0.00	40.30 1.70 0.00
CPV_VALLEY__CC2 323722	33.63 1.54 0.00	31.59 1.45 0.00	31.30 1.29 0.00	29.86 1.23 0.00	29.48 1.21 0.00	30.21 1.27 0.00	31.66 1.39 0.00	35.54 1.69 0.00	37.61 1.69 0.00	42.29 1.90 0.00	47.57 1.96 0.00	50.25 2.17 0.00	55.26 2.43 0.00	59.40 2.93 0.00	66.79 3.42 0.00	74.33 3.74 0.00	89.35 5.03 3.99	112.63 5.92 0.95	95.93 4.81 -0.24	74.72 3.42 0.00	66.69 2.99 0.00	57.63 2.69 0.00	46.79 2.23 0.00	40.30 1.70 0.00
CRESCENT__HYD 24018	33.63 1.54 0.00	31.59 1.45 0.00	31.42 1.41 0.00	29.97 1.35 0.00	29.60 1.33 0.00	30.24 1.30 0.00	31.56 1.30 0.00	35.41 1.56 0.00	37.39 1.47 0.00	42.01 1.62 0.00	47.34 1.73 0.00	50.01 1.93 0.00	55.05 2.22 0.00	59.01 2.54 0.00	66.60 3.23 0.00	74.19 3.60 0.00	93.67 4.24 -1.12	129.71 5.59 -16.45	98.46 4.90 -2.67	75.08 3.78 0.00	67.20 3.50 0.00	57.90 2.96 0.00	46.66 2.10 0.00	40.35 1.74 0.00
CRICKET__VALLEY_CC1 323756	33.98 1.89 0.00	31.92 1.78 0.00	31.66 1.65 0.00	30.20 1.57 0.00	29.82 1.55 0.00	30.52 1.59 0.00	31.93 1.66 0.00	35.95 2.10 0.00	37.93 2.01 0.00	42.61 2.22 0.00	47.93 2.32 0.00	50.68 2.59 0.00	55.73 2.90 0.00	60.09 3.62 0.00	67.62 4.25 0.00	75.32 4.73 0.00	97.14 6.09 -2.74	119.80 7.53 -4.61	97.47 6.09 -0.50	75.79 4.49 0.00	67.64 3.95 0.00	58.40 3.46 0.00	47.29 2.72 0.00	40.65 2.04 0.00
CRICKET__VALLEY_CC2 323757	33.98 1.89 0.00	31.92 1.78 0.00	31.66 1.65 0.00	30.20 1.57 0.00	29.82 1.55 0.00	30.52 1.59 0.00	31.93 1.66 0.00	35.95 2.10 0.00	37.93 2.01 0.00	42.61 2.22 0.00	47.93 2.32 0.00	50.68 2.59 0.00	55.73 2.90 0.00	60.09 3.62 0.00	67.62 4.25 0.00	75.32 4.73 0.00	97.14 6.09 -2.74	119.80 7.53 -4.61	97.47 6.09 -0.50	75.79 4.49 0.00	67.64 3.95 0.00	58.40 3.46 0.00	47.29 2.72 0.00	40.65 2.04 0.00
CRICKET__VALLEY_CC3 323758	33.98 1.89 0.00	31.92 1.78 0.00	31.66 1.65 0.00	30.20 1.57 0.00	29.82 1.55 0.00	30.52 1.59 0.00	31.93 1.66 0.00	35.95 2.10 0.00	37.93 2.01 0.00	42.61 2.22 0.00	47.93 2.32 0.00	50.68 2.59 0.00	55.73 2.90 0.00	60.09 3.62 0.00	67.62 4.25 0.00	75.32 4.73 0.00	97.14 6.09 -2.74	119.80 7.53 -4.61	97.47 6.09 -0.50	75.79 4.49 0.00	67.64 3.95 0.00	58.40 3.46 0.00	47.29 2.72 0.00	40.65 2.04 0.00
CRUCIBLE__METL_DRP 24180	33.45 0.22 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.44 0.17 -1.42	37.86 0.18 -1.76	42.96 0.12 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.99 0.34 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.86 0.55 -8.44	77.87 0.43 -6.15	68.53 0.32 -4.51	58.97 0.27 -3.76	47.25 0.27 -2.42	40.54 0.15 -1.77
DAHOWA__HYDRO 323763	34.24 2.15 0.00	32.13 1.99 0.00	31.93 1.92 0.00	30.40 1.78 0.00	30.05 1.78 0.00	30.73 1.79 0.00	32.14 1.88 0.00	35.92 2.07 0.00	38.08 2.16 0.00	42.81 2.42 0.00	48.07 2.46 0.00	50.73 2.64 0.00	55.84 3.01 0.00	59.46 2.99 0.00	67.30 3.93 0.00	75.12 4.52 0.00	94.65 5.30 -1.05	125.34 7.10 -10.58	99.39 6.82 -1.68	76.86 5.57 0.00	69.05 5.35 0.00	59.22 4.29 0.00	47.60 3.03 0.00	41.15 2.55 0.00
DANC__LFGE 323619	33.46 -0.06 -1.43	30.99 -0.15 -1.00	30.78 -0.18 -0.95	29.08 -0.20 -0.65	28.67 -0.17 -0.57	29.56 -0.09 -0.71	31.30 0.03 -1.01	35.47 -0.17 -1.79	37.96 -0.18 -2.22	43.19 -0.28 -3.08	49.55 -0.14 -4.08	52.69 0.00 -4.60	57.83 0.05 -4.95	61.39 -0.34 -5.26	68.76 -0.76 -6.14	76.22 -0.99 -6.61	93.93 -1.32 -6.94	115.17 -0.97 -8.48	100.00 -0.45 -9.57	79.03 0.00 -7.73	69.31 -0.06 -5.68	59.61 -0.05 -4.73	47.52 -0.09 -3.04	40.88 0.04 -2.23
DANSKAMMER__1 23586	34.50 2.41 0.00	32.43 2.29 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.96 2.02 0.00	32.44 2.18 0.00	36.26 2.40 0.00	38.36 2.44 0.00	43.14 2.75 0.00	48.57 2.96 0.00	51.31 3.22 0.00	56.58 3.75 0.00	60.88 4.41 0.00	68.45 5.07 0.00	76.24 5.65 0.00	96.08 7.77 0.00	118.54 9.36 -1.51	98.78 7.63 -0.27	76.93 5.63 0.00	68.53 4.84 0.00	59.17 4.23 0.00	48.09 3.52 0.00	41.35 2.74 0.00
DANSKAMMER__2 23589	34.50 2.41 0.00	32.43 2.29 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.96 2.02 0.00	32.44 2.18 0.00	36.26 2.40 0.00	38.36 2.44 0.00	43.14 2.75 0.00	48.57 2.96 0.00	51.31 3.22 0.00	56.58 3.75 0.00	60.88 4.41 0.00	68.45 5.07 0.00	76.24 5.65 0.00	96.08 7.77 0.00	118.54 9.36 -1.51	98.78 7.63 -0.27	76.93 5.63 0.00	68.53 4.84 0.00	59.17 4.23 0.00	48.09 3.52 0.00	41.35 2.74 0.00
DANSKAMMER__3 23590	34.50 2.41 0.00	32.43 2.29 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.96 2.02 0.00	32.44 2.18 0.00	36.26 2.40 0.00	38.36 2.44 0.00	43.14 2.75 0.00	48.57 2.96 0.00	51.31 3.22 0.00	56.58 3.75 0.00	60.88 4.41 0.00	68.45 5.07 0.00	76.24 5.65 0.00	96.08 7.77 0.00	118.54 9.36 -1.51	98.78 7.63 -0.27	76.93 5.63 0.00	68.53 4.84 0.00	59.17 4.23 0.00	48.09 3.52 0.00	41.35 2.74 0.00

DANSKAMMER___4 23591	34.50 2.41 0.00	32.43 2.29 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.96 2.02 0.00	32.44 2.18 0.00	36.26 2.40 0.00	38.36 2.44 0.00	43.14 2.75 0.00	48.57 2.96 0.00	51.31 3.22 0.00	56.58 3.75 0.00	60.88 4.41 0.00	68.45 5.07 0.00	76.24 5.65 0.00	96.08 7.77 0.00	118.54 9.36 -1.51	98.78 7.63 -0.27	76.93 5.63 0.00	68.53 4.84 0.00	59.17 4.23 0.00	48.09 3.52 0.00	41.35 2.74 0.00
DANSKAMMER___DIESEL 23592	34.50 2.41 0.00	32.44 2.29 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.90 1.97 0.00	32.44 2.18 0.00	36.22 2.37 0.00	38.47 2.55 0.00	43.14 2.75 0.00	48.57 2.96 0.00	51.31 3.22 0.00	56.58 3.75 0.00	60.87 4.40 0.00	68.44 5.07 0.00	76.24 5.65 0.00	96.17 7.86 0.00	118.54 9.37 -1.51	98.78 7.63 -0.27	76.93 5.63 0.00	68.54 4.84 0.00	59.11 4.18 0.00	48.04 3.48 0.00	41.35 2.74 0.00
DARBY___SOLAR 323810	34.11 2.02 0.00	32.01 1.87 0.00	31.84 1.83 0.00	30.32 1.69 0.00	29.93 1.67 0.00	30.64 1.71 0.00	32.02 1.75 0.00	35.78 1.93 0.00	37.93 2.01 0.00	42.65 2.26 0.00	47.93 2.32 0.00	50.59 2.50 0.00	55.73 2.90 0.00	59.40 2.93 0.00	67.18 3.80 0.00	74.97 4.38 0.00	94.49 5.12 -1.06	125.78 6.79 -11.33	99.15 6.45 -1.81	76.50 5.20 0.00	68.60 4.90 0.00	58.94 4.01 0.00	47.38 2.81 0.00	41.00 2.39 0.00
DASHVILLE___HYD 23610	34.11 2.02 0.00	32.07 1.93 0.00	31.75 1.74 0.00	30.32 1.69 0.00	29.91 1.64 0.00	30.55 1.62 0.00	32.05 1.79 0.00	35.78 1.93 0.00	37.97 2.05 0.00	42.53 2.14 0.00	47.89 2.28 0.00	50.59 2.50 0.00	55.84 3.01 0.00	60.03 3.56 0.00	67.49 4.12 0.00	75.59 5.15 0.15	95.28 7.15 0.18	111.62 8.40 4.44	96.95 6.82 0.75	75.65 4.35 0.00	67.39 3.69 0.00	58.29 3.35 0.00	47.46 2.90 0.00	40.81 2.20 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	40.50 4.46 -3.95	39.49 4.04 -5.31	38.17 3.66 -4.50	38.07 3.49 -5.95	38.17 3.51 -6.40	38.15 3.59 -5.63	38.79 4.03 -4.51	39.20 4.81 -0.54	41.25 5.32 -0.01	45.44 5.05 0.00	57.66 6.57 -5.49	141.05 7.41 -85.56	148.73 8.19 -87.71	164.96 9.26 -99.23	240.91 10.20 -167.33	243.31 10.66 -162.06	288.85 14.31 -186.23	268.14 16.90 -143.58	311.94 13.63 -207.43	191.22 10.98 -108.94	144.13 9.43 -71.01	140.76 7.91 -77.91	50.37 5.79 0.00	43.36 4.75 0.00
DELAWARE___LFGE 323621	33.61 1.32 -0.20	31.52 1.24 -0.14	31.38 1.23 -0.13	29.92 1.20 -0.09	29.56 1.22 -0.08	30.31 1.27 -0.10	31.68 1.27 -0.14	35.46 1.35 -0.25	37.67 1.44 -0.31	42.48 1.66 -0.44	48.05 1.87 -0.58	50.81 2.07 -0.65	55.90 2.38 -0.70	59.58 2.37 -0.74	67.01 2.73 -0.91	74.65 2.96 -1.09	92.89 3.71 -0.87	113.48 4.52 -1.29	96.20 3.82 -1.50	75.32 2.92 -1.09	67.17 2.68 -0.80	57.91 2.31 -0.67	46.82 1.83 -0.43	40.58 1.66 -0.32
DERFIELD_115KV_TB7 355931	32.38 0.29 0.00	30.42 0.27 0.00	30.28 0.27 0.00	28.89 0.26 0.00	28.52 0.25 0.00	29.19 0.26 0.00	30.51 0.24 0.00	34.16 0.30 0.00	36.21 0.29 0.00	40.71 0.32 0.00	45.97 0.36 0.00	48.52 0.43 0.00	53.30 0.48 0.00	56.98 0.51 0.00	64.01 0.63 0.00	71.30 0.71 0.00	89.19 0.88 0.00	108.74 1.08 0.00	91.79 0.91 0.00	72.01 0.71 0.00	64.33 0.64 0.00	55.48 0.55 0.00	44.97 0.40 0.00	38.95 0.35 0.00
DOGLEVILLE___HYD 23807	32.86 0.77 0.00	30.87 0.72 0.00	30.70 0.69 0.00	29.29 0.66 0.00	28.92 0.65 0.00	29.63 0.69 0.00	30.99 0.73 0.00	34.63 0.78 0.00	36.75 0.83 0.00	41.32 0.93 0.00	46.61 1.00 0.00	49.19 1.11 0.00	54.20 1.37 0.00	57.66 1.19 0.00	64.77 1.27 -0.13	72.49 1.41 -0.49	90.98 1.77 -0.91	111.06 2.37 -1.04	93.25 1.91 -0.46	72.80 1.50 0.00	65.03 1.34 0.00	56.09 1.16 0.00	45.55 0.98 0.00	39.61 1.00 0.00
DUNKIRK___115KV_TB_200 55889	33.34 1.25 0.00	30.78 0.63 0.00	30.46 0.45 0.00	28.86 0.23 0.00	28.52 0.25 0.00	29.34 0.41 0.00	30.81 0.54 0.00	34.22 0.37 0.00	36.28 0.36 0.00	41.32 0.93 0.00	47.66 2.05 0.00	50.30 2.21 0.00	55.05 2.22 0.00	58.78 2.32 0.00	64.96 1.58 0.00	73.49 2.89 0.00	91.49 3.18 0.00	109.71 2.05 0.00	93.33 2.45 0.00	73.87 2.57 0.00	64.14 0.45 0.00	55.87 0.93 0.00	45.55 0.98 0.00	40.04 1.43 0.00
DUNKIRK___1 23563	33.34 1.25 0.00	30.78 0.63 0.00	30.46 0.45 0.00	28.86 0.23 0.00	28.52 0.25 0.00	29.34 0.41 0.00	30.81 0.54 0.00	34.22 0.37 0.00	36.28 0.36 0.00	41.32 0.93 0.00	47.66 2.05 0.00	50.30 2.21 0.00	55.05 2.22 0.00	58.78 2.32 0.00	64.96 1.58 0.00	73.49 2.89 0.00	91.49 3.18 0.00	109.71 2.05 0.00	93.33 2.45 0.00	73.87 2.57 0.00	64.14 0.45 0.00	55.87 0.93 0.00	45.55 0.98 0.00	40.04 1.43 0.00
DUNKIRK___2 23564	33.34 1.25 0.00	30.78 0.63 0.00	30.46 0.45 0.00	28.86 0.23 0.00	28.52 0.25 0.00	29.34 0.41 0.00	30.81 0.54 0.00	34.22 0.37 0.00	36.28 0.36 0.00	41.32 0.93 0.00	47.66 2.05 0.00	50.30 2.21 0.00	55.05 2.22 0.00	58.78 2.32 0.00	64.96 1.58 0.00	73.49 2.89 0.00	91.49 3.18 0.00	109.71 2.05 0.00	93.33 2.45 0.00	73.87 2.57 0.00	64.14 0.45 0.00	55.87 0.93 0.00	45.55 0.98 0.00	40.04 1.43 0.00
DUNKIRK___3 23565	33.05 0.96 0.00	30.54 0.39 0.00	30.22 0.21 0.00	28.66 0.03 0.00	28.32 0.06 0.00	29.14 0.20 0.00	30.57 0.30 0.00	33.95 0.10 0.00	35.96 0.04 0.00	40.92 0.53 0.00	47.16 1.55 0.00	49.77 1.68 0.00	54.47 1.64 0.00	58.16 1.69 0.00	64.26 0.89 0.00	72.78 2.19 0.00	90.61 2.30 0.00	108.74 1.08 0.00	92.52 1.64 0.00	73.15 1.85 0.00	63.57 -0.13 0.00	55.32 0.38 0.00	45.15 0.58 0.00	39.65 1.04 0.00
DUNKIRK___4 23566	33.05 0.96 0.00	30.54 0.39 0.00	30.22 0.21 0.00	28.66 0.03 0.00	28.32 0.06 0.00	29.14 0.20 0.00	30.57 0.30 0.00	33.95 0.10 0.00	35.96 0.04 0.00	40.92 0.53 0.00	47.16 1.55 0.00	49.77 1.68 0.00	54.47 1.64 0.00	58.16 1.69 0.00	64.26 0.89 0.00	72.78 2.19 0.00	90.61 2.30 0.00	108.74 1.08 0.00	92.52 1.64 0.00	73.15 1.85 0.00	63.57 -0.13 0.00	55.32 0.38 0.00	45.15 0.58 0.00	39.65 1.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.56 2.47 0.00	32.41 2.26 0.00	32.05 2.04 0.00	30.57 1.95 0.00	30.16 1.89 0.00	30.87 1.94 0.00	32.53 2.27 0.00	36.66 2.81 0.00	38.94 3.02 0.00	43.62 3.23 0.00	49.03 3.42 0.00	51.79 3.70 0.00	56.90 4.07 0.00	61.32 4.86 0.00	68.95 5.58 0.00	76.73 6.14 0.00	102.75 8.39 -6.05	123.17 9.80 -5.71	99.24 8.00 -0.36	77.15 5.85 0.00	68.79 5.10 0.00	59.33 4.39 0.00	48.18 3.61 0.00	41.43 2.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.18 2.09 0.00	32.10 1.96 0.00	31.81 1.80 0.00	30.35 1.72 0.00	29.93 1.67 0.00	30.61 1.68 0.00	32.14 1.88 0.00	35.95 2.10 0.00	38.18 2.26 0.00	42.81 2.42 0.00	48.21 2.60 0.00	50.88 2.79 0.00	56.05 3.22 0.00	60.25 3.78 0.00	67.75 4.37 0.00	75.46 4.87 0.00	92.93 6.71 2.10	115.69 7.97 -0.07	97.65 6.54 -0.23	76.08 4.78 0.00	67.77 4.08 0.00	58.51 3.57 0.00	47.55 2.99 0.00	40.96 2.36 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.99 2.89 -0.01	32.74 2.59 -0.01	32.36 2.34 -0.01	30.83 2.20 0.00	30.42 2.15 0.00	30.90 1.97 0.00	32.59 2.33 0.00	36.76 2.91 0.00	39.11 3.20 0.01	43.82 3.43 0.00	49.07 3.47 0.00	51.69 3.61 0.00	56.68 3.86 0.00	61.04 4.57 0.00	68.44 5.07 0.00	76.24 5.65 0.00	102.58 8.21 -6.06	122.64 9.26 -5.72	98.69 7.45 -0.36	76.50 5.20 0.00	68.08 4.39 0.01	58.95 4.01 0.00	48.36 3.79 0.00	41.86 3.24 -0.01
E179THST_13_KV_LOAD 356214	35.21 3.11 -0.01	32.96 2.80 -0.01	32.57 2.55 -0.01	31.00 2.38 0.00	30.58 2.32 0.00	31.08 2.14 0.00	32.81 2.54 0.00	37.00 3.15 0.00	39.36 3.45 0.01	44.11 3.72 0.00	49.39 3.79 0.00	52.08 3.99 0.00	57.11 4.28 0.00	61.49 5.03 0.00	68.95 5.58 0.00	76.81 6.21 0.00	103.38 9.01 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.59 4.90 0.01	59.38 4.45 0.00	48.71 4.14 0.00	42.13 3.51 -0.01
EAST HAMPTON___GT 23717	40.95 4.91 -3.95	39.85 4.40 -5.31	38.53 4.02 -4.50	38.44 3.86 -5.95	38.57 3.90 -6.40	38.67 4.11 -5.63	39.28 4.51 -4.51	39.77 5.38 -0.54	41.68 5.75 -0.01	46.29 5.90 0.00	58.58 7.48 -5.49	142.27 8.61 -85.58	149.91 9.35 -87.73	166.28 10.56 -99.25	242.27 11.54 -167.36	244.19 11.51 -162.09	289.33 14.75 -186.27	269.03 17.76 -143.60	312.71 14.35 -207.47	192.39 12.12 -108.96	144.97 10.26 -71.02	141.54 8.68 -77.93	50.90 6.33 0.00	43.79 5.18 0.00
EAST RIVER___6 23660	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.60 1.97 0.00	30.16 1.89 0.00	30.90 1.97 0.00	32.59 2.33 0.00	36.83 2.98 0.00	39.04 3.12 0.00	43.98 3.59 0.00	49.26 3.65 0.00	52.03 3.94 0.00	57.00 4.17 0.00	61.44 4.97 0.00	69.01 5.64 0.00	76.87 6.28 0.00	103.12 8.74 -6.06	123.28 9.90 -5.72	99.14 7.90 -0.36	76.93 5.63 0.00	68.67 4.97 0.00	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
EAST RIVER___7 23524	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.60 1.97 0.00	30.16 1.89 0.00	30.90 1.97 0.00	32.59 2.33 0.00	36.83 2.98 0.00	39.04 3.12 0.00	43.98 3.59 0.00	49.26 3.65 0.00	52.03 3.94 0.00	57.00 4.17 0.00	61.44 4.97 0.00	69.01 5.64 0.00	76.87 6.28 0.00	103.12 8.74 -6.06	123.28 9.90 -5.72	99.14 7.90 -0.36	76.93 5.63 0.00	68.67 4.97 0.00	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.47 2.37 0.00	32.31 2.17 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.79 1.85 0.00	32.41 2.15 0.00	36.53 2.67 0.00	38.79 2.87 0.00	43.50 3.11 0.00	48.89 3.28 0.00	51.60 3.51 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.76 5.39 0.00	76.52 5.93 0.00	102.90 8.12 -6.46	123.08 9.47 -5.95	98.87 7.63 -0.36	76.86 5.56 0.00	68.54 4.84 0.00	59.17 4.23 0.00	48.04 3.48 0.00	41.31 2.70 0.00
EAST_HAMPTON___DIESEL 23722	40.92 4.88 -3.95	39.85 4.40 -5.31	38.53 4.02 -4.50	38.44 3.86 -5.95	38.57 3.90 -6.40	38.67 4.11 -5.63	39.28 4.51 -4.51	39.77 5.38 -0.54	41.68 5.75 -0.01	46.29 5.90 0.00	58.58 7.48 -5.49	142.27 8.61 -85.58	149.91 9.35 -87.73	166.28 10.56 -99.25	242.21 11.47 -167.36	244.12 11.43 -162.09	289.33 14.75 -186.27	269.02 17.76 -143.60	312.62 14.27 -207.47	192.32 12.05 -108.96	144.90 10.19 -71.02	141.49 8.63 -77.93	50.86 6.29 0.00	43.75 5.14 0.00
EAST_POINT___SOLAR 323840	35.30 3.21 0.00	33.16 3.01 0.00	32.92 2.91 0.00	31.35 2.72 0.00	30.98 2.71 0.00	31.74 2.81 0.00	33.17 2.91 0.00	36.22 2.37 0.00	37.82 1.90 0.00	42.01 1.62 0.00	47.38 1.78 0.00	49.96 1.87 0.00	55.10 2.27 0.00	58.33 1.86 0.00	65.84 2.47 0.00	73.56 2.96 0.00	92.42 3.35 -0.75	119.22 7.32 -4.23	100.61 9.09 -0.64	79.42 8.13 0.00	71.40 7.70 0.00	61.09 6.15 0.00	49.25 4.68 0.00	42.66 4.05 0.00
EAST_PULASKI___ESR 323781	33.99 -0.16 -2.06	31.34 -0.24 -1.43	31.08 -0.30 -1.37	29.25 -0.31 -0.94	28.81 -0.28 -0.82	29.73 -0.23 -1.03	31.53 -0.18 -1.45	36.05 -0.37 -2.57	38.76 -0.36 -3.19	44.35 -0.48 -4.44	51.07 -0.41 -5.88	54.43 -0.29 -6.63	59.69 -0.26 -7.13	63.54 -0.51 -7.58	71.75 -0.76 -9.14	80.17 -0.99 -10.56	99.01 -1.24 -11.93	120.79 -1.29 -14.42	104.82 -0.82 -14.76	81.95 -0.50 -11.15	71.43 -0.44 -8.18	61.42 -0.33 -6.81	48.64 -0.31 -4.38	41.56 -0.27 -3.22
EAST_RIVER___1 323558	34.75 2.66 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.24 1.98 0.00	31.02 2.08 0.00	32.69 2.42 0.00	36.90 3.05 0.00	39.08 3.16 0.00	44.03 3.64 0.00	49.35 3.74 0.00	52.13 4.04 0.00	57.16 4.33 0.00	61.61 5.14 0.00	69.20 5.83 0.00	77.02 6.42 0.00	103.29 8.92 -6.06	123.71 10.34 -5.72	99.51 8.27 -0.36	77.21 5.91 0.00	68.85 5.16 0.00	59.49 4.56 0.00	48.44 3.88 0.00	41.62 3.01 0.00
EAST_RIVER___2 323559	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.60 1.97 0.00	30.16 1.89 0.00	30.90 1.97 0.00	32.59 2.33 0.00	36.83 2.98 0.00	39.04 3.12 0.00	43.98 3.59 0.00	49.26 3.65 0.00	52.03 3.94 0.00	57.00 4.17 0.00	61.44 4.97 0.00	69.01 5.64 0.00	76.87 6.28 0.00	103.12 8.74 -6.06	123.28 9.90 -5.72	99.14 7.90 -0.36	76.93 5.63 0.00	68.67 4.97 0.00	59.33 4.40 0.00	48.31 3.74 0.00	41.54 2.93 0.00
EAST___DELAWARE_HYD 23607	33.44 1.35 0.00	31.41 1.27 0.00	31.09 1.08 0.00	29.66 1.03 0.00	29.28 1.02 0.00	30.01 1.07 0.00	31.41 1.15 0.00	35.00 1.15 0.00	37.07 1.15 0.00	41.68 1.29 0.00	46.93 1.32 0.00	49.58 1.49 0.00	54.73 1.90 0.00	57.15 0.68 0.00	64.26 0.89 0.00	71.53 0.99 0.05	88.75 1.94 1.50	109.17 2.37 0.86	92.70 1.82 0.00	72.44 1.14 0.00	64.52 0.83 0.00	57.13 2.20 0.00	46.48 1.92 0.00	40.04 1.43 0.00
EIGHT_POINT___WT_PWR 323820	33.52 1.19 -0.24	31.07 0.75 -0.17	30.77 0.60 -0.16	29.19 0.46 -0.11	28.87 0.51 -0.10	29.84 0.78 -0.12	31.31 0.88 -0.17	35.03 0.88 -0.30	37.84 1.54 -0.37	42.24 1.33 -0.52	48.30 2.00 -0.69	51.07 2.21 -0.77	55.93 2.27 -0.83	59.38 2.03 -0.89	66.10 1.64 -1.09	74.51 2.61 -1.30	92.83 3.00 -1.52	112.28 2.79 -1.83	95.66 2.99 -1.79	75.46 2.85 -1.30	66.37 1.72 -0.96	57.71 1.97 -0.80	46.82 1.74 -0.51	40.57 1.58 -0.38
ELBRIDGE_115KV_TB2 80188	33.40 0.06 -1.24	30.98 -0.03 -0.86	30.75 -0.09 -0.83	29.08 -0.11 -0.56	28.65 -0.11 -0.50	29.47 -0.09 -0.62	31.11 -0.03 -0.87	35.37 -0.03 -1.55	37.81 -0.04 -1.92	43.10 0.04 -2.67	49.28 0.14 -3.54	52.32 0.24 -3.99	57.38 0.26 -4.29	61.26 0.23 -4.56	69.16 0.19 -5.59	77.65 0.35 -6.70	96.58 0.44 -7.83	117.40 0.32 -9.41	100.46 0.36 -9.21	78.37 0.36 -6.71	68.81 0.19 -4.93	59.20 0.16 -4.10	47.38 0.18 -2.64	40.62 0.08 -1.94
ELEC_TRO_TEK 24086	38.95 2.92 -3.94	38.13 2.68 -5.31	36.97 2.46 -4.50	36.90 2.32 -5.95	36.95 2.29 -6.40	36.88 2.31 -5.63	37.43 2.66 -4.51	37.61 3.22 -0.54	39.33 3.41 0.00	43.66 3.27 0.00	49.30 3.69 0.00	52.32 4.23 0.00	57.48 4.65 0.00	62.06 5.59 0.00	71.15 6.34 -1.44	77.51 6.92 0.00	103.87 9.45 -6.11	124.39 10.98 -5.75	100.15 8.91 -0.36	77.93 6.63 0.00	74.50 5.86 -4.95	63.76 5.11 -3.71	48.62 4.06 0.00	41.89 3.28 0.00

ELLENBURG_WT_PWR 323604	31.32 -0.77 0.00	29.42 -0.72 0.00	29.32 -0.69 0.00	27.97 -0.66 0.00	27.62 -0.65 0.00	28.30 -0.64 0.00	29.78 -0.49 0.00	33.28 -0.58 0.00	35.38 -0.54 0.00	39.86 -0.53 0.00	45.11 -0.50 0.00	46.55 -1.54 0.00	50.61 -2.22 0.00	53.82 -2.65 0.00	57.42 -3.36 2.59	57.12 -3.95 9.52	65.53 -5.03 17.75	81.15 -6.25 20.27	76.78 -5.18 8.92	67.67 -3.63 0.00	60.57 -3.12 0.00	52.08 -2.86 0.00	42.70 -1.87 0.00	37.72 -0.89 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.54 0.45 0.00	30.05 -0.09 0.00	29.77 -0.24 0.00	28.26 -0.37 0.00	27.93 -0.34 0.00	28.70 -0.23 0.00	30.11 -0.15 0.00	33.31 -0.54 0.00	35.24 -0.68 0.00	40.11 -0.28 0.00	46.16 0.55 0.00	48.71 0.63 0.00	53.25 0.42 0.00	56.86 0.40 0.00	62.87 -0.51 0.00	71.23 0.64 0.00	88.75 0.44 0.00	106.69 -0.97 0.00	90.61 -0.27 0.00	71.73 0.43 0.00	62.36 -1.34 0.00	54.28 -0.66 0.00	44.26 -0.31 0.00	38.92 0.31 0.00
EMPIRE_CC_1 323656	33.12 1.03 0.00	31.14 0.99 0.00	30.97 0.96 0.00	29.54 0.92 0.00	29.17 0.90 0.00	29.80 0.87 0.00	31.11 0.85 0.00	34.90 1.05 0.00	36.78 0.86 0.00	41.32 0.93 0.00	46.52 0.91 0.00	49.14 1.06 0.00	54.04 1.22 0.00	58.05 1.58 0.00	65.46 2.09 0.00	72.85 2.26 0.00	92.40 2.65 -1.44	124.90 3.66 -13.57	96.03 2.99 -2.15	73.51 2.21 0.00	65.79 2.10 0.00	56.75 1.81 0.00	45.81 1.25 0.00	39.61 1.00 0.00
EMPIRE_CC_2 323658	33.12 1.03 0.00	31.14 0.99 0.00	30.97 0.96 0.00	29.54 0.92 0.00	29.17 0.90 0.00	29.80 0.87 0.00	31.11 0.85 0.00	34.90 1.05 0.00	36.78 0.86 0.00	41.32 0.93 0.00	46.52 0.91 0.00	49.14 1.06 0.00	54.04 1.22 0.00	58.05 1.58 0.00	65.46 2.09 0.00	72.85 2.26 0.00	92.40 2.65 -1.44	124.90 3.66 -13.57	96.03 2.99 -2.15	73.51 2.21 0.00	65.79 2.10 0.00	56.75 1.81 0.00	45.81 1.25 0.00	39.61 1.00 0.00
ENORWICH_115KV_TB1 80156	35.61 3.05 -0.47	33.18 2.71 -0.33	32.87 2.55 -0.31	31.22 2.38 -0.21	30.83 2.37 -0.19	31.71 2.55 -0.23	33.44 2.84 -0.33	37.35 2.91 -0.59	39.59 2.95 -0.73	44.95 3.55 -1.01	51.09 4.15 -1.34	54.26 4.66 -1.51	59.84 5.39 -1.62	62.94 4.74 -1.72	70.62 5.13 -2.11	78.99 5.86 -2.53	98.55 7.59 -2.65	120.94 9.90 -3.37	103.18 8.82 -3.48	81.11 7.27 -2.53	71.86 6.31 -1.86	61.65 5.16 -1.55	49.71 4.14 -1.00	43.47 4.13 -0.73
ERIE_ST__34_KV_TB1-2 80199	32.89 0.80 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.48 -0.14 0.00	28.18 -0.08 0.00	28.99 0.06 0.00	30.42 0.15 0.00	33.72 -0.14 0.00	35.74 -0.18 0.00	40.67 0.28 0.00	46.88 1.28 0.00	49.48 1.39 0.00	54.20 1.37 0.00	57.94 1.47 0.00	64.07 0.70 0.00	72.64 2.05 0.00	90.52 2.21 0.00	108.63 0.97 0.00	92.33 1.45 0.00	72.94 1.64 0.00	63.25 -0.45 0.00	54.99 0.05 0.00	44.83 0.27 0.00	39.42 0.81 0.00
ERIE_WT_PWR 323693	32.77 0.67 0.00	30.27 0.12 0.00	29.98 -0.03 0.00	28.46 -0.17 0.00	28.13 -0.14 0.00	28.96 0.03 0.00	30.32 0.06 0.00	33.55 -0.31 0.00	36.42 0.50 0.00	40.43 0.04 0.00	46.52 0.91 0.00	49.14 1.06 0.00	53.72 0.90 0.00	57.32 0.85 0.00	63.44 0.06 0.00	71.79 1.20 0.00	89.55 1.24 0.00	107.55 -0.11 0.00	91.43 0.55 0.00	72.30 1.00 0.00	62.86 -0.83 0.00	54.77 -0.16 0.00	44.70 0.13 0.00	39.26 0.66 0.00
ESPRGFLD_115KV_TB1 80157	34.34 2.25 0.00	32.25 2.11 0.00	32.05 2.04 0.00	30.55 1.92 0.00	30.22 1.95 0.00	31.02 2.08 0.00	32.50 2.24 0.00	36.05 2.20 0.00	38.15 2.23 0.00	42.90 2.50 0.00	48.48 2.87 0.00	51.26 3.17 0.00	56.53 3.70 0.00	59.86 3.39 0.00	67.30 3.93 0.00	75.04 4.45 0.00	93.98 5.30 -0.37	117.84 7.21 -2.96	98.25 6.91 -0.46	76.93 5.63 0.00	68.85 5.16 0.00	59.11 4.18 0.00	47.87 3.30 0.00	41.58 2.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.86 1.12 -0.65	31.50 0.90 -0.45	31.28 0.84 -0.43	29.67 0.74 -0.29	29.26 0.73 -0.26	30.10 0.84 -0.32	31.66 0.94 -0.46	35.71 1.05 -0.81	38.04 1.11 -1.00	43.16 1.37 -1.39	49.10 1.64 -1.85	52.05 1.88 -2.08	57.13 2.06 -2.24	60.88 2.03 -2.38	68.39 2.09 -2.92	76.63 2.54 -3.50	95.66 3.27 -4.08	116.66 4.09 -4.91	99.41 3.73 -4.81	77.87 3.07 -3.50	68.94 2.68 -2.57	59.33 2.25 -2.14	47.77 1.83 -1.38	41.16 1.54 -1.01
ETNA____115KV_TB2 80207	33.86 1.12 -0.65	31.50 0.90 -0.45	31.28 0.84 -0.43	29.67 0.74 -0.29	29.26 0.73 -0.26	30.10 0.84 -0.32	31.66 0.94 -0.46	35.71 1.05 -0.81	38.04 1.11 -1.00	43.16 1.37 -1.39	49.10 1.64 -1.85	52.05 1.88 -2.08	57.13 2.06 -2.24	60.88 2.03 -2.38	68.39 2.09 -2.92	76.63 2.54 -3.50	95.66 3.27 -4.08	116.66 4.09 -4.91	99.41 3.73 -4.81	77.87 3.07 -3.50	68.94 2.68 -2.57	59.33 2.25 -2.14	47.77 1.83 -1.38	41.16 1.54 -1.01
EUCLID____115KV_TB2 356179	32.46 -0.16 -0.53	30.24 -0.27 -0.37	30.06 -0.30 -0.35	28.55 -0.31 -0.24	28.17 -0.31 -0.21	28.91 -0.29 -0.26	30.36 -0.27 -0.37	34.20 -0.30 -0.66	36.45 -0.29 -0.82	41.28 -0.24 -1.14	46.97 -0.14 -1.50	49.74 -0.05 -1.70	54.60 -0.05 -1.82	58.29 -0.11 -1.94	65.56 -0.19 -2.38	73.37 -0.07 -2.85	91.46 -0.18 -3.32	111.34 -0.32 -4.00	94.52 -0.27 -3.91	74.01 -0.14 -2.85	65.53 -0.25 -2.09	56.46 -0.22 -1.74	45.51 -0.18 -1.12	39.24 -0.19 -0.82
E_CANADA_CAP_HY 24051	34.88 2.79 0.00	32.77 2.62 0.00	32.56 2.55 0.00	31.00 2.37 0.00	30.64 2.37 0.00	31.45 2.52 0.00	32.93 2.66 0.00	36.39 2.54 0.00	38.40 2.48 0.00	42.94 2.55 0.00	48.48 2.88 0.00	51.12 3.03 0.00	56.37 3.54 0.00	59.74 3.27 0.00	67.49 4.12 0.00	75.25 4.66 0.00	94.09 5.12 -0.66	119.44 7.86 -3.92	99.66 8.18 -0.60	78.29 6.99 0.00	70.26 6.56 0.00	60.16 5.22 0.00	48.66 4.10 0.00	42.16 3.55 0.00
E_CANADA_MHWK_HY 24050	32.86 0.77 0.00	30.87 0.72 0.00	30.70 0.69 0.00	29.29 0.66 0.00	28.92 0.65 0.00	29.63 0.69 0.00	30.99 0.73 0.00	34.63 0.78 0.00	36.75 0.83 0.00	41.32 0.93 0.00	46.61 1.00 0.00	49.19 1.11 0.00	54.20 1.37 0.00	57.66 1.19 0.00	64.77 1.27 -0.13	72.49 1.41 -0.49	90.98 1.77 -0.91	111.06 2.37 -1.04	93.25 1.91 -0.46	72.80 1.50 0.00	65.03 1.34 0.00	56.09 1.16 0.00	45.55 0.98 0.00	39.61 1.00 0.00
E_FISHKILL____LBMP 23776	34.11 2.02 0.00	32.01 1.87 0.00	31.72 1.71 0.00	30.26 1.63 0.00	29.88 1.61 0.00	30.55 1.62 0.00	32.08 1.82 0.00	36.09 2.23 0.00	38.29 2.37 0.00	42.90 2.50 0.00	48.25 2.65 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.36 3.90 0.00	67.87 4.50 0.00	75.53 4.94 0.00	97.26 6.71 -2.24	119.04 7.86 -3.52	97.61 6.36 -0.37	75.93 4.63 0.00	67.77 4.08 0.00	58.51 3.57 0.00	47.46 2.90 0.00	40.85 2.24 0.00
FALCON____SEABRD_CC1 323796	31.64 -0.45 0.00	29.75 -0.39 0.00	29.65 -0.36 0.00	28.25 -0.37 0.00	27.90 -0.37 0.00	28.59 -0.35 0.00	30.11 -0.15 0.00	33.65 -0.20 0.00	35.81 -0.11 0.00	40.35 -0.04 0.00	45.65 0.05 0.00	46.31 -1.78 0.00	50.03 -2.80 0.00	53.14 -3.33 0.00	56.60 -4.18 2.59	56.15 -4.94 9.50	64.42 -6.18 17.71	79.80 -7.64 20.22	75.61 -6.36 8.90	66.74 -4.56 0.00	59.81 -3.89 0.00	51.37 -3.57 0.00	42.52 -2.05 0.00	38.10 -0.50 0.00

FALCON___SEABRD_CC2 323797	31.64 -0.45 0.00	29.75 -0.39 0.00	29.65 -0.36 0.00	28.25 -0.37 0.00	27.90 -0.37 0.00	28.59 -0.35 0.00	30.11 -0.15 0.00	33.65 -0.20 0.00	35.81 -0.11 0.00	40.35 -0.04 0.00	45.65 0.05 0.00	46.31 -1.78 0.00	50.03 -2.80 0.00	53.14 -3.33 0.00	56.60 -4.18 2.59	56.15 -4.94 9.50	64.42 -6.18 17.71	79.80 -7.64 20.22	75.61 -6.36 8.90	66.74 -4.56 0.00	59.81 -3.89 0.00	51.37 -3.57 0.00	42.52 -2.05 0.00	38.10 -4.50 0.00
FAR ROCKAWAY___4 23548	39.69 3.66 -3.94	38.74 3.29 -5.31	37.51 3.00 -4.50	37.42 2.83 -5.95	37.46 2.80 -6.40	37.40 2.84 -5.63	37.98 3.21 -4.51	38.22 3.83 -0.54	40.02 4.09 0.00	44.43 4.04 0.00	50.31 4.70 0.00	53.47 5.39 0.00	58.27 5.44 0.00	62.96 6.49 0.00	71.78 6.97 -1.44	78.29 7.69 0.00	104.84 10.42 -6.11	125.68 12.27 -5.75	101.14 9.91 -0.36	78.64 7.34 0.00	75.08 6.43 -4.95	64.58 5.93 -3.71	49.74 5.17 0.00	42.78 4.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.79 2.70 0.00	32.59 2.44 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	44.03 3.64 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.21 4.38 0.00	61.61 5.14 0.00	69.20 5.83 0.00	77.09 6.49 0.00	103.38 9.01 -6.06	123.71 10.34 -5.72	99.51 8.27 -0.36	77.29 5.99 0.00	68.85 5.16 0.00	59.49 4.56 0.00	48.44 3.88 0.00	41.66 3.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.79 2.70 0.00	32.59 2.44 0.00	32.23 2.22 0.00	30.72 2.09 0.00	30.30 2.04 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	44.03 3.64 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.21 4.38 0.00	61.61 5.14 0.00	69.20 5.83 0.00	77.09 6.49 0.00	103.38 9.01 -6.06	123.71 10.34 -5.72	99.51 8.27 -0.36	77.29 5.99 0.00	68.92 5.22 0.00	59.55 4.61 0.00	48.44 3.88 0.00	41.66 3.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.76 2.66 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.96 2.03 0.00	32.68 2.42 0.00	36.86 3.01 0.00	39.19 3.27 0.00	43.99 3.59 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.16 4.33 0.00	61.55 5.08 0.00	69.14 5.77 0.00	77.02 6.42 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.42 8.18 -0.36	77.22 5.92 0.00	68.79 5.10 0.00	59.44 4.50 0.00	48.40 3.83 0.00	41.62 3.01 0.00
FARRAGUT___LBMP 323566	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.15 3.23 0.00	43.95 3.55 0.00	49.26 3.65 0.00	51.98 3.90 0.00	57.11 4.28 0.00	61.49 5.03 0.00	69.08 5.70 0.00	76.88 6.28 0.00	103.11 8.74 -6.06	123.39 10.01 -5.72	99.33 8.09 -0.36	77.15 5.85 0.00	68.73 5.03 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.58 2.97 0.00
FENNER___WINDPWR 24204	33.57 1.00 -0.49	31.33 0.84 -0.34	31.11 0.78 -0.32	29.56 0.72 -0.22	29.20 0.73 -0.19	29.99 0.81 -0.24	31.51 0.91 -0.34	35.41 0.95 -0.61	37.72 1.04 -0.75	42.65 1.21 -1.05	48.50 1.50 -1.39	51.38 1.73 -1.57	56.57 2.06 -1.68	60.07 1.81 -1.79	67.54 1.97 -2.20	75.48 2.26 -2.63	94.21 2.83 -3.07	115.02 3.66 -3.70	97.68 3.18 -3.62	76.50 2.56 -2.63	67.86 2.23 -1.93	58.41 1.87 -1.61	47.07 1.47 -1.04	40.76 1.39 -0.76
FIBERTEK___ENERGY 23856	33.45 0.22 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.44 0.17 -1.42	37.86 0.18 -1.76	42.96 0.12 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.99 0.34 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.86 0.55 -8.44	77.87 0.43 -6.15	68.53 0.32 -4.51	58.97 0.27 -3.76	47.25 0.27 -2.42	40.54 0.15 -1.77
FITZPATRICK____ 23598	24.49 -0.77 6.83	24.57 -0.81 4.76	24.61 -0.84 4.56	24.72 -0.80 3.11	24.74 -0.79 2.74	24.74 -0.78 3.41	24.64 -0.82 4.81	24.40 -0.91 8.54	24.42 -0.90 10.60	24.60 -1.05 14.74	25.00 -1.10 19.51	25.00 -1.06 22.03	28.00 -1.16 23.67	30.00 -1.30 25.17	31.00 -1.52 30.85	32.00 -1.62 36.97	43.12 -2.03 43.16	53.16 -2.58 51.91	38.00 -2.09 50.79	32.65 -1.64 37.01	35.00 -1.53 27.17	31.00 -1.32 22.62	29.00 -1.02 14.54	27.00 -0.93 10.68
FLOWRFLD_69_KV_BK1 356044	39.48 3.43 -3.96	38.65 3.20 -5.31	37.42 2.91 -4.50	37.33 2.75 -5.95	37.41 2.74 -6.40	37.34 2.78 -5.63	37.92 3.15 -4.51	38.18 3.79 -0.54	39.85 3.92 -0.02	43.86 3.47 0.00	54.22 4.15 -4.46	167.29 4.76 -114.44	175.42 5.28 -117.31	195.40 6.21 -132.72	293.73 7.03 -223.32	295.11 7.77 -216.75	345.84 10.51 -247.02	310.14 12.38 -190.09	378.28 10.09 -277.31	224.85 7.84 -145.71	163.94 6.94 -93.30	163.77 5.88 -102.96	48.94 4.37 0.00	42.20 3.59 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.59 2.50 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.69 2.06 0.00	30.30 2.04 0.00	30.99 2.05 0.00	32.53 2.27 0.00	36.29 2.44 0.00	38.83 2.91 0.00	43.50 3.11 0.00	49.07 3.47 0.00	51.79 3.70 0.00	57.27 4.44 0.00	61.61 5.14 0.00	69.27 5.89 0.00	77.23 6.64 -1.35	97.79 8.12 -2.67	120.02 9.69 -0.28	99.16 8.00 0.00	77.22 5.92 0.00	68.73 5.03 0.00	59.27 4.34 0.00	48.18 3.61 0.00	41.43 2.82 0.00
FORT ORANGE____ 23900	32.96 0.87 0.00	30.99 0.84 0.00	30.82 0.81 0.00	29.37 0.74 0.00	29.00 0.73 0.00	29.66 0.72 0.00	30.96 0.70 0.00	34.56 0.71 0.00	36.57 0.65 0.00	41.08 0.69 0.00	46.25 0.64 0.00	48.52 0.43 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.58 1.20 0.00	71.92 1.41 0.09	90.93 1.67 -0.95	76.34 2.48 33.80	87.23 2.18 5.83	72.87 1.57 0.00	65.35 1.65 0.00	56.25 1.32 0.00	45.55 0.98 0.00	39.53 0.93 0.00
FORT_DRUM_COGEN 23780	33.15 0.03 -1.02	30.83 -0.03 -0.71	30.60 -0.09 -0.68	29.01 -0.09 -0.46	28.65 -0.03 -0.41	29.50 0.06 -0.51	31.26 0.27 -0.72	35.27 0.14 -1.28	37.44 -0.07 -1.59	42.39 -0.20 -2.21	48.57 0.05 -2.92	51.58 0.19 -3.30	56.74 0.37 -3.54	59.95 -0.28 -3.77	67.04 -0.95 -4.62	74.93 -1.20 -5.53	93.18 -1.59 -6.46	114.46 -0.97 -7.77	98.21 -0.27 -7.60	77.20 0.36 -5.54	68.14 0.38 -4.07	58.48 0.16 -3.39	46.74 0.00 -2.18	40.51 0.31 -1.60
FOX_HILLS___ESR 323835	34.99 2.89 -0.01	32.78 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	30.99 2.05 0.00	32.75 2.48 0.00	36.97 3.11 0.00	45.50 3.45 -6.13	44.16 3.72 -0.06	49.49 3.83 -0.06	52.03 3.94 0.00	57.11 4.28 0.00	61.61 5.08 -0.06	68.70 5.32 0.00	76.52 5.93 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	76.93 5.63 0.00	68.46 4.78 0.01	62.78 4.50 -3.34	70.23 4.01 -21.65	57.58 3.32 -15.65
FPL FAR_ROCK_GT1 24212	39.69 3.66 -3.94	38.74 3.29 -5.31	37.51 3.00 -4.50	37.42 2.83 -5.95	37.46 2.80 -6.40	37.46 2.89 -5.63	37.98 3.21 -4.51	38.25 3.86 -0.54	39.77 3.85 0.00	44.47 4.08 0.00	50.26 4.65 0.00	53.47 5.38 0.00	58.32 5.49 0.00	62.96 6.49 0.00	71.78 6.97 -1.44	78.29 7.70 0.00	104.57 10.15 -6.11	125.57 12.16 -5.75	101.15 9.91 -0.36	78.65 7.35 0.00	75.07 6.43 -4.95	64.64 5.99 -3.71	49.78 5.21 -0.01	42.78 4.17 -0.01

FPL FAR_ROCK_GT2 23815	39.69 3.66 -3.94	38.74 3.29 -5.31	37.51 3.00 -4.50	37.42 2.83 -5.95	37.46 2.80 -6.40	37.46 2.89 -5.63	37.98 3.21 -4.51	38.25 3.86 -0.54	39.77 3.85 0.00	44.47 4.08 0.00	50.26 4.65 0.00	53.47 5.38 0.00	58.32 5.49 0.00	62.96 6.49 0.00	71.78 6.97 -1.44	78.29 7.70 0.00	104.57 10.15 -6.11	125.57 12.16 -5.75	101.15 9.91 -0.36	78.65 7.35 0.00	75.07 6.43 -4.95	64.64 5.99 -3.71	49.78 5.21 -0.01	42.78 4.17 -0.01
FRANKLIN_FALL_HYD 24054	31.13 -0.96 0.00	29.30 -0.84 0.00	29.23 -0.78 0.00	27.88 -0.74 0.00	27.53 -0.73 0.00	28.21 -0.72 0.00	29.75 -0.51 0.00	33.21 -0.64 0.00	35.35 -0.57 0.00	39.83 -0.57 0.00	44.97 -0.64 0.00	46.93 -1.15 0.00	51.03 -1.80 0.00	54.10 -2.37 0.00	60.27 -3.11 0.00	66.99 -3.60 0.00	83.54 -4.77 0.00	102.06 -5.60 0.00	86.25 -4.63 0.00	68.02 -3.28 0.00	61.02 -2.68 0.00	52.52 -2.42 0.00	42.96 -1.60 0.00	37.60 -1.00 0.00
FREEPORT_EQUS_GT1 23764	39.27 3.24 -3.94	38.44 2.98 -5.31	37.24 2.73 -4.50	37.16 2.58 -5.95	37.18 2.51 -6.40	37.20 2.63 -5.63	37.70 2.93 -4.51	37.94 3.55 -0.54	39.37 3.45 0.00	43.95 3.56 0.00	49.48 3.87 0.00	52.66 4.57 0.00	57.90 5.07 0.00	62.51 6.05 0.00	71.66 6.85 -1.44	78.15 7.56 0.00	104.40 9.98 -6.11	125.46 12.06 -5.75	101.06 9.82 -0.36	78.64 7.35 0.00	75.07 6.43 -4.95	64.31 5.66 -3.71	49.20 4.63 0.00	42.28 3.67 0.00
FREEPORT___CT2 23818	39.27 3.24 -3.94	38.44 2.98 -5.31	37.24 2.73 -4.50	37.16 2.58 -5.95	37.18 2.51 -6.40	37.20 2.63 -5.63	37.70 2.93 -4.51	37.94 3.55 -0.54	39.37 3.45 0.00	43.95 3.56 0.00	49.48 3.87 0.00	52.66 4.57 0.00	57.90 5.07 0.00	62.51 6.05 0.00	71.66 6.85 -1.44	78.15 7.56 0.00	104.40 9.98 -6.11	125.46 12.06 -5.75	101.06 9.82 -0.36	78.64 7.35 0.00	75.07 6.43 -4.95	64.31 5.66 -3.71	49.20 4.63 0.00	42.28 3.67 0.00
FRESHKLS_33_KV_LOAD 356253	34.96 2.86 -0.01	32.78 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	30.96 2.03 0.00	32.68 2.42 0.00	36.89 3.05 0.01	37.44 3.34 1.82	37.63 3.64 6.39	40.38 3.74 8.96	40.21 3.85 11.72	40.24 4.17 16.76	41.22 5.03 20.28	46.35 5.26 22.29	54.34 5.93 22.18	81.03 8.74 16.02	97.72 10.01 19.96	77.17 8.09 21.80	54.75 5.70 22.25	46.30 4.78 22.18	45.99 4.50 13.45	39.95 4.01 8.63	37.67 3.28 4.22
FULTON COGEN____ 23766	34.11 -0.32 -2.34	31.38 -0.39 -1.63	31.15 -0.42 -1.56	29.26 -0.43 -1.06	28.78 -0.42 -0.94	29.70 -0.41 -1.17	31.52 -0.39 -1.65	36.37 -0.41 -2.93	39.09 -0.47 -3.63	45.00 -0.44 -5.05	51.88 -0.41 -6.69	55.30 -0.34 -7.55	60.57 -0.37 -8.11	64.64 -0.45 -8.63	73.38 -0.57 -10.57	82.70 -0.56 -12.67	102.39 -0.71 -14.79	124.48 -0.97 -17.79	107.56 -0.73 -17.40	83.48 -0.50 -12.68	72.49 -0.51 -9.31	62.24 -0.44 -7.75	49.19 -0.36 -4.98	41.88 -0.39 -3.66
FULTON___LFGE 323630	36.58 4.49 0.00	34.33 4.19 0.00	34.06 4.05 0.00	32.35 3.72 0.00	32.00 3.73 0.00	32.87 3.93 0.00	34.59 4.33 0.00	38.45 4.60 0.00	41.02 5.10 0.00	45.88 5.49 0.00	52.08 6.47 0.00	54.68 6.59 0.00	60.38 7.55 0.00	63.47 7.00 0.00	71.99 8.62 0.00	80.55 9.96 0.00	100.82 11.75 -0.77	127.87 15.93 -4.28	106.62 15.09 -0.65	83.49 12.19 0.00	74.91 11.21 0.00	63.83 8.90 0.00	51.07 6.51 0.00	44.32 5.71 0.00
G.F.CEMENT___DRP 24184	34.40 2.31 0.00	32.28 2.14 0.00	32.08 2.07 0.00	30.52 1.89 0.00	30.13 1.87 0.00	30.84 1.91 0.00	32.29 2.03 0.00	36.05 2.20 0.00	38.36 2.44 0.00	43.10 2.71 0.00	48.34 2.74 0.00	50.97 2.89 0.00	56.21 3.38 0.00	59.57 3.11 0.00	67.56 4.18 0.00	75.46 4.87 0.00	95.08 5.74 -1.03	124.49 7.54 -9.29	99.89 7.54 -1.47	77.50 6.20 0.00	69.68 5.99 0.00	59.66 4.72 0.00	47.82 3.25 0.00	41.43 2.82 0.00
GARDENVILLE___LBMP 24039	32.67 0.58 0.00	30.17 0.03 0.00	29.89 -0.12 0.00	28.34 -0.29 0.00	28.01 -0.25 0.00	28.82 -0.12 0.00	30.20 -0.06 0.00	33.45 -0.41 0.00	35.42 -0.50 0.00	40.27 -0.12 0.00	46.38 0.78 0.00	48.90 0.82 0.00	53.51 0.69 0.00	57.15 0.68 0.00	63.18 -0.19 0.00	71.58 0.99 0.00	89.19 0.88 0.00	107.23 -0.43 0.00	91.06 0.18 0.00	72.08 0.78 0.00	62.68 -1.02 0.00	54.50 -0.44 0.00	44.48 -0.09 0.00	39.07 0.46 0.00
GARDNVLA_35_KV_LD 355827	32.80 0.71 0.00	30.30 0.15 0.00	30.01 0.00 0.00	28.48 -0.14 0.00	28.15 -0.11 0.00	28.93 0.00 0.00	30.32 0.06 0.00	33.58 -0.27 0.00	35.56 -0.36 0.00	40.47 0.08 0.00	46.61 1.00 0.00	49.19 1.11 0.00	53.83 1.00 0.00	57.48 1.02 0.00	63.56 0.19 0.00	72.01 1.41 0.00	89.81 1.50 0.00	107.88 0.22 0.00	91.61 0.73 0.00	72.51 1.21 0.00	62.99 -0.70 0.00	54.83 -0.11 0.00	44.70 0.13 0.00	39.30 0.69 0.00
GELCKHM___115KV_LOAD 80723	32.80 -0.03 -0.74	30.51 -0.15 -0.52	30.33 -0.18 -0.50	28.77 -0.20 -0.34	28.37 -0.20 -0.30	29.13 -0.17 -0.37	30.64 -0.15 -0.52	34.65 -0.14 -0.93	36.93 -0.14 -1.15	41.87 -0.12 -1.60	47.69 -0.05 -2.12	50.53 0.05 -2.40	55.51 0.11 -2.58	59.27 0.06 -2.74	66.73 0.00 -3.36	74.76 0.14 -4.03	93.10 0.09 -4.70	113.31 0.00 -5.65	96.41 0.00 -5.53	75.40 0.07 -4.03	66.59 -0.06 -2.96	57.34 -0.05 -2.46	46.11 -0.04 -1.58	39.65 -0.12 -1.16
GENERAL___MILLS 23808	32.73 0.64 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.88 -0.06 0.00	30.29 0.03 0.00	33.51 -0.34 0.00	35.49 -0.43 0.00	40.39 0.00 0.00	46.47 0.87 0.00	49.05 0.96 0.00	53.67 0.85 0.00	57.32 0.85 0.00	63.37 0.00 0.00	71.79 1.20 0.00	89.46 1.15 0.00	107.45 -0.22 0.00	91.34 0.45 0.00	72.23 0.93 0.00	62.80 -0.89 0.00	54.66 -0.27 0.00	44.57 0.00 0.00	39.19 0.58 0.00
GE_PLASTICS___DRP 24183	33.02 0.93 0.00	31.05 0.90 0.00	30.91 0.90 0.00	29.49 0.86 0.00	29.11 0.85 0.00	29.77 0.84 0.00	31.05 0.79 0.00	34.73 0.88 0.00	36.82 0.90 0.00	41.28 0.89 0.00	46.52 0.91 0.00	48.62 0.53 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.51 1.14 0.00	70.12 1.13 1.60	88.82 1.32 0.82	88.82 1.83 20.67	88.82 1.54 3.60	72.37 1.07 0.00	64.97 1.27 0.00	55.98 1.04 0.00	45.37 0.80 0.00	39.61 1.00 0.00
GILBOA___1 23756	33.15 1.06 0.00	31.26 1.12 0.00	31.27 1.26 0.00	29.95 1.32 0.00	29.57 1.30 0.00	30.15 1.22 0.00	31.32 1.06 0.00	34.97 1.12 0.00	37.04 1.11 0.00	41.64 1.25 0.00	46.93 1.32 0.00	49.53 1.44 0.00	54.47 1.64 0.00	58.28 1.81 0.00	65.53 2.16 0.00	72.71 2.12 0.00	91.37 2.47 -0.59	111.02 3.01 -0.35	93.42 2.54 0.00	73.15 1.85 0.00	65.73 2.04 0.00	56.86 1.92 0.00	46.08 1.52 0.00	39.81 1.20 0.00
GILBOA___2 23757	33.15 1.06 0.00	31.26 1.12 0.00	31.27 1.26 0.00	29.95 1.32 0.00	29.57 1.30 0.00	30.15 1.22 0.00	31.32 1.06 0.00	34.97 1.12 0.00	37.04 1.11 0.00	41.64 1.25 0.00	46.93 1.32 0.00	49.53 1.44 0.00	54.47 1.64 0.00	58.28 1.81 0.00	65.53 2.16 0.00	72.71 2.12 0.00	91.37 2.47 -0.59	111.02 3.01 -0.35	93.42 2.54 0.00	73.15 1.85 0.00	65.73 2.04 0.00	56.86 1.92 0.00	46.08 1.52 0.00	39.81 1.20 0.00

GILBOA___3 23758	33.15 1.06 0.00	31.26 1.12 0.00	31.27 1.26 0.00	29.95 1.32 0.00	29.57 1.30 0.00	30.15 1.22 0.00	31.32 1.06 0.00	34.97 1.12 0.00	37.04 1.11 0.00	41.64 1.25 0.00	46.93 1.32 0.00	49.53 1.44 0.00	54.47 1.64 0.00	58.28 1.81 0.00	65.53 2.16 0.00	72.71 2.12 0.00	91.37 2.47 -0.59	111.02 3.01 -0.35	93.42 2.54 0.00	73.15 1.85 0.00	65.73 2.04 0.00	56.86 1.92 0.00	46.08 1.52 0.00	39.81 1.20 0.00
GILBOA___4 23759	33.15 1.06 0.00	31.26 1.12 0.00	31.27 1.26 0.00	29.95 1.32 0.00	29.57 1.30 0.00	30.15 1.22 0.00	31.32 1.06 0.00	34.97 1.12 0.00	37.04 1.11 0.00	41.64 1.25 0.00	46.93 1.32 0.00	49.53 1.44 0.00	54.47 1.64 0.00	58.28 1.81 0.00	65.53 2.16 0.00	72.71 2.12 0.00	91.37 2.47 -0.59	111.02 3.01 -0.35	93.42 2.54 0.00	73.15 1.85 0.00	65.73 2.04 0.00	56.86 1.92 0.00	46.08 1.52 0.00	39.81 1.20 0.00
GILBOA___ 23599	33.15 1.06 0.00	31.26 1.12 0.00	31.27 1.26 0.00	29.94 1.32 0.00	29.57 1.30 0.00	30.24 1.30 0.00	31.32 1.06 0.00	34.97 1.12 0.00	37.07 1.15 0.00	41.64 1.25 0.00	46.93 1.32 0.00	49.53 1.44 0.00	54.47 1.64 0.00	58.28 1.81 0.00	65.53 2.15 0.00	72.71 2.12 0.00	91.38 2.47 -0.59	111.14 3.12 -0.35	93.43 2.54 0.00	73.15 1.85 0.00	65.73 2.04 0.00	56.80 1.87 0.00	46.04 1.47 0.00	39.80 1.20 0.00
GINNA___ 23603	31.00 -1.09 0.00	28.88 -1.26 0.00	28.63 -1.38 0.00	27.20 -1.43 0.00	26.94 -1.33 0.00	27.66 -1.27 0.00	28.96 -1.30 0.00	32.30 -1.56 0.00	34.77 -1.15 0.00	38.86 -1.53 0.00	44.38 -1.23 0.00	46.93 -1.15 0.00	51.51 -1.32 0.00	54.95 -1.52 0.00	61.28 -2.09 0.00	68.97 -1.62 0.00	86.11 -2.20 0.00	104.76 -2.90 0.00	88.52 -2.36 0.00	69.73 -1.57 0.00	61.46 -2.23 0.00	53.23 -1.70 0.00	43.23 -1.34 0.00	37.45 -1.16 0.00
GLEN PARK___ 23778	33.46 0.29 -1.08	31.08 0.18 -0.75	30.85 0.12 -0.72	29.23 0.11 -0.49	28.87 0.17 -0.43	29.73 0.26 -0.54	31.50 0.48 -0.76	35.47 0.27 -1.35	37.77 0.18 -1.67	42.79 0.08 -2.32	49.04 0.36 -3.07	52.09 0.53 -3.47	57.29 0.74 -3.73	60.43 0.00 -3.97	67.12 -0.63 -4.38	73.80 -0.84 -4.05	90.75 -1.06 -3.50	111.85 -0.21 -4.41	97.59 0.36 -6.34	78.13 1.00 -5.83	68.86 0.89 -4.28	59.05 0.55 -3.56	47.17 0.31 -2.29	40.95 0.66 -1.68
GLENDAL_27_KV_LOAD 356172	35.08 2.98 0.00	32.83 2.68 0.00	32.44 2.43 0.00	30.89 2.26 0.00	30.47 2.20 0.00	31.10 2.17 0.00	32.90 2.63 0.00	37.17 3.32 0.00	40.38 3.59 -0.86	44.35 3.96 0.00	49.67 4.06 0.00	52.32 4.23 0.00	57.37 4.54 0.00	61.78 5.31 0.00	69.27 5.89 0.00	77.16 6.57 0.00	103.64 9.27 -6.06	124.04 10.66 -5.72	99.78 8.54 -0.36	77.43 6.13 0.00	68.91 5.22 0.01	59.66 4.72 0.00	48.76 4.19 0.00	42.05 3.44 -0.01
GLENWOOD_IC_1_G5 23712	39.24 3.21 -3.94	38.37 2.92 -5.31	37.18 2.67 -4.50	37.13 2.55 -5.95	37.15 2.49 -6.40	37.11 2.55 -5.63	37.67 2.91 -4.51	37.88 3.49 -0.54	39.66 3.74 0.00	44.07 3.68 0.00	49.48 3.88 0.00	52.56 4.47 0.00	57.79 4.97 0.00	62.40 5.93 0.00	71.59 6.78 -1.44	78.01 7.41 0.00	104.49 10.07 -6.11	125.14 11.74 -5.75	100.69 9.45 -0.36	78.29 6.99 0.00	74.76 6.11 -4.95	63.98 5.33 -3.71	48.76 4.19 0.00	42.27 3.67 0.00
GLENWOOD_IC_2_G1 23688	39.11 3.08 -3.94	38.25 2.80 -5.31	37.09 2.58 -4.50	37.01 2.43 -5.95	37.06 2.40 -6.40	37.08 2.52 -5.63	37.55 2.78 -4.51	37.81 3.42 -0.54	39.26 3.34 0.00	43.90 3.51 0.00	49.48 3.87 0.00	52.61 4.52 0.00	57.79 4.96 0.00	62.40 5.93 0.00	71.53 6.71 -1.44	77.93 7.34 0.00	104.14 9.71 -6.11	125.04 11.63 -5.75	100.69 9.45 -0.36	78.29 6.99 0.00	74.82 6.18 -4.95	64.03 5.39 -3.71	48.89 4.32 0.00	42.08 3.48 0.00
GLENWOOD_IC_3_G1 23689	39.11 3.08 -3.94	38.25 2.80 -5.31	37.09 2.58 -4.50	37.01 2.43 -5.95	37.06 2.40 -6.40	37.08 2.52 -5.63	37.55 2.78 -4.51	37.81 3.42 -0.54	39.26 3.34 0.00	43.90 3.51 0.00	49.48 3.87 0.00	52.61 4.52 0.00	57.79 4.96 0.00	62.40 5.93 0.00	71.53 6.71 -1.44	77.93 7.34 0.00	104.14 9.71 -6.11	125.04 11.63 -5.75	100.69 9.45 -0.36	78.29 6.99 0.00	74.82 6.18 -4.95	64.03 5.39 -3.71	48.89 4.32 0.00	42.08 3.48 0.00
GLENWOOD___4 23550	39.24 3.21 -3.94	38.37 2.92 -5.31	37.18 2.67 -4.50	37.13 2.55 -5.95	37.15 2.49 -6.40	37.11 2.55 -5.63	37.67 2.91 -4.51	37.88 3.49 -0.54	39.66 3.74 0.00	44.07 3.68 0.00	49.62 4.01 0.00	52.70 4.62 0.00	57.95 5.12 0.00	62.57 6.10 0.00	71.72 6.91 -1.44	78.22 7.62 0.00	104.76 10.33 -6.11	125.47 12.06 -5.75	100.87 9.63 -0.36	78.50 7.20 0.00	74.95 6.31 -4.95	64.09 5.44 -3.71	48.85 4.28 0.00	42.27 3.67 0.00
GLENWOOD___5 23614	39.24 3.21 -3.94	38.37 2.92 -5.31	37.18 2.67 -4.50	37.13 2.55 -5.95	37.15 2.49 -6.40	37.11 2.55 -5.63	37.67 2.91 -4.51	37.88 3.49 -0.54	39.66 3.74 0.00	44.07 3.68 0.00	49.62 4.01 0.00	52.70 4.62 0.00	57.95 5.12 0.00	62.57 6.10 0.00	71.72 6.91 -1.44	78.22 7.62 0.00	104.76 10.33 -6.11	125.47 12.06 -5.75	100.87 9.63 -0.36	78.50 7.20 0.00	74.95 6.31 -4.95	64.09 5.44 -3.71	48.85 4.28 0.00	42.27 3.67 0.00
GLOBAL GREEN_PORT_GT1 23814	40.92 4.88 -3.95	39.85 4.40 -5.31	38.50 3.99 -4.50	38.42 3.84 -5.95	38.51 3.84 -6.40	38.61 4.05 -5.63	39.22 4.45 -4.51	39.71 5.31 -0.54	41.53 5.60 -0.01	46.12 5.73 0.00	58.39 7.30 -5.49	142.10 8.41 -85.60	149.77 9.19 -87.75	166.14 10.39 -99.28	242.19 11.40 -167.41	243.39 10.66 -162.14	288.40 13.77 -186.32	267.99 16.69 -143.65	311.86 13.45 -207.53	192.49 12.19 -109.00	145.12 10.39 -71.04	141.67 8.79 -77.95	50.99 6.42 0.00	43.86 5.25 0.00
GLOBE___DSASP 323697	31.35 -0.74 0.00	29.00 -1.15 0.00	28.72 -1.29 0.00	27.28 -1.35 0.00	26.97 -1.30 0.00	27.72 -1.22 0.00	29.02 -1.24 0.00	31.96 -1.90 0.00	33.77 -2.16 0.00	38.49 -1.90 0.00	44.19 -1.41 0.00	46.55 -1.54 0.00	50.87 -1.95 0.00	54.27 -2.20 0.00	59.89 -3.49 0.00	67.98 -2.61 0.00	84.69 -3.62 0.00	102.06 -5.60 0.00	86.61 -4.27 0.00	68.66 -2.64 0.00	59.68 -4.01 0.00	52.02 -2.91 0.00	42.43 -2.14 0.00	37.37 -1.24 0.00
GOETHSLN___LBMP 323567	34.59 2.50 0.00	32.38 2.23 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.08 1.81 0.00	30.79 1.85 0.00	32.50 2.24 0.00	36.63 2.78 0.00	37.13 3.02 1.81	37.28 3.27 6.39	39.98 3.33 8.96	39.94 3.56 11.71	39.94 3.86 16.75	40.83 4.63 20.27	46.36 5.26 22.27	54.21 5.79 22.17	80.43 8.12 16.00	96.98 9.26 19.94	76.55 7.45 21.78	54.41 5.35 22.24	46.11 4.59 22.17	45.56 4.07 13.44	39.43 3.48 8.62	37.13 2.74 4.22
GOLAH___69_KV_TB 1_2 80279	32.54 0.45 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.90 -0.03 0.00	30.32 0.06 0.00	33.68 -0.17 0.00	35.74 -0.18 0.00	40.43 0.04 0.00	46.25 0.64 0.00	48.86 0.77 0.00	53.51 0.69 0.00	57.20 0.73 0.00	63.56 0.19 0.00	71.79 1.20 0.00	89.37 1.06 0.00	108.31 0.65 0.00	91.88 1.00 0.00	72.58 1.28 0.00	63.82 0.13 0.00	55.32 0.38 0.00	45.01 0.45 0.00	39.34 0.73 0.00

GOODYEAR_LAKE_HYD 323669	33.79 1.70 0.00	31.74 1.60 0.00	31.57 1.56 0.00	30.14 1.52 0.00	29.77 1.50 0.00	30.55 1.62 0.00	31.96 1.69 0.00	35.61 1.76 0.00	37.75 1.83 0.00	42.53 2.14 0.00	48.07 2.46 0.00	50.83 2.74 0.00	56.00 3.17 0.00	59.52 3.05 0.00	66.80 3.42 0.00	74.41 3.81 0.00	92.99 4.68 0.00	114.81 5.92 -1.23	96.18 5.09 -0.21	75.29 3.99 0.00	67.32 3.63 0.00	57.96 3.02 0.00	46.97 2.41 0.00	40.81 2.20 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.38 0.83 -0.45	31.09 0.63 -0.31	30.85 0.54 -0.30	29.32 0.49 -0.20	28.96 0.51 -0.18	29.74 0.58 -0.22	31.19 0.61 -0.32	35.09 0.68 -0.56	37.45 0.83 -0.70	42.41 1.05 -0.97	48.22 1.32 -1.29	51.03 1.49 -1.45	56.03 1.64 -1.56	59.82 1.69 -1.66	67.18 1.77 -2.03	75.15 2.12 -2.44	93.47 2.65 -2.51	113.79 2.91 -3.23	96.86 2.64 -3.35	75.81 2.07 -2.44	67.14 1.66 -1.79	57.96 1.54 -1.49	46.82 1.29 -0.96	40.39 1.08 -0.70
GOUDEY___7 23579	33.41 0.87 -0.45	31.12 0.66 -0.31	30.88 0.57 -0.30	29.35 0.52 -0.20	28.96 0.51 -0.18	29.74 0.58 -0.22	31.22 0.64 -0.32	35.13 0.71 -0.56	37.48 0.86 -0.70	42.45 1.09 -0.97	48.31 1.41 -1.29	51.13 1.59 -1.45	56.13 1.74 -1.56	59.88 1.75 -1.66	67.25 1.84 -2.03	75.29 2.26 -2.44	93.65 2.83 -2.51	114.01 3.12 -3.23	96.96 2.73 -3.35	75.95 2.21 -2.44	67.27 1.78 -1.79	58.02 1.59 -1.49	46.86 1.34 -0.96	40.47 1.16 -0.70
GOUDEY___8 23580	33.38 0.83 -0.45	31.09 0.63 -0.31	30.85 0.54 -0.30	29.32 0.49 -0.20	28.96 0.51 -0.18	29.74 0.58 -0.22	31.19 0.61 -0.32	35.09 0.68 -0.56	37.45 0.83 -0.70	42.41 1.05 -0.97	48.22 1.32 -1.29	51.03 1.49 -1.45	56.03 1.64 -1.56	59.82 1.69 -1.66	67.18 1.77 -2.03	75.15 2.12 -2.44	93.47 2.65 -2.51	113.79 2.91 -3.23	96.86 2.64 -3.35	75.81 2.07 -2.44	67.14 1.66 -1.79	57.96 1.54 -1.49	46.82 1.29 -0.96	40.39 1.08 -0.70
GOWANUS_GT1_1 24077	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_2 24078	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_3 24079	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_4 24080	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_5 24084	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_6 24111	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_7 24112	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT1_8 24113	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT2_1 24114	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT2_2 24115	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT2_3 24116	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65

GOWANUS_GT2_4 24117	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT2_5 24118	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT2_6 24119	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT2_7 24120	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT2_8 24121	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_1 24122	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_2 24123	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_3 24124	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_4 24125	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_5 24126	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_6 24127	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_7 24128	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT3_8 24129	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
GOWANUS_GT4_1 24130	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT4_2 24131	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65

GOWANUS_GT4_3 24132	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT4_4 24133	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT4_5 24134	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT4_6 24135	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT4_7 24136	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GOWANUS_GT4_8 24137	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GREENBSH_115KV_TB3 55895	32.93 0.83 0.00	30.96 0.81 0.00	30.79 0.78 0.00	29.37 0.74 0.00	29.00 0.73 0.00	29.63 0.69 0.00	30.93 0.67 0.00	34.60 0.74 0.00	36.71 0.79 0.00	41.16 0.77 0.00	46.38 0.78 0.00	48.76 0.67 0.00	53.62 0.79 0.00	57.48 1.02 0.00	64.83 1.46 0.00	72.22 1.62 0.00	91.26 1.85 -1.10	74.67 2.58 35.58	86.93 2.18 6.13	72.87 1.57 0.00	65.35 1.66 0.00	56.25 1.32 0.00	45.46 0.89 0.00	39.46 0.85 0.00
GREENDGE_115KV_TB5 80291	33.18 0.74 -0.35	30.96 0.57 -0.25	30.70 0.45 -0.24	29.10 0.31 -0.16	28.78 0.37 -0.14	29.60 0.49 -0.18	31.18 0.67 -0.25	34.87 0.58 -0.44	37.12 0.65 -0.55	42.12 0.97 -0.76	48.08 1.46 -1.01	50.86 1.63 -1.14	55.79 1.74 -1.22	59.52 1.75 -1.30	66.49 1.52 -1.60	74.76 2.26 -1.91	92.84 2.30 -2.23	112.82 2.48 -2.68	96.05 2.54 -2.63	75.85 2.64 -1.91	66.88 1.78 -1.40	57.70 1.59 -1.17	46.66 1.34 -0.75	40.24 1.08 -0.55
GREENIDGE___3 23582	33.18 0.74 -0.35	30.96 0.57 -0.25	30.70 0.45 -0.24	29.10 0.31 -0.16	28.78 0.37 -0.14	29.60 0.49 -0.18	31.18 0.67 -0.25	34.87 0.58 -0.44	37.12 0.65 -0.55	42.12 0.97 -0.76	48.08 1.46 -1.01	50.86 1.63 -1.14	55.79 1.74 -1.22	59.52 1.75 -1.30	66.49 1.52 -1.60	74.76 2.26 -1.91	92.84 2.30 -2.23	112.82 2.48 -2.68	96.05 2.54 -2.63	75.85 2.64 -1.91	66.88 1.78 -1.40	57.70 1.59 -1.17	46.66 1.34 -0.75	40.24 1.08 -0.55
GREENIDGE___4 23583	33.18 0.74 -0.35	30.96 0.57 -0.25	30.70 0.45 -0.24	29.10 0.32 -0.16	28.77 0.37 -0.14	29.63 0.52 -0.18	31.18 0.66 -0.25	34.83 0.54 -0.44	37.47 1.00 -0.55	42.12 0.97 -0.76	48.08 1.46 -1.01	50.86 1.64 -1.14	55.79 1.74 -1.22	59.46 1.69 -1.30	66.49 1.52 -1.60	74.76 2.26 -1.91	92.83 2.29 -2.23	112.82 2.48 -2.68	96.05 2.54 -2.63	75.85 2.64 -1.91	66.88 1.78 -1.40	57.75 1.65 -1.17	46.70 1.38 -0.75	40.28 1.12 -0.55
GREENLWN_69_KV_BK 3 55738	38.56 2.54 -3.93	37.89 2.44 -5.31	36.82 2.31 -4.50	36.79 2.20 -5.95	36.84 2.18 -6.40	36.73 2.17 -5.63	37.25 2.48 -4.51	37.40 3.01 -0.54	38.90 2.98 0.00	43.10 2.71 0.00	48.32 3.24 0.52	33.16 3.85 18.78	37.86 4.28 19.25	39.88 5.20 21.78	34.36 5.96 34.97	41.52 6.49 35.57	63.90 9.01 33.42	93.71 10.55 24.50	54.16 8.36 45.09	53.66 6.27 23.91	59.62 5.48 9.55	47.09 4.72 12.57	48.13 3.57 0.00	41.39 2.78 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65
GRISSOM___SOLAR 323813	36.58 4.49 0.00	34.33 4.19 0.00	34.06 4.05 0.00	32.35 3.72 0.00	32.00 3.73 0.00	32.87 3.93 0.00	34.59 4.33 0.00	38.45 4.60 0.00	41.02 5.10 0.00	45.88 5.49 0.00	52.08 6.47 0.00	54.68 6.59 0.00	60.38 7.55 0.00	63.47 7.00 0.00	71.99 8.62 0.00	80.55 9.96 0.00	100.82 11.75 -0.77	127.87 15.93 -4.28	106.62 15.09 -0.65	83.49 12.19 0.00	74.91 11.21 0.00	63.83 8.90 0.00	51.07 6.51 0.00	44.32 5.71 0.00
GROVEVILLE___HYD 323602	34.59 2.50 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.69 2.06 0.00	30.30 2.04 0.00	30.99 2.05 0.00	32.53 2.27 0.00	36.29 2.44 0.00	38.83 2.91 0.00	43.50 3.11 0.00	49.07 3.47 0.00	51.79 3.70 0.00	57.27 4.44 0.00	61.61 5.14 0.00	69.27 5.89 0.00	77.23 6.64 0.00	97.79 8.12 -1.35	120.02 9.69 -2.67	99.16 8.00 -0.28	77.22 5.92 0.00	68.73 5.03 0.00	59.27 4.34 0.00	48.18 3.61 0.00	41.43 2.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.45 0.22 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.44 0.17 -1.42	37.86 0.18 -1.76	42.96 0.12 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.99 0.34 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.86 0.55 -8.44	77.87 0.43 -6.15	68.53 0.32 -4.51	58.97 0.27 -3.76	47.25 0.27 -2.42	40.54 0.15 -1.77

HAMLTNNY_34_KV_TB 80303	33.61 0.32 -1.20	31.16 0.18 -0.84	30.93 0.12 -0.80	29.23 0.06 -0.54	28.80 0.06 -0.48	29.65 0.12 -0.60	31.29 0.18 -0.84	35.55 0.20 -1.50	38.03 0.25 -1.86	43.34 0.36 -2.58	49.58 0.55 -3.42	52.67 0.72 -3.86	57.77 0.79 -4.15	61.67 0.79 -4.41	69.54 0.76 -5.41	78.14 1.06 -6.48	97.11 1.24 -7.57	118.16 1.40 -9.10	100.97 1.18 -8.91	78.79 1.00 -6.49	69.22 0.76 -4.76	59.56 0.66 -3.97	47.70 0.58 -2.55	40.87 0.39 -1.87
HAMPSHIRE___PAPER_HYD 323593	31.55 -0.96 -0.42	29.54 -0.90 -0.29	29.42 -0.87 -0.28	27.99 -0.83 -0.19	27.64 -0.79 -0.17	28.39 -0.75 -0.21	29.96 -0.61 -0.30	33.57 -0.81 -0.53	35.64 -0.93 -0.66	40.09 -1.21 -0.91	45.67 -1.14 -1.21	48.20 -1.25 -1.36	52.97 -1.32 -1.46	56.10 -1.92 -1.56	61.19 -2.72 -0.54	64.69 -3.18 2.73	77.48 -4.15 6.68	95.99 -4.20 7.47	86.05 -3.27 1.56	71.30 -2.28 -2.29	63.46 -1.91 -1.68	54.46 -1.87 -1.40	44.00 -1.47 -0.90	38.34 -0.93 -0.66
HARDSCRABBLE_WT_PWR 323673	32.83 0.74 0.00	30.84 0.69 0.00	30.67 0.66 0.00	29.26 0.63 0.00	28.89 0.62 0.00	29.60 0.67 0.00	30.96 0.70 0.00	34.60 0.74 0.00	36.71 0.79 0.00	41.32 0.93 0.00	46.61 1.00 0.00	49.24 1.15 0.00	54.20 1.37 0.00	57.66 1.19 0.00	64.77 1.27 -0.13	72.49 1.41 -0.49	90.89 1.67 -0.91	110.96 2.26 -1.04	93.15 1.82 -0.46	72.65 1.35 0.00	64.90 1.21 0.00	56.03 1.10 0.00	45.46 0.89 0.00	39.53 0.93 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.31 2.21 0.00	32.22 2.08 0.00	31.87 1.86 0.00	30.40 1.77 0.00	30.02 1.75 0.00	30.70 1.76 0.00	32.23 1.97 0.00	36.05 2.20 0.00	38.33 2.41 0.00	43.02 2.63 0.00	48.39 2.78 0.00	51.07 2.98 0.00	56.37 3.54 0.00	60.59 4.12 0.00	68.13 4.75 0.00	75.82 5.22 0.00	88.13 7.24 7.42	113.39 8.40 2.67	98.08 6.91 -0.29	76.29 4.99 0.00	67.96 4.27 0.00	58.67 3.74 0.00	47.69 3.12 0.00	41.08 2.47 0.00
HARSNRAD_115KV_TB1 81005	32.06 -0.03 0.00	29.63 -0.51 0.00	29.35 -0.66 0.00	27.85 -0.77 0.00	27.56 -0.71 0.00	28.33 -0.61 0.00	29.66 -0.61 0.00	32.73 -1.12 0.00	34.48 -1.44 0.00	39.26 -1.13 0.00	45.15 -0.46 0.00	47.56 -0.53 0.00	51.98 -0.85 0.00	55.51 -0.96 0.00	61.28 -2.09 0.00	69.46 -1.13 0.00	86.54 -1.77 0.00	104.32 -3.34 0.00	88.52 -2.36 0.00	70.16 -1.14 0.00	61.08 -2.61 0.00	53.18 -1.76 0.00	43.41 -1.16 0.00	38.18 -0.42 0.00
HARZA MOOSE___RIVER 24016	33.05 0.61 -0.35	30.93 0.54 -0.24	30.75 0.51 -0.23	29.25 0.46 -0.16	28.89 0.48 -0.14	29.66 0.55 -0.18	31.21 0.70 -0.25	34.97 0.68 -0.44	37.08 0.61 -0.54	41.71 0.57 -0.76	47.57 0.96 -1.00	50.37 1.15 -1.13	55.47 1.43 -1.22	58.72 0.96 -1.29	65.66 0.70 -1.58	73.13 0.64 -1.90	91.32 0.79 -2.22	112.37 2.05 -2.67	95.31 1.82 -2.61	74.84 1.64 -1.90	66.55 1.46 -1.40	57.20 1.10 -1.16	46.12 0.80 -0.75	40.12 0.97 -0.55
HDSNBRDG_115KV_BRDG_TB1 355580	32.69 -0.03 -0.63	30.46 -0.12 -0.44	30.25 -0.18 -0.42	28.71 -0.20 -0.29	28.32 -0.20 -0.25	29.07 -0.17 -0.31	30.58 -0.12 -0.44	34.50 -0.14 -0.78	36.79 -0.11 -0.97	41.70 -0.04 -1.35	47.49 0.09 -1.79	50.30 0.19 -2.02	55.26 0.26 -2.17	59.00 0.23 -2.31	66.40 0.19 -2.83	74.34 0.35 -3.39	92.62 0.35 -3.96	112.64 0.22 -4.76	95.81 0.27 -4.66	74.91 0.21 -3.40	66.25 0.06 -2.49	57.07 0.05 -2.08	45.95 0.04 -1.33	39.55 -0.04 -0.98
HELLGATE_13_KV_LD 55870	34.89 2.79 0.00	32.68 2.53 0.00	32.29 2.28 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.96 2.03 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.12 3.34 -0.86	43.99 3.59 0.00	49.21 3.60 0.00	51.89 3.80 0.00	56.90 4.07 0.00	61.27 4.80 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.96 9.58 -5.72	98.87 7.63 -0.36	76.72 5.42 0.00	68.27 4.59 0.01	59.11 4.18 0.00	48.36 3.79 0.00	41.78 3.17 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.89 2.79 0.00	32.68 2.53 0.00	32.29 2.28 0.00	30.75 2.12 0.00	30.33 2.06 0.00	30.96 2.03 0.00	32.68 2.42 0.00	36.90 3.05 0.00	40.12 3.34 -0.86	43.99 3.59 0.00	49.21 3.60 0.00	51.89 3.80 0.00	56.90 4.07 0.00	61.27 4.80 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.76 8.39 -6.06	122.96 9.58 -5.72	98.87 7.63 -0.36	76.72 5.42 0.00	68.27 4.59 0.01	59.11 4.18 0.00	48.36 3.79 0.00	41.78 3.17 -0.01
HEMPSTEAD____ 23647	39.02 2.99 -3.94	38.19 2.74 -5.31	37.00 2.49 -4.50	36.96 2.37 -5.95	36.98 2.32 -6.40	37.00 2.43 -5.63	37.49 2.72 -4.51	37.71 3.32 -0.54	39.12 3.20 0.00	43.74 3.35 0.00	49.30 3.69 0.00	52.42 4.33 0.00	57.63 4.81 0.00	62.23 5.76 0.00	71.34 6.53 -1.44	77.72 7.13 0.00	103.88 9.45 -6.11	124.71 11.30 -5.75	100.41 9.18 -0.36	78.14 6.85 0.00	74.63 5.99 -4.95	63.87 5.22 -3.71	48.71 4.15 0.00	41.93 3.32 0.00
HEWLETT_69_KV_BK3 55828	39.43 3.40 -3.94	38.52 3.07 -5.31	37.33 2.82 -4.50	37.24 2.66 -5.95	37.26 2.60 -6.40	37.23 2.66 -5.63	37.80 3.03 -4.51	37.98 3.59 -0.54	39.76 3.84 0.00	44.15 3.76 0.00	49.94 4.33 0.00	53.04 4.95 0.00	58.06 5.23 0.00	62.68 6.21 0.00	71.59 6.78 -1.44	78.08 7.48 0.00	104.58 10.16 -6.11	125.36 11.95 -5.75	100.87 9.63 -0.36	78.43 7.13 0.00	74.95 6.31 -4.95	64.36 5.71 -3.71	49.38 4.81 0.00	42.51 3.90 0.00
HICKLING___1 23621	33.58 1.12 -0.37	31.18 0.78 -0.26	30.91 0.66 -0.24	29.31 0.52 -0.17	28.95 0.54 -0.15	29.78 0.67 -0.18	31.31 0.79 -0.26	35.19 0.88 -0.46	37.57 1.08 -0.57	42.67 1.49 -0.79	48.71 2.05 -1.05	51.53 2.26 -1.18	56.53 2.43 -1.27	60.30 2.48 -1.35	67.37 2.34 -1.65	75.68 3.11 -1.98	94.07 3.71 -2.05	114.05 3.77 -2.62	97.24 3.64 -2.72	76.28 2.99 -1.98	67.31 2.17 -1.45	58.18 2.03 -1.21	47.13 1.78 -0.78	40.76 1.58 -0.57
HICKLING___2 23622	33.58 1.12 -0.37	31.18 0.78 -0.26	30.91 0.66 -0.24	29.31 0.52 -0.17	28.95 0.54 -0.15	29.78 0.67 -0.18	31.31 0.79 -0.26	35.19 0.88 -0.46	37.57 1.08 -0.57	42.67 1.49 -0.79	48.71 2.05 -1.05	51.53 2.26 -1.18	56.53 2.43 -1.27	60.30 2.48 -1.35	67.37 2.34 -1.65	75.68 3.11 -1.98	94.07 3.71 -2.05	114.05 3.77 -2.62	97.24 3.64 -2.72	76.28 2.99 -1.98	67.31 2.17 -1.45	58.18 2.03 -1.21	47.13 1.78 -0.78	40.76 1.58 -0.57
HIGH FALLS___HY 23754	34.37 2.28 0.00	32.31 2.17 0.00	31.96 1.95 0.00	30.49 1.86 0.00	30.08 1.81 0.00	30.79 1.85 0.00	32.32 2.06 0.00	35.98 2.13 0.00	38.26 2.33 0.00	42.90 2.50 0.00	48.30 2.69 0.00	51.07 2.98 0.00	56.42 3.59 0.00	60.25 3.78 0.00	67.68 4.31 0.00	75.35 4.87 0.12	94.72 6.98 0.56	112.69 8.18 3.15	97.12 6.73 0.49	76.15 4.85 0.00	67.71 4.01 0.00	58.84 3.90 0.00	47.87 3.30 0.00	41.16 2.55 0.00
HIGH_RIVER___SOLAR 323847	33.92 1.83 0.00	31.89 1.75 0.00	31.69 1.68 0.00	30.20 1.57 0.00	29.85 1.58 0.00	30.55 1.62 0.00	31.96 1.69 0.00	35.64 1.79 0.00	37.75 1.83 0.00	42.37 1.98 0.00	47.75 2.14 0.00	50.39 2.31 0.00	55.42 2.59 0.00	59.18 2.71 0.00	66.73 3.36 0.00	74.40 3.81 0.00	93.72 4.50 -0.91	118.54 6.13 -4.74	97.32 5.73 -0.71	75.93 4.63 0.00	68.03 4.33 0.00	58.50 3.57 0.00	47.24 2.67 0.00	40.85 2.24 0.00

HILLBURN___GT 23639	34.28 2.18 0.00	32.16 2.02 0.00	31.81 1.80 0.00	30.35 1.72 0.00	29.96 1.70 0.00	30.73 1.79 0.00	32.23 1.97 0.00	36.26 2.40 0.00	38.33 2.41 0.00	43.14 2.75 0.00	48.48 2.88 0.00	51.21 3.12 0.00	56.31 3.49 0.00	60.65 4.18 0.00	68.19 4.81 0.00	75.89 5.30 0.00	86.78 7.15 8.68	112.73 8.40 3.33	98.01 6.82 -0.31	76.15 4.85 0.00	67.90 4.20 0.00	58.67 3.74 0.00	47.69 3.12 0.00	41.04 2.43 0.00
HILLSIDE_115KV_TB1 80332	33.05 0.58 -0.38	30.71 0.30 -0.26	30.44 0.18 -0.25	28.89 0.09 -0.17	28.53 0.11 -0.15	29.36 0.23 -0.19	30.83 0.30 -0.27	34.63 0.30 -0.48	37.01 0.50 -0.59	41.98 0.77 -0.82	47.88 1.19 -1.09	50.61 1.30 -1.23	55.57 1.43 -1.32	59.28 1.41 -1.40	66.36 1.27 -1.72	74.42 1.76 -2.06	92.56 2.12 -2.13	112.33 1.94 -2.73	95.71 2.00 -2.83	75.00 1.64 -2.06	66.22 1.02 -1.51	57.24 1.04 -1.26	46.31 0.94 -0.81	40.05 0.85 -0.59
HISHELDN_WT_PWR 323625	32.64 0.55 0.00	30.20 0.06 0.00	29.92 -0.09 0.00	28.40 -0.23 0.00	28.10 -0.17 0.00	28.93 0.00 0.00	30.26 0.00 0.00	33.55 -0.31 0.00	36.35 0.43 0.00	40.35 -0.04 0.00	46.34 0.73 0.00	48.90 0.82 0.00	53.46 0.64 0.00	56.98 0.51 0.00	63.12 -0.25 0.00	71.37 0.78 0.00	89.01 0.70 0.00	107.13 -0.54 0.00	91.06 0.18 0.00	72.01 0.71 0.00	62.93 -0.76 0.00	54.77 -0.16 0.00	44.70 0.13 0.00	39.11 0.50 0.00
HOLTSVILLE_IC_1 23690	39.25 3.21 -3.95	38.46 3.01 -5.31	37.27 2.76 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.74 2.97 -4.51	38.02 3.62 -0.54	39.31 3.38 -0.01	43.70 3.31 0.00	54.97 3.92 -5.44	136.55 4.62 -83.85	143.85 5.07 -85.95	159.70 5.98 -97.25	234.10 6.71 -164.01	236.75 7.34 -158.81	280.65 9.71 -182.63	260.21 11.74 -140.82	303.79 9.63 -203.28	185.62 7.55 -106.76	140.00 6.62 -69.68	137.02 5.66 -76.43	48.85 4.28 0.00	42.05 3.43 0.00
HOLTSVILLE_IC_10 23699	39.51 3.47 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.46 2.89 -5.63	37.95 3.18 -4.51	38.25 3.86 -0.54	39.60 3.67 -0.01	43.98 3.59 0.00	55.59 4.34 -5.65	143.56 5.05 -90.43	151.12 5.60 -92.70	167.89 6.55 -104.88	247.49 7.35 -176.76	249.98 8.11 -171.27	295.29 10.50 -196.48	271.56 12.48 -151.41	320.53 10.45 -219.21	194.70 8.27 -115.14	145.72 7.26 -74.76	143.28 6.21 -82.14	49.21 4.63 -0.01	42.32 3.71 -0.01
HOLTSVILLE_IC_2 23691	39.25 3.21 -3.95	38.46 3.01 -5.31	37.27 2.76 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.74 2.97 -4.51	38.02 3.62 -0.54	39.31 3.38 -0.01	43.70 3.31 0.00	54.97 3.92 -5.44	136.55 4.62 -83.85	143.85 5.07 -85.95	159.70 5.98 -97.25	234.10 6.71 -164.01	236.75 7.34 -158.81	280.65 9.71 -182.63	260.21 11.74 -140.82	303.79 9.63 -203.28	185.62 7.55 -106.76	140.00 6.62 -69.68	137.02 5.66 -76.43	48.85 4.28 0.00	42.05 3.43 0.00
HOLTSVILLE_IC_3 23692	39.25 3.21 -3.95	38.46 3.01 -5.31	37.27 2.76 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.74 2.97 -4.51	38.02 3.62 -0.54	39.31 3.38 -0.01	43.70 3.31 0.00	54.97 3.92 -5.44	136.55 4.62 -83.85	143.85 5.07 -85.95	159.70 5.98 -97.25	234.10 6.71 -164.01	236.75 7.34 -158.81	280.65 9.71 -182.63	260.21 11.74 -140.82	303.79 9.63 -203.28	185.62 7.55 -106.76	140.00 6.62 -69.68	137.02 5.66 -76.43	48.85 4.28 0.00	42.05 3.43 0.00
HOLTSVILLE_IC_4 23693	39.25 3.21 -3.95	38.46 3.01 -5.31	37.27 2.76 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.74 2.97 -4.51	38.02 3.62 -0.54	39.31 3.38 -0.01	43.70 3.31 0.00	54.97 3.92 -5.44	136.55 4.62 -83.85	143.85 5.07 -85.95	159.70 5.98 -97.25	234.10 6.71 -164.01	236.75 7.34 -158.81	280.65 9.71 -182.63	260.21 11.74 -140.82	303.79 9.63 -203.28	185.62 7.55 -106.76	140.00 6.62 -69.68	137.02 5.66 -76.43	48.85 4.28 0.00	42.05 3.43 0.00
HOLTSVILLE_IC_5 23694	39.25 3.21 -3.95	38.46 3.01 -5.31	37.27 2.76 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.74 2.97 -4.51	38.02 3.62 -0.54	39.31 3.38 -0.01	43.70 3.31 0.00	54.97 3.92 -5.44	136.55 4.62 -83.85	143.85 5.07 -85.95	159.70 5.98 -97.25	234.10 6.71 -164.01	236.75 7.34 -158.81	280.65 9.71 -182.63	260.21 11.74 -140.82	303.79 9.63 -203.28	185.62 7.55 -106.76	140.00 6.62 -69.68	137.02 5.66 -76.43	48.85 4.28 0.00	42.05 3.43 0.00
HOLTSVILLE_IC_6 23695	39.51 3.47 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.46 2.89 -5.63	37.95 3.18 -4.51	38.25 3.86 -0.54	39.60 3.67 -0.01	43.98 3.59 0.00	55.59 4.34 -5.65	143.56 5.05 -90.43	151.12 5.60 -92.70	167.89 6.55 -104.88	247.49 7.35 -176.76	249.98 8.11 -171.27	295.29 10.50 -196.48	271.56 12.48 -151.41	320.53 10.45 -219.21	194.70 8.27 -115.14	145.72 7.26 -74.76	143.28 6.21 -82.14	49.21 4.63 -0.01	42.32 3.71 -0.01
HOLTSVILLE_IC_7 23696	39.51 3.47 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.46 2.89 -5.63	37.95 3.18 -4.51	38.25 3.86 -0.54	39.60 3.67 -0.01	43.98 3.59 0.00	55.59 4.34 -5.65	143.56 5.05 -90.43	151.12 5.60 -92.70	167.89 6.55 -104.88	247.49 7.35 -176.76	249.98 8.11 -171.27	295.29 10.50 -196.48	271.56 12.48 -151.41	320.53 10.45 -219.21	194.70 8.27 -115.14	145.72 7.26 -74.76	143.28 6.21 -82.14	49.21 4.63 -0.01	42.32 3.71 -0.01
HOLTSVILLE_IC_8 23697	39.51 3.47 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.46 2.89 -5.63	37.95 3.18 -4.51	38.25 3.86 -0.54	39.60 3.67 -0.01	43.98 3.59 0.00	55.59 4.34 -5.65	143.56 5.05 -90.43	151.12 5.60 -92.70	167.89 6.55 -104.88	247.49 7.35 -176.76	249.98 8.11 -171.27	295.29 10.50 -196.48	271.56 12.48 -151.41	320.53 10.45 -219.21	194.70 8.27 -115.14	145.72 7.26 -74.76	143.28 6.21 -82.14	49.21 4.63 -0.01	42.32 3.71 -0.01
HOLTSVILLE_IC_9 23698	39.51 3.47 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.46 2.89 -5.63	37.95 3.18 -4.51	38.25 3.86 -0.54	39.60 3.67 -0.01	43.98 3.59 0.00	55.59 4.34 -5.65	143.56 5.05 -90.43	151.12 5.60 -92.70	167.89 6.55 -104.88	247.49 7.35 -176.76	249.98 8.11 -171.27	295.29 10.50 -196.48	271.56 12.48 -151.41	320.53 10.45 -219.21	194.70 8.27 -115.14	145.72 7.26 -74.76	143.28 6.21 -82.14	49.21 4.63 -0.01	42.32 3.71 -0.01
HOMER_HL_115KV_TB2 355744	32.86 0.77 0.00	30.39 0.24 0.00	30.04 0.03 0.00	28.51 -0.11 0.00	28.21 -0.06 0.00	29.02 0.09 0.00	30.48 0.21 0.00	33.92 0.07 0.00	36.03 0.11 0.00	40.51 0.12 0.00	46.57 0.96 0.00	49.14 1.06 0.00	53.73 0.90 0.00	57.43 0.96 0.00	63.56 0.19 0.00	71.86 1.27 0.00	89.46 1.15 0.00	107.23 -0.43 0.00	91.24 0.36 0.00	72.01 0.71 0.00	62.68 -1.02 0.00	54.61 -0.33 0.00	44.48 -0.09 0.00	39.15 0.54 0.00
HOWARD_WT_PWR 323690	33.60 1.25 -0.26	31.11 0.78 -0.18	30.81 0.63 -0.17	29.23 0.49 -0.12	28.91 0.54 -0.10	29.87 0.81 -0.13	31.35 0.91 -0.18	35.09 0.91 -0.32	37.90 1.58 -0.40	42.32 1.37 -0.56	48.45 2.10 -0.74	51.23 2.31 -0.84	56.11 2.38 -0.90	59.57 2.15 -0.96	66.32 1.77 -1.17	74.75 2.75 -1.40	93.12 3.17 -1.64	112.64 3.01 -1.97	95.99 3.18 -1.93	75.70 2.99 -1.40	66.57 1.85 -1.03	57.83 2.03 -0.86	46.90 1.78 -0.55	40.63 1.62 -0.41

HQ_GEN_CEDARS 23644	30.74 -1.35 0.00	29.00 -1.15 0.00	28.93 -1.08 0.00	27.60 -1.03 0.00	27.25 -1.02 0.00	27.89 -1.04 0.00	29.33 -0.94 0.00	32.73 -1.12 0.00	34.77 -1.15 0.00	39.10 -1.29 0.00	44.15 -1.46 0.00	46.40 -1.68 0.00	50.82 -2.01 0.00	54.04 -2.43 0.00	60.33 -3.04 0.00	67.13 -3.46 0.00	83.81 -4.50 0.00	102.39 -5.28 0.00	86.43 -4.45 0.00	68.02 -3.28 0.00	60.89 -2.80 0.00	52.41 -2.53 0.00	42.65 -1.92 0.00	37.18 -1.43 0.00
HQ_GEN_CEDARS_PROXY 323590	30.77 -1.32 0.00	28.97 -1.18 0.00	28.96 -1.05 0.00	27.60 -1.03 0.00	27.25 -1.02 0.00	27.89 -1.04 0.00	29.33 -0.94 0.00	32.74 -1.12 0.00	34.74 -1.18 0.00	39.10 -1.29 0.00	44.15 -1.46 0.00	46.36 -1.73 0.00	50.82 -2.01 0.00	54.04 -2.43 2.44	57.90 -3.04 8.96	58.18 -3.46 16.69	67.20 -4.41 19.06	83.33 -5.27 19.06	78.04 -4.45 8.39	68.02 -3.28 0.00	60.89 -2.80 0.00	52.35 -2.58 0.00	42.56 -2.00 0.00	37.18 -1.43 0.00
HQ_GEN_IMPORT 323601	31.35 -0.74 0.00	29.51 -0.63 0.00	29.44 -0.57 0.00	28.08 -0.54 0.00	27.73 -0.54 0.00	28.38 -0.55 0.00	29.72 -0.54 0.00	33.21 -0.64 0.00	35.24 -0.68 0.00	39.67 -0.73 0.00	44.79 -0.82 0.00	47.07 -1.01 0.00	51.67 -1.16 0.00	55.11 -1.36 0.00	61.19 -1.58 0.61	66.53 -1.84 2.23	81.96 -2.20 4.15	100.24 -2.69 4.74	86.53 -2.27 2.09	69.59 -1.71 0.00	62.17 -1.53 0.00	53.56 -1.37 0.00	43.50 -1.07 0.00	37.79 -0.81 0.00
HQ_GEN_WHEEL 23651	31.35 -0.74 0.00	29.51 -0.63 0.00	29.44 -0.57 0.00	28.08 -0.54 0.00	27.73 -0.54 0.00	28.38 -0.55 0.00	29.72 -0.54 0.00	33.21 -0.64 0.00	35.24 -0.68 0.00	39.67 -0.73 0.00	44.79 -0.82 0.00	47.07 -1.01 0.00	51.67 -1.16 0.00	55.11 -1.36 0.00	61.19 -1.58 0.61	66.53 -1.84 2.23	81.96 -2.20 4.15	100.24 -2.69 4.74	86.53 -2.27 2.09	69.59 -1.71 0.00	62.17 -1.53 0.00	53.56 -1.37 0.00	43.50 -1.07 0.00	37.79 -0.81 0.00
HUDSON AVE_GT_3 23810	34.79 2.70 0.00	32.59 2.44 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	44.03 3.64 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.21 4.38 0.00	61.66 5.20 0.00	69.27 5.89 0.00	77.09 6.49 0.00	103.47 9.10 -6.06	123.82 10.44 -5.72	99.60 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.55 4.61 0.00	48.44 3.88 0.00	41.70 3.09 0.00
HUDSON AVE_GT_4 23540	34.79 2.70 0.00	32.59 2.44 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	44.03 3.64 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.21 4.38 0.00	61.66 5.20 0.00	69.27 5.89 0.00	77.09 6.49 0.00	103.47 9.10 -6.06	123.82 10.44 -5.72	99.60 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.55 4.61 0.00	48.44 3.88 0.00	41.70 3.09 0.00
HUDSON AVE_GT_5 23657	34.79 2.70 0.00	32.59 2.44 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	44.03 3.64 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.21 4.38 0.00	61.66 5.20 0.00	69.27 5.89 0.00	77.09 6.49 0.00	103.47 9.10 -6.06	123.82 10.44 -5.72	99.60 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.55 4.61 0.00	48.44 3.88 0.00	41.70 3.09 0.00
HUDSON_AVE_10 24168	34.72 2.63 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.63 2.00 0.00	30.22 1.95 0.00	30.90 1.97 0.00	32.65 2.39 0.00	36.86 3.01 0.00	39.19 3.27 0.00	43.99 3.59 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.16 4.33 0.00	61.61 5.14 0.00	69.20 5.83 0.00	77.09 6.49 0.00	103.38 9.01 -6.06	123.71 10.34 -5.72	99.60 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.49 4.56 0.00	48.40 3.83 0.00	41.62 3.01 0.00
HUDSON___115KV_TB 4 355613	33.57 1.48 0.00	31.59 1.45 0.00	31.39 1.38 0.00	29.94 1.32 0.00	29.57 1.30 0.00	30.21 1.27 0.00	31.53 1.27 0.00	34.97 1.12 0.00	37.11 1.19 0.00	41.52 1.13 0.00	46.84 1.23 0.00	48.95 0.87 0.00	54.04 1.22 0.00	57.77 1.30 0.00	65.28 1.90 0.00	72.68 2.47 0.39	91.73 3.00 -0.42	85.55 4.31 26.42	90.41 4.09 4.56	74.37 3.07 0.00	66.69 2.99 0.00	57.24 2.31 0.00	46.26 1.69 0.00	40.34 1.74 0.00
HUNTER MOUNT___DRP 323613	33.79 1.70 0.00	31.83 1.69 0.00	31.63 1.62 0.00	30.14 1.52 0.00	29.79 1.53 0.00	30.44 1.50 0.00	31.72 1.45 0.00	34.97 1.12 0.00	37.11 1.19 0.00	41.52 1.13 0.00	46.84 1.23 0.00	48.81 0.72 0.00	53.99 1.16 0.00	57.60 1.13 0.00	65.15 1.77 0.00	72.51 2.47 0.55	91.35 3.00 -0.03	91.98 4.41 20.09	91.68 4.27 3.47	74.44 3.14 0.00	66.82 3.12 0.00	57.30 2.36 0.00	46.35 1.78 0.00	40.54 1.93 0.00
HUNTINGTON_RES_REC 323705	39.02 2.95 -3.98	38.22 2.77 -5.31	37.12 2.61 -4.50	37.04 2.46 -5.95	37.06 2.40 -6.40	37.11 2.55 -5.63	37.55 2.78 -4.51	37.74 3.35 -0.54	39.05 3.09 -0.04	43.46 3.07 0.00	49.42 3.65 -0.17	264.85 4.38 -212.38	275.41 4.86 -217.72	308.61 5.82 -246.32	483.24 6.65 -413.21	480.19 7.34 -402.26	551.23 9.71 -453.21	467.27 11.74 -347.87	614.77 9.54 -514.35	349.00 7.28 -270.42	238.99 6.37 -168.92	248.39 5.55 -187.91	48.71 4.15 0.00	41.89 3.28 0.00
HUNTLEY___63 23557	32.48 0.39 0.00	29.96 -0.18 0.00	29.71 -0.30 0.00	28.17 -0.46 0.00	27.84 -0.42 0.00	28.62 -0.32 0.00	29.99 -0.27 0.00	33.14 -0.71 0.00	35.02 -0.90 0.00	39.91 -0.48 0.00	45.79 0.18 0.00	48.28 0.19 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.30 -1.08 0.00	70.59 0.00 0.00	88.04 -0.26 0.00	105.83 -1.83 0.00	89.79 -1.09 0.00	71.16 -0.14 0.00	61.85 -1.85 0.00	53.78 -1.15 0.00	43.90 -0.67 0.00	38.76 0.15 0.00
HUNTLEY___64 23558	32.48 0.39 0.00	29.96 -0.18 0.00	29.71 -0.30 0.00	28.17 -0.46 0.00	27.84 -0.42 0.00	28.62 -0.32 0.00	29.99 -0.27 0.00	33.14 -0.71 0.00	35.02 -0.90 0.00	39.91 -0.48 0.00	45.79 0.18 0.00	48.28 0.19 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.30 -1.08 0.00	70.59 0.00 0.00	88.04 -0.26 0.00	105.83 -1.83 0.00	89.79 -1.09 0.00	71.16 -0.14 0.00	61.85 -1.85 0.00	53.78 -1.15 0.00	43.90 -0.67 0.00	38.76 0.15 0.00
HUNTLEY___65 23559	32.48 0.39 0.00	29.96 -0.18 0.00	29.71 -0.30 0.00	28.17 -0.46 0.00	27.84 -0.42 0.00	28.62 -0.32 0.00	29.99 -0.27 0.00	33.14 -0.71 0.00	35.02 -0.90 0.00	39.91 -0.48 0.00	45.79 0.18 0.00	48.28 0.19 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.30 -1.08 0.00	70.59 0.00 0.00	88.04 -0.26 0.00	105.83 -1.83 0.00	89.79 -1.09 0.00	71.16 -0.14 0.00	61.85 -1.85 0.00	53.78 -1.15 0.00	43.90 -0.67 0.00	38.76 0.15 0.00
HUNTLEY___66 23560	32.48 0.39 0.00	29.96 -0.18 0.00	29.71 -0.30 0.00	28.17 -0.46 0.00	27.84 -0.42 0.00	28.62 -0.32 0.00	29.99 -0.27 0.00	33.14 -0.71 0.00	35.02 -0.90 0.00	39.91 -0.48 0.00	45.79 0.18 0.00	48.28 0.19 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.30 -1.08 0.00	70.59 0.00 0.00	88.04 -0.26 0.00	105.83 -1.83 0.00	89.79 -1.09 0.00	71.16 -0.14 0.00	61.85 -1.85 0.00	53.78 -1.15 0.00	43.90 -0.67 0.00	38.76 0.15 0.00

HUNTLEY___67 23561	32.25 0.16 0.00	29.81 -0.33 0.00	29.53 -0.48 0.00	28.03 -0.60 0.00	27.70 -0.57 0.00	28.47 -0.46 0.00	29.84 -0.42 0.00	32.97 -0.88 0.00	34.88 -1.04 0.00	39.70 -0.69 0.00	45.65 0.05 0.00	48.13 0.05 0.00	52.67 -0.16 0.00	56.19 -0.28 0.00	62.11 -1.27 0.00	70.38 -0.21 0.00	87.69 -0.62 0.00	105.51 -2.15 0.00	89.61 -1.27 0.00	70.94 -0.36 0.00	61.72 -1.97 0.00	53.73 -1.21 0.00	43.81 -0.76 0.00	38.53 -0.08 0.00
HUNTLEY___68 23562	32.25 0.16 0.00	29.81 -0.33 0.00	29.53 -0.48 0.00	28.03 -0.60 0.00	27.70 -0.57 0.00	28.47 -0.46 0.00	29.84 -0.42 0.00	32.97 -0.88 0.00	34.88 -1.04 0.00	39.70 -0.69 0.00	45.65 0.05 0.00	48.13 0.05 0.00	52.67 -0.16 0.00	56.19 -0.28 0.00	62.11 -1.27 0.00	70.38 -0.21 0.00	87.69 -0.62 0.00	105.51 -2.15 0.00	89.61 -1.27 0.00	70.94 -0.36 0.00	61.72 -1.97 0.00	53.73 -1.21 0.00	43.81 -0.76 0.00	38.53 -0.08 0.00
HYLAND___LFGE 323620	34.18 2.08 0.00	31.68 1.54 0.00	31.39 1.38 0.00	29.74 1.12 0.00	29.48 1.21 0.00	30.38 1.45 0.00	31.84 1.57 0.00	35.27 1.42 0.00	37.57 1.65 0.00	39.95 -0.44 0.00	45.29 -0.32 0.00	47.75 -0.33 0.00	51.98 -0.85 0.00	51.16 -5.31 0.00	57.04 -6.34 0.00	64.66 -5.93 0.00	80.19 -8.12 0.00	98.51 -9.15 0.00	85.25 -5.63 0.00	69.45 -1.85 0.00	61.85 -1.85 0.00	57.30 2.36 0.00	46.53 1.96 0.00	40.23 1.62 0.00
INDECK___CORINTH 23802	33.92 1.83 0.00	31.83 1.69 0.00	31.63 1.62 0.00	30.09 1.46 0.00	29.71 1.44 0.00	30.44 1.50 0.00	31.87 1.60 0.00	35.58 1.73 0.00	37.82 1.90 0.00	42.57 2.18 0.00	47.61 2.00 0.00	50.25 2.17 0.00	55.42 2.59 0.00	58.67 2.20 0.00	66.54 3.17 0.00	74.33 3.74 0.00	93.48 4.15 -1.02	121.98 5.70 -8.62	98.33 6.09 -1.36	76.44 5.14 0.00	68.72 5.03 0.00	58.89 3.96 0.00	47.20 2.63 0.00	40.85 2.24 0.00
INDECK___ILION 23567	32.64 0.55 0.00	30.66 0.51 0.00	30.49 0.48 0.00	29.09 0.46 0.00	28.75 0.48 0.00	29.43 0.49 0.00	30.78 0.51 0.00	34.39 0.54 0.00	36.50 0.57 0.00	41.04 0.65 0.00	46.34 0.73 0.00	48.90 0.82 0.00	53.83 1.00 0.00	57.37 0.90 0.00	64.39 1.01 0.00	71.72 1.13 0.00	89.72 1.41 0.00	109.60 1.94 0.00	92.43 1.54 0.00	72.51 1.21 0.00	64.78 1.08 0.00	55.81 0.88 0.00	45.28 0.71 0.00	39.30 0.69 0.00
INDECK___OLEAN 23982	32.86 0.77 0.00	30.38 0.24 0.00	30.04 0.03 0.00	28.51 -0.11 0.00	28.21 -0.06 0.00	29.11 0.17 0.00	30.48 0.21 0.00	33.92 0.07 0.00	36.71 0.79 0.00	40.51 0.12 0.00	46.57 0.96 0.00	49.14 1.06 0.00	53.72 0.90 0.00	57.37 0.90 0.00	63.56 0.19 0.00	71.79 1.20 0.00	89.45 1.15 0.00	107.23 -0.43 0.00	91.25 0.36 0.00	72.01 0.71 0.00	62.67 -1.02 0.00	54.72 -0.22 0.00	44.66 0.09 0.00	39.15 0.54 0.00
INDECK___OSWEGO 23783	34.66 -0.55 -3.12	31.74 -0.57 -2.17	31.49 -0.60 -2.08	29.44 -0.60 -1.42	28.92 -0.59 -1.25	29.91 -0.58 -1.56	31.88 -0.58 -2.20	36.80 -0.95 -3.90	39.83 -0.93 -4.84	46.03 -1.09 -6.72	53.37 -1.14 -8.90	57.04 -1.10 -10.05	62.46 -1.16 -10.80	66.60 -1.36 -11.49	75.80 -1.58 -14.01	85.45 -1.76 -16.62	105.32 -2.20 -19.22	128.12 -2.69 -23.15	111.64 -2.18 -22.94	86.55 -1.64 -16.89	74.56 -1.53 -12.40	63.99 -1.26 -10.32	50.18 -1.02 -6.64	42.52 -0.96 -4.87
INDECK___YERKES 23781	32.51 0.42 0.00	30.02 -0.12 0.00	29.74 -0.27 0.00	28.20 -0.43 0.00	27.90 -0.37 0.00	28.73 -0.20 0.00	30.02 -0.24 0.00	33.14 -0.71 0.00	36.07 0.14 0.00	39.95 -0.44 0.00	45.79 0.18 0.00	48.33 0.24 0.00	52.83 0.00 0.00	56.30 -0.17 0.00	62.30 -1.08 0.00	70.59 0.00 0.00	88.05 -0.26 0.00	105.83 -1.83 0.00	89.79 -1.09 0.00	71.16 -0.14 0.00	61.85 -1.85 0.00	53.84 -1.10 0.00	43.99 -0.58 0.00	38.88 0.27 0.00
INDIAN POINT_GT_1 24139	34.34 2.25 0.00	32.19 2.05 0.00	31.87 1.86 0.00	30.40 1.77 0.00	29.99 1.72 0.00	30.70 1.76 0.00	32.29 2.03 0.00	36.36 2.51 0.00	38.61 2.69 0.00	43.30 2.91 0.00	48.66 3.06 0.00	51.40 3.32 0.00	56.47 3.65 0.00	60.87 4.40 0.00	68.44 5.07 0.00	76.24 5.65 0.00	103.06 7.77 -6.98	122.91 9.04 -6.21	98.59 7.36 -0.35	76.65 5.35 0.00	68.34 4.65 0.00	58.95 4.01 0.00	47.91 3.34 0.00	41.16 2.55 0.00
INDIAN POINT_GT_2 23659	34.34 2.25 0.00	32.19 2.05 0.00	31.87 1.86 0.00	30.40 1.77 0.00	29.99 1.72 0.00	30.70 1.76 0.00	32.29 2.03 0.00	36.36 2.51 0.00	38.61 2.69 0.00	43.30 2.91 0.00	48.66 3.06 0.00	51.40 3.32 0.00	56.47 3.65 0.00	60.87 4.40 0.00	68.44 5.07 0.00	76.24 5.65 0.00	103.06 7.77 -6.98	122.91 9.04 -6.21	98.59 7.36 -0.35	76.65 5.35 0.00	68.34 4.65 0.00	58.95 4.01 0.00	47.91 3.34 0.00	41.16 2.55 0.00
INDIAN POINT_GT_3 24019	34.34 2.25 0.00	32.19 2.05 0.00	31.87 1.86 0.00	30.40 1.77 0.00	29.99 1.72 0.00	30.70 1.76 0.00	32.29 2.03 0.00	36.36 2.51 0.00	38.61 2.69 0.00	43.30 2.91 0.00	48.66 3.06 0.00	51.40 3.32 0.00	56.47 3.65 0.00	60.87 4.40 0.00	68.44 5.07 0.00	76.24 5.65 0.00	103.06 7.77 -6.98	122.91 9.04 -6.21	98.59 7.36 -0.35	76.65 5.35 0.00	68.34 4.65 0.00	58.95 4.01 0.00	47.91 3.34 0.00	41.16 2.55 0.00
INDIAN POINT___2 23530	34.28 2.18 0.00	32.16 2.02 0.00	31.81 1.80 0.00	30.35 1.72 0.00	29.96 1.70 0.00	30.70 1.77 0.00	32.23 1.97 0.00	36.32 2.47 0.00	38.40 2.48 0.00	43.22 2.83 0.00	48.53 2.92 0.00	51.26 3.17 0.00	56.31 3.49 0.00	60.71 4.24 0.00	68.25 4.88 0.00	75.96 5.36 0.00	100.75 7.24 -5.19	121.22 8.50 -5.05	98.12 6.90 -0.33	76.29 4.99 0.00	68.03 4.33 0.00	58.78 3.84 0.00	47.78 3.21 0.00	41.04 2.43 0.00
INDIAN POINT___3 23531	34.27 2.18 0.00	32.16 2.02 0.00	31.81 1.80 0.00	30.37 1.75 0.00	29.96 1.70 0.00	30.64 1.71 0.00	32.23 1.97 0.00	36.26 2.40 0.00	38.51 2.59 0.00	43.18 2.79 0.00	48.53 2.92 0.00	51.21 3.13 0.00	56.31 3.49 0.00	60.65 4.18 0.00	68.19 4.82 0.00	75.89 5.29 0.00	104.84 7.24 -9.29	123.64 8.40 -7.58	98.05 6.82 -0.35	76.22 4.92 0.00	68.03 4.33 0.00	58.73 3.79 0.00	47.69 3.12 0.00	41.04 2.43 0.00
INGHAM_C_115KV_TB7 356103	32.86 0.77 0.00	30.87 0.72 0.00	30.70 0.69 0.00	29.29 0.66 0.00	28.92 0.65 0.00	29.63 0.69 0.00	30.99 0.73 0.00	34.63 0.78 0.00	36.71 0.79 0.00	41.32 0.93 0.00	46.61 1.00 0.00	49.19 1.11 0.00	54.20 1.37 0.00	57.65 1.19 0.00	64.64 1.27 0.00	72.01 1.41 0.00	90.08 1.77 0.00	110.03 2.37 0.00	92.79 1.91 0.00	72.80 1.50 0.00	65.03 1.34 0.00	56.09 1.15 0.00	45.55 0.98 0.00	39.61 1.00 0.00
IP CORINTH___1 23988	34.11 2.02 0.00	32.01 1.87 0.00	31.81 1.80 0.00	30.26 1.63 0.00	29.88 1.61 0.00	30.58 1.65 0.00	32.05 1.79 0.00	35.75 1.90 0.00	38.08 2.16 0.00	42.81 2.42 0.00	47.89 2.28 0.00	50.54 2.45 0.00	55.73 2.91 0.00	58.95 2.48 0.00	66.86 3.49 0.00	74.69 4.09 0.00	94.01 4.68 -1.02	122.63 6.35 -8.62	98.87 6.63 -1.36	76.79 5.49 0.00	69.11 5.41 0.00	59.22 4.28 0.00	47.46 2.90 0.00	41.08 2.47 0.00

IP___TICONDEROGA 23804	36.33 4.24 0.00	34.06 3.92 0.00	33.76 3.75 0.00	32.03 3.41 0.00	31.66 3.39 0.00	32.43 3.50 0.00	33.96 3.69 0.00	37.74 3.89 0.00	40.34 4.42 0.00	45.40 5.01 0.00	50.99 5.38 0.00	53.76 5.67 0.00	59.33 6.50 0.00	62.45 5.99 0.00	71.23 7.86 0.00	79.70 9.11 0.00	100.02 10.69 -1.02	130.70 14.00 -9.04	105.85 13.54 -1.43	82.57 11.27 0.00	74.33 10.64 0.00	63.39 8.46 0.00	50.49 5.93 0.00	43.86 5.25 0.00
ISLIP_RES_REC 323679	39.76 3.72 -3.95	38.89 3.44 -5.31	37.66 3.15 -4.50	37.53 2.95 -5.95	37.60 2.94 -6.40	37.66 3.10 -5.63	38.16 3.39 -4.51	38.49 4.09 -0.54	39.88 3.95 -0.01	44.31 3.92 0.00	56.80 4.79 -6.41	136.01 5.58 -82.35	143.43 6.18 -84.42	159.15 7.17 -95.51	232.59 8.11 -161.10	235.46 8.89 -155.98	279.35 11.57 -179.47	259.85 13.78 -138.40	301.99 11.45 -199.66	185.14 8.98 -104.85	140.12 7.90 -68.53	136.77 6.70 -75.13	49.57 4.99 -0.01	42.67 4.05 -0.01
JAMAICA__27_KV_LOAD 355505	34.98 2.89 0.00	32.74 2.59 0.00	32.32 2.31 0.00	30.83 2.20 0.00	30.42 2.15 0.00	31.10 2.17 0.00	32.93 2.66 0.00	37.20 3.35 0.00	39.58 3.66 0.00	44.51 4.12 0.00	49.94 4.33 0.00	52.66 4.57 0.00	57.85 5.02 0.00	62.34 5.87 0.00	70.03 6.65 0.00	78.08 7.48 0.00	104.71 10.33 -6.07	125.34 11.95 -5.72	100.97 9.72 -0.37	78.44 7.13 -0.01	69.94 6.24 0.00	60.26 5.33 0.00	48.94 4.37 0.00	42.04 3.44 0.00
JANIS___SOLAR 323808	34.73 2.08 -0.55	32.34 1.81 -0.38	32.06 1.68 -0.37	30.42 1.54 -0.25	30.04 1.55 -0.22	30.89 1.68 -0.27	32.56 1.91 -0.39	36.50 1.96 -0.69	38.85 2.08 -0.85	43.79 2.22 -1.18	49.77 2.60 -1.57	52.74 2.89 -1.77	58.00 3.28 -1.90	61.42 2.93 -2.02	69.02 3.17 -2.48	77.30 3.74 -2.97	96.53 5.03 -3.19	118.45 6.79 -4.00	101.22 6.27 -4.08	79.55 5.28 -2.97	70.52 4.65 -2.18	60.65 3.90 -1.82	48.90 3.16 -1.17	42.32 2.86 -0.86
JARVIS____ 23743	32.38 0.29 0.00	30.42 0.27 0.00	30.28 0.27 0.00	28.88 0.26 0.00	28.52 0.25 0.00	29.19 0.26 0.00	30.50 0.24 0.00	34.16 0.30 0.00	36.21 0.29 0.00	40.71 0.32 0.00	45.97 0.36 0.00	48.52 0.43 0.00	53.30 0.47 0.00	56.98 0.51 0.00	64.14 0.63 -0.13	71.79 0.71 -0.49	90.01 0.79 -0.91	109.77 1.08 -1.04	92.25 0.91 -0.46	72.01 0.71 0.00	64.33 0.64 0.00	55.48 0.55 0.00	44.97 0.40 0.00	38.95 0.35 0.00
JENNISON___1 23625	34.76 2.28 -0.39	32.43 2.02 -0.27	32.16 1.89 -0.26	30.58 1.77 -0.18	30.20 1.78 -0.16	31.04 1.91 -0.19	32.66 2.12 -0.27	36.54 2.20 -0.49	38.82 2.30 -0.60	44.02 2.79 -0.84	50.00 3.28 -1.11	52.99 3.65 -1.25	58.45 4.28 -1.34	61.74 3.84 -1.43	69.37 4.25 -1.75	77.49 4.80 -2.10	96.51 6.09 -2.11	118.16 7.75 -2.75	100.49 6.73 -2.89	78.82 5.42 -2.10	69.89 4.65 -1.54	60.12 3.90 -1.28	48.51 3.12 -0.83	42.26 3.05 -0.61
JENNISON___2 23626	34.76 2.28 -0.39	32.43 2.02 -0.27	32.16 1.89 -0.26	30.58 1.77 -0.18	30.20 1.78 -0.16	31.04 1.91 -0.19	32.66 2.12 -0.27	36.54 2.20 -0.49	38.82 2.30 -0.60	44.02 2.79 -0.84	50.00 3.28 -1.11	52.99 3.65 -1.25	58.45 4.28 -1.34	61.74 3.84 -1.43	69.37 4.25 -1.75	77.49 4.80 -2.10	96.51 6.09 -2.11	118.16 7.75 -2.75	100.49 6.73 -2.89	78.82 5.42 -2.10	69.89 4.65 -1.54	60.12 3.90 -1.28	48.51 3.12 -0.83	42.26 3.05 -0.61
JERICHO_RISE_WT_PWR 323719	31.16 -0.93 0.00	29.30 -0.84 0.00	29.20 -0.81 0.00	27.86 -0.77 0.00	27.51 -0.76 0.00	28.18 -0.75 0.00	29.66 -0.61 0.00	33.14 -0.71 0.00	35.24 -0.68 0.00	39.70 -0.69 0.00	44.88 -0.73 0.00	46.50 -1.59 0.00	50.66 -2.17 0.00	53.87 -2.60 0.00	57.54 -3.30 2.54	57.38 -3.88 9.34	66.06 -4.86 17.40	81.77 -6.03 19.86	77.14 -5.00 8.75	67.74 -3.56 0.00	60.70 -2.99 0.00	52.14 -2.80 0.00	42.65 -1.92 0.00	37.57 -1.04 0.00
KATONAH___115KV_46KV_TB4 355592	34.56 2.47 0.00	32.41 2.26 0.00	32.08 2.07 0.00	30.57 1.95 0.00	30.19 1.92 0.00	30.87 1.94 0.00	32.53 2.27 0.00	36.76 2.91 0.00	39.05 3.13 0.00	43.86 3.47 0.00	49.35 3.74 0.00	52.22 4.14 0.00	57.21 4.38 0.00	62.17 5.70 0.00	69.96 6.59 0.00	77.86 7.27 0.00	102.27 9.89 -4.06	123.83 11.63 -4.54	100.69 9.45 -0.36	78.29 6.99 0.00	69.68 5.99 0.00	60.04 5.11 0.00	48.71 4.14 0.00	41.58 2.97 0.00
KCE_NY_1 323755	34.21 2.12 0.00	32.13 1.99 0.00	31.93 1.92 0.00	30.40 1.78 0.00	30.02 1.75 0.00	30.73 1.79 0.00	32.11 1.85 0.00	35.88 2.03 0.00	38.08 2.16 0.00	42.81 2.42 0.00	48.16 2.55 0.00	50.83 2.74 0.00	56.00 3.17 0.00	59.69 3.22 0.00	67.49 4.12 0.00	75.32 4.73 0.00	94.91 5.57 -1.03	124.62 7.32 -9.64	99.13 6.73 -1.53	76.65 5.35 0.00	68.79 5.10 0.00	59.06 4.12 0.00	47.51 2.94 0.00	41.12 2.51 0.00
KCE_NY_6_ESR 323823	32.77 0.67 0.00	30.27 0.12 0.00	29.98 -0.03 0.00	28.46 -0.17 0.00	28.13 -0.14 0.00	28.96 0.03 0.00	30.32 0.06 0.00	33.55 -0.31 0.00	36.42 0.50 0.00	40.43 0.04 0.00	46.52 0.91 0.00	49.14 1.06 0.00	53.72 0.90 0.00	57.32 0.85 0.00	63.44 0.06 0.00	71.79 1.20 0.00	89.55 1.24 0.00	107.55 -0.11 0.00	91.43 0.55 0.00	72.30 1.00 0.00	62.86 -0.83 0.00	54.77 -0.16 0.00	44.70 0.13 0.00	39.26 0.66 0.00
KEDC_PORT_JEFF_GT2 24210	39.35 3.31 -3.95	38.56 3.11 -5.31	37.36 2.85 -4.50	37.24 2.66 -5.95	37.32 2.66 -6.40	37.34 2.78 -5.63	37.82 3.06 -4.51	38.12 3.72 -0.54	39.42 3.48 -0.01	43.70 3.31 0.00	54.29 3.69 -4.99	153.29 4.38 -100.83	160.95 4.76 -103.36	179.06 5.65 -116.94	266.71 6.40 -196.93	268.56 6.99 -190.98	315.96 9.27 -218.38	286.93 11.09 -168.17	344.35 9.09 -244.38	206.81 7.13 -128.38	152.80 6.31 -82.80	151.48 5.39 -91.16	48.63 4.06 0.00	41.97 3.36 0.00
KEDC_PORT_JEFF_GT3 24211	39.35 3.31 -3.95	38.56 3.11 -5.31	37.36 2.85 -4.50	37.24 2.66 -5.95	37.32 2.66 -6.40	37.34 2.78 -5.63	37.82 3.06 -4.51	38.12 3.72 -0.54	39.42 3.48 -0.01	43.70 3.31 0.00	54.29 3.69 -4.99	153.29 4.38 -100.83	160.95 4.76 -103.36	179.06 5.65 -116.94	266.71 6.40 -196.93	268.56 6.99 -190.98	315.96 9.27 -218.38	286.93 11.09 -168.17	344.35 9.09 -244.38	206.81 7.13 -128.38	152.80 6.31 -82.80	151.48 5.39 -91.16	48.63 4.06 0.00	41.97 3.36 0.00
KEDC_GLWD_GT4 24219	39.24 3.21 -3.94	38.37 2.92 -5.31	37.18 2.67 -4.50	37.13 2.55 -5.95	37.15 2.49 -6.40	37.17 2.61 -5.63	37.68 2.91 -4.51	37.91 3.52 -0.54	39.40 3.48 0.00	44.07 3.68 0.00	49.44 3.83 0.00	52.61 4.52 0.00	57.79 4.96 0.00	62.40 5.93 0.00	71.60 6.78 -1.44	78.00 7.41 0.00	104.22 9.80 -6.11	125.14 11.74 -5.75	100.69 9.45 -0.36	78.29 6.99 0.00	74.76 6.12 -4.95	63.97 5.33 -3.71	48.81 4.24 0.00	42.24 3.63 0.00
KEDC_GLWD_GT5 24220	39.24 3.21 -3.94	38.37 2.92 -5.31	37.18 2.67 -4.50	37.13 2.55 -5.95	37.15 2.49 -6.40	37.17 2.61 -5.63	37.68 2.91 -4.51	37.91 3.52 -0.54	39.40 3.48 0.00	44.07 3.68 0.00	49.44 3.83 0.00	52.61 4.52 0.00	57.79 4.96 0.00	62.40 5.93 0.00	71.60 6.78 -1.44	78.00 7.41 0.00	104.22 9.80 -6.11	125.14 11.74 -5.75	100.69 9.45 -0.36	78.29 6.99 0.00	74.76 6.12 -4.95	63.97 5.33 -3.71	48.81 4.24 0.00	42.24 3.63 0.00

KENSICO____ 23655	34.47 2.37 0.00	32.31 2.17 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.79 1.85 0.00	32.41 2.15 0.00	36.53 2.67 0.00	38.79 2.87 0.00	43.50 3.11 0.00	48.89 3.28 0.00	51.60 3.51 0.00	56.74 3.91 0.00	61.16 4.69 0.00	68.76 5.39 0.00	76.52 5.93 0.00	102.90 8.12 -6.46	123.08 9.47 -5.95	98.87 7.63 -0.36	76.86 5.56 0.00	68.54 4.84 0.00	59.17 4.23 0.00	48.04 3.48 0.00	41.31 2.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.34 2.25 0.00	32.28 2.14 0.00	31.93 1.92 0.00	30.46 1.83 0.00	30.05 1.78 0.00	30.76 1.82 0.00	32.26 2.00 0.00	35.92 2.06 0.00	38.15 2.23 0.00	42.77 2.38 0.00	48.16 2.55 0.00	50.88 2.79 0.00	56.21 3.38 0.00	59.91 3.44 0.00	67.30 3.93 0.00	74.96 4.45 0.08	93.68 6.45 1.07	113.42 7.64 1.88	96.93 6.27 0.22	75.86 4.56 0.00	67.52 3.82 0.00	58.73 3.79 0.00	47.78 3.21 0.00	41.12 2.51 0.00
KIAC_JFK_GT1 23816	34.63 2.54 0.00	32.41 2.26 0.00	32.02 2.01 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.81 1.88 0.00	32.62 2.36 0.00	36.86 3.01 0.00	39.23 3.30 0.00	44.07 3.68 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.21 4.38 0.00	61.66 5.20 0.00	69.27 5.89 0.00	77.23 6.64 0.00	103.65 9.27 -6.07	124.04 10.66 -5.72	99.88 8.63 -0.37	77.58 6.27 -0.01	69.17 5.48 0.00	59.60 4.67 0.00	48.40 3.83 0.00	41.62 3.01 0.00
KIAC_JFK_GT2 23817	34.63 2.54 0.00	32.41 2.26 0.00	32.02 2.01 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.81 1.88 0.00	32.62 2.36 0.00	36.86 3.01 0.00	39.23 3.30 0.00	44.07 3.68 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.21 4.38 0.00	61.66 5.20 0.00	69.27 5.89 0.00	77.23 6.64 0.00	103.65 9.27 -6.07	124.04 10.66 -5.72	99.88 8.63 -0.37	77.58 6.27 -0.01	69.17 5.48 0.00	59.60 4.67 0.00	48.40 3.83 0.00	41.62 3.01 0.00
KIAC_JFK____ 323774	34.63 2.53 0.00	32.41 2.26 0.00	32.02 2.01 0.00	30.66 2.03 0.00	30.24 1.98 0.00	31.07 2.14 0.00	32.63 2.36 0.00	36.90 3.05 0.00	39.12 3.20 0.00	44.07 3.68 0.00	49.39 3.78 0.00	52.13 4.04 0.00	57.21 4.38 0.00	61.72 5.25 0.00	69.33 5.96 0.00	77.23 6.63 0.00	103.56 9.18 -6.07	124.05 10.66 -5.72	99.89 8.64 -0.37	77.58 6.28 -0.01	69.17 5.48 0.00	59.66 4.73 0.00	48.44 3.88 0.00	41.62 3.01 0.00
KINTIGH____ 23543	31.96 -0.13 0.00	29.63 -0.51 0.00	29.35 -0.66 0.00	27.88 -0.74 0.00	27.59 -0.68 0.00	28.33 -0.61 0.00	29.69 -0.58 0.00	32.87 -0.98 0.00	34.81 -1.11 0.00	39.54 -0.85 0.00	45.29 -0.32 0.00	47.75 -0.34 0.00	52.25 -0.58 0.00	55.73 -0.73 0.00	61.73 -1.65 0.00	69.82 -0.78 0.00	87.07 -1.24 0.00	105.18 -2.48 0.00	89.24 -1.64 0.00	70.59 -0.71 0.00	61.66 -2.04 0.00	53.62 -1.32 0.00	43.68 -0.89 0.00	38.22 -0.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.58 -0.51 0.00	29.69 -0.45 0.00	29.59 -0.42 0.00	28.23 -0.40 0.00	27.87 -0.40 0.00	28.56 -0.38 0.00	30.08 -0.18 0.00	33.61 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.56 -0.05 0.00	46.93 -1.15 0.00	50.56 -2.27 0.00	53.65 -2.82 0.00	59.76 -3.61 0.00	66.36 -4.24 0.00	82.92 -5.39 0.00	101.20 -6.46 0.00	85.52 -5.36 0.00	67.52 -3.78 0.00	60.57 -3.12 0.00	52.30 -2.64 0.00	43.27 -1.29 0.00	38.07 -0.54 0.00
LACHUTE__HYDRO 323717	36.33 4.24 0.00	34.06 3.92 0.00	33.76 3.75 0.00	32.03 3.41 0.00	31.66 3.39 0.00	32.46 3.53 0.00	33.95 3.69 0.00	37.78 3.92 0.00	40.34 4.42 0.00	45.40 5.01 0.00	50.99 5.38 0.00	53.76 5.67 0.00	59.32 6.50 0.00	62.51 6.05 0.00	71.23 7.86 0.00	79.70 9.11 0.00	100.01 10.68 -1.02	130.69 13.99 -9.04	105.85 13.54 -1.43	82.56 11.26 0.00	74.33 10.64 0.00	63.39 8.46 0.00	50.50 5.93 0.00	43.86 5.25 0.00
LAWRNCALV_115KV_TB1 80681	30.58 -1.70 -0.19	28.77 -1.51 -0.13	28.72 -1.41 -0.12	27.37 -1.35 -0.08	27.01 -1.33 -0.07	27.72 -1.30 -0.09	29.21 -1.18 -0.13	32.66 -1.42 -0.23	34.70 -1.51 -0.29	39.09 -1.70 -0.40	44.27 -1.87 -0.53	46.52 -2.16 -0.60	50.93 -2.54 -0.64	54.05 -3.11 -0.68	60.41 -3.80 -0.84	67.22 -4.38 -1.00	83.65 -5.83 -1.17	102.29 -6.78 -1.41	86.63 -5.63 -1.38	68.10 -4.21 -1.00	60.87 -3.57 -0.74	52.31 -3.24 -0.61	42.56 -2.41 -0.39	37.08 -1.81 -0.29
LEDERLE____ 23769	34.37 2.28 0.00	32.28 2.14 0.00	31.93 1.92 0.00	30.46 1.83 0.00	30.08 1.81 0.00	30.76 1.82 0.00	32.32 2.06 0.00	36.29 2.44 0.00	38.54 2.62 0.00	43.22 2.83 0.00	48.62 3.01 0.00	51.31 3.22 0.00	56.47 3.65 0.00	60.76 4.29 0.00	68.32 4.94 0.00	76.10 5.51 0.00	85.71 7.51 10.10	112.27 8.72 4.11	98.29 7.09 -0.32	76.36 5.06 0.00	68.09 4.39 0.00	58.78 3.85 0.00	47.78 3.21 0.00	41.16 2.55 0.00
LIGHTHSE_115KV_TB6 355974	33.65 -0.10 -1.66	31.09 -0.21 -1.15	30.87 -0.24 -1.10	29.12 -0.26 -0.75	28.70 -0.23 -0.66	29.56 -0.20 -0.83	31.31 -0.12 -1.17	35.75 -0.17 -2.07	38.17 -0.32 -2.57	43.64 -0.32 -3.57	50.11 -0.23 -4.73	53.28 -0.14 -5.34	58.51 -0.05 -5.73	62.23 -0.34 -6.10	70.21 -0.63 -7.47	78.70 -0.85 -8.96	97.71 -1.06 -10.46	119.16 -1.08 -12.58	102.55 -0.64 -12.31	79.98 -0.29 -8.97	70.02 -0.25 -6.58	60.25 -0.16 -5.48	47.91 -0.18 -3.52	41.08 -0.12 -2.59
LINDEN COGEN____ 23786	34.56 2.47 0.00	32.38 2.23 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.05 1.78 0.00	30.84 1.91 0.00	32.50 2.24 0.00	36.66 2.81 0.00	36.98 2.87 1.81	37.28 3.27 6.39	39.98 3.33 8.96	39.93 3.56 11.72	39.93 3.85 16.76	40.83 4.63 20.27	46.29 5.20 22.28	54.21 5.79 22.18	80.33 8.04 16.01	96.97 9.26 19.95	76.45 7.36 21.79	54.33 5.28 22.24	46.12 4.59 22.17	45.62 4.12 13.44	39.43 3.48 8.62	37.09 2.70 4.22
LINDHRST_69_KV_BK1 356055	39.56 3.53 -3.94	38.68 3.23 -5.31	37.48 2.97 -4.50	37.39 2.81 -5.95	37.43 2.77 -6.40	37.40 2.84 -5.63	37.95 3.18 -4.51	38.22 3.83 -0.54	39.91 3.99 0.00	44.07 3.68 0.00	53.19 4.38 -3.20	60.72 5.05 -7.59	66.21 5.60 -7.78	71.82 6.55 -8.80	86.94 7.41 -16.15	93.15 8.19 -14.37	121.52 11.13 -22.09	138.87 13.24 -17.97	120.33 10.72 -18.72	89.23 8.27 -9.66	81.76 7.26 -10.81	71.44 6.21 -10.29	49.34 4.77 -0.01	42.47 3.86 -0.01
LIPA_MISC_IPP 23656	39.44 3.40 -3.95	38.59 3.14 -5.31	37.36 2.85 -4.50	37.27 2.69 -5.95	37.35 2.69 -6.40	37.31 2.75 -5.63	37.86 3.09 -4.51	38.11 3.72 -0.54	39.85 3.92 -0.01	43.86 3.47 0.00	55.47 4.38 -5.48	138.15 5.00 -85.06	145.58 5.55 -87.20	161.62 6.49 -98.66	237.09 7.35 -166.37	239.69 7.98 -161.12	284.27 10.77 -185.19	263.25 12.81 -142.78	307.56 10.45 -206.23	187.81 8.20 -108.31	141.51 7.20 -70.62	138.52 6.10 -77.48	49.07 4.50 0.00	42.28 3.67 0.00
LISF__SOLAR 323691	39.54 3.50 -3.95	38.68 3.23 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.46 2.89 -5.63	37.95 3.18 -4.51	38.25 3.86 -0.54	39.63 3.70 -0.01	44.03 3.64 0.00	55.60 4.47 -5.52	139.57 5.19 -86.29	147.05 5.76 -88.46	163.32 6.77 -100.08	239.66 7.54 -168.74	242.22 8.19 -163.44	286.94 10.86 -187.77	265.54 13.13 -144.75	310.89 10.81 -209.20	189.72 8.55 -109.87	142.71 7.45 -71.57	139.85 6.37 -78.55	49.29 4.72 0.00	42.40 3.79 0.00

LITTLE FALLS___HYD 24013	32.86 0.77 0.00	30.87 0.72 0.00	30.70 0.69 0.00	29.29 0.66 0.00	28.92 0.65 0.00	29.63 0.69 0.00	30.99 0.73 0.00	34.63 0.78 0.00	36.71 0.79 0.00	41.32 0.93 0.00	46.61 1.00 0.00	49.19 1.11 0.00	54.20 1.37 0.00	57.65 1.19 0.00	64.64 1.27 0.00	72.01 1.41 0.00	90.08 1.77 0.00	110.03 2.37 0.00	92.79 1.91 0.00	72.80 1.50 0.00	65.03 1.34 0.00	56.09 1.15 0.00	45.55 0.98 0.00	39.61 1.00 0.00
LITTLRIV_115KV_TB1 356100	30.91 -1.38 -0.20	29.08 -1.21 -0.14	29.03 -1.11 -0.13	27.66 -1.06 -0.09	27.33 -1.02 -0.08	28.05 -0.98 -0.10	29.62 -0.79 -0.14	33.05 -1.05 -0.25	35.08 -1.15 -0.31	39.57 -1.25 -0.43	44.76 -1.41 -0.57	47.10 -1.63 -0.64	51.62 -1.90 -0.69	54.61 -2.60 -0.74	61.04 -3.23 -0.90	67.86 -3.81 -1.08	84.45 -5.12 -1.26	103.36 -5.81 -1.52	87.55 -4.82 -1.48	68.96 -3.42 -1.08	61.62 -2.87 -0.79	52.90 -2.69 -0.66	42.99 -2.01 -0.43	37.57 -1.35 -0.31
LI_NEWBRDGE___DRP 323616	38.76 2.73 -3.94	37.98 2.53 -5.31	36.82 2.31 -4.50	36.79 2.20 -5.95	36.81 2.15 -6.40	36.76 2.20 -5.63	37.28 2.51 -4.51	37.47 3.08 -0.54	39.12 3.20 0.00	43.38 2.99 0.00	49.03 3.42 0.00	52.03 3.94 0.00	57.16 4.33 0.00	61.72 5.25 0.00	70.77 5.96 -1.44	77.09 6.49 0.00	103.25 8.83 -6.11	123.74 10.34 -5.75	99.60 8.36 -0.36	77.57 6.27 0.00	74.19 5.54 -4.95	63.48 4.83 -3.71	48.36 3.79 0.00	41.62 3.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.16 0.06 0.00	29.72 -0.42 0.00	29.44 -0.57 0.00	27.94 -0.69 0.00	27.62 -0.65 0.00	28.38 -0.55 0.00	29.75 -0.51 0.00	32.84 -1.02 0.00	34.63 -1.29 0.00	39.42 -0.97 0.00	45.33 -0.27 0.00	47.80 -0.29 0.00	52.25 -0.58 0.00	55.73 -0.73 0.00	61.60 -1.77 0.00	69.82 -0.78 0.00	86.99 -1.32 0.00	104.86 -2.80 0.00	88.97 -1.91 0.00	70.52 -0.78 0.00	61.40 -2.29 0.00	53.40 -1.54 0.00	43.59 -0.98 0.00	38.34 -0.27 0.00
LOCKPORT___CC1 323769	32.06 -0.03 0.00	29.63 -0.51 0.00	29.38 -0.63 0.00	27.86 -0.77 0.00	27.56 -0.71 0.00	28.38 -0.55 0.00	29.66 -0.61 0.00	32.70 -1.15 0.00	35.60 -0.32 0.00	39.26 -1.13 0.00	45.15 -0.46 0.00	47.61 -0.48 0.00	51.98 -0.85 0.00	55.39 -1.07 0.00	61.28 -2.09 0.00	69.39 -1.20 0.00	86.54 -1.77 0.00	104.32 -3.34 0.00	88.52 -2.36 0.00	70.16 -1.14 0.00	61.08 -2.61 0.00	53.17 -1.76 0.00	43.50 -1.07 0.00	38.22 -0.39 0.00
LOCKPORT___CC2 323770	32.06 -0.03 0.00	29.63 -0.51 0.00	29.38 -0.63 0.00	27.86 -0.77 0.00	27.56 -0.71 0.00	28.38 -0.55 0.00	29.66 -0.61 0.00	32.70 -1.15 0.00	35.60 -0.32 0.00	39.26 -1.13 0.00	45.15 -0.46 0.00	47.61 -0.48 0.00	51.98 -0.85 0.00	55.39 -1.07 0.00	61.28 -2.09 0.00	69.39 -1.20 0.00	86.54 -1.77 0.00	104.32 -3.34 0.00	88.52 -2.36 0.00	70.16 -1.14 0.00	61.08 -2.61 0.00	53.17 -1.76 0.00	43.50 -1.07 0.00	38.22 -0.39 0.00
LOCKPORT___CC3 323771	32.06 -0.03 0.00	29.63 -0.51 0.00	29.38 -0.63 0.00	27.86 -0.77 0.00	27.56 -0.71 0.00	28.38 -0.55 0.00	29.66 -0.61 0.00	32.70 -1.15 0.00	35.60 -0.32 0.00	39.26 -1.13 0.00	45.15 -0.46 0.00	47.61 -0.48 0.00	51.98 -0.85 0.00	55.39 -1.07 0.00	61.28 -2.09 0.00	69.39 -1.20 0.00	86.54 -1.77 0.00	104.32 -3.34 0.00	88.52 -2.36 0.00	70.16 -1.14 0.00	61.08 -2.61 0.00	53.17 -1.76 0.00	43.50 -1.07 0.00	38.22 -0.39 0.00
LONG_LAKE_PHOENIX 24014	34.11 -0.32 -2.34	31.38 -0.39 -1.63	31.15 -0.42 -1.56	29.26 -0.43 -1.06	28.78 -0.42 -0.94	29.70 -0.41 -1.17	31.52 -0.39 -1.65	36.37 -0.41 -2.93	39.09 -0.47 -3.63	45.00 -0.44 -5.05	51.88 -0.41 -6.69	55.30 -0.34 -7.55	60.57 -0.37 -8.11	64.64 -0.45 -8.63	73.38 -0.57 -10.57	82.70 -0.56 -12.67	102.39 -0.71 -14.79	124.48 -0.97 -17.79	107.56 -0.73 -17.40	83.48 -0.50 -12.68	72.49 -0.51 -9.31	62.24 -0.44 -7.75	49.19 -0.36 -4.98	41.88 -0.39 -3.66
LOVETT___3 23632	34.18 2.09 0.00	32.07 1.93 0.00	31.75 1.74 0.00	30.32 1.69 0.00	29.91 1.64 0.00	30.58 1.65 0.00	32.17 1.91 0.00	36.12 2.27 0.00	38.36 2.44 0.00	43.02 2.63 0.00	48.30 2.69 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.36 3.90 0.00	67.87 4.50 0.00	75.53 4.94 0.00	84.41 6.80 10.70	111.08 7.86 4.44	97.57 6.36 -0.32	75.86 4.56 0.00	67.64 3.95 0.00	58.45 3.52 0.00	47.46 2.90 0.00	40.92 2.32 0.00
LOVETT___4 23642	34.18 2.09 0.00	32.07 1.93 0.00	31.75 1.74 0.00	30.32 1.69 0.00	29.91 1.64 0.00	30.58 1.65 0.00	32.17 1.91 0.00	36.12 2.27 0.00	38.36 2.44 0.00	43.02 2.63 0.00	48.30 2.69 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.36 3.90 0.00	67.87 4.50 0.00	75.53 4.94 0.00	84.41 6.80 10.70	111.08 7.86 4.44	97.57 6.36 -0.32	75.86 4.56 0.00	67.64 3.95 0.00	58.45 3.52 0.00	47.46 2.90 0.00	40.92 2.32 0.00
LOVETT___5 23593	34.18 2.09 0.00	32.07 1.93 0.00	31.75 1.74 0.00	30.32 1.69 0.00	29.91 1.64 0.00	30.58 1.65 0.00	32.17 1.91 0.00	36.12 2.27 0.00	38.36 2.44 0.00	43.02 2.63 0.00	48.30 2.69 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.36 3.90 0.00	67.87 4.50 0.00	75.53 4.94 0.00	84.41 6.80 10.70	111.08 7.86 4.44	97.57 6.36 -0.32	75.86 4.56 0.00	67.64 3.95 0.00	58.45 3.52 0.00	47.46 2.90 0.00	40.92 2.32 0.00
LOWER RAQUET___HYD 24057	30.51 -1.80 -0.21	28.66 -1.63 -0.15	28.62 -1.53 -0.14	27.27 -1.46 -0.10	26.91 -1.44 -0.09	27.62 -1.42 -0.11	29.14 -1.27 -0.15	32.60 -1.52 -0.27	34.60 -1.65 -0.33	39.03 -1.82 -0.46	44.21 -2.01 -0.61	46.42 -2.36 -0.69	50.87 -2.69 -0.74	53.98 -3.28 -0.78	58.22 -4.06 1.10	59.45 -4.73 6.41	69.29 -6.27 12.75	85.86 -7.32 14.48	79.29 -6.09 5.51	67.96 -4.49 -1.15	60.72 -3.82 -0.85	52.07 -3.57 -0.71	42.35 -2.67 -0.45	37.01 -1.93 -0.33
LOWER___HUDSON 24059	33.63 1.54 0.00	31.59 1.45 0.00	31.42 1.41 0.00	29.97 1.35 0.00	29.60 1.33 0.00	30.24 1.30 0.00	31.56 1.30 0.00	35.41 1.56 0.00	37.39 1.47 0.00	42.01 1.62 0.00	47.34 1.73 0.00	50.01 1.93 0.00	55.05 2.22 0.00	59.01 2.54 0.00	66.60 3.23 0.00	74.19 3.60 0.00	93.67 4.24 -1.12	129.71 5.59 -16.45	98.46 4.90 -2.67	75.08 3.78 0.00	67.20 3.50 0.00	57.90 2.96 0.00	46.66 2.10 0.00	40.35 1.74 0.00
LOWVILLE_115KV_TB2 356335	32.90 0.32 -0.49	30.76 0.27 -0.34	30.58 0.24 -0.33	29.05 0.20 -0.22	28.69 0.23 -0.20	29.50 0.32 -0.24	31.09 0.48 -0.34	34.87 0.41 -0.61	36.96 0.29 -0.76	41.48 0.04 -1.05	47.50 0.50 -1.39	50.33 0.67 -1.57	55.36 0.85 -1.69	58.55 0.28 -1.79	65.19 -0.38 -2.20	72.66 -0.56 -2.64	90.77 -0.62 -3.08	112.01 0.65 -3.70	95.32 0.82 -3.62	74.87 0.93 -2.64	66.46 0.83 -1.94	57.10 0.55 -1.61	45.96 0.36 -1.04	40.03 0.66 -0.76
LUTHERFT_115KV_GLOB_FND_222 355753	34.18 2.09 0.00	32.10 1.96 0.00	31.90 1.89 0.00	30.40 1.77 0.00	30.02 1.75 0.00	30.67 1.74 0.00	32.08 1.82 0.00	35.85 2.00 0.00	38.08 2.16 0.00	42.77 2.38 0.00	48.12 2.51 0.00	50.78 2.69 0.00	55.94 3.12 0.00	59.63 3.16 0.00	67.43 4.06 0.00	75.25 4.66 0.00	94.91 5.56 -1.03	124.51 7.21 -9.64	99.04 6.63 -1.53	76.58 5.28 0.00	68.66 4.97 0.00	59.00 4.07 0.00	47.46 2.90 0.00	41.08 2.47 0.00

LUTHERNY_35_KV_BK2 355980	34.21 2.12 0.00	32.13 1.99 0.00	31.93 1.92 0.00	30.40 1.77 0.00	30.02 1.75 0.00	30.70 1.76 0.00	32.11 1.85 0.00	35.88 2.03 0.00	38.08 2.16 0.00	42.81 2.42 0.00	48.16 2.55 0.00	50.83 2.74 0.00	56.00 3.17 0.00	59.69 3.22 0.00	67.49 4.12 0.00	75.32 4.73 0.00	94.99 5.65 -1.03	124.62 7.32 -9.64	99.13 6.73 -1.53	76.65 5.35 0.00	68.79 5.10 0.00	59.06 4.12 0.00	47.51 2.94 0.00	41.12 2.51 0.00
LWR___OSWEGATCHIE_HYD 23850	31.55 -0.96 -0.42	29.53 -0.90 -0.29	29.42 -0.87 -0.28	27.99 -0.83 -0.19	27.64 -0.79 -0.17	28.39 -0.75 -0.21	29.96 -0.61 -0.30	33.57 -0.81 -0.53	35.64 -0.93 -0.66	40.09 -1.21 -0.91	45.67 -1.14 -1.21	48.25 -1.20 -1.36	52.97 -1.32 -1.46	56.10 -1.92 -1.56	62.56 -2.73 -1.91	69.70 -3.18 -2.28	86.83 -4.15 -2.67	106.67 -4.20 -3.21	90.75 -3.27 -3.14	71.30 -2.28 -2.29	63.46 -1.91 -1.68	54.52 -1.81 -1.40	44.08 -1.38 -0.90	38.34 -0.93 -0.66
LYONS_FALL_HYD 23570	33.05 0.61 -0.35	30.93 0.54 -0.24	30.75 0.51 -0.23	29.24 0.46 -0.16	28.89 0.48 -0.14	29.66 0.55 -0.18	31.21 0.70 -0.25	34.93 0.64 -0.44	37.11 0.65 -0.54	41.71 0.57 -0.76	47.57 0.96 -1.00	50.37 1.15 -1.13	55.47 1.43 -1.22	58.72 0.96 -1.29	65.38 0.70 -1.30	72.09 0.63 -0.86	89.39 0.79 -0.29	110.17 2.04 -0.47	94.34 1.82 -1.64	74.84 1.64 -1.90	66.56 1.47 -1.40	57.19 1.10 -1.16	46.12 0.80 -0.75	40.12 0.97 -0.55
MADISON___COUNTY_LFGE 323628	33.66 1.22 -0.35	31.47 1.09 -0.24	31.26 1.02 -0.23	29.73 0.94 -0.16	29.34 0.93 -0.14	30.12 1.01 -0.17	31.66 1.15 -0.24	35.47 1.18 -0.43	37.68 1.22 -0.54	42.63 1.49 -0.75	48.42 1.82 -0.99	51.27 2.07 -1.12	56.51 2.48 -1.20	59.95 2.20 -1.28	67.35 2.41 -1.56	75.15 2.68 -1.88	93.85 3.36 -2.19	114.82 4.52 -2.63	97.37 3.91 -2.58	76.31 3.14 -1.88	67.81 2.74 -1.38	58.28 2.20 -1.15	47.04 1.74 -0.74	40.85 1.70 -0.54
MALONE___115KV_TB1 356076	31.13 -0.96 0.00	29.30 -0.84 0.00	29.23 -0.78 0.00	27.88 -0.74 0.00	27.53 -0.73 0.00	28.21 -0.72 0.00	29.75 -0.51 0.00	33.21 -0.64 0.00	35.35 -0.57 0.00	39.83 -0.57 0.00	44.97 -0.64 0.00	46.93 -1.15 0.00	51.03 -1.80 0.00	54.10 -2.37 0.00	60.27 -3.11 0.00	66.99 -3.60 0.00	83.54 -4.77 0.00	102.06 -5.60 0.00	86.25 -4.63 0.00	68.02 -3.28 0.00	61.02 -2.68 0.00	52.52 -2.42 0.00	42.96 -1.60 0.00	37.60 -1.00 0.00
MAPLEWOD_115KV_TB3 80458	33.44 1.35 0.00	31.44 1.30 0.00	31.24 1.23 0.00	29.80 1.17 0.00	29.43 1.16 0.00	30.06 1.13 0.00	31.41 1.15 0.00	35.14 1.29 0.00	37.25 1.33 0.00	41.80 1.41 0.00	47.11 1.51 0.00	49.63 1.54 0.00	54.62 1.80 0.00	58.56 2.09 0.00	66.10 2.73 0.00	73.70 3.11 0.00	93.03 3.62 -1.10	127.80 4.74 -15.41	97.47 4.09 -2.50	74.44 3.14 0.00	66.69 2.99 0.00	57.41 2.47 0.00	46.31 1.74 0.00	40.11 1.51 0.00
MAPLE_RIDGE_WT_1 323574	31.77 -0.32 0.00	29.87 -0.27 0.00	29.77 -0.24 0.00	28.37 -0.26 0.00	28.01 -0.25 0.00	28.64 -0.29 0.00	29.93 -0.33 0.00	32.97 -0.88 0.00	35.02 -0.90 0.00	39.50 -0.89 0.00	44.65 -0.96 0.00	46.89 -1.20 0.00	51.29 -1.53 0.00	54.66 -1.81 0.00	57.19 -2.15 4.03	53.37 -2.40 14.83	57.77 -2.91 27.63	72.89 -3.23 31.54	74.35 -2.64 13.89	69.30 -2.00 0.00	61.91 -1.78 0.00	53.23 -1.70 0.00	43.23 -1.34 0.00	37.64 -0.96 0.00
MAPLE_RIDGE_WT_2 323611	31.77 -0.32 0.00	29.87 -0.27 0.00	29.77 -0.24 0.00	28.37 -0.26 0.00	28.01 -0.25 0.00	28.64 -0.29 0.00	29.93 -0.33 0.00	32.97 -0.88 0.00	35.02 -0.90 0.00	39.50 -0.89 0.00	44.65 -0.96 0.00	46.89 -1.20 0.00	51.29 -1.53 0.00	54.66 -1.81 0.00	57.19 -2.15 4.03	53.37 -2.40 14.83	57.77 -2.91 27.63	72.89 -3.23 31.54	74.35 -2.64 13.89	69.30 -2.00 0.00	61.91 -1.78 0.00	53.23 -1.70 0.00	43.23 -1.34 0.00	37.64 -0.96 0.00
MARBLE_RIVER_WT_PWR 323696	31.29 -0.80 0.00	29.42 -0.72 0.00	29.32 -0.69 0.00	27.97 -0.66 0.00	27.62 -0.65 0.00	28.30 -0.64 0.00	29.78 -0.49 0.00	33.28 -0.58 0.00	35.38 -0.54 0.00	39.91 -0.48 0.00	45.11 -0.50 0.00	46.55 -1.54 0.00	50.61 -2.22 0.00	53.82 -2.65 0.00	57.36 -3.42 2.59	57.05 -4.02 9.53	65.53 -5.03 17.75	81.15 -6.25 20.27	76.87 -5.09 8.92	67.67 -3.63 0.00	60.64 -3.06 0.00	52.08 -2.86 0.00	42.70 -1.87 0.00	37.72 -0.89 0.00
MARSHVLE_115KV_TB1 80742	35.01 2.92 0.00	32.89 2.74 0.00	32.68 2.67 0.00	31.09 2.46 0.00	30.75 2.49 0.00	31.54 2.60 0.00	33.05 2.78 0.00	36.46 2.61 0.00	38.44 2.51 0.00	42.94 2.54 0.00	48.48 2.87 0.00	51.12 3.03 0.00	56.37 3.54 0.00	59.74 3.28 0.00	67.49 4.12 0.00	75.32 4.73 0.00	94.29 5.30 -0.69	119.96 8.29 -4.01	100.12 8.63 -0.61	78.71 7.42 0.00	70.64 6.94 0.00	60.43 5.49 0.00	48.85 4.28 0.00	42.31 3.71 0.00
MARSH_HILL_WT_PWR 323713	33.52 1.19 -0.24	31.07 0.75 -0.17	30.77 0.60 -0.16	29.19 0.46 -0.11	28.87 0.51 -0.10	29.84 0.78 -0.12	31.31 0.88 -0.17	35.03 0.88 -0.30	37.84 1.54 -0.37	42.24 1.33 -0.52	48.30 2.00 -0.69	51.07 2.21 -0.77	55.93 2.27 -0.83	59.38 2.03 -0.89	66.10 1.64 -1.09	74.51 2.61 -1.30	92.83 3.00 -1.52	112.28 2.79 -1.83	95.66 2.99 -1.79	75.46 2.85 -1.30	66.37 1.72 -0.96	57.71 1.97 -0.80	46.82 1.74 -0.51	40.57 1.58 -0.38
MCINTYRE_115KV_TB2 80467	31.00 -1.09 0.00	29.24 -0.90 0.00	29.17 -0.84 0.00	27.85 -0.77 0.00	27.50 -0.76 0.00	28.21 -0.72 0.00	29.75 -0.51 0.00	33.07 -0.78 0.00	35.02 -0.90 0.00	39.42 -0.97 0.00	44.51 -1.09 0.00	46.74 -1.35 0.00	51.24 -1.58 0.00	54.21 -2.26 0.00	60.52 -2.85 0.00	67.28 -3.32 0.00	83.89 -4.42 0.00	102.71 -4.95 0.00	86.88 -4.00 0.00	68.59 -2.71 0.00	61.47 -2.23 0.00	52.79 -2.14 0.00	42.92 -1.65 0.00	37.60 -1.00 0.00
MECO_____69_KV_BK1 80468	36.58 4.49 0.00	34.33 4.19 0.00	34.06 4.05 0.00	32.35 3.72 0.00	32.00 3.73 0.00	32.84 3.91 0.00	34.59 4.33 0.00	38.46 4.60 0.00	40.95 5.03 0.00	45.88 5.49 0.00	52.08 6.48 0.00	54.67 6.59 0.00	60.38 7.55 0.00	63.47 7.00 0.00	71.99 8.62 0.00	80.55 9.95 0.00	100.91 11.83 -0.77	127.87 15.93 -4.28	106.61 15.09 -0.65	83.49 12.19 0.00	74.90 11.21 0.00	63.78 8.84 0.00	51.03 6.46 0.00	44.32 5.71 0.00
MENANDS___115KV_TB5 355628	33.21 1.12 0.00	31.23 1.09 0.00	31.03 1.02 0.00	29.60 0.97 0.00	29.23 0.96 0.00	29.86 0.93 0.00	31.20 0.94 0.00	34.90 1.05 0.00	37.00 1.08 0.00	41.52 1.13 0.00	46.79 1.19 0.00	49.29 1.20 0.00	54.25 1.43 0.00	58.16 1.69 0.00	65.66 2.28 0.00	73.06 2.47 0.00	92.33 2.91 -1.10	122.81 3.88 -11.27	95.95 3.27 -1.80	73.80 2.50 0.00	66.05 2.36 0.00	56.91 1.98 0.00	45.95 1.38 0.00	39.80 1.20 0.00
MG INDUSTRY___DRP 24185	33.25 1.16 0.00	31.26 1.12 0.00	31.12 1.11 0.00	29.72 1.09 0.00	29.31 1.05 0.00	29.98 1.04 0.00	31.23 0.97 0.00	34.83 0.98 0.00	36.93 1.01 0.00	41.40 1.01 0.00	46.61 1.00 0.00	48.95 0.87 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.51 1.14 0.00	71.38 1.20 0.42	90.38 1.50 -0.57	95.35 2.05 14.35	90.07 1.73 2.54	72.51 1.21 0.00	65.03 1.34 0.00	56.09 1.15 0.00	45.73 1.16 0.00	39.73 1.12 0.00

MID___OSWEGATCHIE_HYD 23849	31.55 -0.96 -0.42	29.53 -0.90 -0.29	29.42 -0.87 -0.28	27.99 -0.83 -0.19	27.64 -0.79 -0.17	28.39 -0.75 -0.21	29.96 -0.61 -0.30	33.57 -0.81 -0.53	35.64 -0.93 -0.66	40.09 -1.21 -0.91	45.67 -1.14 -1.21	48.25 -1.20 -1.36	52.97 -1.32 -1.46	56.10 -1.92 -1.56	62.56 -2.73 -1.91	69.70 -3.18 -2.28	86.83 -4.15 -2.67	106.67 -4.20 -3.21	90.75 -3.27 -3.14	71.30 -2.28 -2.29	63.46 -1.91 -1.68	54.52 -1.81 -1.40	44.08 -1.38 -0.90	38.34 -0.93 -0.66
MID___RAQUETTE_HYD 23851	30.48 -1.83 -0.21	28.67 -1.63 -0.15	28.62 -1.53 -0.14	27.26 -1.46 -0.10	26.91 -1.44 -0.09	27.62 -1.42 -0.11	29.14 -1.27 -0.15	32.59 -1.52 -0.27	34.64 -1.62 -0.33	39.03 -1.82 -0.46	44.21 -2.01 -0.61	46.47 -2.31 -0.69	50.87 -2.69 -0.74	53.92 -3.33 -0.78	60.28 -4.06 -0.96	67.02 -4.73 -1.15	83.39 -6.27 -1.35	101.96 -7.32 -1.62	86.38 -6.09 -1.58	67.96 -4.49 -1.15	60.72 -3.82 -0.85	52.18 -3.46 -0.71	42.48 -2.54 -0.45	37.01 -1.93 -0.33
MILLIKEN___1 23584	33.95 1.12 -0.73	31.56 0.90 -0.51	31.31 0.81 -0.49	29.70 0.74 -0.33	29.29 0.73 -0.29	30.11 0.81 -0.37	31.72 0.94 -0.52	35.82 1.05 -0.91	38.17 1.11 -1.14	43.30 1.33 -1.58	49.34 1.64 -2.09	52.27 1.83 -2.36	57.42 2.06 -2.53	61.20 2.03 -2.69	68.77 2.09 -3.30	77.09 2.54 -3.96	96.20 3.27 -4.62	117.20 3.98 -5.56	99.95 3.64 -5.44	78.26 2.99 -3.96	69.21 2.61 -2.91	59.55 2.20 -2.42	47.95 1.83 -1.56	41.26 1.51 -1.14
MILLIKEN___2 23585	33.95 1.12 -0.73	31.56 0.90 -0.51	31.31 0.81 -0.49	29.70 0.74 -0.33	29.29 0.73 -0.29	30.11 0.81 -0.37	31.72 0.94 -0.52	35.82 1.05 -0.91	38.17 1.11 -1.14	43.30 1.33 -1.58	49.34 1.64 -2.09	52.27 1.83 -2.36	57.42 2.06 -2.53	61.20 2.03 -2.69	68.77 2.09 -3.30	77.09 2.54 -3.96	96.20 3.27 -4.62	117.20 3.98 -5.56	99.95 3.64 -5.44	78.26 2.99 -3.96	69.21 2.61 -2.91	59.55 2.20 -2.42	47.95 1.83 -1.56	41.26 1.51 -1.14
MILLIKEN___DIESEL 23629	33.95 1.12 -0.73	31.56 0.90 -0.51	31.31 0.81 -0.49	29.70 0.74 -0.33	29.29 0.73 -0.29	30.11 0.81 -0.37	31.72 0.94 -0.52	35.82 1.05 -0.91	38.17 1.11 -1.14	43.30 1.33 -1.58	49.34 1.64 -2.09	52.27 1.83 -2.36	57.42 2.06 -2.53	61.20 2.03 -2.69	68.77 2.09 -3.30	77.09 2.54 -3.96	96.20 3.27 -4.62	117.20 3.98 -5.56	99.95 3.64 -5.44	78.26 2.99 -3.96	69.21 2.61 -2.91	59.55 2.20 -2.42	47.95 1.83 -1.56	41.26 1.51 -1.14
MILLSEAT___LFGE 323607	32.67 0.58 0.00	30.24 0.09 0.00	29.95 -0.06 0.00	28.40 -0.23 0.00	28.13 -0.14 0.00	28.93 0.00 0.00	30.26 0.00 0.00	33.51 -0.34 0.00	36.39 0.47 0.00	40.23 -0.16 0.00	46.25 0.64 0.00	48.76 0.67 0.00	53.36 0.53 0.00	56.87 0.40 0.00	63.00 -0.38 0.00	71.37 0.78 0.00	89.01 0.70 0.00	107.66 0.00 0.00	91.34 0.46 0.00	72.37 1.07 0.00	63.12 -0.57 0.00	54.88 -0.05 0.00	44.75 0.18 0.00	39.19 0.58 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.37 2.28 0.00	32.22 2.08 0.00	31.90 1.89 0.00	30.43 1.80 0.00	30.05 1.78 0.00	30.73 1.79 0.00	32.32 2.06 0.00	36.39 2.54 0.00	38.65 2.73 0.00	43.34 2.95 0.00	48.71 3.10 0.00	51.45 3.37 0.00	56.53 3.70 0.00	60.93 4.46 0.00	68.51 5.13 0.00	76.31 5.72 0.00	103.17 7.77 -7.09	123.00 9.04 -6.30	98.60 7.36 -0.35	76.65 5.35 0.00	68.34 4.65 0.00	59.00 4.07 0.00	47.91 3.34 0.00	41.19 2.59 0.00
MILLWOOD_13_KV_LOAD 356217	34.47 2.37 0.00	32.35 2.20 0.00	31.99 1.98 0.00	30.52 1.89 0.00	30.10 1.84 0.00	30.81 1.88 0.00	32.44 2.18 0.00	36.59 2.74 0.00	38.87 2.95 0.00	43.62 3.23 0.00	49.03 3.42 0.00	51.84 3.75 0.00	56.84 4.01 0.00	61.49 5.03 0.00	69.14 5.77 0.00	77.02 6.42 0.00	104.14 8.74 -7.09	124.08 10.12 -6.30	99.50 8.27 -0.35	77.36 6.06 0.00	68.92 5.22 0.00	59.44 4.50 0.00	48.27 3.70 0.00	41.39 2.78 0.00
MODEL_CITY_ENERGY 24167	31.87 -0.22 0.00	29.48 -0.66 0.00	29.20 -0.81 0.00	27.71 -0.92 0.00	27.42 -0.85 0.00	28.21 -0.72 0.00	29.48 -0.79 0.00	32.50 -1.36 0.00	35.34 -0.58 0.00	39.06 -1.33 0.00	44.92 -0.68 0.00	47.37 -0.72 0.00	51.72 -1.11 0.00	55.11 -1.36 0.00	60.97 -2.41 0.00	69.11 -1.49 0.00	86.19 -2.12 0.00	103.79 -3.87 0.00	88.16 -2.72 0.00	69.87 -1.43 0.00	60.77 -2.93 0.00	52.96 -1.98 0.00	43.23 -1.34 0.00	38.03 -0.58 0.00
MODERN_LFGE___ 323580	31.87 -0.22 0.00	29.48 -0.66 0.00	29.20 -0.81 0.00	27.71 -0.92 0.00	27.42 -0.85 0.00	28.21 -0.72 0.00	29.48 -0.79 0.00	32.50 -1.36 0.00	35.34 -0.58 0.00	39.06 -1.33 0.00	44.92 -0.68 0.00	47.37 -0.72 0.00	51.72 -1.11 0.00	55.11 -1.36 0.00	60.97 -2.41 0.00	69.11 -1.49 0.00	86.19 -2.12 0.00	103.79 -3.87 0.00	88.16 -2.72 0.00	69.87 -1.43 0.00	60.77 -2.93 0.00	52.96 -1.98 0.00	43.23 -1.34 0.00	38.03 -0.58 0.00
MOHAWK_PAPER___DRP 24187	33.44 1.35 0.00	31.44 1.30 0.00	31.24 1.23 0.00	29.80 1.17 0.00	29.43 1.16 0.00	30.06 1.13 0.00	31.41 1.15 0.00	35.14 1.29 0.00	37.25 1.33 0.00	41.80 1.41 0.00	47.11 1.51 0.00	49.63 1.54 0.00	54.62 1.80 0.00	58.56 2.09 0.00	66.10 2.73 0.00	73.70 3.11 0.00	93.03 3.62 -1.10	127.80 4.74 -15.41	97.47 4.09 -2.50	74.44 3.14 0.00	66.69 2.99 0.00	57.41 2.47 0.00	46.31 1.74 0.00	40.11 1.51 0.00
MOHICAN___35_KV_115KV_LD 80490	34.40 2.31 0.00	32.28 2.14 0.00	32.08 2.07 0.00	30.52 1.89 0.00	30.13 1.87 0.00	30.84 1.91 0.00	32.29 2.03 0.00	36.05 2.20 0.00	38.36 2.44 0.00	43.10 2.71 0.00	48.34 2.74 0.00	50.97 2.89 0.00	56.21 3.38 0.00	59.57 3.11 0.00	67.56 4.18 0.00	75.46 4.87 0.00	95.08 5.74 -1.03	124.49 7.54 -9.29	99.89 7.54 -1.47	77.50 6.20 0.00	69.68 5.99 0.00	59.66 4.72 0.00	47.82 3.25 0.00	41.43 2.82 0.00
MONGAUP___HYD 23641	34.21 2.12 0.00	32.16 2.02 0.00	31.84 1.83 0.00	30.37 1.75 0.00	29.99 1.72 0.00	30.73 1.79 0.00	32.14 1.88 0.00	35.75 1.89 0.00	37.86 1.94 0.00	42.49 2.10 0.00	47.84 2.23 0.00	50.06 1.97 0.00	55.15 2.32 0.00	59.23 2.77 0.00	66.54 3.17 0.00	74.19 3.60 0.00	87.10 4.68 5.89	110.63 4.85 1.88	95.15 3.99 -0.27	75.36 4.06 0.00	67.20 3.50 0.00	58.01 3.07 0.00	47.60 3.03 0.00	41.00 2.39 0.00
MONTAUK___DIESEL 23721	40.95 4.91 -3.95	39.85 4.40 -5.31	38.53 4.02 -4.50	38.45 3.86 -5.95	38.59 3.93 -6.40	38.62 4.05 -5.63	39.28 4.51 -4.51	39.74 5.35 -0.54	41.97 6.03 -0.01	46.25 5.86 0.00	58.71 7.62 -5.49	142.22 8.56 -85.58	149.91 9.35 -87.73	166.28 10.56 -99.25	242.27 11.53 -167.36	244.12 11.44 -162.09	289.86 15.28 -186.27	269.14 17.87 -143.61	312.71 14.36 -207.47	192.39 12.12 -108.96	144.97 10.25 -71.02	141.49 8.62 -77.93	50.86 6.28 0.00	43.78 5.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.89 1.80 0.00	31.20 1.06 0.00	30.88 0.87 0.00	29.23 0.60 0.00	28.86 0.59 0.00	29.74 0.81 0.00	31.26 1.00 0.00	34.83 0.98 0.00	36.89 0.97 0.00	42.09 1.70 0.00	48.66 3.06 0.00	51.40 3.32 0.00	56.26 3.43 0.00	60.14 3.67 0.00	66.29 2.92 0.00	74.97 4.38 0.00	93.17 4.86 0.00	111.54 3.88 0.00	94.97 4.09 0.00	75.15 3.85 0.00	65.22 1.53 0.00	56.75 1.81 0.00	46.31 1.74 0.00	40.73 2.12 0.00

MORTIMER_115KV_TB3 55949	32.41 0.32 0.00	30.11 -0.03 0.00	29.86 -0.15 0.00	28.37 -0.26 0.00	28.07 -0.20 0.00	28.82 -0.12 0.00	30.20 -0.06 0.00	33.61 -0.24 0.00	35.67 -0.25 0.00	40.39 0.00 0.00	46.20 0.59 0.00	48.76 0.67 0.00	53.51 0.69 0.00	57.15 0.68 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.28 0.97 0.00	108.31 0.65 0.00	91.61 0.73 0.00	72.30 1.00 0.00	63.63 -0.06 0.00	55.10 0.16 0.00	44.79 0.22 0.00	38.95 0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.62 2.36 0.00	36.80 2.95 0.00	39.12 3.20 0.00	43.86 3.47 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.93 8.57 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.73 5.03 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.58 2.97 0.00
MUNSVILLE_WIND_PWR 323609	35.83 3.27 -0.47	33.39 2.92 -0.33	33.05 2.73 -0.31	31.39 2.55 -0.21	31.00 2.55 -0.19	31.89 2.72 -0.23	33.65 3.06 -0.33	37.55 3.11 -0.59	39.99 3.34 -0.73	45.20 3.80 -1.01	51.46 4.52 -1.34	54.64 5.05 -1.51	60.31 5.86 -1.62	63.28 5.08 -1.72	71.07 5.58 -2.11	79.48 6.36 -2.53	99.08 8.12 -2.65	121.69 10.66 -3.37	103.81 9.45 -3.48	81.54 7.70 -2.53	72.30 6.75 -1.86	62.03 5.55 -1.55	50.02 4.46 -1.00	43.74 4.40 -0.73
N SALMON___HYD 24042	31.13 -0.96 0.00	29.30 -0.84 0.00	29.23 -0.78 0.00	27.88 -0.74 0.00	27.53 -0.74 0.00	28.21 -0.72 0.00	29.75 -0.51 0.00	33.21 -0.64 0.00	35.31 -0.61 0.00	39.83 -0.57 0.00	44.97 -0.64 0.00	46.79 -1.30 0.00	51.03 -1.80 0.00	54.15 -2.32 0.00	57.85 -3.10 2.42	58.10 -3.60 8.89	67.06 -4.68 16.57	83.14 -5.60 18.92	77.92 -4.63 8.33	68.02 -3.28 0.00	61.02 -2.67 0.00	52.35 -2.58 0.00	42.74 -1.83 0.00	37.60 -1.00 0.00
N.AKRON__115KV_KNAPP 355671	32.70 0.61 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.40 -0.23 0.00	28.10 -0.17 0.00	28.90 -0.03 0.00	30.29 0.03 0.00	33.51 -0.34 0.00	35.42 -0.50 0.00	40.23 -0.16 0.00	46.25 0.64 0.00	48.76 0.67 0.00	53.36 0.53 0.00	56.98 0.51 0.00	62.99 -0.38 0.00	71.37 0.78 0.00	89.10 0.79 0.00	107.55 -0.11 0.00	91.34 0.45 0.00	72.37 1.07 0.00	63.06 -0.64 0.00	54.83 -0.11 0.00	44.66 0.09 0.00	39.15 0.54 0.00
N.BELMOR_69_KV_BK1 55787	39.21 3.18 -3.94	38.34 2.89 -5.31	37.18 2.67 -4.50	37.10 2.52 -5.95	37.12 2.46 -6.40	37.08 2.52 -5.63	37.61 2.84 -4.51	37.84 3.45 -0.54	39.58 3.66 0.00	43.82 3.43 0.00	49.48 3.88 0.00	52.61 4.52 0.00	57.85 5.02 0.00	62.45 5.99 0.00	71.59 6.78 -1.44	78.08 7.48 0.00	104.67 10.24 -6.11	125.47 12.06 -5.75	100.96 9.72 -0.36	78.57 7.27 0.00	75.01 6.37 -4.95	64.20 5.55 -3.71	49.02 4.46 0.00	42.16 3.55 0.00
N.E_GEN_SANDY PD 24062	33.79 1.70 0.00	31.77 1.63 0.00	31.54 1.53 0.00	30.12 1.49 0.00	29.74 1.47 0.00	30.38 1.45 0.00	31.75 1.48 0.00	35.68 1.83 0.00	37.61 1.69 0.00	42.25 1.86 0.00	47.57 1.96 0.00	50.30 2.21 0.00	55.31 2.48 0.00	59.63 3.16 0.00	67.18 3.80 0.00	76.70 4.16 -1.94	95.46 5.12 -2.03	125.90 6.57 -11.67	128.50 5.45 -32.17	104.70 4.06 -29.34	91.20 3.63 -23.88	58.12 3.18 0.00	46.93 2.36 0.00	40.46 1.85 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.27 2.18 0.00	32.16 2.02 0.00	31.81 1.80 0.00	30.37 1.75 0.00	29.96 1.70 0.00	30.64 1.71 0.00	32.23 1.97 0.00	36.19 2.34 0.00	38.40 2.48 0.00	43.10 2.71 0.00	48.39 2.78 0.00	51.07 2.98 0.00	56.21 3.38 0.00	60.53 4.07 0.00	68.06 4.69 0.00	75.75 5.15 0.00	84.98 7.06 10.40	111.57 8.18 4.27	97.84 6.63 -0.32	76.08 4.78 0.00	67.83 4.14 0.00	58.56 3.63 0.00	47.60 3.03 0.00	41.00 2.39 0.00
N.QUEENS_27_KV_LOAD 356247	35.08 2.98 -0.01	32.87 2.71 -0.01	32.48 2.46 -0.01	30.95 2.32 0.00	30.50 2.23 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.25 3.34 0.01	43.99 3.59 0.00	49.26 3.65 0.00	51.89 3.80 0.00	56.95 4.12 0.00	61.32 4.86 0.00	68.76 5.39 0.00	76.59 6.00 0.00	103.11 8.74 -6.06	123.28 9.90 -5.72	99.33 8.09 -0.36	76.93 5.63 0.00	68.46 4.78 0.01	59.17 4.23 0.00	48.58 4.01 0.00	42.01 3.40 -0.01
N.TROY___115KV_TB1 355778	33.63 1.54 0.00	31.59 1.45 0.00	31.42 1.41 0.00	29.97 1.35 0.00	29.60 1.33 0.00	30.24 1.30 0.00	31.57 1.30 0.00	35.38 1.52 0.00	37.47 1.54 0.00	42.01 1.62 0.00	47.34 1.73 0.00	50.01 1.92 0.00	55.05 2.22 0.00	58.95 2.48 0.00	66.61 3.23 0.00	74.19 3.60 0.00	93.76 4.33 -1.12	129.71 5.60 -16.45	98.46 4.91 -2.67	75.08 3.78 0.00	67.20 3.50 0.00	57.90 2.97 0.00	46.66 2.09 0.00	40.34 1.74 0.00
NARROWS_GT1_1 24228	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT1_2 24229	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT1_3 24230	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT1_4 24231	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT1_5 24232	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65

NARROWS_GT1_6 24233	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT1_7 24234	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT1_8 24235	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_1 24236	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_2 24237	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_3 24238	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_4 24239	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_5 24240	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_6 24241	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_7 24242	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NARROWS_GT2_8 24243	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.32 4.49 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.61 10.23 -5.72	99.51 8.27 -0.36	77.15 5.85 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.46 4.24 -21.65	57.69 3.43 -15.65
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.79 1.70 0.00	31.83 1.69 0.00	31.63 1.62 0.00	30.14 1.52 0.00	29.79 1.53 0.00	30.44 1.50 0.00	31.72 1.45 0.00	34.97 1.12 0.00	37.11 1.19 0.00	41.52 1.13 0.00	46.84 1.23 0.00	48.81 0.72 0.00	53.99 1.16 0.00	57.60 1.13 0.00	65.15 1.77 0.00	72.51 2.47 0.55	91.35 3.00 -0.03	91.98 4.41 20.09	91.68 4.27 3.47	74.44 3.14 0.00	66.82 3.12 0.00	57.30 2.36 0.00	46.35 1.78 0.00	40.54 1.93 0.00
NCHELSEA_115KV_TR2 355582	34.53 2.44 0.00	32.47 2.32 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.47 2.21 0.00	36.26 2.40 0.00	38.51 2.59 0.00	43.14 2.75 0.00	48.62 3.01 0.00	51.31 3.22 0.00	56.63 3.80 0.00	60.93 4.46 0.00	68.51 5.13 0.00	76.31 5.72 0.00	96.26 7.95 0.00	118.67 9.47 -1.54	98.88 7.72 -0.27	77.00 5.70 0.00	68.60 4.90 0.00	59.17 4.23 0.00	48.09 3.52 0.00	41.35 2.74 0.00
NEG CAPITAL___MECHNVIL 23645	34.24 2.15 0.00	32.16 2.02 0.00	31.96 1.95 0.00	30.43 1.80 0.00	30.05 1.78 0.00	30.76 1.82 0.00	32.14 1.88 0.00	35.95 2.10 0.00	38.11 2.19 0.00	42.86 2.46 0.00	48.25 2.64 0.00	50.97 2.89 0.00	56.10 3.28 0.00	59.86 3.39 0.00	67.74 4.37 0.00	75.61 5.01 0.00	95.29 5.92 -1.06	126.97 7.76 -11.56	99.73 7.00 -1.85	76.86 5.57 0.00	68.92 5.22 0.00	59.17 4.23 0.00	47.60 3.03 0.00	41.19 2.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.90 -0.19 0.00	29.69 -0.45 0.00	29.44 -0.57 0.00	28.00 -0.63 0.00	27.70 -0.57 0.00	28.44 -0.49 0.00	29.81 -0.45 0.00	33.24 -0.61 0.00	35.78 -0.14 0.00	39.99 -0.40 0.00	45.65 0.05 0.00	48.28 0.19 0.00	52.99 0.16 0.00	56.47 0.00 0.00	62.93 -0.44 0.00	70.81 0.21 0.00	88.40 0.09 0.00	107.34 -0.32 0.00	90.79 -0.09 0.00	71.51 0.21 0.00	63.12 -0.57 0.00	54.66 -0.27 0.00	44.39 -0.18 0.00	38.49 -0.12 0.00

NEG CENTRAL___DRP 24199	33.40 0.58 -0.73	31.01 0.36 -0.51	30.77 0.27 -0.49	29.16 0.20 -0.33	28.76 0.20 -0.29	29.62 0.32 -0.36	31.20 0.42 -0.51	35.20 0.44 -0.91	37.55 0.50 -1.13	42.73 0.77 -1.57	48.78 1.09 -2.08	51.73 1.30 -2.35	56.77 1.43 -2.52	60.56 1.41 -2.68	67.99 1.33 -3.28	76.36 1.84 -3.94	95.02 2.12 -4.59	115.45 2.26 -5.53	98.47 2.18 -5.41	77.24 2.00 -3.94	67.99 1.40 -2.89	58.61 1.26 -2.41	47.19 1.07 -1.55	40.59 0.85 -1.14
NEG CENTRAL___INDECK 23768	33.79 1.70 0.00	31.35 1.21 0.00	31.06 1.05 0.00	29.46 0.83 0.00	29.17 0.90 0.00	30.06 1.13 0.00	31.50 1.24 0.00	35.04 1.18 0.00	37.57 1.65 0.00	40.35 -0.04 0.00	45.84 0.23 0.00	48.43 0.34 0.00	52.93 0.11 0.00	54.21 -2.26 0.00	60.27 -3.10 0.00	68.12 -2.47 0.00	84.77 -3.54 0.00	103.14 -4.52 0.00	88.24 -2.64 0.00	70.80 -0.50 0.00	62.74 -0.95 0.00	56.36 1.43 0.00	45.77 1.20 0.00	39.65 1.04 0.00
NEG CENTRAL___SENECA 23627	33.27 0.80 -0.38	30.98 0.57 -0.26	30.71 0.45 -0.25	29.14 0.34 -0.17	28.79 0.37 -0.15	29.61 0.49 -0.19	31.17 0.64 -0.27	34.93 0.61 -0.47	37.19 0.68 -0.59	42.22 1.01 -0.82	48.19 1.51 -1.08	50.99 1.68 -1.22	55.99 1.85 -1.31	59.73 1.86 -1.39	66.73 1.65 -1.71	75.04 2.40 -2.05	93.44 2.74 -2.39	113.44 2.91 -2.88	96.51 2.82 -2.81	75.99 2.64 -2.05	67.05 1.85 -1.50	57.78 1.59 -1.25	46.75 1.38 -0.81	40.36 1.16 -0.59
NEG CENTRAL___STATE_STREET 24147	33.58 0.51 -0.98	31.19 0.36 -0.68	30.90 0.24 -0.65	29.27 0.20 -0.44	28.86 0.20 -0.39	29.68 0.26 -0.49	31.31 0.36 -0.69	35.51 0.44 -1.22	37.90 0.47 -1.51	43.18 0.69 -2.10	49.35 0.96 -2.79	52.39 1.15 -3.15	57.48 1.27 -3.38	61.36 1.30 -3.59	69.17 1.39 -4.41	77.57 1.69 -5.28	96.59 2.12 -6.16	117.55 2.48 -7.41	100.32 2.18 -7.25	78.37 1.78 -5.29	69.04 1.46 -3.88	59.37 1.21 -3.23	47.67 1.03 -2.08	40.87 0.73 -1.53
NEG MILLWOOD___DRP 24198	34.66 2.57 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.30 2.04 0.00	31.02 2.08 0.00	32.65 2.39 0.00	36.76 2.91 0.00	39.08 3.16 0.00	43.91 3.51 0.00	49.44 3.83 0.00	52.32 4.23 0.00	57.42 4.60 0.00	62.34 5.87 0.00	70.16 6.78 0.00	78.08 7.48 0.00	100.66 10.16 -2.20	122.94 12.06 -3.22	101.11 9.91 -0.32	78.64 7.34 0.00	70.00 6.31 0.00	60.26 5.33 0.00	48.89 4.32 0.00	41.73 3.13 0.00
NEG NORTH_FLCN_SEA 23793	31.64 -0.45 0.00	29.75 -0.39 0.00	29.65 -0.36 0.00	28.26 -0.37 0.00	27.90 -0.37 0.00	28.59 -0.35 0.00	30.11 -0.15 0.00	33.65 -0.20 0.00	35.81 -0.11 0.00	40.35 -0.04 0.00	45.65 0.05 0.00	46.69 -0.39 0.00	50.03 -2.80 0.00	53.08 -3.39 0.00	59.19 -4.18 0.00	65.65 -4.94 0.00	82.04 -6.27 0.00	100.02 -7.64 0.00	84.52 -6.36 0.00	66.74 -4.56 0.00	59.87 -3.82 0.00	51.75 -3.19 0.00	43.19 -1.38 0.00	38.11 -0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	31.23 -0.87 0.00	29.36 -0.78 0.00	29.29 -0.72 0.00	27.91 -0.72 0.00	27.56 -0.71 0.00	28.27 -0.67 0.00	29.72 -0.54 0.00	33.21 -0.64 0.00	35.31 -0.61 0.00	39.79 -0.61 0.00	44.97 -0.64 0.00	46.74 -1.35 0.00	50.71 -2.11 0.00	53.87 -2.60 0.00	60.14 -3.23 0.00	66.78 -3.81 0.00	83.45 -4.86 0.00	101.74 -5.92 0.00	86.06 -4.82 0.00	67.88 -3.42 0.00	60.83 -2.87 0.00	52.46 -2.47 0.00	43.05 -1.52 0.00	37.64 -0.97 0.00
NEG NORTH___ALICE_FALLS 23915	31.58 -0.51 0.00	29.69 -0.45 0.00	29.59 -0.42 0.00	28.23 -0.40 0.00	27.87 -0.40 0.00	28.56 -0.38 0.00	30.08 -0.18 0.00	33.61 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.56 -0.05 0.00	46.93 -1.15 0.00	50.56 -2.27 0.00	53.65 -2.82 0.00	59.76 -3.61 0.00	66.36 -4.24 0.00	82.92 -5.39 0.00	101.20 -6.46 0.00	85.52 -5.36 0.00	67.52 -3.78 0.00	60.57 -3.12 0.00	52.30 -2.64 0.00	43.27 -1.29 0.00	38.07 -0.54 0.00
NEG NORTH___LWR_SARANAC 23913	31.58 -0.51 0.00	29.69 -0.45 0.00	29.59 -0.42 0.00	28.23 -0.40 0.00	27.87 -0.40 0.00	28.56 -0.38 0.00	30.08 -0.18 0.00	33.61 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.56 -0.05 0.00	46.93 -1.15 0.00	50.56 -2.27 0.00	53.65 -2.82 0.00	59.76 -3.61 0.00	66.36 -4.24 0.00	82.92 -5.39 0.00	101.20 -6.46 0.00	85.52 -5.36 0.00	67.52 -3.78 0.00	60.57 -3.12 0.00	52.30 -2.64 0.00	43.27 -1.29 0.00	38.07 -0.54 0.00
NEG NORTH___PLATTSBURG 23628	31.58 -0.51 0.00	29.69 -0.45 0.00	29.59 -0.42 0.00	28.23 -0.40 0.00	27.87 -0.40 0.00	28.56 -0.38 0.00	30.08 -0.18 0.00	33.62 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.56 -0.05 0.00	46.65 -1.44 0.00	50.56 -2.27 0.00	53.70 -2.77 0.00	57.19 -3.61 2.58	56.88 -4.23 9.48	65.36 -5.30 17.66	81.04 -6.46 20.16	76.64 -5.36 8.88	67.52 -3.78 0.00	60.57 -3.12 0.00	51.91 -3.02 0.00	42.74 -1.83 0.00	38.07 -0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	32.06 -0.03 0.00	29.63 -0.51 0.00	29.35 -0.66 0.00	27.85 -0.77 0.00	27.56 -0.71 0.00	28.33 -0.61 0.00	29.66 -0.61 0.00	32.73 -1.12 0.00	34.48 -1.44 0.00	39.26 -1.13 0.00	45.15 -0.46 0.00	47.56 -0.53 0.00	51.98 -0.85 0.00	55.51 -0.96 0.00	61.28 -2.09 0.00	69.46 -1.13 0.00	86.54 -1.77 0.00	104.32 -3.34 0.00	88.52 -2.36 0.00	70.16 -1.14 0.00	61.08 -2.61 0.00	53.18 -1.76 0.00	43.41 -1.16 0.00	38.18 -0.42 0.00
NEG WEST___LANCASTR 23811	32.61 0.51 0.00	30.14 0.00 0.00	29.83 -0.18 0.00	28.31 -0.31 0.00	27.98 -0.28 0.00	28.79 -0.14 0.00	30.20 -0.06 0.00	33.48 -0.37 0.00	35.49 -0.43 0.00	40.31 -0.08 0.00	46.38 0.78 0.00	48.95 0.87 0.00	53.57 0.74 0.00	57.26 0.79 0.00	63.31 -0.06 0.00	71.72 1.13 0.00	89.37 1.06 0.00	107.23 -0.43 0.00	91.15 0.27 0.00	72.01 0.71 0.00	62.61 -1.08 0.00	54.50 -0.44 0.00	44.39 -0.18 0.00	39.07 0.46 0.00
NEG_PENN_ALLEGHNY 23528	33.38 0.83 -0.45	31.12 0.66 -0.32	30.88 0.57 -0.30	29.35 0.52 -0.21	28.96 0.51 -0.18	29.77 0.61 -0.23	31.22 0.64 -0.32	35.16 0.74 -0.57	37.67 1.04 -0.70	42.50 1.13 -0.98	48.36 1.46 -1.29	51.18 1.64 -1.46	56.19 1.80 -1.57	59.95 1.81 -1.67	67.32 1.90 -2.05	75.37 2.33 -2.45	93.67 2.83 -2.53	114.03 3.12 -3.25	97.07 2.82 -3.37	75.97 2.21 -2.46	67.28 1.78 -1.80	58.08 1.65 -1.50	46.92 1.38 -0.96	40.47 1.16 -0.71
NEG___GEN_MONROE 24207	32.54 0.45 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.90 -0.03 0.00	30.32 0.06 0.00	33.68 -0.17 0.00	35.74 -0.18 0.00	40.43 0.04 0.00	46.25 0.64 0.00	48.86 0.77 0.00	53.51 0.69 0.00	57.20 0.73 0.00	63.56 0.19 0.00	71.79 1.20 0.00	89.37 1.06 0.00	108.31 0.65 0.00	91.88 1.00 0.00	72.58 1.28 0.00	63.82 0.13 0.00	55.32 0.38 0.00	45.01 0.45 0.00	39.34 0.73 0.00
NEPA___ENERGY 23901	33.02 0.93 0.00	30.54 0.39 0.00	30.22 0.21 0.00	28.66 0.03 0.00	28.35 0.08 0.00	29.14 0.20 0.00	30.60 0.33 0.00	33.99 0.14 0.00	36.06 0.14 0.00	41.00 0.61 0.00	47.20 1.60 0.00	49.82 1.73 0.00	54.52 1.69 0.00	58.16 1.69 0.00	64.39 1.01 0.00	72.85 2.26 0.00	90.78 2.47 0.00	108.95 1.29 0.00	92.61 1.73 0.00	73.15 1.85 0.00	63.63 -0.06 0.00	55.43 0.49 0.00	45.15 0.58 0.00	39.65 1.04 0.00

NEVERSINK___HYD 23608	33.66 1.57 0.00	31.65 1.51 0.00	31.33 1.32 0.00	29.89 1.26 0.00	29.51 1.24 0.00	30.21 1.27 0.00	31.66 1.39 0.00	35.24 1.39 0.00	37.32 1.40 0.00	41.96 1.57 0.00	47.30 1.69 0.00	49.96 1.87 0.00	55.15 2.32 0.00	57.37 0.90 0.00	64.52 1.14 0.00	71.82 1.27 0.05	89.07 2.29 1.54	109.58 2.79 0.88	93.06 2.18 0.00	72.73 1.43 0.00	64.78 1.08 0.00	57.57 2.64 0.00	46.79 2.23 0.00	40.35 1.74 0.00
NEWKRMKL_115KV_TB1 55635	33.05 0.96 0.00	31.08 0.93 0.00	30.91 0.90 0.00	29.49 0.86 0.00	29.09 0.82 0.00	29.74 0.81 0.00	31.05 0.79 0.00	34.73 0.88 0.00	36.85 0.93 0.00	41.36 0.97 0.00	46.61 1.00 0.00	49.05 0.96 0.00	53.99 1.16 0.00	57.82 1.36 0.00	65.28 1.90 0.00	72.71 2.12 0.00	91.87 2.47 -1.08	103.77 3.23 7.12	92.29 2.73 1.31	73.37 2.07 0.00	65.73 2.04 0.00	56.58 1.65 0.00	45.68 1.11 0.00	39.65 1.04 0.00
NEWTON___FALLS_HYD 23847	31.55 -0.96 -0.42	29.53 -0.90 -0.29	29.42 -0.87 -0.28	27.99 -0.83 -0.19	27.64 -0.79 -0.17	28.39 -0.75 -0.21	29.96 -0.61 -0.30	33.57 -0.81 -0.53	35.64 -0.93 -0.66	40.09 -1.21 -0.91	45.67 -1.14 -1.21	48.25 -1.20 -1.36	52.97 -1.32 -1.46	56.10 -1.92 -1.56	62.56 -2.73 -1.91	69.70 -3.18 -2.28	86.83 -4.15 -2.67	106.67 -4.20 -3.21	90.75 -3.27 -3.14	71.30 -2.28 -2.29	63.46 -1.91 -1.68	54.52 -1.81 -1.40	44.08 -1.38 -0.90	38.34 -0.93 -0.66
NGRID_A1_DSASP 323792	31.45 -0.64 0.00	29.09 -1.06 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.21 0.00	27.83 -1.10 0.00	29.11 -1.15 0.00	32.02 -1.83 0.00	34.84 -1.08 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.74 -1.35 0.00	51.03 -1.80 0.00	54.32 -2.15 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.19 -2.75 0.00	42.65 -1.92 0.00	37.53 -1.08 0.00
NGRID_A2_DSASP 323793	31.45 -0.64 0.00	29.09 -1.06 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.21 0.00	27.83 -1.10 0.00	29.11 -1.15 0.00	32.02 -1.83 0.00	34.84 -1.08 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.74 -1.35 0.00	51.03 -1.80 0.00	54.32 -2.15 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.19 -2.75 0.00	42.65 -1.92 0.00	37.53 -1.08 0.00
NGRID_A4_DSASP 323807	31.45 -0.64 0.00	29.09 -1.06 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.21 0.00	27.83 -1.10 0.00	29.11 -1.15 0.00	32.02 -1.83 0.00	34.84 -1.08 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.74 -1.35 0.00	51.03 -1.80 0.00	54.32 -2.15 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.19 -2.75 0.00	42.65 -1.92 0.00	37.53 -1.08 0.00
NIAGARA_115E_LBMP 323715	31.71 -0.38 0.00	29.33 -0.81 0.00	29.08 -0.93 0.00	27.60 -1.03 0.00	27.31 -0.96 0.00	28.09 -0.84 0.00	29.33 -0.94 0.00	32.30 -1.56 0.00	35.13 -0.79 0.00	38.90 -1.49 0.00	44.70 -0.91 0.00	47.13 -0.96 0.00	51.45 -1.37 0.00	54.83 -1.64 0.00	60.59 -2.79 0.00	68.76 -1.84 0.00	85.75 -2.56 0.00	103.24 -4.42 0.00	87.70 -3.18 0.00	69.45 -1.85 0.00	60.45 -3.25 0.00	52.68 -2.25 0.00	43.01 -1.56 0.00	37.84 -0.77 0.00
NIAGARA_115W_LBMP 323714	31.35 -0.74 0.00	29.00 -1.15 0.00	28.72 -1.29 0.00	27.28 -1.35 0.00	26.97 -1.30 0.00	27.78 -1.16 0.00	29.02 -1.24 0.00	31.92 -1.93 0.00	34.74 -1.18 0.00	38.45 -1.94 0.00	44.19 -1.41 0.00	46.60 -1.49 0.00	50.87 -1.95 0.00	54.15 -2.32 0.00	59.89 -3.49 0.00	67.98 -2.61 0.00	84.69 -3.62 0.00	102.06 -5.60 0.00	86.61 -4.27 0.00	68.66 -2.64 0.00	59.68 -4.01 0.00	52.02 -2.91 0.00	42.52 -2.05 0.00	37.41 -1.20 0.00
NIAGARA_230_LBMP 323716	31.80 -0.29 0.00	29.42 -0.72 0.00	29.14 -0.87 0.00	27.68 -0.94 0.00	27.36 -0.91 0.00	28.18 -0.75 0.00	29.45 -0.82 0.00	32.43 -1.42 0.00	35.28 -0.65 0.00	39.06 -1.33 0.00	44.88 -0.73 0.00	47.27 -0.82 0.00	51.67 -1.16 0.00	55.00 -1.47 0.00	60.84 -2.54 0.00	69.04 -1.55 0.00	86.01 -2.30 0.00	103.68 -3.98 0.00	87.97 -2.91 0.00	69.66 -1.64 0.00	60.70 -2.99 0.00	52.90 -2.03 0.00	43.19 -1.38 0.00	37.95 -0.66 0.00
NIAGARA___115KV_198_GIBSON 55903	31.35 -0.74 0.00	29.00 -1.15 0.00	28.72 -1.29 0.00	27.28 -1.35 0.00	26.97 -1.30 0.00	27.72 -1.22 0.00	29.02 -1.24 0.00	31.96 -1.90 0.00	33.77 -2.16 0.00	38.49 -1.90 0.00	44.19 -1.41 0.00	46.55 -1.54 0.00	50.87 -1.95 0.00	54.27 -2.20 0.00	59.89 -3.49 0.00	67.98 -2.61 0.00	84.69 -3.62 0.00	102.06 -5.60 0.00	86.61 -4.27 0.00	68.66 -2.64 0.00	59.68 -4.01 0.00	52.02 -2.91 0.00	42.43 -2.14 0.00	37.37 -1.24 0.00
NIAGARA____ 23760	31.80 -0.29 0.00	29.42 -0.72 0.00	29.14 -0.87 0.00	27.68 -0.94 0.00	27.36 -0.91 0.00	28.18 -0.75 0.00	29.45 -0.82 0.00	32.43 -1.42 0.00	35.28 -0.65 0.00	39.06 -1.33 0.00	44.88 -0.73 0.00	47.27 -0.82 0.00	51.67 -1.16 0.00	55.00 -1.47 0.00	60.84 -2.54 0.00	69.04 -1.55 0.00	86.01 -2.30 0.00	103.68 -3.98 0.00	87.97 -2.91 0.00	69.66 -1.64 0.00	60.70 -2.99 0.00	52.90 -2.03 0.00	43.19 -1.38 0.00	37.95 -0.66 0.00
NINE_MILE_1 23575	24.40 -0.77 6.92	24.54 -0.78 4.82	24.55 -0.84 4.62	24.68 -0.80 3.14	24.71 -0.79 2.77	24.70 -0.78 3.45	24.58 -0.82 4.87	24.29 -0.91 8.65	24.29 -0.90 10.73	24.42 -1.05 14.92	24.76 -1.10 19.75	24.73 -1.06 22.30	27.71 -1.16 23.96	29.69 -1.30 25.48	30.62 -1.52 31.23	31.55 -1.62 37.43	42.59 -2.03 43.69	52.53 -2.58 52.55	37.38 -2.09 51.42	32.20 -1.64 37.46	34.67 -1.53 27.50	30.72 -1.32 22.89	28.82 -1.02 14.72	26.87 -0.93 10.81
NINE_MILE_2 23744	24.30 -0.77 7.02	24.47 -0.78 4.89	24.48 -0.84 4.69	24.63 -0.80 3.19	24.66 -0.79 2.81	24.65 -0.78 3.50	24.50 -0.82 4.94	24.16 -0.91 8.78	24.13 -0.90 10.90	24.20 -1.05 15.14	24.46 -1.10 20.05	24.39 -1.06 22.64	27.35 -1.16 24.32	29.31 -1.30 25.87	30.15 -1.52 31.70	30.98 -1.62 37.99	41.94 -2.03 44.35	51.74 -2.58 53.34	36.60 -2.09 52.19	31.64 -1.64 38.03	34.25 -1.53 27.91	30.38 -1.32 23.24	28.60 -1.02 14.94	26.71 -0.93 10.97
NM_CAPITAL___DRP 24208	33.12 1.03 0.00	31.14 0.99 0.00	30.97 0.96 0.00	29.54 0.92 0.00	29.17 0.90 0.00	29.80 0.87 0.00	31.11 0.85 0.00	34.80 0.95 0.00	36.89 0.97 0.00	41.40 1.01 0.00	46.66 1.05 0.00	49.10 1.01 0.00	54.04 1.22 0.00	57.94 1.47 0.00	65.40 2.03 0.00	72.78 2.19 0.00	91.97 2.56 -1.10	113.40 3.45 -2.30	94.07 2.91 -0.28	73.44 2.14 0.00	65.80 2.10 0.00	56.69 1.76 0.00	45.77 1.20 0.00	39.69 1.08 0.00
NM_CENTRAL___DRP 24181	32.75 0.03 -0.63	30.52 -0.06 -0.44	30.31 -0.12 -0.42	28.77 -0.14 -0.28	28.38 -0.14 -0.25	29.13 -0.12 -0.31	30.64 -0.06 -0.44	34.57 -0.07 -0.78	36.86 -0.04 -0.97	41.78 0.04 -1.35	47.58 0.18 -1.79	50.44 0.34 -2.02	55.42 0.42 -2.17	59.11 0.34 -2.31	66.52 0.32 -2.83	74.48 0.49 -3.39	92.79 0.53 -3.95	112.85 0.43 -4.76	95.99 0.45 -4.65	75.05 0.36 -3.39	66.37 0.19 -2.49	57.17 0.16 -2.07	46.03 0.13 -1.33	39.62 0.04 -0.98

NM_FRONTIER___DRP 24179	31.35 -0.74 0.00	29.00 -1.15 0.00	28.72 -1.29 0.00	27.28 -1.35 0.00	26.97 -1.30 0.00	27.72 -1.22 0.00	29.02 -1.24 0.00	31.96 -1.90 0.00	33.77 -2.16 0.00	38.49 -1.90 0.00	44.19 -1.41 0.00	46.55 -1.54 0.00	50.87 -1.95 0.00	54.27 -2.20 0.00	59.89 -3.49 0.00	67.98 -2.61 0.00	84.69 -3.62 0.00	102.06 -5.60 0.00	86.61 -4.27 0.00	68.66 -2.64 0.00	59.68 -4.01 0.00	52.02 -2.91 0.00	42.43 -2.14 0.00	37.37 -1.24 0.00
NM_ST_REGIS___HYD 24053	30.65 -1.64 -0.19	28.83 -1.45 -0.13	28.76 -1.38 -0.13	27.40 -1.32 -0.09	27.04 -1.30 -0.08	27.76 -1.27 -0.10	29.28 -1.12 -0.13	32.77 -1.32 -0.24	34.82 -1.40 -0.30	39.27 -1.53 -0.41	44.46 -1.69 -0.54	46.63 -2.07 -0.61	50.95 -2.54 -0.66	54.01 -3.16 -0.70	60.31 -3.93 -0.86	67.11 -4.52 -1.03	83.51 -6.01 -1.20	102.11 -7.00 -1.45	86.48 -5.82 -1.42	68.05 -4.28 -1.03	60.82 -3.63 -0.76	52.33 -3.24 -0.63	42.61 -2.36 -0.41	37.17 -1.74 -0.30
NORTHPORT___1 23551	38.63 2.60 -3.94	37.92 2.47 -5.31	36.88 2.37 -4.50	36.82 2.23 -5.95	36.84 2.18 -6.40	36.88 2.32 -5.63	37.28 2.51 -4.51	37.54 3.15 -0.54	38.54 2.62 0.00	38.72 2.55 4.22	34.92 3.06 13.74	38.67 3.61 13.02	42.29 3.96 14.50	52.99 4.86 8.33	61.36 5.51 7.52	75.84 6.00 0.75	102.84 7.95 -6.58	124.36 9.69 -7.00	103.03 7.90 -4.25	79.59 6.49 -1.80	75.09 5.73 -5.66	64.78 4.89 -4.95	45.88 3.48 2.17	34.92 2.70 6.39
NORTHPORT___2 23552	38.63 2.60 -3.94	37.92 2.47 -5.31	36.88 2.37 -4.50	36.82 2.23 -5.95	36.84 2.18 -6.40	36.88 2.32 -5.63	37.28 2.51 -4.51	37.54 3.15 -0.54	38.54 2.62 0.00	38.72 2.55 4.22	34.92 3.06 13.74	35.24 3.61 16.46	35.24 3.96 21.55	35.24 4.86 26.09	35.24 5.51 33.64	35.24 6.00 41.35	35.18 7.95 61.08	35.26 9.69 82.09	35.26 7.90 63.52	35.87 6.49 41.92	35.84 5.73 33.59	35.46 4.89 24.37	35.24 3.48 12.81	34.92 2.70 6.39
NORTHPORT___3 23553	38.37 2.34 -3.93	37.74 2.29 -5.31	36.70 2.19 -4.50	36.70 2.12 -5.95	36.70 2.04 -6.40	36.71 2.14 -5.63	37.10 2.33 -4.51	37.20 2.81 -0.54	38.36 2.44 0.01	38.63 2.46 4.23	35.10 2.88 13.38	35.09 3.46 16.46	35.12 3.85 21.56	35.12 4.74 26.09	35.10 5.38 33.65	35.09 5.86 41.36	35.08 7.86 61.09	35.03 9.48 82.10	34.98 7.63 63.53	35.08 5.71 41.93	35.07 4.97 33.60	34.90 4.34 24.37	35.05 3.30 12.81	34.76 2.55 6.40
NORTHPORT___4 23650	38.37 2.34 -3.93	37.74 2.29 -5.31	36.70 2.19 -4.50	36.70 2.12 -5.95	36.70 2.04 -6.40	36.71 2.14 -5.63	37.10 2.33 -4.51	37.20 2.81 -0.54	38.36 2.44 0.01	38.63 2.46 4.23	35.10 2.88 13.38	35.09 3.46 16.46	35.12 3.85 21.56	35.12 4.74 26.09	35.10 5.38 33.65	35.09 5.86 41.36	35.08 7.86 61.09	35.03 9.48 82.10	34.98 7.63 63.53	35.08 5.71 41.93	35.07 4.97 33.60	34.90 4.34 24.37	35.05 3.30 12.81	34.76 2.55 6.40
NORTHPORT___IC 23718	38.63 2.60 -3.94	37.92 2.47 -5.31	36.88 2.37 -4.50	36.81 2.23 -5.95	36.87 2.20 -6.40	36.82 2.26 -5.63	37.28 2.51 -4.51	37.47 3.08 -0.54	38.94 3.02 0.00	38.68 2.50 4.22	34.92 3.06 13.74	35.19 3.56 16.46	35.24 3.96 21.55	35.18 4.80 26.09	35.24 5.51 33.64	35.24 6.00 41.35	35.53 8.30 61.08	35.36 9.80 82.09	35.26 7.91 63.52	35.87 6.49 41.92	35.84 5.73 33.59	35.40 4.83 24.37	35.19 3.43 12.81	34.92 2.70 6.39
NORTH___COUNTRY_ESR 323785	31.16 -0.93 0.00	29.30 -0.84 0.00	29.20 -0.81 0.00	27.86 -0.77 0.00	27.51 -0.76 0.00	28.18 -0.75 0.00	29.66 -0.61 0.00	33.14 -0.71 0.00	35.24 -0.68 0.00	39.70 -0.69 0.00	44.88 -0.73 0.00	46.50 -1.59 0.00	50.66 -2.17 0.00	53.87 -2.60 0.00	57.54 -3.30 2.54	57.38 -3.88 9.34	66.06 -4.86 17.40	81.77 -6.03 19.86	77.14 -5.00 8.75	67.74 -3.56 0.00	60.70 -2.99 0.00	52.14 -2.80 0.00	42.65 -1.92 0.00	37.57 -1.04 0.00
NPX_GEN_1385_PROXY 323591	37.92 1.89 -3.94	37.26 1.81 -5.31	36.19 1.68 -4.50	35.30 1.37 -5.30	35.16 1.36 -5.54	36.10 1.53 -5.63	36.46 1.69 -4.51	37.00 2.61 -0.54	37.86 1.94 0.00	38.19 2.02 4.22	35.47 3.60 13.74	39.10 4.66 13.65	42.22 5.18 15.79	51.00 6.10 11.57	58.00 6.91 12.28	70.00 7.56 8.15	91.66 9.10 5.75	118.24 12.91 2.33	107.89 10.63 -6.38	83.60 8.70 -3.60	79.57 7.64 -8.24	60.48 5.93 0.39	44.74 4.28 4.11	35.08 2.86 6.39
NPX_GEN_CSC 323557	39.35 3.31 -3.95	38.49 3.04 -5.31	37.27 2.76 -4.50	37.16 2.58 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.77 3.00 -4.51	38.05 3.66 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.33 4.24 -5.48	138.47 5.00 -85.38	145.90 5.55 -87.53	161.98 6.49 -99.02	237.64 7.28 -166.98	240.22 7.90 -161.72	284.58 10.42 -185.86	263.54 12.59 -143.29	308.23 10.36 -207.00	188.21 8.20 -108.71	141.69 7.13 -70.87	138.74 6.04 -77.76	49.03 4.46 0.00	42.16 3.55 0.00
NSINS_S_GLNS_FALLS 23858	34.40 2.31 0.00	32.25 2.11 0.00	32.05 2.04 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.81 1.88 0.00	32.26 2.00 0.00	36.02 2.17 0.00	38.33 2.41 0.00	43.10 2.71 0.00	48.30 2.69 0.00	50.92 2.84 0.00	56.16 3.33 0.00	59.52 3.05 0.00	67.49 4.12 0.00	75.39 4.80 0.00	94.90 5.56 -1.02	124.12 7.43 -9.03	99.76 7.45 -1.43	77.43 6.13 0.00	69.68 5.99 0.00	59.66 4.72 0.00	47.78 3.21 0.00	41.39 2.78 0.00
NUCOR_STEEL___DRP 24197	33.71 0.58 -1.05	31.29 0.42 -0.73	31.04 0.33 -0.70	29.36 0.26 -0.48	28.97 0.28 -0.42	29.77 0.32 -0.52	31.42 0.42 -0.74	35.63 0.47 -1.31	38.05 0.50 -1.62	43.29 0.65 -2.25	49.50 0.91 -2.98	52.51 1.06 -3.37	57.66 1.22 -3.62	61.50 1.19 -3.85	69.36 1.27 -4.72	77.80 1.55 -5.65	96.85 1.94 -6.60	117.86 2.26 -7.94	100.65 2.00 -7.77	78.60 1.64 -5.66	69.25 1.40 -4.15	59.55 1.15 -3.46	47.82 1.03 -2.22	41.01 0.77 -1.63
NUMBER_THREE_WT_PWR 323818	32.85 0.26 -0.50	30.71 0.21 -0.35	30.53 0.18 -0.33	29.00 0.14 -0.23	28.67 0.20 -0.20	29.44 0.26 -0.25	31.04 0.42 -0.35	34.78 0.30 -0.63	36.95 0.25 -0.78	41.39 -0.08 -1.08	47.45 0.41 -1.43	50.28 0.58 -1.62	55.30 0.74 -1.74	58.54 0.23 -1.85	64.60 -0.51 -1.74	70.67 -0.71 -0.78	86.99 -0.88 0.43	107.79 0.43 0.30	93.44 0.64 -1.92	74.80 0.79 -2.72	66.45 0.77 -1.99	57.03 0.44 -1.66	45.90 0.27 -1.07	39.97 0.58 -0.78
NYISO_LBMP_REFERENCE 24008	32.09 0.00 0.00	30.14 0.00 0.00	30.01 0.00 0.00	28.63 0.00 0.00	28.27 0.00 0.00	28.93 0.00 0.00	30.26 0.00 0.00	33.85 0.00 0.00	35.92 0.00 0.00	40.39 0.00 0.00	45.61 0.00 0.00	48.09 0.00 0.00	52.83 0.00 0.00	56.47 0.00 0.00	63.37 0.00 0.00	70.59 0.00 0.00	88.31 0.00 0.00	107.66 0.00 0.00	90.88 0.00 0.00	71.30 0.00 0.00	63.69 0.00 0.00	54.94 0.00 0.00	44.57 0.00 0.00	38.61 0.00 0.00
NYPA_BRENTWD____GT 24164	39.43 3.40 -3.94	38.61 3.16 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.43 2.87 -5.63	37.92 3.15 -4.51	38.22 3.82 -0.54	39.44 3.52 0.00	43.90 3.51 0.00	68.03 4.24 -18.18	70.74 4.66 -18.00	76.45 5.18 -18.45	83.27 5.93 -20.87	106.42 6.71 -36.33	112.02 7.34 -34.08	142.02 9.71 -44.00	154.24 11.84 -34.73	144.52 9.73 -43.91	101.85 7.63 -22.91	89.22 6.69 -18.84	79.97 5.71 -19.32	49.24 4.63 -0.03	42.35 3.71 -0.03

NYPA_GOWANUS____GT5 24156	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.73 6.14 0.00	103.20 8.83 -6.06	123.61 10.23 -5.72	99.42 8.18 -0.36	77.07 5.77 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.41 4.19 -21.65	57.69 3.43 -15.65
NYPA_GOWANUS____GT6 24157	35.08 2.99 -0.01	32.83 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.47 2.21 0.00	31.16 2.23 0.00	32.83 2.57 0.00	37.13 3.28 0.00	45.50 3.45 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.27 4.18 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.88 5.51 0.00	76.73 6.14 0.00	103.20 8.83 -6.06	123.61 10.23 -5.72	99.42 8.18 -0.36	77.07 5.77 0.00	68.59 4.90 0.01	63.00 4.73 -3.34	70.41 4.19 -21.65	57.69 3.43 -15.65
NYPA_HARLEM__RVR__GT1 24160	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.02 2.08 0.00	32.63 2.36 0.00	36.82 2.98 0.01	39.04 3.12 0.01	43.86 3.47 0.01	49.06 3.46 0.01	51.73 3.65 0.01	56.73 3.91 0.01	61.09 4.63 0.01	68.44 5.07 0.01	76.30 5.72 0.01	102.67 8.30 -6.06	122.85 9.48 -5.72	98.87 7.63 -0.36	76.58 5.28 0.00	68.14 4.46 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.90 3.28 -0.01
NYPA_HARLEM__RVR__GT2 24161	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.02 2.08 0.00	32.63 2.36 0.00	36.82 2.98 0.01	39.04 3.12 0.01	43.86 3.47 0.01	49.06 3.46 0.01	51.73 3.65 0.01	56.73 3.91 0.01	61.09 4.63 0.01	68.44 5.07 0.01	76.30 5.72 0.01	102.67 8.30 -6.06	122.85 9.48 -5.72	98.87 7.63 -0.36	76.58 5.28 0.00	68.14 4.46 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.90 3.28 -0.01
NYPA_KENT____GT 24152	34.99 2.89 0.00	32.77 2.62 0.00	32.39 2.37 0.00	30.83 2.20 0.00	30.41 2.15 0.00	31.11 2.17 0.00	32.77 2.51 0.00	37.07 3.22 0.00	43.24 3.38 -3.94	44.22 3.80 -0.03	49.47 3.83 -0.03	52.13 4.04 0.00	57.10 4.28 0.00	61.58 5.08 -0.03	68.82 5.45 0.00	76.67 6.07 0.00	103.03 8.66 -6.06	123.39 10.01 -5.72	99.24 8.00 -0.36	76.93 5.63 0.00	68.47 4.78 0.01	59.87 4.51 -0.43	51.18 4.06 -2.55	49.02 3.32 -7.09
NYPA_POUCHI____GT 24155	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.07 2.14 0.00	32.75 2.48 0.00	37.00 3.15 0.00	45.36 3.30 -6.13	44.20 3.76 -0.06	49.50 3.83 -0.06	52.08 3.99 0.00	57.10 4.28 0.00	61.61 5.08 -0.06	68.70 5.32 0.00	76.59 6.00 0.00	103.03 8.66 -6.06	123.39 10.01 -5.72	99.24 8.00 -0.36	76.93 5.63 0.00	68.47 4.78 0.01	62.83 4.56 -3.34	70.28 4.06 -21.65	57.58 3.32 -15.65
NYPA_VERNON____GT2 24162	34.88 2.79 0.00	32.68 2.53 0.00	32.29 2.28 0.00	30.78 2.15 0.00	30.36 2.09 0.00	31.07 2.14 0.00	32.75 2.48 0.00	37.00 3.15 0.00	40.94 3.27 -1.75	44.07 3.68 -0.01	49.36 3.74 -0.01	52.03 3.94 0.00	57.00 4.17 0.00	61.45 4.97 -0.01	68.82 5.45 0.00	76.67 6.07 0.00	102.93 8.56 -6.06	123.17 9.80 -5.72	99.06 7.82 -0.36	76.86 5.57 0.00	68.47 4.78 0.01	59.28 4.34 -0.01	48.50 3.92 -0.01	42.93 3.20 -1.12
NYPA_VERNON____GT3 24163	34.88 2.79 0.00	32.68 2.53 0.00	32.29 2.28 0.00	30.78 2.15 0.00	30.36 2.09 0.00	31.07 2.14 0.00	32.75 2.48 0.00	37.00 3.15 0.00	40.94 3.27 -1.75	44.07 3.68 -0.01	49.36 3.74 -0.01	52.03 3.94 0.00	57.00 4.17 0.00	61.45 4.97 -0.01	68.82 5.45 0.00	76.67 6.07 0.00	102.93 8.56 -6.06	123.17 9.80 -5.72	99.06 7.82 -0.36	76.86 5.57 0.00	68.47 4.78 0.01	59.28 4.34 -0.01	48.50 3.92 -0.01	42.93 3.20 -1.12
NYPA__ASTORIA_CC1 323568	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	31.02 2.08 0.00	32.69 2.42 0.00	36.93 3.08 0.00	39.98 3.20 -0.86	43.98 3.59 0.00	49.21 3.60 0.00	51.88 3.80 0.00	56.84 4.01 0.00	61.27 4.80 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.67 8.30 -6.06	122.96 9.58 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.28 4.59 0.01	59.11 4.17 0.00	48.40 3.83 0.00	41.74 3.13 -0.01
NYPA__ASTORIA_CC2 323569	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	31.02 2.08 0.00	32.69 2.42 0.00	36.93 3.08 0.00	39.98 3.20 -0.86	43.98 3.59 0.00	49.21 3.60 0.00	51.88 3.80 0.00	56.84 4.01 0.00	61.27 4.80 0.00	68.63 5.26 0.00	76.45 5.86 0.00	102.67 8.30 -6.06	122.96 9.58 -5.72	98.87 7.63 -0.36	76.65 5.35 0.00	68.28 4.59 0.01	59.11 4.17 0.00	48.40 3.83 0.00	41.74 3.13 -0.01
NYPA__HOLTSVILL 23794	39.25 3.21 -3.95	38.44 2.98 -5.31	37.27 2.76 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.26 2.69 -5.63	37.74 2.97 -4.51	38.02 3.62 -0.54	39.31 3.38 -0.01	43.66 3.27 0.00	54.97 3.92 -5.44	136.51 4.57 -83.85	143.80 5.02 -85.95	159.70 5.98 -97.25	234.10 6.71 -164.01	236.75 7.34 -158.81	280.56 9.63 -182.63	260.11 11.63 -140.82	303.71 9.54 -203.28	185.55 7.48 -106.76	140.00 6.62 -69.68	137.02 5.66 -76.43	48.85 4.28 0.00	42.05 3.43 0.00
NYPA____HELLGATE_GT1 24158	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.02 2.08 0.00	32.63 2.36 0.00	36.82 2.98 0.01	39.04 3.12 0.01	43.86 3.47 0.01	49.06 3.46 0.01	51.73 3.65 0.01	56.73 3.91 0.01	61.09 4.63 0.01	68.44 5.07 0.01	76.30 5.72 0.01	102.67 8.30 -6.06	122.85 9.48 -5.72	98.87 7.63 -0.36	76.58 5.28 0.00	68.14 4.46 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.90 3.28 -0.01
NYPA____HELLGATE_GT2 24159	34.99 2.89 -0.01	32.77 2.62 -0.01	32.39 2.37 -0.01	30.86 2.23 0.00	30.44 2.18 0.00	31.02 2.08 0.00	32.63 2.36 0.00	36.82 2.98 0.01	39.04 3.12 0.01	43.86 3.47 0.01	49.06 3.46 0.01	51.73 3.65 0.01	56.73 3.91 0.01	61.09 4.63 0.01	68.44 5.07 0.01	76.30 5.72 0.01	102.67 8.30 -6.06	122.85 9.48 -5.72	98.87 7.63 -0.36	76.58 5.28 0.00	68.14 4.46 0.01	59.00 4.07 0.00	48.44 3.88 0.00	41.90 3.28 -0.01
NYS_BARGE__HYD 23848	32.16 0.06 0.00	29.72 -0.42 0.00	29.44 -0.57 0.00	27.94 -0.69 0.00	27.64 -0.62 0.00	28.44 -0.49 0.00	29.75 -0.51 0.00	32.80 -1.05 0.00	35.67 -0.25 0.00	39.42 -0.97 0.00	45.34 -0.27 0.00	47.80 -0.29 0.00	52.25 -0.58 0.00	55.68 -0.79 0.00	61.60 -1.77 0.00	69.75 -0.84 0.00	86.99 -1.32 0.00	104.86 -2.80 0.00	88.97 -1.91 0.00	70.52 -0.78 0.00	61.40 -2.29 0.00	53.45 -1.48 0.00	43.68 -0.89 0.00	38.38 -0.23 0.00
OAK ORCHARD__HYD 24046	32.41 0.32 0.00	30.11 -0.03 0.00	29.86 -0.15 0.00	28.37 -0.26 0.00	28.07 -0.20 0.00	28.85 -0.09 0.00	30.20 -0.06 0.00	33.62 -0.24 0.00	36.24 0.32 0.00	40.39 0.00 0.00	46.20 0.59 0.00	48.76 0.67 0.00	53.51 0.68 0.00	57.03 0.56 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.28 0.97 0.00	108.31 0.65 0.00	91.60 0.72 0.00	72.30 1.00 0.00	63.63 -0.06 0.00	55.21 0.28 0.00	44.88 0.31 0.00	38.99 0.39 0.00

OAKDALE___35_KV_LOAD 356122	33.24 0.71 -0.44	30.99 0.54 -0.31	30.78 0.48 -0.29	29.26 0.43 -0.20	28.87 0.42 -0.18	29.65 0.49 -0.22	31.12 0.54 -0.31	34.98 0.58 -0.55	37.32 0.72 -0.68	42.27 0.93 -0.95	48.05 1.19 -1.26	50.85 1.35 -1.42	55.83 1.48 -1.53	59.62 1.52 -1.62	66.95 1.58 -1.99	74.95 1.98 -2.38	93.15 2.38 -2.45	113.50 2.69 -3.15	96.52 2.36 -3.28	75.54 1.85 -2.39	66.91 1.46 -1.75	57.77 1.37 -1.46	46.66 1.16 -0.94	40.26 0.97 -0.69
OCC_CHEM___DRP 24175	31.45 -0.64 0.00	29.06 -1.09 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.22 0.00	27.78 -1.16 0.00	29.11 -1.15 0.00	32.06 -1.79 0.00	33.87 -2.05 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.69 -1.39 0.00	51.03 -1.80 0.00	54.44 -2.03 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.13 -2.80 0.00	42.56 -2.01 0.00	37.49 -1.12 0.00
OH_GEN_PROXY 24063	31.80 -0.29 0.00	29.42 -0.72 0.00	29.14 -0.87 0.00	27.68 -0.94 0.00	27.39 -0.88 0.00	28.18 -0.75 0.00	29.48 -0.79 0.00	32.50 -1.36 0.00	35.31 -0.61 0.00	39.14 -1.25 0.00	44.97 -0.64 0.00	47.37 -0.72 0.00	51.77 -1.06 0.00	55.11 -1.36 0.00	60.97 -2.41 0.00	69.18 -1.41 0.00	86.28 -2.03 0.00	104.00 -3.66 0.00	88.24 -2.64 0.00	69.87 -1.43 0.00	60.83 -2.87 0.00	53.01 -1.92 0.00	43.27 -1.29 0.00	37.99 -0.62 0.00
OLIN_CORP_DRP 24177	31.77 -0.32 0.00	29.39 -0.75 0.00	29.11 -0.90 0.00	27.65 -0.97 0.00	27.33 -0.93 0.00	28.09 -0.84 0.00	29.39 -0.88 0.00	32.40 -1.46 0.00	34.20 -1.72 0.00	38.94 -1.45 0.00	44.79 -0.82 0.00	47.17 -0.91 0.00	51.56 -1.27 0.00	55.00 -1.47 0.00	60.71 -2.66 0.00	68.90 -1.69 0.00	85.84 -2.47 0.00	103.46 -4.20 0.00	87.79 -3.09 0.00	69.59 -1.71 0.00	60.51 -3.18 0.00	52.74 -2.20 0.00	43.01 -1.56 0.00	37.84 -0.77 0.00
OLIN_CORP_DSASP 323712	31.45 -0.64 0.00	29.09 -1.06 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.21 0.00	27.83 -1.10 0.00	29.11 -1.15 0.00	32.02 -1.83 0.00	34.84 -1.08 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.74 -1.35 0.00	51.03 -1.80 0.00	54.32 -2.15 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.19 -2.75 0.00	42.65 -1.92 0.00	37.53 -1.08 0.00
ONEIDA_HERK_LFGE 323681	33.13 0.77 -0.27	31.02 0.69 -0.19	30.82 0.63 -0.18	29.35 0.60 -0.12	28.99 0.62 -0.11	29.76 0.69 -0.13	31.27 0.82 -0.19	35.00 0.81 -0.33	37.16 0.83 -0.41	41.82 0.85 -0.58	47.55 1.18 -0.76	50.34 1.40 -0.86	55.44 1.69 -0.92	58.75 1.30 -0.98	65.62 1.20 -1.05	72.73 1.27 -0.87	90.52 1.59 -0.61	111.16 2.69 -0.80	94.68 2.36 -1.44	74.74 1.99 -1.44	66.48 1.72 -1.06	57.19 1.37 -0.88	46.16 1.03 -0.57	40.18 1.16 -0.42
ONEIDA___115KV_TB4 55905	33.66 1.22 -0.35	31.47 1.09 -0.24	31.26 1.02 -0.23	29.73 0.94 -0.16	29.34 0.93 -0.14	30.12 1.01 -0.17	31.66 1.15 -0.24	35.47 1.18 -0.43	37.68 1.22 -0.54	42.63 1.49 -0.75	48.42 1.82 -0.99	51.27 2.07 -1.12	56.51 2.48 -1.20	59.95 2.20 -1.28	67.35 2.41 -1.56	75.15 2.68 -1.88	93.85 3.36 -2.19	114.82 4.52 -2.63	97.37 3.91 -2.58	76.31 3.14 -1.88	67.81 2.74 -1.38	58.28 2.20 -1.15	47.04 1.74 -0.74	40.85 1.70 -0.54
ONONDAGA_REF_OCCRA 23987	32.87 0.00 -0.77	30.56 -0.12 -0.54	30.35 -0.18 -0.52	28.78 -0.20 -0.35	28.38 -0.20 -0.31	29.15 -0.17 -0.39	30.69 -0.12 -0.54	34.72 -0.10 -0.97	37.05 -0.07 -1.20	42.06 0.00 -1.67	47.91 0.09 -2.21	50.82 0.24 -2.49	55.82 0.32 -2.68	59.60 0.28 -2.85	67.12 0.25 -3.49	75.20 0.42 -4.18	93.64 0.44 -4.88	113.97 0.43 -5.87	96.99 0.36 -5.75	75.77 0.29 -4.19	66.90 0.13 -3.07	57.60 0.11 -2.56	46.30 0.09 -1.65	39.78 -0.04 -1.21
ONONDAGA___COGEN 23986	33.45 0.22 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.44 0.17 -1.42	37.86 0.18 -1.76	42.96 0.12 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.99 0.34 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.86 0.55 -8.44	77.87 0.43 -6.15	68.53 0.32 -4.51	58.97 0.27 -3.76	47.25 0.27 -2.42	40.54 0.15 -1.77
ONTARIO___LFGE 23819	33.27 0.80 -0.38	30.98 0.57 -0.26	30.71 0.45 -0.25	29.14 0.34 -0.17	28.78 0.37 -0.15	29.64 0.52 -0.19	31.17 0.64 -0.27	34.93 0.61 -0.47	37.55 1.04 -0.59	42.22 1.01 -0.82	48.19 1.50 -1.08	51.04 1.73 -1.22	55.99 1.85 -1.31	59.62 1.75 -1.39	66.73 1.64 -1.71	75.04 2.40 -2.05	93.35 2.65 -2.39	113.44 2.91 -2.88	96.52 2.82 -2.81	75.99 2.64 -2.05	67.05 1.85 -1.50	57.89 1.70 -1.25	46.80 1.43 -0.81	40.36 1.16 -0.59
ORANGEVILLE_WT_PWR 323706	32.70 0.61 0.00	30.30 0.15 0.00	30.01 0.00 0.00	28.49 -0.14 0.00	28.15 -0.11 0.00	29.02 0.09 0.00	30.35 0.09 0.00	33.65 -0.20 0.00	36.46 0.54 0.00	40.51 0.12 0.00	46.43 0.82 0.00	49.00 0.91 0.00	53.62 0.79 0.00	57.09 0.62 0.00	63.31 -0.06 0.00	71.51 0.92 0.00	89.19 0.88 0.00	107.45 -0.21 0.00	91.34 0.46 0.00	72.16 0.86 0.00	63.18 -0.51 0.00	54.99 0.05 0.00	44.84 0.27 0.00	39.22 0.62 0.00
ORANGEVILLE___ESR 323794	32.70 0.61 0.00	30.30 0.15 0.00	30.01 0.00 0.00	28.49 -0.14 0.00	28.15 -0.11 0.00	29.02 0.09 0.00	30.35 0.09 0.00	33.65 -0.20 0.00	36.46 0.54 0.00	40.51 0.12 0.00	46.43 0.82 0.00	49.00 0.91 0.00	53.62 0.79 0.00	57.09 0.62 0.00	63.31 -0.06 0.00	71.51 0.92 0.00	89.19 0.88 0.00	107.45 -0.21 0.00	91.34 0.46 0.00	72.16 0.86 0.00	63.18 -0.51 0.00	54.99 0.05 0.00	44.84 0.27 0.00	39.22 0.62 0.00
OSWEGATCHIE___HYD 24044	31.55 -0.96 -0.42	29.54 -0.90 -0.29	29.42 -0.87 -0.28	27.99 -0.83 -0.19	27.64 -0.79 -0.17	28.39 -0.75 -0.21	29.96 -0.61 -0.30	33.57 -0.81 -0.53	35.64 -0.93 -0.66	40.09 -1.21 -0.91	45.67 -1.14 -1.21	48.20 -1.25 -1.36	52.97 -1.32 -1.46	56.10 -1.92 -1.56	61.19 -2.72 -0.54	64.69 -3.18 2.73	77.48 -4.15 6.68	95.99 -4.20 7.47	86.05 -3.27 1.56	71.30 -2.28 -2.29	63.46 -1.91 -1.68	54.46 -1.87 -1.40	44.00 -1.47 -0.90	38.34 -0.93 -0.66
OSWEGO___5 23606	36.75 -0.51 -5.18	33.21 -0.54 -3.61	32.89 -0.57 -3.45	30.41 -0.57 -2.35	29.77 -0.57 -2.07	30.97 -0.55 -2.58	33.36 -0.54 -3.64	39.68 -0.64 -6.47	43.34 -0.61 -8.03	50.83 -0.73 -11.16	59.70 -0.68 -14.78	64.10 -0.67 -16.68	70.01 -0.74 -17.92	74.69 -0.85 -19.06	85.72 -1.02 -23.36	97.60 -0.99 -28.00	119.67 -1.32 -32.68	145.25 -1.73 -39.31	127.99 -1.36 -38.47	98.33 -1.00 -28.03	83.24 -1.02 -20.57	71.24 -0.82 -17.13	54.91 -0.67 -11.01	46.08 -0.62 -8.09
OSWEGO___6 23613	36.75 -0.51 -5.18	33.21 -0.54 -3.61	32.89 -0.57 -3.45	30.41 -0.57 -2.35	29.77 -0.57 -2.07	30.97 -0.55 -2.58	33.36 -0.54 -3.64	39.68 -0.64 -6.47	43.34 -0.61 -8.03	50.83 -0.73 -11.16	59.70 -0.68 -14.78	64.10 -0.67 -16.68	70.01 -0.74 -17.92	74.69 -0.85 -19.06	85.72 -1.02 -23.36	97.60 -0.99 -28.00	119.67 -1.32 -32.68	145.25 -1.73 -39.31	127.99 -1.36 -38.47	98.33 -1.00 -28.03	83.24 -1.02 -20.57	71.24 -0.82 -17.13	54.91 -0.67 -11.01	46.08 -0.62 -8.09

OUTOKUMPU-AB___DRP 24206	32.48 0.39 0.00	29.96 -0.18 0.00	29.71 -0.30 0.00	28.17 -0.46 0.00	27.84 -0.42 0.00	28.62 -0.32 0.00	29.99 -0.27 0.00	33.14 -0.71 0.00	35.02 -0.90 0.00	39.91 -0.48 0.00	45.79 0.18 0.00	48.28 0.19 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.30 -1.08 0.00	70.59 0.00 0.00	88.04 -0.26 0.00	105.83 -1.83 0.00	89.79 -1.09 0.00	71.16 -0.14 0.00	61.85 -1.85 0.00	53.78 -1.15 0.00	43.90 -0.67 0.00	38.76 0.15 0.00
OXBOW___BTM 323836	32.03 -0.06 0.00	29.57 -0.57 0.00	29.32 -0.69 0.00	27.83 -0.80 0.00	27.51 -0.76 0.00	28.32 -0.61 0.00	29.60 -0.67 0.00	32.63 -1.22 0.00	35.53 -0.39 0.00	39.34 -1.05 0.00	45.20 -0.41 0.00	47.65 -0.43 0.00	52.09 -0.74 0.00	55.51 -0.96 0.00	61.34 -2.03 0.00	69.60 -0.99 0.00	86.72 -1.59 0.00	104.43 -3.23 0.00	88.61 -2.27 0.00	70.23 -1.07 0.00	61.02 -2.67 0.00	53.17 -1.76 0.00	43.41 -1.16 0.00	38.26 -0.35 0.00
OXBOW___ 24026	32.03 -0.06 0.00	29.57 -0.57 0.00	29.32 -0.69 0.00	27.83 -0.80 0.00	27.50 -0.76 0.00	28.27 -0.67 0.00	29.60 -0.67 0.00	32.67 -1.18 0.00	34.52 -1.40 0.00	39.34 -1.05 0.00	45.20 -0.41 0.00	47.65 -0.43 0.00	52.09 -0.74 0.00	55.57 -0.90 0.00	61.41 -1.96 0.00	69.60 -0.99 0.00	86.72 -1.59 0.00	104.43 -3.23 0.00	88.61 -2.27 0.00	70.23 -1.07 0.00	61.02 -2.68 0.00	53.12 -1.81 0.00	43.36 -1.20 0.00	38.22 -0.39 0.00
OXY_CHEM_DSASP 323612	31.45 -0.64 0.00	29.06 -1.09 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.22 0.00	27.78 -1.16 0.00	29.11 -1.15 0.00	32.06 -1.79 0.00	33.87 -2.05 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.69 -1.39 0.00	51.03 -1.80 0.00	54.44 -2.03 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.13 -2.80 0.00	42.56 -2.01 0.00	37.49 -1.12 0.00
OZONE_PARK_ESR 323760	35.11 3.02 0.00	32.89 2.74 0.00	32.47 2.46 0.00	30.95 2.32 0.00	30.53 2.26 0.00	31.22 2.29 0.00	32.99 2.72 0.00	37.24 3.39 0.00	39.58 3.66 0.00	44.43 4.04 0.00	49.85 4.24 0.00	52.61 4.52 0.00	57.79 4.97 0.00	62.23 5.76 0.00	69.90 6.53 0.00	77.93 7.34 0.00	104.44 10.07 -6.06	125.00 11.63 -5.72	100.69 9.45 -0.36	78.22 6.92 0.00	69.68 5.99 0.00	60.21 5.27 0.00	48.98 4.41 0.00	42.08 3.47 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.45 -0.64 0.00	29.06 -1.09 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.22 0.00	27.78 -1.16 0.00	29.11 -1.15 0.00	32.06 -1.79 0.00	33.87 -2.05 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.69 -1.39 0.00	51.03 -1.80 0.00	54.44 -2.03 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.13 -2.80 0.00	42.56 -2.01 0.00	37.49 -1.12 0.00
PACKARD___115KV_DUPONT_184 80571	31.45 -0.64 0.00	29.06 -1.09 0.00	28.81 -1.20 0.00	27.37 -1.26 0.00	27.05 -1.22 0.00	27.78 -1.16 0.00	29.11 -1.15 0.00	32.06 -1.79 0.00	33.87 -2.05 0.00	38.57 -1.82 0.00	44.33 -1.28 0.00	46.69 -1.39 0.00	51.03 -1.80 0.00	54.44 -2.03 0.00	60.08 -3.30 0.00	68.19 -2.40 0.00	84.95 -3.36 0.00	102.28 -5.38 0.00	86.88 -4.00 0.00	68.80 -2.50 0.00	59.87 -3.82 0.00	52.13 -2.80 0.00	42.56 -2.01 0.00	37.49 -1.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.99 2.89 -0.01	32.74 2.59 -0.01	32.36 2.34 -0.01	30.83 2.20 0.00	30.42 2.15 0.00	30.90 1.97 0.00	32.59 2.33 0.00	36.76 2.91 0.00	39.07 3.16 0.01	43.78 3.39 0.00	49.03 3.42 0.00	51.65 3.56 0.00	56.63 3.80 0.00	61.04 4.57 0.00	68.38 5.01 0.00	76.17 5.58 0.00	102.49 8.12 -6.06	122.64 9.26 -5.72	98.69 7.45 -0.36	76.43 5.13 0.00	68.08 4.39 0.01	58.89 3.96 0.00	48.36 3.79 0.00	41.86 3.24 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.41 3.31 -0.01	33.14 2.98 -0.01	32.75 2.73 -0.01	31.20 2.58 0.00	30.78 2.52 0.00	31.25 2.31 0.00	32.93 2.66 0.00	37.14 3.28 0.00	39.47 3.56 0.01	44.23 3.84 0.00	49.53 3.92 0.00	52.17 4.09 0.00	57.21 4.38 0.00	61.61 5.14 0.00	69.27 5.89 0.00	77.16 6.57 0.00	103.73 9.36 -6.06	124.04 10.66 -5.72	99.87 8.63 -0.36	77.43 6.13 0.00	68.91 5.22 0.01	59.66 4.72 0.00	49.02 4.46 0.00	42.40 3.78 -0.01
PATROON___115KV_TB1 80586	33.18 1.09 0.00	31.20 1.06 0.00	31.00 0.99 0.00	29.57 0.94 0.00	29.20 0.93 0.00	29.83 0.90 0.00	31.17 0.91 0.00	34.87 1.02 0.00	37.00 1.08 0.00	41.52 1.13 0.00	46.79 1.19 0.00	49.24 1.15 0.00	54.20 1.37 0.00	58.05 1.58 0.00	65.53 2.15 0.00	72.99 2.40 0.00	92.22 2.83 -1.08	111.96 3.66 -0.64	94.06 3.18 0.00	73.65 2.35 0.00	65.99 2.29 0.00	56.80 1.87 0.00	45.86 1.29 0.00	39.80 1.20 0.00
PATTRSNVILLE___SOLAR 323815	33.79 1.70 0.00	31.77 1.63 0.00	31.57 1.56 0.00	30.12 1.49 0.00	29.74 1.47 0.00	30.44 1.50 0.00	31.84 1.57 0.00	35.51 1.66 0.00	37.61 1.69 0.00	42.25 1.86 0.00	47.61 2.00 0.00	50.25 2.17 0.00	55.26 2.43 0.00	59.01 2.54 0.00	66.54 3.17 0.00	74.19 3.60 0.00	93.56 4.33 -0.92	118.16 5.70 -4.80	96.96 5.36 -0.72	75.58 4.28 0.00	67.71 4.02 0.00	58.23 3.30 0.00	47.02 2.45 0.00	40.69 2.08 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.77 0.67 0.00	30.27 0.12 0.00	29.98 -0.03 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.90 -0.03 0.00	30.32 0.06 0.00	33.61 -0.24 0.00	35.63 -0.29 0.00	40.51 0.12 0.00	46.66 1.05 0.00	49.24 1.15 0.00	53.94 1.11 0.00	57.60 1.13 0.00	63.69 0.32 0.00	72.15 1.55 0.00	89.90 1.59 0.00	107.88 0.22 0.00	91.70 0.82 0.00	72.44 1.14 0.00	62.93 -0.76 0.00	54.77 -0.16 0.00	44.61 0.04 0.00	39.26 0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.66 2.57 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.30 2.04 0.00	31.02 2.08 0.00	32.65 2.39 0.00	36.76 2.91 0.00	39.08 3.16 0.00	43.91 3.51 0.00	49.44 3.83 0.00	52.32 4.23 0.00	57.42 4.60 0.00	62.34 5.87 0.00	70.16 6.78 0.00	78.08 7.48 0.00	100.66 10.16 -2.20	122.94 12.06 -3.22	101.11 9.91 -0.32	78.64 7.34 0.00	70.00 6.31 0.00	60.26 5.33 0.00	48.89 4.32 0.00	41.73 3.13 0.00
PEEKSKILL___ 23653	34.34 2.25 0.00	32.20 2.05 0.00	31.87 1.86 0.00	30.40 1.78 0.00	29.99 1.72 0.00	30.76 1.82 0.00	32.29 2.03 0.00	36.39 2.54 0.00	38.51 2.59 0.00	43.30 2.91 0.00	48.66 3.06 0.00	51.40 3.32 0.00	56.47 3.64 0.00	60.93 4.46 0.00	68.51 5.13 0.00	76.24 5.65 0.00	102.97 7.68 -6.98	122.91 9.04 -6.21	98.59 7.36 -0.35	76.65 5.35 0.00	68.34 4.65 0.00	59.00 4.07 0.00	47.95 3.39 0.00	41.15 2.55 0.00
PGE MADISON___WINDPWR 24146	35.83 3.27 -0.47	33.39 2.92 -0.33	33.05 2.73 -0.31	31.39 2.55 -0.21	31.00 2.55 -0.19	31.89 2.72 -0.23	33.65 3.06 -0.33	37.55 3.11 -0.59	39.99 3.34 -0.73	45.20 3.80 -1.01	51.46 4.52 -1.34	54.64 5.05 -1.51	60.31 5.86 -1.62	63.28 5.08 -1.72	71.07 5.58 -2.11	79.48 6.36 -2.53	99.08 8.12 -2.65	121.69 10.66 -3.37	103.81 9.45 -3.48	81.54 7.70 -2.53	72.30 6.75 -1.86	62.03 5.55 -1.55	50.02 4.46 -1.00	43.74 4.40 -0.73

PIERCEFIELD___HYD 23852	30.48 -1.83 -0.21	28.67 -1.63 -0.15	28.62 -1.53 -0.14	27.26 -1.46 -0.10	26.91 -1.44 -0.09	27.62 -1.42 -0.11	29.14 -1.27 -0.15	32.59 -1.52 -0.27	34.64 -1.62 -0.33	39.03 -1.82 -0.46	44.21 -2.01 -0.61	46.47 -2.31 -0.69	50.87 -2.69 -0.74	53.92 -3.33 -0.78	60.28 -4.06 -0.96	67.02 -4.73 -1.15	83.39 -6.27 -1.35	101.96 -7.32 -1.62	86.38 -6.09 -1.58	67.96 -4.49 -1.15	60.72 -3.82 -0.85	52.18 -3.46 -0.71	42.48 -2.54 -0.45	37.01 -1.93 -0.33
PINELAWN_CC_1 323563	39.24 3.21 -3.94	38.41 2.96 -5.31	37.24 2.73 -4.50	37.16 2.58 -5.95	37.21 2.55 -6.40	37.22 2.66 -5.63	37.70 2.93 -4.51	37.98 3.59 -0.54	39.30 3.38 0.00	43.42 3.03 0.00	51.61 3.33 -2.67	57.75 3.94 -5.72	63.08 4.38 -5.87	68.41 5.31 -6.64	81.93 6.02 -12.53	88.07 6.63 -10.84	115.30 8.83 -18.16	133.39 10.76 -14.97	113.82 8.73 -14.21	85.29 6.70 -7.29	78.92 5.86 -9.37	68.66 5.05 -8.68	48.41 3.83 -0.01	41.74 3.13 -0.01
PJM_GEN_HTTP_PROXY 323702	34.69 2.60 0.00	32.50 2.35 0.00	32.11 2.10 0.00	30.63 2.00 0.00	30.19 1.92 0.00	30.99 2.05 0.00	32.63 2.36 0.00	36.83 2.98 0.00	38.97 3.05 0.00	43.87 3.47 0.00	49.21 3.60 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.49 5.02 0.00	69.08 5.71 0.00	76.95 6.36 0.00	103.12 8.74 -6.06	123.50 10.12 -5.72	99.32 8.09 -0.36	77.15 5.85 0.00	68.72 5.03 0.00	59.38 4.45 0.00	48.31 3.74 0.00	41.50 2.90 0.00
PJM_GEN_KEystone 24065	33.21 1.12 0.00	30.99 0.84 0.00	30.67 0.66 0.00	29.20 0.57 0.00	28.86 0.59 0.00	29.66 0.72 0.00	31.08 0.82 0.00	34.77 0.91 0.00	36.98 1.18 0.13	41.07 1.13 0.45	46.48 1.50 0.63	48.90 1.64 0.82	53.34 1.69 1.17	57.03 1.98 1.42	63.78 1.97 1.56	71.65 2.61 1.55	86.12 3.44 5.63	107.86 3.34 3.14	92.42 2.91 1.37	71.96 2.21 1.56	63.42 1.27 1.55	55.42 1.43 0.94	45.30 1.34 0.60	39.47 1.16 0.30
PJM_GEN_NEPTUNE_PROXY 323594	36.90 2.70 -2.12	35.50 2.50 -2.85	34.74 2.31 -2.42	34.00 2.17 -3.20	33.83 2.12 -3.44	34.19 2.23 -3.03	35.17 2.48 -2.42	37.22 3.08 -0.29	38.80 2.87 0.00	43.38 2.99 0.00	48.98 3.37 0.00	52.03 3.94 0.00	57.16 4.33 0.00	61.72 5.25 0.00	70.10 5.96 -0.77	77.02 6.42 0.00	102.99 8.56 -6.11	123.64 10.23 -5.75	99.51 8.27 -0.36	77.50 6.20 0.00	71.83 5.48 -2.66	61.77 4.84 -1.99	48.40 3.83 0.00	41.58 2.97 0.00
PJM_GEN_VFT_PROXY 323633	34.56 2.47 0.00	32.38 2.23 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.05 1.78 0.00	30.84 1.91 0.00	32.50 2.24 0.00	36.66 2.81 0.00	36.98 2.87 1.81	37.28 3.27 6.39	39.98 3.33 8.96	39.93 3.56 11.72	39.93 3.85 16.76	40.83 4.63 20.27	46.29 5.20 22.28	54.21 5.79 22.18	80.33 8.04 16.01	96.97 9.26 19.95	76.45 7.36 21.79	54.33 5.28 22.24	46.12 4.59 22.17	45.62 4.12 13.44	39.43 3.48 8.62	37.09 2.70 4.22
PLATSBURG_115KV_PMLD1 355749	31.61 -0.48 0.00	29.72 -0.42 0.00	29.62 -0.39 0.00	28.26 -0.37 0.00	27.87 -0.40 0.00	28.59 -0.35 0.00	30.08 -0.18 0.00	33.61 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.61 0.00 0.00	46.84 -1.25 0.00	50.34 -2.48 0.00	53.48 -2.99 0.00	59.63 -3.74 0.00	66.15 -4.45 0.00	82.66 -5.65 0.00	100.77 -6.89 0.00	85.16 -5.73 0.00	67.24 -4.06 0.00	60.25 -3.44 0.00	52.08 -2.86 0.00	43.27 -1.29 0.00	38.07 -0.54 0.00
PLEASANTVLY___LBMP 24000	34.08 1.99 0.00	31.98 1.84 0.00	31.72 1.71 0.00	30.26 1.63 0.00	29.85 1.58 0.00	30.53 1.59 0.00	32.05 1.79 0.00	36.05 2.20 0.00	38.22 2.30 0.00	42.85 2.46 0.00	48.16 2.55 0.00	50.88 2.79 0.00	55.94 3.12 0.00	60.25 3.78 0.00	67.81 4.44 0.00	75.46 4.87 0.00	97.68 6.53 -2.84	119.57 7.75 -4.16	97.57 6.27 -0.42	75.86 4.56 0.00	67.71 4.01 0.00	58.45 3.52 0.00	47.42 2.85 0.00	40.81 2.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.47 2.37 0.00	32.31 2.17 0.00	31.99 1.98 0.00	30.52 1.89 0.00	30.10 1.84 0.00	30.81 1.88 0.00	32.41 2.15 0.00	36.53 2.67 0.00	38.79 2.87 0.00	43.50 3.11 0.00	48.94 3.33 0.00	51.69 3.61 0.00	56.79 3.96 0.00	61.27 4.80 0.00	68.95 5.58 0.00	76.73 6.14 0.00	101.32 8.30 -4.71	122.40 9.80 -4.94	99.15 7.91 -0.36	77.08 5.78 0.00	68.73 5.03 0.00	59.27 4.34 0.00	48.09 3.52 0.00	41.31 2.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.47 2.37 0.00	32.31 2.17 0.00	31.99 1.98 0.00	30.52 1.89 0.00	30.10 1.84 0.00	30.81 1.88 0.00	32.41 2.15 0.00	36.53 2.67 0.00	38.79 2.87 0.00	43.50 3.11 0.00	48.94 3.33 0.00	51.69 3.61 0.00	56.79 3.96 0.00	61.27 4.80 0.00	68.95 5.58 0.00	76.73 6.14 0.00	101.32 8.30 -4.71	122.40 9.80 -4.94	99.15 7.91 -0.36	77.08 5.78 0.00	68.73 5.03 0.00	59.27 4.34 0.00	48.09 3.52 0.00	41.31 2.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.37 2.28 0.00	32.28 2.14 0.00	31.99 1.98 0.00	30.52 1.89 0.00	30.10 1.84 0.00	30.79 1.85 0.00	32.32 2.06 0.00	36.12 2.27 0.00	38.36 2.44 0.00	42.98 2.59 0.00	48.44 2.83 0.00	51.12 3.03 0.00	56.42 3.59 0.00	60.65 4.18 0.00	68.25 4.88 0.00	76.03 5.44 0.00	96.82 7.33 -1.18	119.05 8.72 -2.67	98.39 7.18 -0.33	76.65 5.35 0.00	68.28 4.59 0.00	58.89 3.96 0.00	47.82 3.25 0.00	41.16 2.55 0.00
POLETTI_____ 23519	34.66 2.57 0.00	32.50 2.35 0.00	32.11 2.10 0.00	30.60 1.98 0.00	30.19 1.92 0.00	30.87 1.94 0.00	32.59 2.33 0.00	36.76 2.91 0.00	39.08 3.16 0.00	43.86 3.47 0.00	49.17 3.56 0.00	51.89 3.80 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.73 6.14 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.00 5.70 0.00	68.60 4.90 0.00	59.27 4.34 0.00	48.27 3.70 0.00	41.50 2.90 0.00
POMONA___ESR 323819	34.28 2.18 0.00	32.16 2.02 0.00	31.81 1.80 0.00	30.37 1.75 0.00	29.96 1.70 0.00	30.73 1.79 0.00	32.23 1.97 0.00	36.22 2.37 0.00	38.29 2.37 0.00	43.10 2.71 0.00	48.39 2.78 0.00	51.12 3.03 0.00	56.21 3.38 0.00	60.54 4.07 0.00	68.06 4.69 0.00	75.74 5.15 0.00	84.89 6.97 10.40	111.57 8.18 4.27	97.83 6.63 -0.32	76.08 4.78 0.00	67.83 4.14 0.00	58.62 3.68 0.00	47.64 3.07 0.00	41.00 2.39 0.00
PORT_JEFF_3 23555	39.25 3.21 -3.95	38.46 3.01 -5.31	37.30 2.79 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.77 3.00 -4.51	38.05 3.66 -0.54	39.31 3.38 -0.01	43.54 3.15 0.00	54.69 3.69 -5.39	139.82 4.28 -87.45	147.13 4.65 -89.65	163.37 5.48 -101.43	240.59 6.21 -171.00	243.02 6.78 -165.64	287.45 8.92 -190.22	265.05 10.76 -146.63	311.71 8.81 -212.01	189.57 6.91 -111.35	142.34 6.18 -72.47	139.82 5.33 -79.56	48.63 4.06 0.00	41.74 3.13 0.00
PORT_JEFF_4 23616	39.25 3.21 -3.95	38.46 3.01 -5.31	37.30 2.79 -4.50	37.19 2.60 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.77 3.00 -4.51	38.05 3.66 -0.54	39.31 3.38 -0.01	43.54 3.15 0.00	54.69 3.69 -5.39	139.82 4.28 -87.45	147.13 4.65 -89.65	163.37 5.48 -101.43	240.59 6.21 -171.00	243.02 6.78 -165.64	287.45 8.92 -190.22	265.05 10.76 -146.63	311.71 8.81 -212.01	189.57 6.91 -111.35	142.34 6.18 -72.47	139.82 5.33 -79.56	48.63 4.06 0.00	41.74 3.13 0.00

PORT_JEFF_IC 23713	39.35 3.31 -3.95	38.56 3.10 -5.31	37.36 2.85 -4.50	37.24 2.66 -5.95	37.32 2.66 -6.40	37.28 2.72 -5.63	37.83 3.06 -4.51	38.08 3.69 -0.54	39.74 3.81 -0.01	43.66 3.27 0.00	54.43 3.83 -4.99	153.25 4.33 -100.83	160.95 4.75 -103.36	179.06 5.65 -116.94	266.71 6.40 -196.93	268.56 6.99 -190.98	316.22 9.54 -218.38	287.03 11.20 -168.17	344.35 9.09 -244.38	206.81 7.13 -128.38	152.80 6.31 -82.80	151.48 5.38 -91.16	48.58 4.01 0.00	41.97 3.36 0.00
PPL PILGRIM_ST_GT1 24216	39.43 3.40 -3.94	38.61 3.16 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.43 2.87 -5.63	37.92 3.15 -4.51	38.22 3.82 -0.54	39.44 3.52 0.00	43.90 3.51 0.00	68.03 4.24 -18.18	70.74 4.66 -18.00	76.45 5.18 -18.45	83.27 5.93 -20.87	106.42 6.71 -36.33	112.02 7.34 -34.08	142.02 9.71 -44.00	154.24 11.84 -34.73	144.52 9.73 -43.91	101.85 7.63 -22.91	89.22 6.69 -18.84	79.97 5.71 -19.32	49.24 4.63 -0.03	42.35 3.71 -0.03
PPL PILGRIM_ST_GT2 24217	39.43 3.40 -3.94	38.61 3.16 -5.31	37.45 2.94 -4.50	37.36 2.78 -5.95	37.40 2.74 -6.40	37.43 2.87 -5.63	37.92 3.15 -4.51	38.22 3.82 -0.54	39.44 3.52 0.00	43.90 3.51 0.00	68.03 4.24 -18.18	70.74 4.66 -18.00	76.45 5.18 -18.45	83.27 5.93 -20.87	106.42 6.71 -36.33	112.02 7.34 -34.08	142.02 9.71 -44.00	154.24 11.84 -34.73	144.52 9.73 -43.91	101.85 7.63 -22.91	89.22 6.69 -18.84	79.97 5.71 -19.32	49.24 4.63 -0.03	42.35 3.71 -0.03
PPL_SHRM_GT3 24213	39.41 3.37 -3.95	38.53 3.08 -5.31	37.30 2.79 -4.50	37.21 2.63 -5.95	37.26 2.60 -6.40	37.31 2.75 -5.63	37.80 3.03 -4.51	38.08 3.69 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.30 4.29 -5.40	142.45 5.05 -89.31	149.98 5.60 -91.56	166.66 6.60 -103.59	245.39 7.41 -174.61	247.74 7.97 -169.17	293.04 10.59 -194.14	270.20 12.91 -149.62	317.93 10.54 -216.51	193.36 8.34 -113.72	144.86 7.26 -73.91	142.26 6.15 -81.17	49.12 4.55 0.00	42.20 3.59 0.00
PPL_SHRM_GT4 24214	39.41 3.37 -3.95	38.53 3.08 -5.31	37.30 2.79 -4.50	37.21 2.63 -5.95	37.26 2.60 -6.40	37.31 2.75 -5.63	37.80 3.03 -4.51	38.08 3.69 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.30 4.29 -5.40	142.45 5.05 -89.31	149.98 5.60 -91.56	166.66 6.60 -103.59	245.39 7.41 -174.61	247.74 7.97 -169.17	293.04 10.59 -194.14	270.20 12.91 -149.62	317.93 10.54 -216.51	193.36 8.34 -113.72	144.86 7.26 -73.91	142.26 6.15 -81.17	49.12 4.55 0.00	42.20 3.59 0.00
PROJECT___ORANGE 1 24174	32.78 0.06 -0.63	30.52 -0.06 -0.44	30.31 -0.12 -0.42	28.77 -0.14 -0.28	28.38 -0.14 -0.25	29.16 -0.09 -0.31	30.64 -0.06 -0.44	34.57 -0.07 -0.78	36.86 -0.04 -0.97	41.82 0.08 -1.35	47.62 0.23 -1.79	50.49 0.38 -2.02	55.47 0.48 -2.17	59.17 0.40 -2.31	66.58 0.38 -2.83	74.55 0.56 -3.39	92.88 0.62 -3.96	112.96 0.54 -4.76	95.99 0.45 -4.66	75.12 0.43 -3.39	66.44 0.25 -2.49	57.23 0.22 -2.07	46.08 0.18 -1.33	39.66 0.08 -0.98
PROJECT___ORANGE 2 24166	32.78 0.06 -0.63	30.52 -0.06 -0.44	30.31 -0.12 -0.42	28.77 -0.14 -0.28	28.38 -0.14 -0.25	29.16 -0.09 -0.31	30.64 -0.06 -0.44	34.57 -0.07 -0.78	36.86 -0.04 -0.97	41.82 0.08 -1.35	47.62 0.23 -1.79	50.49 0.38 -2.02	55.47 0.48 -2.17	59.17 0.40 -2.31	66.58 0.38 -2.83	74.55 0.56 -3.39	92.88 0.62 -3.96	112.96 0.54 -4.76	95.99 0.45 -4.66	75.12 0.43 -3.39	66.44 0.25 -2.49	57.23 0.22 -2.07	46.08 0.18 -1.33	39.66 0.08 -0.98
PUCKETT___SOLAR 323809	33.84 1.32 -0.43	31.56 1.12 -0.30	31.32 1.02 -0.29	29.77 0.94 -0.20	29.37 0.93 -0.17	30.19 1.04 -0.22	31.72 1.15 -0.31	35.58 1.18 -0.54	37.96 1.36 -0.67	42.82 1.50 -0.94	48.62 1.78 -1.24	51.46 1.97 -1.40	56.55 2.22 -1.50	60.16 2.09 -1.60	67.55 2.22 -1.96	75.62 2.68 -2.35	94.15 3.44 -2.40	115.07 4.31 -3.10	98.10 3.99 -3.22	76.93 3.28 -2.35	68.22 2.80 -1.72	58.79 2.41 -1.44	47.50 2.01 -0.92	41.06 1.78 -0.68
PYRITES___HYD 24023	31.04 -1.25 -0.20	29.23 -1.06 -0.14	29.18 -0.96 -0.13	27.83 -0.89 -0.09	27.50 -0.85 -0.08	28.22 -0.81 -0.10	29.80 -0.61 -0.14	33.22 -0.88 -0.24	35.25 -0.97 -0.30	39.76 -1.05 -0.42	44.98 -1.19 -0.56	47.32 -1.39 -0.63	51.92 -1.58 -0.68	54.87 -2.32 -0.72	61.34 -2.92 -0.88	68.19 -3.46 -1.06	84.87 -4.68 -1.24	103.87 -5.28 -1.49	87.97 -4.36 -1.46	69.37 -2.99 -1.06	61.92 -2.55 -0.78	53.17 -2.42 -0.65	43.16 -1.83 -0.42	37.72 -1.20 -0.31
QUAKERRD_115KV_BK1 80622	31.71 -0.39 0.00	29.51 -0.63 0.00	29.26 -0.75 0.00	27.83 -0.80 0.00	27.53 -0.73 0.00	28.24 -0.69 0.00	29.60 -0.67 0.00	33.01 -0.85 0.00	35.02 -0.90 0.00	39.66 -0.73 0.00	45.24 -0.36 0.00	47.80 -0.29 0.00	52.46 -0.37 0.00	56.02 -0.45 0.00	62.36 -1.01 0.00	70.17 -0.42 0.00	87.60 -0.71 0.00	106.48 -1.18 0.00	89.97 -0.91 0.00	70.94 -0.36 0.00	62.55 -1.15 0.00	54.11 -0.82 0.00	43.99 -0.58 0.00	38.14 -0.46 0.00
QUENSBRY_115KV_TB8 356137	34.40 2.31 0.00	32.28 2.14 0.00	32.05 2.04 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.81 1.88 0.00	32.29 2.03 0.00	36.02 2.17 0.00	38.36 2.44 0.00	43.18 2.79 0.00	48.34 2.74 0.00	51.02 2.93 0.00	56.21 3.38 0.00	59.52 3.05 0.00	67.56 4.18 0.00	75.46 4.87 0.00	94.98 5.65 -1.02	124.01 7.54 -8.81	99.90 7.63 -1.39	77.65 6.35 0.00	69.81 6.11 0.00	59.77 4.83 0.00	47.87 3.30 0.00	41.46 2.86 0.00
RAMAPO___LBMP 323565	34.11 2.02 0.00	32.01 1.87 0.00	31.69 1.68 0.00	30.23 1.60 0.00	29.85 1.58 0.00	30.53 1.59 0.00	32.11 1.85 0.00	36.09 2.23 0.00	38.29 2.37 0.00	42.98 2.59 0.00	48.30 2.69 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.31 3.84 0.00	67.81 4.44 0.00	75.53 4.94 0.00	85.59 6.71 9.43	111.80 7.86 3.72	97.47 6.27 -0.32	75.86 4.56 0.00	67.64 3.95 0.00	58.40 3.46 0.00	47.46 2.90 0.00	40.89 2.28 0.00
RANKINE____ 23646	32.73 0.64 0.00	30.23 0.09 0.00	29.95 -0.06 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.88 -0.06 0.00	30.29 0.03 0.00	33.51 -0.34 0.00	35.49 -0.43 0.00	40.39 0.00 0.00	46.47 0.87 0.00	49.05 0.96 0.00	53.67 0.85 0.00	57.32 0.85 0.00	63.37 0.00 0.00	71.79 1.20 0.00	89.46 1.15 0.00	107.45 -0.22 0.00	91.34 0.45 0.00	72.23 0.93 0.00	62.80 -0.89 0.00	54.66 -0.27 0.00	44.57 0.00 0.00	39.19 0.58 0.00
RAVENSWOOD_GT2_1 24244	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.12 3.20 0.00	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.73 6.14 0.00	102.94 8.57 -6.06	123.17 9.80 -5.72	99.15 7.91 -0.36	77.00 5.70 0.00	68.66 4.97 0.00	59.33 4.39 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT2_2 24245	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.12 3.20 0.00	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.73 6.14 0.00	102.94 8.57 -6.06	123.17 9.80 -5.72	99.15 7.91 -0.36	77.00 5.70 0.00	68.66 4.97 0.00	59.33 4.39 0.00	48.36 3.79 0.00	41.62 3.01 0.00

RAVENSWOOD_GT2_3 24246	34.76 2.66 0.00	32.56 2.41 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.27 2.01 0.00	30.96 2.03 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.15 3.23 0.00	43.95 3.55 0.00	49.26 3.65 0.00	51.98 3.90 0.00	57.05 4.23 0.00	61.44 4.97 0.00	69.01 5.64 0.00	76.81 6.21 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.73 5.03 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT2_4 24247	34.76 2.66 0.00	32.56 2.41 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.27 2.01 0.00	30.96 2.03 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.15 3.23 0.00	43.95 3.55 0.00	49.26 3.65 0.00	51.98 3.90 0.00	57.05 4.23 0.00	61.44 4.97 0.00	69.01 5.64 0.00	76.81 6.21 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.73 5.03 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT3_1 24248	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.12 3.20 0.00	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.00 5.70 0.00	68.66 4.97 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT3_2 24249	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.12 3.20 0.00	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.00 5.70 0.00	68.66 4.97 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT3_3 24250	34.79 2.70 0.00	32.59 2.44 0.00	32.23 2.22 0.00	30.72 2.09 0.00	30.30 2.04 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	43.99 3.59 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.16 4.33 0.00	61.55 5.08 0.00	69.08 5.70 0.00	76.95 6.35 0.00	103.20 8.83 -6.06	123.50 10.12 -5.72	99.42 8.18 -0.36	77.22 5.92 0.00	68.79 5.10 0.00	59.49 4.56 0.00	48.44 3.88 0.00	41.70 3.09 0.00
RAVENSWOOD_GT3_4 24251	34.79 2.70 0.00	32.59 2.44 0.00	32.23 2.22 0.00	30.72 2.09 0.00	30.30 2.04 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.23 3.30 0.00	43.99 3.59 0.00	49.35 3.74 0.00	52.08 3.99 0.00	57.16 4.33 0.00	61.55 5.08 0.00	69.08 5.70 0.00	76.95 6.35 0.00	103.20 8.83 -6.06	123.50 10.12 -5.72	99.42 8.18 -0.36	77.22 5.92 0.00	68.79 5.10 0.00	59.49 4.56 0.00	48.44 3.88 0.00	41.70 3.09 0.00
RAVENSWOOD_GT_1 23729	34.88 2.79 0.00	32.68 2.53 0.00	32.29 2.28 0.00	30.77 2.15 0.00	30.36 2.09 0.00	30.99 2.05 0.00	32.75 2.48 0.00	36.97 3.11 0.00	41.04 3.38 -1.75	44.07 3.68 -0.01	49.36 3.74 -0.01	51.98 3.90 0.00	57.00 4.17 0.00	61.39 4.91 -0.01	68.82 5.45 0.00	76.66 6.07 0.00	102.94 8.57 -6.06	123.17 9.80 -5.72	99.05 7.82 -0.36	76.86 5.56 0.00	68.47 4.78 0.01	59.23 4.28 -0.01	48.45 3.88 -0.01	42.93 3.20 -1.12
RAVENSWOOD_GT_10 24258	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.03 3.20 0.09	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.08 5.78 0.00	68.66 4.97 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT_11 24259	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.03 3.20 0.09	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.08 5.78 0.00	68.66 4.97 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT_4 24252	34.69 2.60 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.12 3.20 -0.01	43.91 3.51 -0.01	49.22 3.60 -0.01	51.93 3.85 0.00	57.05 4.23 0.00	61.44 4.97 -0.01	69.01 5.64 0.00	76.88 6.28 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.72 5.03 0.00	59.45 4.50 -0.01	48.36 3.79 -0.01	42.42 2.97 -0.84
RAVENSWOOD_GT_5 24254	34.69 2.60 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.12 3.20 -0.01	43.91 3.51 -0.01	49.22 3.60 -0.01	51.93 3.85 0.00	57.05 4.23 0.00	61.44 4.97 -0.01	69.01 5.64 0.00	76.88 6.28 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.72 5.03 0.00	59.45 4.50 -0.01	48.36 3.79 -0.01	42.42 2.97 -0.84
RAVENSWOOD_GT_6 24253	34.69 2.60 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.12 3.20 -0.01	43.91 3.51 -0.01	49.22 3.60 -0.01	51.93 3.85 0.00	57.05 4.23 0.00	61.44 4.97 -0.01	69.01 5.64 0.00	76.88 6.28 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.72 5.03 0.00	59.45 4.50 -0.01	48.36 3.79 -0.01	42.42 2.97 -0.84
RAVENSWOOD_GT_7 24255	34.69 2.60 0.00	32.53 2.38 0.00	32.14 2.13 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.80 2.95 0.00	39.12 3.20 -0.01	43.91 3.51 -0.01	49.22 3.60 -0.01	51.93 3.85 0.00	57.05 4.23 0.00	61.44 4.97 -0.01	69.01 5.64 0.00	76.88 6.28 0.00	103.02 8.65 -6.06	123.28 9.90 -5.72	99.24 8.00 -0.36	77.08 5.78 0.00	68.72 5.03 0.00	59.45 4.50 -0.01	48.36 3.79 -0.01	42.42 2.97 -0.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.03 3.20 0.09	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.08 5.78 0.00	68.66 4.97 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00
RAVENSWOOD_GT_9 24257	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.93 2.00 0.00	32.65 2.39 0.00	36.83 2.98 0.00	39.03 3.20 0.09	43.91 3.51 0.00	49.21 3.60 0.00	51.93 3.85 0.00	57.05 4.23 0.00	61.38 4.91 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.94 8.57 -6.06	123.28 9.90 -5.72	99.15 7.91 -0.36	77.08 5.78 0.00	68.66 4.97 0.00	59.38 4.45 0.00	48.36 3.79 0.00	41.62 3.01 0.00

RAVENSWOOD___1 23533	34.88 2.79 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	31.04 2.11 0.00	32.71 2.45 0.00	36.96 3.11 0.00	40.02 3.23 -0.86	44.07 3.68 0.00	49.30 3.69 0.00	51.98 3.89 0.00	57.00 4.17 0.00	61.38 4.91 0.00	68.76 5.38 0.00	76.59 6.00 0.00	102.85 8.48 -6.06	123.17 9.80 -5.72	99.06 7.82 -0.36	76.79 5.49 0.00	68.40 4.71 0.01	59.27 4.34 0.00	48.49 3.92 0.00	41.78 3.17 -0.01
RAVENSWOOD___2 23534	34.85 2.76 0.00	32.65 2.50 0.00	32.26 2.25 0.00	30.75 2.12 0.00	30.33 2.06 0.00	31.02 2.08 0.00	32.71 2.45 0.00	36.96 3.11 0.00	40.02 3.23 -0.86	44.03 3.64 0.00	49.30 3.69 0.00	51.98 3.89 0.00	56.95 4.12 0.00	61.38 4.91 0.00	68.76 5.38 0.00	76.59 6.00 0.00	102.85 8.48 -6.06	123.07 9.69 -5.72	98.96 7.72 -0.36	76.79 5.49 0.00	68.40 4.71 0.01	59.22 4.29 0.00	48.44 3.88 0.00	41.78 3.17 -0.01
RAVENSWOOD___3 23535	34.72 2.63 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.24 1.98 0.00	31.02 2.08 0.00	32.65 2.39 0.00	36.86 3.01 0.00	39.01 3.09 0.00	43.90 3.51 0.00	49.21 3.60 0.00	51.98 3.89 0.00	57.06 4.23 0.00	61.44 4.97 0.00	68.95 5.58 0.00	76.81 6.21 0.00	102.93 8.56 -6.06	123.28 9.90 -5.72	99.14 7.90 -0.36	77.01 5.71 0.00	68.67 4.97 0.00	59.38 4.45 0.00	48.40 3.83 0.00	41.62 3.01 0.00
RAVENSWOOD___4 23820	34.85 2.76 0.00	32.62 2.47 0.00	32.26 2.25 0.00	30.72 2.09 0.00	30.30 2.04 0.00	31.02 2.08 0.00	32.69 2.42 0.00	36.93 3.08 0.00	39.15 3.23 0.01	44.02 3.64 0.01	49.25 3.65 0.01	51.98 3.89 0.00	56.95 4.12 0.00	61.37 4.91 0.01	68.76 5.38 0.00	76.59 6.00 0.00	102.85 8.48 -6.06	123.07 9.69 -5.72	98.96 7.72 -0.36	76.79 5.49 0.00	68.40 4.71 0.01	59.21 4.29 0.01	48.43 3.88 0.01	40.69 3.17 1.09
RCPL_TRUST___DRP 24196	34.76 2.66 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.19 3.27 0.00	43.99 3.59 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.27 4.44 0.00	61.66 5.20 0.00	69.33 5.96 0.00	77.16 6.57 0.00	103.47 9.10 -6.06	123.82 10.44 -5.72	99.60 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.49 4.56 0.00	48.40 3.83 0.00	41.58 2.97 0.00
RED___ROCHESTER 323720	32.64 0.55 0.00	30.33 0.18 0.00	30.07 0.06 0.00	28.54 -0.09 0.00	28.27 0.00 0.00	29.02 0.09 0.00	30.39 0.12 0.00	33.85 0.00 0.00	36.53 0.61 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.24 1.15 0.00	54.04 1.22 0.00	57.54 1.07 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.62 0.00	92.42 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.28 0.71 0.00	39.30 0.70 0.00
REGAN___SOLAR 323812	36.58 4.49 0.00	34.33 4.19 0.00	34.06 4.05 0.00	32.35 3.72 0.00	32.00 3.73 0.00	32.87 3.93 0.00	34.59 4.33 0.00	38.45 4.60 0.00	41.02 5.10 0.00	45.88 5.49 0.00	52.08 6.47 0.00	54.68 6.59 0.00	60.38 7.55 0.00	63.47 7.00 0.00	71.99 8.62 0.00	80.55 9.96 0.00	100.82 11.75 -0.77	127.87 15.93 -4.28	106.62 15.09 -0.65	83.49 12.19 0.00	74.91 11.21 0.00	63.83 8.90 0.00	51.07 6.51 0.00	44.32 5.71 0.00
RENSSELAER___COGEN 23796	32.92 0.83 0.00	30.96 0.81 0.00	30.79 0.78 0.00	29.37 0.74 0.00	29.00 0.73 0.00	29.63 0.69 0.00	30.93 0.66 0.00	34.63 0.78 0.00	36.64 0.72 0.00	41.16 0.77 0.00	46.38 0.77 0.00	48.76 0.67 0.00	53.62 0.79 0.00	57.49 1.02 0.00	64.83 1.46 0.00	72.22 1.62 0.00	91.26 1.86 -1.10	74.66 2.58 35.58	86.93 2.18 6.13	72.87 1.57 0.00	65.35 1.65 0.00	56.25 1.32 0.00	45.50 0.94 0.00	39.46 0.85 0.00
REPUBLIC_115KV_BARTNBK 55605	36.71 4.62 0.00	34.39 4.25 0.00	34.09 4.08 0.00	32.35 3.72 0.00	31.94 3.67 0.00	32.72 3.79 0.00	34.29 4.03 0.00	38.12 4.27 0.00	40.73 4.81 0.00	45.88 5.49 0.00	51.54 5.93 0.00	54.34 6.25 0.00	59.96 7.13 0.00	63.13 6.66 0.00	72.12 8.75 0.00	80.69 10.09 0.00	101.17 11.83 -1.02	132.10 15.40 -9.04	107.12 14.81 -1.43	83.56 12.26 0.00	75.29 11.59 0.00	64.11 9.17 0.00	51.03 6.46 0.00	44.36 5.75 0.00
REVERE_CPPR_DRP 24186	33.86 1.44 -0.33	31.67 1.30 -0.23	31.46 1.23 -0.22	29.89 1.12 -0.15	29.53 1.13 -0.13	30.31 1.22 -0.16	31.89 1.39 -0.23	35.68 1.42 -0.41	37.86 1.44 -0.51	42.83 1.74 -0.70	48.68 2.14 -0.93	51.59 2.45 -1.05	56.92 2.96 -1.13	60.16 2.48 -1.20	67.57 2.73 -1.47	75.32 2.96 -1.77	94.17 3.80 -2.06	115.31 5.17 -2.48	97.85 4.54 -2.43	76.70 3.64 -1.77	68.18 3.18 -1.30	58.54 2.53 -1.08	47.22 1.96 -0.69	41.16 2.05 -0.51
REYNOLDS_115KV_TB3 80639	33.21 1.12 0.00	31.23 1.09 0.00	31.03 1.02 0.00	29.63 1.00 0.00	29.23 0.96 0.00	29.86 0.93 0.00	31.20 0.94 0.00	34.93 1.08 0.00	37.03 1.11 0.00	41.52 1.13 0.00	46.75 1.14 0.00	49.29 1.20 0.00	54.25 1.43 0.00	58.22 1.75 0.00	65.66 2.28 0.00	73.13 2.54 0.00	92.45 3.00 -1.14	138.47 3.98 -26.83	98.67 3.36 -4.43	73.80 2.50 0.00	66.11 2.42 0.00	56.91 1.98 0.00	45.95 1.38 0.00	39.80 1.20 0.00
RIVERBAY____ 323610	35.41 3.31 -0.01	33.14 2.98 -0.01	32.75 2.73 -0.01	31.20 2.58 0.00	30.78 2.52 0.00	31.25 2.31 0.00	32.93 2.66 0.00	37.14 3.28 0.00	39.47 3.56 0.01	44.23 3.84 0.00	49.53 3.92 0.00	52.17 4.09 0.00	57.21 4.38 0.00	61.61 5.14 0.00	69.27 5.89 0.00	77.16 6.57 0.00	103.73 9.36 -6.06	124.04 10.66 -5.72	99.87 8.63 -0.36	77.43 6.13 0.00	68.91 5.22 0.01	59.66 4.72 0.00	49.02 4.46 0.00	42.40 3.78 -0.01
RIVERSDE_115KV_TB3 55908	33.12 1.03 0.00	31.14 0.99 0.00	30.97 0.96 0.00	29.54 0.92 0.00	29.17 0.90 0.00	29.80 0.87 0.00	31.11 0.85 0.00	34.80 0.95 0.00	36.89 0.97 0.00	41.40 1.01 0.00	46.66 1.05 0.00	49.10 1.01 0.00	54.04 1.22 0.00	57.94 1.47 0.00	65.40 2.03 0.00	72.78 2.19 0.00	91.97 2.56 -1.10	113.40 3.45 -2.30	94.07 2.91 -0.28	73.44 2.14 0.00	65.80 2.10 0.00	56.69 1.76 0.00	45.77 1.20 0.00	39.69 1.08 0.00
ROARING___BROOK_WT_PWR 323790	31.77 -0.32 0.00	29.87 -0.27 0.00	29.77 -0.24 0.00	28.37 -0.26 0.00	28.01 -0.25 0.00	28.64 -0.29 0.00	29.93 -0.33 0.00	32.97 -0.88 0.00	35.02 -0.90 0.00	39.50 -0.89 0.00	44.65 -0.96 0.00	46.89 -1.20 0.00	51.29 -1.53 0.00	54.66 -1.81 0.00	57.19 -2.15 4.03	53.37 -2.40 14.83	57.77 -2.91 27.63	72.89 -3.23 31.54	74.35 -2.64 13.89	69.30 -2.00 0.00	61.91 -1.78 0.00	53.23 -1.70 0.00	43.23 -1.34 0.00	37.64 -0.96 0.00
ROCHESRG_115KV_T4 355643	32.25 0.16 0.00	29.99 -0.15 0.00	29.74 -0.27 0.00	28.26 -0.37 0.00	27.96 -0.31 0.00	28.67 -0.26 0.00	30.08 -0.18 0.00	33.45 -0.41 0.00	35.49 -0.43 0.00	40.19 -0.20 0.00	45.93 0.32 0.00	48.47 0.38 0.00	53.20 0.37 0.00	56.81 0.34 0.00	63.12 -0.25 0.00	71.09 0.49 0.00	88.75 0.44 0.00	107.66 0.00 0.00	91.06 0.18 0.00	71.87 0.57 0.00	63.25 -0.45 0.00	54.77 -0.16 0.00	44.57 0.00 0.00	38.76 0.15 0.00

ROCHESTER_9_IC 23652	32.44 0.35 0.00	30.17 0.03 0.00	29.92 -0.09 0.00	28.43 -0.20 0.00	28.10 -0.17 0.00	28.85 -0.09 0.00	30.26 0.00 0.00	33.68 -0.17 0.00	35.74 -0.18 0.00	40.47 0.08 0.00	46.29 0.68 0.00	48.86 0.77 0.00	53.62 0.79 0.00	57.26 0.79 0.00	63.63 0.25 0.00	71.72 1.13 0.00	89.46 1.15 0.00	108.52 0.86 0.00	91.88 1.00 0.00	72.51 1.21 0.00	63.76 0.06 0.00	55.21 0.27 0.00	44.92 0.36 0.00	39.03 0.42 0.00
ROCKVIEW_13_KV_LD 356306	34.66 2.57 0.00	32.53 2.38 0.00	32.17 2.16 0.00	30.66 2.03 0.00	30.25 1.98 0.00	30.96 2.03 0.00	32.62 2.36 0.00	36.83 2.98 0.00	39.12 3.20 0.00	43.86 3.47 0.00	49.30 3.69 0.00	52.08 3.99 0.00	57.21 4.38 0.00	61.78 5.31 0.00	69.46 6.08 0.00	77.30 6.71 0.00	103.55 9.18 -6.05	124.03 10.66 -5.71	99.96 8.72 -0.36	77.72 6.42 0.00	69.24 5.54 0.00	59.71 4.78 0.00	48.44 3.88 0.00	41.62 3.01 0.00
ROME____115KV_TB2 80656	33.86 1.44 -0.33	31.67 1.30 -0.23	31.46 1.23 -0.22	29.89 1.12 -0.15	29.53 1.13 -0.13	30.31 1.22 -0.16	31.89 1.39 -0.23	35.68 1.42 -0.41	37.86 1.44 -0.51	42.83 1.74 -0.70	48.68 2.14 -0.93	51.59 2.45 -1.05	56.92 2.96 -1.13	60.16 2.48 -1.20	67.57 2.73 -1.47	75.32 2.96 -1.77	94.17 3.80 -2.06	115.31 5.17 -2.48	97.85 4.54 -2.43	76.70 3.64 -1.77	68.18 3.18 -1.30	58.54 2.53 -1.08	47.22 1.96 -0.69	41.16 2.05 -0.51
ROSETON____1 23587	33.98 1.89 0.00	31.89 1.75 0.00	31.60 1.59 0.00	30.17 1.54 0.00	29.76 1.50 0.00	30.50 1.56 0.00	31.96 1.69 0.00	35.95 2.10 0.00	37.97 2.05 0.00	42.69 2.30 0.00	48.02 2.42 0.00	50.73 2.64 0.00	55.78 2.96 0.00	60.03 3.56 0.00	67.49 4.12 0.00	75.12 4.52 0.00	94.40 6.09 0.00	116.75 7.21 -1.87	97.02 5.82 -0.32	75.58 4.28 0.00	67.45 3.76 0.00	58.23 3.30 0.00	47.29 2.72 0.00	40.65 2.04 0.00
ROSETON____2 23588	33.98 1.89 0.00	31.89 1.75 0.00	31.60 1.59 0.00	30.17 1.54 0.00	29.76 1.50 0.00	30.50 1.56 0.00	31.96 1.69 0.00	35.95 2.10 0.00	37.97 2.05 0.00	42.69 2.30 0.00	48.02 2.42 0.00	50.73 2.64 0.00	55.78 2.96 0.00	60.03 3.56 0.00	67.49 4.12 0.00	75.12 4.52 0.00	94.40 6.09 0.00	116.75 7.21 -1.87	97.02 5.82 -0.32	75.58 4.28 0.00	67.45 3.76 0.00	58.23 3.30 0.00	47.29 2.72 0.00	40.65 2.04 0.00
ROTTDAM_115KV_TB3 80664	33.44 1.35 0.00	31.41 1.27 0.00	31.27 1.26 0.00	29.80 1.17 0.00	29.43 1.16 0.00	30.12 1.19 0.00	31.47 1.21 0.00	35.17 1.32 0.00	37.32 1.40 0.00	41.89 1.49 0.00	47.20 1.60 0.00	49.82 1.73 0.00	54.78 1.95 0.00	58.61 2.15 0.00	66.04 2.66 0.00	73.63 3.04 0.00	92.98 3.71 -0.96	117.34 4.74 -4.94	95.80 4.18 -0.74	74.58 3.28 0.00	66.82 3.12 0.00	57.52 2.58 0.00	46.48 1.92 0.00	40.19 1.58 0.00
RUSSELL____1 23602	32.64 0.55 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.54 -0.09 0.00	28.24 -0.03 0.00	28.99 0.06 0.00	30.38 0.12 0.00	33.85 0.00 0.00	35.96 0.04 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.19 1.11 0.00	54.04 1.22 0.00	57.65 1.19 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.61 0.00	92.43 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.24 0.67 0.00	39.30 0.69 0.00
RUSSELL____2 23532	32.64 0.55 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.54 -0.09 0.00	28.24 -0.03 0.00	28.99 0.06 0.00	30.38 0.12 0.00	33.85 0.00 0.00	35.96 0.04 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.19 1.11 0.00	54.04 1.22 0.00	57.65 1.19 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.61 0.00	92.43 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.24 0.67 0.00	39.30 0.69 0.00
RUSSELL____3 23549	32.64 0.55 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.54 -0.09 0.00	28.24 -0.03 0.00	28.99 0.06 0.00	30.38 0.12 0.00	33.85 0.00 0.00	35.96 0.04 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.19 1.11 0.00	54.04 1.22 0.00	57.65 1.19 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.61 0.00	92.43 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.24 0.67 0.00	39.30 0.69 0.00
RUSSELL____4 23556	32.64 0.55 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.54 -0.09 0.00	28.24 -0.03 0.00	28.99 0.06 0.00	30.38 0.12 0.00	33.85 0.00 0.00	35.96 0.04 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.19 1.11 0.00	54.04 1.22 0.00	57.65 1.19 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.61 0.00	92.43 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.24 0.67 0.00	39.30 0.69 0.00
RUSSELL____STATION 23914	32.64 0.55 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.54 -0.09 0.00	28.24 -0.03 0.00	28.99 0.06 0.00	30.38 0.12 0.00	33.85 0.00 0.00	35.96 0.04 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.19 1.11 0.00	54.04 1.22 0.00	57.65 1.19 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.61 0.00	92.43 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.24 0.67 0.00	39.30 0.69 0.00
S SALMON____HYD 24043	33.65 -0.10 -1.66	31.09 -0.21 -1.15	30.87 -0.24 -1.10	29.12 -0.26 -0.75	28.70 -0.23 -0.66	29.59 -0.17 -0.83	31.31 -0.12 -1.17	35.65 -0.27 -2.07	38.24 -0.25 -2.57	43.60 -0.36 -3.57	50.11 -0.23 -4.73	53.28 -0.14 -5.34	58.51 -0.05 -5.73	62.23 -0.34 -6.10	70.03 -0.63 -7.29	78.02 -0.84 -8.27	96.42 -1.06 -9.17	117.69 -1.08 -11.11	101.91 -0.63 -11.66	79.98 -0.28 -8.97	70.02 -0.25 -6.58	60.30 -0.11 -5.48	47.96 -0.13 -3.52	41.08 -0.12 -2.59
S.PERRY__115KV_TB1 80734	33.79 1.70 0.00	31.35 1.21 0.00	31.06 1.05 0.00	29.46 0.83 0.00	29.17 0.90 0.00	30.00 1.07 0.00	31.50 1.24 0.00	35.04 1.18 0.00	36.96 1.04 0.00	40.35 -0.04 0.00	45.88 0.27 0.00	48.42 0.34 0.00	52.93 0.11 0.00	56.30 -0.17 0.00	60.27 -3.11 0.00	68.12 -2.47 0.00	84.78 -3.53 0.00	103.14 -4.52 0.00	88.25 -2.64 0.00	70.80 -0.50 0.00	62.74 -0.96 0.00	54.28 -0.66 0.00	45.68 1.11 0.00	39.65 1.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.35 0.26 0.00	29.90 -0.24 0.00	29.62 -0.39 0.00	28.11 -0.52 0.00	27.79 -0.48 0.00	28.56 -0.38 0.00	29.93 -0.33 0.00	33.07 -0.78 0.00	34.99 -0.93 0.00	39.83 -0.57 0.00	45.84 0.23 0.00	48.33 0.24 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.36 -1.01 0.00	70.66 0.07 0.00	88.04 -0.26 0.00	105.94 -1.72 0.00	89.97 -0.91 0.00	71.23 -0.07 0.00	61.97 -1.72 0.00	53.95 -0.99 0.00	43.99 -0.58 0.00	38.68 0.08 0.00
SAWYER____23_KV_LOAD 55526	32.35 0.26 0.00	29.90 -0.24 0.00	29.62 -0.39 0.00	28.11 -0.52 0.00	27.79 -0.48 0.00	28.56 -0.38 0.00	29.93 -0.33 0.00	33.07 -0.78 0.00	34.99 -0.93 0.00	39.83 -0.57 0.00	45.84 0.23 0.00	48.33 0.24 0.00	52.83 0.00 0.00	56.41 -0.06 0.00	62.36 -1.01 0.00	70.66 0.07 0.00	88.04 -0.26 0.00	105.94 -1.72 0.00	89.97 -0.91 0.00	71.23 -0.07 0.00	61.97 -1.72 0.00	53.95 -0.99 0.00	43.99 -0.58 0.00	38.68 0.08 0.00

SELKIRK___I 23801	33.25 1.15 0.00	31.26 1.12 0.00	31.12 1.11 0.00	29.72 1.09 0.00	29.31 1.05 0.00	29.95 1.01 0.00	31.23 0.97 0.00	34.87 1.01 0.00	36.85 0.93 0.00	41.40 1.01 0.00	46.61 1.00 0.00	48.95 0.87 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.52 1.14 0.00	71.38 1.20 0.42	90.29 1.41 -0.57	95.35 2.04 14.35	90.07 1.72 2.54	72.51 1.21 0.00	65.03 1.34 0.00	56.09 1.16 0.00	45.72 1.16 0.00	39.73 1.12 0.00
SELKIRK___II 23799	33.02 0.93 0.00	31.05 0.90 0.00	30.91 0.90 0.00	29.49 0.86 0.00	29.11 0.85 0.00	29.77 0.84 0.00	31.05 0.79 0.00	34.77 0.91 0.00	36.75 0.83 0.00	41.32 0.93 0.00	46.52 0.91 0.00	48.62 0.53 0.00	53.41 0.58 0.00	57.26 0.79 0.00	64.52 1.14 0.00	70.12 1.13 1.60	88.82 1.33 0.82	88.82 1.83 20.67	88.82 1.54 3.60	72.37 1.07 0.00	64.97 1.27 0.00	55.98 1.04 0.00	45.37 0.80 0.00	39.61 1.00 0.00
SENECA OSWGO___HYD 24041	34.11 -0.32 -2.34	31.38 -0.39 -1.63	31.15 -0.42 -1.56	29.26 -0.43 -1.06	28.78 -0.42 -0.94	29.70 -0.41 -1.17	31.52 -0.39 -1.65	36.30 -0.47 -2.93	39.13 -0.43 -3.63	44.96 -0.48 -5.05	51.88 -0.41 -6.69	55.30 -0.33 -7.55	60.57 -0.37 -8.11	64.64 -0.45 -8.63	73.37 -0.57 -10.57	82.69 -0.57 -12.67	102.39 -0.71 -14.79	124.48 -0.97 -17.79	107.56 -0.73 -17.40	83.48 -0.50 -12.68	72.49 -0.51 -9.31	62.30 -0.38 -7.75	49.24 -0.31 -4.98	41.88 -0.39 -3.66
SENECA___115KV_TB3 355854	32.80 0.71 0.00	30.30 0.15 0.00	30.01 0.00 0.00	28.48 -0.14 0.00	28.13 -0.14 0.00	28.93 0.00 0.00	30.32 0.06 0.00	33.58 -0.27 0.00	35.56 -0.36 0.00	40.47 0.08 0.00	46.61 1.00 0.00	49.14 1.06 0.00	53.78 0.95 0.00	57.43 0.96 0.00	63.50 0.13 0.00	71.93 1.34 0.00	89.63 1.32 0.00	107.77 0.11 0.00	91.52 0.64 0.00	72.37 1.07 0.00	62.93 -0.76 0.00	54.77 -0.16 0.00	44.66 0.09 0.00	39.26 0.66 0.00
SENECA___ENERGY 23797	33.28 0.35 -0.84	30.88 0.15 -0.58	30.63 0.06 -0.56	28.98 -0.03 -0.38	28.63 0.03 -0.34	29.47 0.12 -0.42	31.10 0.24 -0.59	35.10 0.20 -1.05	37.72 0.50 -1.30	42.69 0.49 -1.81	48.82 0.82 -2.39	51.75 0.96 -2.70	56.79 1.06 -2.90	60.52 0.96 -3.09	68.05 0.89 -3.79	76.54 1.41 -4.54	95.11 1.50 -5.30	115.65 1.62 -6.37	98.75 1.64 -6.23	77.34 1.50 -4.54	68.04 1.02 -3.33	58.64 0.93 -2.78	47.16 0.80 -1.78	40.50 0.58 -1.31
SHOEMAKER___GT 23640	33.82 1.73 0.00	31.77 1.63 0.00	31.48 1.47 0.00	30.03 1.40 0.00	29.65 1.38 0.00	30.38 1.45 0.00	31.81 1.54 0.00	35.61 1.76 0.00	37.68 1.76 0.00	42.37 1.98 0.00	47.71 2.10 0.00	50.35 2.26 0.00	55.42 2.59 0.00	59.52 3.05 0.00	66.92 3.55 0.00	74.47 3.88 0.00	87.72 5.30 5.89	112.02 6.24 1.88	96.24 5.09 -0.27	75.08 3.78 0.00	67.00 3.31 0.00	57.84 2.91 0.00	47.02 2.45 0.00	40.54 1.93 0.00
SHOEMAKR_138KV_BK 111 55601	33.79 1.70 0.00	31.74 1.60 0.00	31.48 1.47 0.00	30.03 1.40 0.00	29.65 1.39 0.00	30.32 1.39 0.00	31.81 1.54 0.00	35.61 1.76 0.00	37.79 1.87 0.00	42.37 1.98 0.00	47.71 2.10 0.00	50.35 2.26 0.00	55.42 2.59 0.00	59.57 3.11 0.00	66.92 3.55 0.00	74.55 3.95 0.00	88.10 5.39 5.60	112.28 6.35 1.74	96.33 5.18 -0.27	75.08 3.78 0.00	67.01 3.31 0.00	57.85 2.91 0.00	46.97 2.41 0.00	40.50 1.89 0.00
SHOREHAM_IC_1 23715	39.41 3.37 -3.95	38.53 3.08 -5.31	37.30 2.79 -4.50	37.21 2.63 -5.95	37.26 2.60 -6.40	37.31 2.75 -5.63	37.80 3.03 -4.51	38.08 3.69 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.30 4.29 -5.40	142.45 5.05 -89.31	149.98 5.60 -91.56	166.66 6.60 -103.59	245.39 7.41 -174.61	247.74 7.97 -169.17	293.04 10.59 -194.14	270.20 12.91 -149.62	317.93 10.54 -216.51	193.36 8.34 -113.72	144.86 7.26 -73.91	142.26 6.15 -81.17	49.12 4.55 0.00	42.20 3.59 0.00
SHOREHAM_IC_2 23716	39.41 3.37 -3.95	38.53 3.08 -5.31	37.30 2.79 -4.50	37.21 2.63 -5.95	37.26 2.60 -6.40	37.31 2.75 -5.63	37.80 3.03 -4.51	38.08 3.69 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.30 4.29 -5.40	142.45 5.05 -89.31	149.98 5.60 -91.56	166.66 6.60 -103.59	245.39 7.41 -174.61	247.74 7.97 -169.17	293.04 10.59 -194.14	270.20 12.91 -149.62	317.93 10.54 -216.51	193.36 8.34 -113.72	144.86 7.26 -73.91	142.26 6.15 -81.17	49.12 4.55 0.00	42.20 3.59 0.00
SISSONVILLE____ 23735	30.48 -1.83 -0.21	28.67 -1.63 -0.15	28.62 -1.53 -0.14	27.26 -1.46 -0.10	26.91 -1.44 -0.09	27.62 -1.42 -0.11	29.14 -1.27 -0.15	32.59 -1.52 -0.27	34.64 -1.62 -0.33	39.03 -1.82 -0.46	44.21 -2.01 -0.61	46.47 -2.31 -0.69	50.87 -2.69 -0.74	53.92 -3.33 -0.78	60.28 -4.06 -0.96	67.02 -4.73 -1.15	83.39 -6.27 -1.35	101.96 -7.32 -1.62	86.38 -6.09 -1.58	67.96 -4.49 -1.15	60.72 -3.82 -0.85	52.18 -3.46 -0.71	42.48 -2.54 -0.45	37.01 -1.93 -0.33
SITHE_IND_GS1 24169	24.83 -0.80 6.46	24.83 -0.81 4.50	24.86 -0.84 4.31	24.86 -0.83 2.94	24.86 -0.82 2.59	24.90 -0.81 3.22	24.90 -0.82 4.55	24.83 -0.95 8.07	25.00 -0.90 10.02	25.41 -1.05 13.93	26.07 -1.10 18.45	26.16 -1.10 20.82	29.29 -1.16 22.37	31.32 -1.36 23.79	32.63 -1.58 29.16	34.02 -1.62 34.95	45.39 -2.12 40.80	56.01 -2.58 49.07	40.68 -2.18 48.01	34.68 -1.64 34.98	36.43 -1.59 25.68	32.24 -1.32 21.38	29.75 -1.07 13.75	27.55 -0.96 10.10
SITHE_IND_GS2 24170	24.83 -0.80 6.46	24.83 -0.81 4.50	24.86 -0.84 4.31	24.86 -0.83 2.94	24.86 -0.82 2.59	24.90 -0.81 3.22	24.90 -0.82 4.55	24.83 -0.95 8.07	25.00 -0.90 10.02	25.41 -1.05 13.93	26.07 -1.10 18.45	26.16 -1.10 20.82	29.29 -1.16 22.37	31.32 -1.36 23.79	32.63 -1.58 29.16	34.02 -1.62 34.95	45.39 -2.12 40.80	56.01 -2.58 49.07	40.68 -2.18 48.01	34.68 -1.64 34.98	36.43 -1.59 25.68	32.24 -1.32 21.38	29.75 -1.07 13.75	27.55 -0.96 10.10
SITHE_IND_GS3 24171	24.83 -0.80 6.46	24.83 -0.81 4.50	24.86 -0.84 4.31	24.86 -0.83 2.94	24.86 -0.82 2.59	24.90 -0.81 3.22	24.90 -0.82 4.55	24.83 -0.95 8.07	25.00 -0.90 10.02	25.41 -1.05 13.93	26.07 -1.10 18.45	26.16 -1.10 20.82	29.29 -1.16 22.37	31.32 -1.36 23.79	32.63 -1.58 29.16	34.02 -1.62 34.95	45.39 -2.12 40.80	56.01 -2.58 49.07	40.68 -2.18 48.01	34.68 -1.64 34.98	36.43 -1.59 25.68	32.24 -1.32 21.38	29.75 -1.07 13.75	27.55 -0.96 10.10
SITHE_IND_GS4 24172	24.83 -0.80 6.46	24.83 -0.81 4.50	24.86 -0.84 4.31	24.86 -0.83 2.94	24.86 -0.82 2.59	24.90 -0.81 3.22	24.90 -0.82 4.55	24.83 -0.95 8.07	25.00 -0.90 10.02	25.41 -1.05 13.93	26.07 -1.10 18.45	26.16 -1.10 20.82	29.29 -1.16 22.37	31.32 -1.36 23.79	32.63 -1.58 29.16	34.02 -1.62 34.95	45.39 -2.12 40.80	56.01 -2.58 49.07	40.68 -2.18 48.01	34.68 -1.64 34.98	36.43 -1.59 25.68	32.24 -1.32 21.38	29.75 -1.07 13.75	27.55 -0.96 10.10
SITHE___BATAVIA 24024	32.99 0.90 0.00	30.54 0.39 0.00	30.22 0.21 0.00	28.66 0.03 0.00	28.41 0.14 0.00	29.22 0.29 0.00	30.60 0.33 0.00	33.89 0.03 0.00	36.78 0.86 0.00	40.68 0.28 0.00	46.75 1.14 0.00	49.29 1.20 0.00	53.99 1.16 0.00	57.54 1.07 0.00	63.82 0.45 0.00	72.22 1.62 0.00	90.17 1.86 0.00	109.17 1.51 0.00	92.70 1.82 0.00	73.44 2.14 0.00	64.08 0.38 0.00	55.70 0.77 0.00	45.37 0.80 0.00	39.65 1.04 0.00

SITHE___INDEPEND 23800	24.83 -0.80 6.46	24.83 -0.81 4.50	24.86 -0.84 4.31	24.86 -0.83 2.94	24.86 -0.82 2.59	24.90 -0.81 3.22	24.90 -0.82 4.55	24.86 -0.91 8.07	24.93 -0.97 10.02	25.41 -1.05 13.93	26.07 -1.09 18.45	26.16 -1.11 20.82	29.30 -1.16 22.37	31.38 -1.30 23.79	32.63 -1.58 29.16	34.02 -1.62 34.95	45.48 -2.03 40.80	56.01 -2.58 49.07	40.68 -2.18 48.01	34.68 -1.64 34.98	36.42 -1.59 25.68	32.24 -1.32 21.38	29.75 -1.07 13.75	27.55 -0.97 10.10
SITHE___MASSENA 23902	30.97 -1.12 0.00	29.18 -0.97 0.00	29.14 -0.87 0.00	27.77 -0.86 0.00	27.42 -0.85 0.00	28.07 -0.87 0.00	29.51 -0.76 0.00	32.94 -0.91 0.00	34.95 -0.97 0.00	39.38 -1.01 0.00	44.42 -1.19 0.00	46.65 -1.44 0.00	51.14 -1.69 0.00	54.38 -2.09 0.00	58.28 -2.60 2.49	58.40 -3.03 9.16	67.45 -3.79 17.07	83.55 -4.63 19.49	78.39 -3.91 8.58	68.45 -2.85 0.00	61.27 -2.42 0.00	52.68 -2.25 0.00	42.83 -1.74 0.00	37.41 -1.20 0.00
SITHE___OGDNSBRG 24021	31.00 -1.09 0.00	29.24 -0.90 0.00	29.20 -0.81 0.00	27.85 -0.77 0.00	27.50 -0.76 0.00	28.21 -0.72 0.00	29.72 -0.54 0.00	33.07 -0.78 0.00	35.02 -0.90 0.00	39.42 -0.97 0.00	44.47 -1.14 0.00	46.74 -1.35 0.00	51.24 -1.58 0.00	54.27 -2.20 0.00	60.59 -2.79 0.00	67.28 -3.32 0.00	83.98 -4.33 0.00	102.82 -4.84 0.00	86.97 -3.91 0.00	68.59 -2.71 0.00	61.47 -2.23 0.00	52.79 -2.14 0.00	42.96 -1.60 0.00	37.60 -1.00 0.00
SITHE___STERLING 23777	33.66 1.22 -0.35	31.47 1.08 -0.24	31.26 1.02 -0.23	29.73 0.94 -0.16	29.34 0.93 -0.14	30.12 1.01 -0.17	31.66 1.15 -0.24	35.47 1.18 -0.43	37.72 1.26 -0.54	42.63 1.50 -0.75	48.42 1.83 -0.99	51.27 2.07 -1.12	56.51 2.48 -1.20	59.89 2.15 -1.28	67.35 2.41 -1.56	75.15 2.68 -1.88	93.85 3.35 -2.19	114.81 4.52 -2.63	97.36 3.91 -2.58	76.31 3.13 -1.88	67.81 2.74 -1.38	58.34 2.25 -1.15	47.04 1.74 -0.74	40.85 1.70 -0.54
SLEIGHT___34_KV_TB1 80719	32.50 0.19 -0.22	30.24 -0.06 -0.15	29.98 -0.18 -0.15	28.47 -0.26 -0.10	28.13 -0.23 -0.09	28.90 -0.14 -0.11	30.39 -0.03 -0.15	34.06 -0.07 -0.27	36.22 -0.04 -0.34	41.10 0.24 -0.47	46.92 0.68 -0.62	49.66 0.87 -0.70	54.48 0.90 -0.76	58.18 0.90 -0.81	64.99 0.63 -0.99	73.05 1.27 -1.18	91.10 1.41 -1.38	110.61 1.29 -1.66	93.78 1.27 -1.62	73.70 1.21 -1.18	65.01 0.45 -0.87	56.15 0.49 -0.72	45.48 0.45 -0.47	39.30 0.35 -0.34
SOUTH CAIRO___GT 23612	34.18 2.09 0.00	32.19 2.05 0.00	31.99 1.98 0.00	30.49 1.86 0.00	30.10 1.84 0.00	30.79 1.85 0.00	32.11 1.85 0.00	35.14 1.29 0.00	37.32 1.40 0.00	41.72 1.33 0.00	47.11 1.51 0.00	49.05 0.96 0.00	54.36 1.53 0.00	57.94 1.47 0.00	65.53 2.15 0.00	72.94 2.89 0.55	92.05 3.71 -0.03	92.95 5.38 20.09	92.59 5.18 3.47	75.22 3.92 0.00	67.45 3.76 0.00	57.85 2.91 0.00	46.80 2.23 0.00	41.00 2.39 0.00
SOUTH HAMPTN___IC 23720	40.15 4.11 -3.95	39.19 3.74 -5.31	37.90 3.39 -4.50	37.82 3.23 -5.95	37.88 3.22 -6.40	37.95 3.38 -5.63	38.49 3.72 -4.51	38.86 4.47 -0.54	40.46 4.53 -0.01	44.95 4.56 0.00	56.84 5.75 -5.49	140.32 6.68 -85.56	147.87 7.34 -87.71	164.16 8.47 -99.23	240.07 9.38 -167.32	242.60 9.96 -162.05	287.52 12.99 -186.22	266.95 15.72 -143.57	311.12 12.82 -207.42	190.43 10.19 -108.94	143.49 8.79 -71.00	140.32 7.47 -77.91	50.05 5.48 0.00	43.05 4.44 0.00
SOUTHDOW___115KV_TB1 355954	34.24 2.15 0.00	31.53 1.39 0.00	31.18 1.17 0.00	29.54 0.92 0.00	29.17 0.90 0.00	30.09 1.16 0.00	31.66 1.39 0.00	35.34 1.49 0.00	37.43 1.51 0.00	42.61 2.22 0.00	49.30 3.69 0.00	52.08 3.99 0.00	57.05 4.23 0.00	60.99 4.52 0.00	67.24 3.87 0.00	75.96 5.37 0.00	94.31 6.01 0.00	112.72 5.06 0.00	96.06 5.18 0.00	76.08 4.78 0.00	65.92 2.23 0.00	57.35 2.42 0.00	46.75 2.18 0.00	41.12 2.51 0.00
SOUTHOLD_69_KV_BK 2 55809	40.92 4.88 -3.95	39.85 4.40 -5.31	38.50 3.99 -4.50	38.42 3.84 -5.95	38.54 3.87 -6.40	38.53 3.96 -5.63	39.22 4.45 -4.51	39.67 5.28 -0.54	41.82 5.89 -0.01	46.13 5.74 0.00	58.53 7.43 -5.49	142.06 8.37 -85.60	149.77 9.19 -87.75	166.14 10.39 -99.28	242.19 11.41 -167.41	243.39 10.66 -162.14	288.94 14.31 -186.32	268.10 16.80 -143.65	311.86 13.45 -207.53	192.49 12.19 -109.00	145.12 10.38 -71.04	141.62 8.73 -77.95	50.94 6.37 0.00	43.86 5.25 0.00
SOUTHOLD___IC 23719	40.92 4.88 -3.95	39.85 4.40 -5.31	38.50 3.99 -4.50	38.42 3.84 -5.95	38.51 3.84 -6.40	38.61 4.05 -5.63	39.22 4.45 -4.51	39.71 5.31 -0.54	41.53 5.60 -0.01	46.12 5.73 0.00	58.39 7.30 -5.49	142.10 8.41 -85.60	149.77 9.19 -87.75	166.14 10.39 -99.28	242.19 11.40 -167.41	243.39 10.66 -162.14	288.40 13.77 -186.32	267.99 16.69 -143.65	311.86 13.45 -207.53	192.49 12.19 -109.00	145.12 10.39 -71.04	141.67 8.79 -77.95	50.99 6.42 0.00	43.86 5.25 0.00
SOUTH_FORK_WT_PWR 323839	40.92 4.88 -3.95	39.85 4.40 -5.31	38.53 4.02 -4.50	38.44 3.86 -5.95	38.57 3.90 -6.40	38.67 4.11 -5.63	39.28 4.51 -4.51	39.77 5.38 -0.54	41.68 5.75 -0.01	46.29 5.90 0.00	58.58 7.48 -5.49	142.27 8.61 -85.58	149.91 9.35 -87.73	166.28 10.56 -99.25	242.21 11.47 -167.36	244.12 11.43 -162.09	289.33 14.75 -186.27	269.02 17.76 -143.60	312.62 14.27 -207.47	192.32 12.05 -108.96	144.90 10.19 -71.02	141.49 8.63 -77.93	50.86 6.29 0.00	43.75 5.14 0.00
SPIERFLS_115KV_TB 1 80737	34.11 2.02 0.00	32.01 1.87 0.00	31.81 1.80 0.00	30.26 1.63 0.00	29.88 1.61 0.00	30.58 1.65 0.00	32.05 1.79 0.00	35.75 1.90 0.00	38.08 2.16 0.00	42.81 2.42 0.00	47.89 2.28 0.00	50.54 2.45 0.00	55.73 2.91 0.00	58.95 2.48 0.00	66.86 3.49 0.00	74.69 4.09 0.00	94.01 4.68 -1.02	122.63 6.35 -8.62	98.87 6.63 -1.36	76.79 5.49 0.00	69.11 5.41 0.00	59.22 4.28 0.00	47.46 2.90 0.00	41.08 2.47 0.00
ST LAWRENCE____ 23600	31.06 -1.03 0.00	29.24 -0.90 0.00	29.17 -0.84 0.00	27.83 -0.80 0.00	27.48 -0.79 0.00	28.12 -0.81 0.00	29.54 -0.73 0.00	32.97 -0.88 0.00	34.99 -0.93 0.00	39.42 -0.97 0.00	44.47 -1.14 0.00	46.69 -1.40 0.00	51.19 -1.64 0.00	54.55 -1.92 0.00	58.49 -2.28 2.61	58.41 -2.61 9.57	67.20 -3.27 17.84	83.31 -3.98 20.37	78.55 -3.36 8.97	68.80 -2.50 0.00	61.53 -2.17 0.00	52.96 -1.98 0.00	43.05 -1.52 0.00	37.53 -1.08 0.00
STATE_CA_115KV_115_LB 55624	33.18 1.09 0.00	31.20 1.06 0.00	31.00 0.99 0.00	29.57 0.94 0.00	29.20 0.93 0.00	29.83 0.90 0.00	31.17 0.91 0.00	34.87 1.02 0.00	37.00 1.08 0.00	41.52 1.13 0.00	46.79 1.19 0.00	49.29 1.20 0.00	54.20 1.37 0.00	58.05 1.58 0.00	65.59 2.22 0.00	72.99 2.40 0.00	92.21 2.83 -1.08	112.07 3.77 -0.64	94.06 3.18 0.00	73.65 2.35 0.00	66.05 2.36 0.00	56.80 1.87 0.00	45.86 1.29 0.00	39.80 1.20 0.00
STATE_ST_34_KV_LOAD 55959	33.58 0.51 -0.98	31.19 0.36 -0.68	30.90 0.24 -0.65	29.27 0.20 -0.44	28.86 0.20 -0.39	29.68 0.26 -0.49	31.31 0.36 -0.69	35.51 0.44 -1.22	37.90 0.47 -1.51	43.18 0.69 -2.10	49.35 0.96 -2.79	52.39 1.15 -3.15	57.48 1.27 -3.38	61.36 1.30 -3.59	69.17 1.39 -4.41	77.57 1.69 -5.28	96.59 2.12 -6.16	117.55 2.48 -7.41	100.32 2.18 -7.25	78.37 1.78 -5.29	69.04 1.46 -3.88	59.37 1.21 -3.23	47.67 1.03 -2.08	40.87 0.73 -1.53

STATION 5_MISC_HYD 23604	32.45 0.35 0.00	30.17 0.03 0.00	29.92 -0.09 0.00	28.43 -0.20 0.00	28.13 -0.14 0.00	28.88 -0.06 0.00	30.26 0.00 0.00	33.65 -0.20 0.00	36.32 0.40 0.00	40.47 0.08 0.00	46.29 0.69 0.00	48.90 0.82 0.00	53.62 0.79 0.00	57.15 0.68 0.00	63.63 0.25 0.00	71.72 1.13 0.00	89.45 1.15 0.00	108.52 0.86 0.00	91.88 1.00 0.00	72.51 1.21 0.00	63.76 0.06 0.00	55.32 0.39 0.00	44.97 0.40 0.00	39.07 0.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.90 0.58 -0.23	30.61 0.30 -0.16	30.35 0.18 -0.16	28.79 0.06 -0.11	28.47 0.11 -0.09	29.25 0.20 -0.12	30.73 0.30 -0.17	34.45 0.30 -0.29	36.64 0.36 -0.36	41.54 0.65 -0.51	47.46 1.19 -0.67	50.19 1.35 -0.76	55.12 1.48 -0.81	58.91 1.58 -0.86	65.70 1.27 -1.06	73.91 2.05 -1.27	92.18 2.38 -1.48	112.03 2.58 -1.78	94.99 2.36 -1.74	74.78 2.21 -1.27	65.84 1.21 -0.93	56.87 1.15 -0.78	46.05 0.98 -0.50	39.78 0.81 -0.37
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.28 0.19 0.00	30.02 -0.12 0.00	29.77 -0.24 0.00	28.26 -0.37 0.00	27.96 -0.31 0.00	28.70 -0.23 0.00	30.11 -0.15 0.00	33.55 -0.30 0.00	35.60 -0.32 0.00	40.31 -0.08 0.00	46.11 0.50 0.00	48.71 0.63 0.00	53.46 0.63 0.00	57.09 0.62 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.19 0.88 0.00	108.31 0.65 0.00	91.61 0.73 0.00	72.23 0.93 0.00	63.57 -0.13 0.00	55.04 0.11 0.00	44.70 0.13 0.00	38.84 0.23 0.00
STA_56____34_KV_BUS2 355983	32.28 0.19 0.00	30.02 -0.12 0.00	29.77 -0.24 0.00	28.26 -0.37 0.00	27.96 -0.31 0.00	28.70 -0.23 0.00	30.11 -0.15 0.00	33.55 -0.30 0.00	35.60 -0.32 0.00	40.31 -0.08 0.00	46.11 0.50 0.00	48.71 0.63 0.00	53.46 0.63 0.00	57.09 0.62 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.19 0.88 0.00	108.31 0.65 0.00	91.61 0.73 0.00	72.23 0.93 0.00	63.57 -0.13 0.00	55.04 0.11 0.00	44.70 0.13 0.00	38.84 0.23 0.00
STA_67____115KV_BK2 355882	32.38 0.29 0.00	30.11 -0.03 0.00	29.83 -0.18 0.00	28.34 -0.29 0.00	28.04 -0.23 0.00	28.79 -0.14 0.00	30.20 -0.06 0.00	33.61 -0.24 0.00	35.63 -0.29 0.00	40.35 -0.04 0.00	46.16 0.55 0.00	48.71 0.63 0.00	53.46 0.63 0.00	57.09 0.62 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.19 0.88 0.00	108.20 0.54 0.00	91.61 0.73 0.00	72.23 0.93 0.00	63.57 -0.13 0.00	55.04 0.11 0.00	44.79 0.22 0.00	38.92 0.31 0.00
STA_7____115KV_9TRANS 80674	32.64 0.55 0.00	30.33 0.18 0.00	30.04 0.03 0.00	28.54 -0.09 0.00	28.24 -0.03 0.00	28.99 0.06 0.00	30.38 0.12 0.00	33.85 0.00 0.00	35.96 0.04 0.00	40.71 0.32 0.00	46.57 0.96 0.00	49.19 1.11 0.00	54.04 1.22 0.00	57.65 1.19 0.00	64.07 0.70 0.00	72.22 1.62 0.00	90.08 1.77 0.00	109.28 1.61 0.00	92.43 1.54 0.00	72.94 1.64 0.00	64.14 0.45 0.00	55.65 0.71 0.00	45.24 0.67 0.00	39.30 0.69 0.00
STA_82____115KV_TB1 80780	32.38 0.29 0.00	30.11 -0.03 0.00	29.86 -0.15 0.00	28.37 -0.26 0.00	28.07 -0.20 0.00	28.79 -0.14 0.00	30.20 -0.06 0.00	33.61 -0.24 0.00	35.67 -0.25 0.00	40.39 0.00 0.00	46.16 0.55 0.00	48.76 0.67 0.00	53.46 0.63 0.00	57.09 0.62 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.19 0.88 0.00	108.31 0.65 0.00	91.61 0.73 0.00	72.30 1.00 0.00	63.57 -0.13 0.00	55.10 0.16 0.00	44.79 0.22 0.00	38.95 0.35 0.00
STEEL____WIND 323596	32.77 0.67 0.00	30.27 0.12 0.00	29.98 -0.03 0.00	28.46 -0.17 0.00	28.13 -0.14 0.00	28.96 0.03 0.00	30.32 0.06 0.00	33.55 -0.31 0.00	36.42 0.50 0.00	40.43 0.04 0.00	46.52 0.91 0.00	49.14 1.06 0.00	53.72 0.90 0.00	57.32 0.85 0.00	63.44 0.06 0.00	71.79 1.20 0.00	89.55 1.24 0.00	107.55 -0.11 0.00	91.43 0.55 0.00	72.30 1.00 0.00	62.86 -0.83 0.00	54.77 -0.16 0.00	44.70 0.13 0.00	39.26 0.66 0.00
STEPHTWN_115KV_BK_2 55603	33.34 1.25 0.00	31.32 1.18 0.00	31.15 1.14 0.00	29.69 1.06 0.00	29.31 1.05 0.00	29.98 1.04 0.00	31.32 1.06 0.00	35.04 1.18 0.00	37.18 1.26 0.00	41.72 1.33 0.00	47.02 1.41 0.00	49.43 1.35 0.00	54.41 1.58 0.00	58.22 1.75 0.00	65.91 2.53 0.00	73.56 2.96 0.00	92.85 3.44 -1.10	76.71 4.63 35.58	88.75 4.00 6.13	74.29 2.99 0.00	66.56 2.87 0.00	57.30 2.36 0.00	46.22 1.65 0.00	40.11 1.51 0.00
STEUBEN_REC_LFGE 323667	33.82 1.41 -0.32	31.30 0.93 -0.22	31.00 0.78 -0.21	29.37 0.60 -0.14	29.04 0.65 -0.13	29.96 0.87 -0.16	31.55 1.06 -0.22	35.36 1.12 -0.40	37.67 1.26 -0.49	42.73 1.66 -0.68	48.93 2.42 -0.90	51.75 2.64 -1.02	56.72 2.80 -1.09	60.46 2.82 -1.16	67.08 2.28 -1.43	75.69 3.39 -1.71	94.28 3.97 -2.00	113.94 3.88 -2.40	97.14 3.91 -2.35	76.58 3.56 -1.71	67.24 2.29 -1.26	58.18 2.20 -1.05	47.25 2.01 -0.67	40.95 1.85 -0.49
STILLWATER____SOLAR 323814	34.11 2.02 0.00	32.04 1.90 0.00	31.84 1.83 0.00	30.35 1.72 0.00	29.96 1.70 0.00	30.64 1.71 0.00	32.05 1.79 0.00	35.81 1.96 0.00	37.97 2.05 0.00	42.69 2.30 0.00	48.02 2.42 0.00	50.68 2.59 0.00	55.78 2.96 0.00	59.52 3.05 0.00	67.30 3.93 0.00	75.12 4.52 0.00	94.65 5.30 -1.04	125.12 6.99 -10.46	99.00 6.45 -1.67	76.44 5.14 0.00	68.60 4.90 0.00	58.94 4.01 0.00	47.42 2.85 0.00	41.04 2.43 0.00
STONY____BROOK 24151	39.45 3.40 -3.95	38.61 3.16 -5.31	37.42 2.91 -4.50	37.30 2.72 -5.95	37.35 2.69 -6.40	37.40 2.84 -5.63	37.89 3.12 -4.51	38.18 3.79 -0.54	39.49 3.56 -0.02	43.82 3.43 0.00	54.21 3.97 -4.64	162.60 4.66 -109.85	170.56 5.12 -112.61	189.92 6.05 -127.40	284.70 6.91 -214.42	286.21 7.56 -208.06	335.65 9.98 -237.36	302.31 11.95 -182.70	366.91 9.82 -266.21	218.80 7.63 -139.87	160.20 6.75 -89.76	159.68 5.77 -98.98	48.89 4.32 0.00	42.12 3.51 0.00
STURGEON_POOL_HYD 23609	34.18 2.09 0.00	32.10 1.96 0.00	31.78 1.77 0.00	30.35 1.72 0.00	29.96 1.70 0.00	30.61 1.68 0.00	32.11 1.85 0.00	35.92 2.06 0.00	38.15 2.23 0.00	42.73 2.34 0.00	48.07 2.46 0.00	50.88 2.79 0.00	56.10 3.28 0.00	60.36 3.90 0.00	67.81 4.44 0.00	75.61 5.15 0.14	95.39 7.24 0.17	112.16 8.40 3.90	97.04 6.82 0.66	75.93 4.63 0.00	67.58 3.89 0.00	58.51 3.57 0.00	47.55 2.99 0.00	40.89 2.28 0.00
ST_LAW_115_BK7_LBMP 345037	30.97 -1.12 0.00	29.15 -0.99 0.00	29.11 -0.90 0.00	27.77 -0.86 0.00	27.39 -0.88 0.00	28.04 -0.90 0.00	29.45 -0.82 0.00	32.90 -0.95 0.00	34.92 -1.01 0.00	39.30 -1.09 0.00	44.38 -1.23 0.00	46.55 -1.54 0.00	51.03 -1.80 0.00	54.38 -2.09 0.00	58.32 -2.47 2.58	58.28 -2.83 9.49	67.09 -3.54 17.68	83.16 -4.31 20.19	78.35 -3.64 8.89	68.59 -2.71 0.00	61.34 -2.36 0.00	52.79 -2.14 0.00	42.92 -1.65 0.00	37.41 -1.20 0.00
ST_LAW_115_BK8_LBMP 345038	30.97 -1.12 0.00	29.15 -0.99 0.00	29.11 -0.90 0.00	27.77 -0.86 0.00	27.39 -0.88 0.00	28.04 -0.90 0.00	29.45 -0.82 0.00	32.90 -0.95 0.00	34.92 -1.01 0.00	39.30 -1.09 0.00	44.38 -1.23 0.00	46.55 -1.54 0.00	51.03 -1.80 0.00	54.38 -2.09 0.00	58.32 -2.47 2.58	58.28 -2.83 9.49	67.09 -3.54 17.68	83.16 -4.31 20.19	78.35 -3.64 8.89	68.59 -2.71 0.00	61.34 -2.36 0.00	52.79 -2.14 0.00	42.92 -1.65 0.00	37.41 -1.20 0.00

ST_LAW_230_BK5_LBMP 345035	31.06 -1.03 0.00	29.24 -0.90 0.00	29.17 -0.84 0.00	27.83 -0.80 0.00	27.48 -0.79 0.00	28.12 -0.81 0.00	29.54 -0.73 0.00	32.97 -0.88 0.00	34.99 -0.93 0.00	39.42 -0.97 0.00	44.47 -1.14 0.00	46.69 -1.40 0.00	51.19 -1.64 0.00	54.55 -1.92 0.00	58.46 -2.28 2.64	58.30 -2.61 9.69	66.99 -3.27 18.05	83.07 -3.98 20.61	78.44 -3.36 9.08	68.80 -2.50 0.00	61.53 -2.17 0.00	52.96 -1.98 0.00	43.05 -1.52 0.00	37.53 -1.08 0.00
ST_LAW_230_BK6_LBMP 345036	31.06 -1.03 0.00	29.24 -0.90 0.00	29.17 -0.84 0.00	27.83 -0.80 0.00	27.48 -0.79 0.00	28.12 -0.81 0.00	29.54 -0.73 0.00	32.97 -0.88 0.00	34.99 -0.93 0.00	39.42 -0.97 0.00	44.47 -1.14 0.00	46.69 -1.40 0.00	51.19 -1.64 0.00	54.55 -1.92 0.00	58.46 -2.28 2.64	58.30 -2.61 9.69	66.99 -3.27 18.05	83.07 -3.98 20.61	78.44 -3.36 9.08	68.80 -2.50 0.00	61.53 -2.17 0.00	52.96 -1.98 0.00	43.05 -1.52 0.00	37.53 -1.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.02 1.93 0.00	31.92 1.78 0.00	31.63 1.62 0.00	30.17 1.55 0.00	29.77 1.50 0.00	30.47 1.53 0.00	31.99 1.73 0.00	35.85 2.00 0.00	38.08 2.16 0.00	42.69 2.30 0.00	48.07 2.46 0.00	50.73 2.64 0.00	55.84 3.01 0.00	60.03 3.56 0.00	67.49 4.12 0.00	75.18 4.59 0.00	87.71 6.27 6.87	112.60 7.32 2.38	97.17 6.00 -0.29	75.58 4.28 0.00	67.45 3.76 0.00	58.23 3.30 0.00	47.29 2.72 0.00	40.73 2.12 0.00
SWANROAD_115KV_TB1 355699	31.77 -0.32 0.00	29.39 -0.75 0.00	29.11 -0.90 0.00	27.65 -0.97 0.00	27.33 -0.93 0.00	28.09 -0.84 0.00	29.39 -0.88 0.00	32.40 -1.46 0.00	34.20 -1.72 0.00	38.94 -1.45 0.00	44.79 -0.82 0.00	47.17 -0.91 0.00	51.56 -1.27 0.00	55.00 -1.47 0.00	60.78 -2.60 0.00	68.90 -1.69 0.00	85.93 -2.38 0.00	103.46 -4.20 0.00	87.88 -3.00 0.00	69.66 -1.64 0.00	60.57 -3.12 0.00	52.74 -2.20 0.00	43.05 -1.52 0.00	37.87 -0.73 0.00
SYNERGY___BIOGAS 323694	32.99 0.90 0.00	30.54 0.39 0.00	30.22 0.21 0.00	28.66 0.03 0.00	28.41 0.14 0.00	29.22 0.29 0.00	30.60 0.33 0.00	33.89 0.03 0.00	36.78 0.86 0.00	40.68 0.28 0.00	46.75 1.14 0.00	49.29 1.20 0.00	53.99 1.16 0.00	57.54 1.07 0.00	63.82 0.45 0.00	72.22 1.62 0.00	90.17 1.86 0.00	109.17 1.51 0.00	92.70 1.82 0.00	73.44 2.14 0.00	64.08 0.38 0.00	55.70 0.77 0.00	45.37 0.80 0.00	39.65 1.04 0.00
SYRACUSE___ENERGY_ST1 323597	33.45 0.22 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.44 0.17 -1.42	37.86 0.18 -1.76	42.96 0.12 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.99 0.34 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.86 0.55 -8.44	77.87 0.43 -6.15	68.53 0.32 -4.51	58.97 0.27 -3.76	47.25 0.27 -2.42	40.54 0.15 -1.77
SYRACUSE___ENERGY_ST2 323598	33.45 0.22 -1.14	31.06 0.12 -0.79	30.83 0.06 -0.76	29.17 0.03 -0.52	28.75 0.03 -0.45	29.56 0.06 -0.57	31.18 0.12 -0.80	35.44 0.17 -1.42	37.86 0.18 -1.76	42.96 0.12 -2.45	49.08 0.23 -3.24	52.08 0.34 -3.66	57.13 0.37 -3.93	60.99 0.34 -4.18	68.88 0.38 -5.12	77.30 0.56 -6.14	96.10 0.62 -7.17	116.82 0.54 -8.62	99.86 0.55 -8.44	77.87 0.43 -6.15	68.53 0.32 -4.51	58.97 0.27 -3.76	47.25 0.27 -2.42	40.54 0.15 -1.77
SYRACUSE___POWER 24017	32.90 0.03 -0.77	30.59 -0.09 -0.54	30.41 -0.12 -0.52	28.81 -0.17 -0.35	28.41 -0.17 -0.31	29.20 -0.12 -0.39	30.72 -0.09 -0.54	34.75 -0.07 -0.97	37.09 -0.04 -1.20	42.10 0.04 -1.67	47.95 0.14 -2.21	50.87 0.29 -2.49	55.88 0.37 -2.68	59.60 0.28 -2.85	67.18 0.32 -3.49	75.20 0.42 -4.18	93.72 0.53 -4.88	113.97 0.43 -5.87	96.99 0.36 -5.75	75.84 0.36 -4.19	66.96 0.19 -3.07	57.66 0.16 -2.56	46.35 0.13 -1.65	39.85 0.04 -1.21
TALLMAN___138KV_BK151 55660	34.24 2.15 0.00	32.13 1.99 0.00	31.78 1.77 0.00	30.32 1.69 0.00	29.93 1.67 0.00	30.61 1.68 0.00	32.20 1.94 0.00	36.15 2.30 0.00	38.40 2.48 0.00	43.10 2.71 0.00	48.44 2.83 0.00	51.12 3.03 0.00	56.21 3.38 0.00	60.53 4.07 0.00	68.06 4.69 0.00	75.75 5.15 0.00	85.86 7.06 9.51	112.06 8.18 3.78	97.83 6.63 -0.31	76.08 4.78 0.00	67.83 4.14 0.00	58.56 3.63 0.00	47.60 3.03 0.00	41.00 2.39 0.00
TEALLAVE_115KV_TB7 355573	32.75 0.03 -0.63	30.52 -0.06 -0.44	30.31 -0.12 -0.42	28.77 -0.14 -0.28	28.38 -0.14 -0.25	29.13 -0.12 -0.31	30.64 -0.06 -0.44	34.57 -0.07 -0.78	36.86 -0.04 -0.97	41.78 0.04 -1.35	47.58 0.18 -1.79	50.44 0.34 -2.02	55.42 0.42 -2.17	59.11 0.34 -2.31	66.52 0.32 -2.83	74.48 0.49 -3.39	92.79 0.53 -3.95	112.85 0.43 -4.76	95.99 0.45 -4.65	75.05 0.36 -3.39	66.37 0.19 -2.49	57.17 0.16 -2.07	46.03 0.13 -1.33	39.62 0.04 -0.98
TELGRAPH_34_KV_EAST 80808	32.48 0.39 0.00	30.05 -0.09 0.00	29.77 -0.24 0.00	28.23 -0.40 0.00	27.93 -0.34 0.00	28.70 -0.23 0.00	30.08 -0.18 0.00	33.28 -0.58 0.00	35.17 -0.75 0.00	39.95 -0.44 0.00	45.93 0.32 0.00	48.42 0.34 0.00	52.99 0.16 0.00	56.58 0.11 0.00	62.55 -0.82 0.00	70.81 0.21 0.00	88.40 0.09 0.00	106.69 -0.97 0.00	90.52 -0.36 0.00	71.73 0.43 0.00	62.48 -1.21 0.00	54.33 -0.60 0.00	44.26 -0.31 0.00	38.84 0.23 0.00
TEMPLE___115KV_TB 2 55572	32.78 0.06 -0.63	30.52 -0.06 -0.44	30.31 -0.12 -0.42	28.77 -0.14 -0.28	28.38 -0.14 -0.25	29.16 -0.09 -0.31	30.64 -0.06 -0.44	34.57 -0.07 -0.78	36.86 -0.04 -0.97	41.82 0.08 -1.35	47.62 0.23 -1.79	50.49 0.38 -2.02	55.47 0.48 -2.17	59.17 0.40 -2.31	66.58 0.38 -2.83	74.55 0.56 -3.39	92.88 0.62 -3.96	112.96 0.54 -4.76	95.99 0.45 -4.66	75.12 0.43 -3.39	66.44 0.25 -2.49	57.23 0.22 -2.07	46.08 0.18 -1.33	39.66 0.08 -0.98
TIANA___69_KV_BK 1 55817	39.96 3.92 -3.95	39.04 3.59 -5.31	37.75 3.24 -4.50	37.64 3.06 -5.95	37.74 3.08 -6.40	37.72 3.15 -5.63	38.31 3.54 -4.51	38.62 4.23 -0.54	40.53 4.60 -0.01	44.63 4.24 0.00	56.57 5.47 -5.49	139.93 6.25 -85.59	147.44 6.87 -87.75	163.70 7.96 -99.27	239.71 8.94 -167.40	242.24 9.53 -162.12	287.51 12.89 -186.31	266.58 15.29 -143.63	310.75 12.36 -207.51	190.12 9.84 -108.99	143.20 8.47 -71.03	140.02 7.14 -77.94	49.83 5.26 0.00	42.90 4.29 0.00
TILDEN___115KV_TB1 80814	32.90 0.03 -0.77	30.59 -0.09 -0.54	30.41 -0.12 -0.52	28.81 -0.17 -0.35	28.41 -0.17 -0.31	29.20 -0.12 -0.39	30.72 -0.09 -0.54	34.75 -0.07 -0.97	37.09 -0.04 -1.20	42.10 0.04 -1.67	47.95 0.14 -2.21	50.87 0.29 -2.49	55.88 0.37 -2.68	59.60 0.28 -2.85	67.18 0.32 -3.49	75.20 0.42 -4.18	93.72 0.53 -4.88	113.97 0.43 -5.87	96.99 0.36 -5.75	75.84 0.36 -4.19	66.96 0.19 -3.07	57.66 0.16 -2.56	46.35 0.13 -1.65	39.85 0.04 -1.21
TRIGEN___CC 323695	38.95 2.92 -3.94	38.13 2.68 -5.31	36.97 2.46 -4.50	36.90 2.32 -5.95	36.95 2.29 -6.40	36.88 2.31 -5.63	37.43 2.66 -4.51	37.61 3.22 -0.54	39.33 3.41 0.00	43.66 3.27 0.00	49.30 3.69 0.00	52.32 4.23 0.00	57.48 4.65 0.00	62.06 5.59 0.00	71.15 6.34 -1.44	77.51 6.92 0.00	103.87 9.45 -6.11	124.39 10.98 -5.75	100.15 8.91 -0.36	77.93 6.63 0.00	74.50 5.86 -4.95	63.76 5.11 -3.71	48.62 4.06 0.00	41.89 3.28 0.00

TRINITY__115KV__4 BK 55933	33.02 0.93 0.00	31.05 0.90 0.00	30.88 0.87 0.00	29.46 0.83 0.00	29.06 0.79 0.00	29.72 0.78 0.00	31.02 0.76 0.00	34.70 0.85 0.00	36.78 0.86 0.00	41.28 0.89 0.00	46.52 0.91 0.00	48.95 0.87 0.00	53.88 1.06 0.00	57.71 1.24 0.00	65.15 1.77 0.00	72.57 1.98 0.00	91.70 2.30 -1.09	99.16 3.01 11.52	91.37 2.54 2.06	73.22 1.93 0.00	65.61 1.91 0.00	56.47 1.54 0.00	45.64 1.07 0.00	39.57 0.97 0.00
UNION__PROCESSING_DRP 323587	32.41 0.32 0.00	30.11 -0.03 0.00	29.86 -0.15 0.00	28.37 -0.26 0.00	28.07 -0.20 0.00	28.82 -0.12 0.00	30.20 -0.06 0.00	33.61 -0.24 0.00	35.67 -0.25 0.00	40.39 0.00 0.00	46.20 0.59 0.00	48.76 0.67 0.00	53.51 0.69 0.00	57.15 0.68 0.00	63.44 0.06 0.00	71.51 0.92 0.00	89.28 0.97 0.00	108.31 0.65 0.00	91.61 0.73 0.00	72.30 1.00 0.00	63.63 -0.06 0.00	55.10 0.16 0.00	44.79 0.22 0.00	38.95 0.35 0.00
UPPER HUDSON__HYD 24058	34.11 2.02 0.00	32.01 1.87 0.00	31.81 1.80 0.00	30.26 1.63 0.00	29.88 1.61 0.00	30.61 1.68 0.00	32.05 1.79 0.00	35.78 1.93 0.00	38.04 2.12 0.00	42.81 2.42 0.00	47.89 2.28 0.00	50.54 2.45 0.00	55.73 2.90 0.00	59.01 2.54 0.00	66.86 3.48 0.00	74.69 4.09 0.00	94.00 4.68 -1.02	122.63 6.35 -8.62	98.87 6.63 -1.36	76.79 5.49 0.00	69.11 5.41 0.00	59.22 4.29 0.00	47.46 2.90 0.00	41.08 2.47 0.00
UPPER RAQUET__HYD 24056	30.51 -1.80 -0.21	28.66 -1.63 -0.15	28.62 -1.53 -0.14	27.27 -1.46 -0.10	26.91 -1.44 -0.09	27.62 -1.42 -0.11	29.14 -1.27 -0.15	32.60 -1.52 -0.27	34.60 -1.65 -0.33	39.03 -1.82 -0.46	44.21 -2.01 -0.61	46.42 -2.36 -0.69	50.87 -2.69 -0.74	53.98 -3.28 -0.78	58.22 -4.06 1.10	59.45 -4.73 6.41	69.29 -6.27 12.75	85.86 -7.32 14.48	79.29 -6.09 5.51	67.96 -4.49 -1.15	60.72 -3.82 -0.85	52.07 -3.57 -0.71	42.35 -2.67 -0.45	37.01 -1.93 -0.33
VALLEY44_115KV_TB2 355964	32.80 0.71 0.00	30.33 0.18 0.00	30.01 0.00 0.00	28.46 -0.17 0.00	28.15 -0.11 0.00	28.96 0.03 0.00	30.42 0.15 0.00	33.82 -0.03 0.00	35.92 0.00 0.00	40.55 0.16 0.00	46.66 1.05 0.00	49.19 1.11 0.00	53.83 1.00 0.00	57.48 1.02 0.00	63.69 0.32 0.00	72.01 1.41 0.00	89.72 1.41 0.00	107.55 -0.11 0.00	91.43 0.55 0.00	72.16 0.86 0.00	62.80 -0.89 0.00	54.72 -0.22 0.00	44.57 0.00 0.00	39.19 0.58 0.00
VALLEY__115KV_TB 1-4 80826	32.83 0.74 0.00	30.84 0.69 0.00	30.67 0.66 0.00	29.23 0.60 0.00	28.89 0.62 0.00	29.57 0.64 0.00	30.93 0.67 0.00	34.60 0.74 0.00	36.68 0.75 0.00	41.32 0.93 0.00	46.61 1.00 0.00	49.24 1.15 0.00	54.20 1.37 0.00	57.65 1.19 0.00	64.70 1.33 0.00	72.08 1.48 0.00	90.16 1.85 0.00	110.03 2.37 0.00	92.79 1.91 0.00	72.73 1.43 0.00	64.97 1.27 0.00	56.03 1.10 0.00	45.46 0.89 0.00	39.53 0.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.15 1.86 -0.20	32.03 1.75 -0.14	31.86 1.71 -0.13	30.38 1.66 -0.09	30.02 1.67 -0.08	30.77 1.74 -0.10	32.22 1.82 -0.14	36.00 1.90 -0.25	38.28 2.05 -0.31	43.25 2.42 -0.44	48.97 2.78 -0.58	51.82 3.08 -0.65	57.12 3.59 -0.70	60.60 3.39 -0.74	68.15 3.87 -0.91	75.85 4.17 -1.09	94.30 5.12 -0.87	115.31 6.35 -1.29	97.74 5.36 -1.50	76.46 4.06 -1.09	68.19 3.69 -0.80	58.73 3.13 -0.67	47.49 2.50 -0.43	41.28 2.36 -0.32
VISCHER__FERRY HYD 24020	33.63 1.54 0.00	31.59 1.45 0.00	31.42 1.41 0.00	29.97 1.35 0.00	29.60 1.33 0.00	30.24 1.30 0.00	31.56 1.30 0.00	35.41 1.56 0.00	37.39 1.47 0.00	42.01 1.62 0.00	47.34 1.73 0.00	50.01 1.93 0.00	55.05 2.22 0.00	59.01 2.54 0.00	66.60 3.23 0.00	74.19 3.60 0.00	93.67 4.24 -1.12	129.71 5.59 -16.45	98.46 4.90 -2.67	75.08 3.78 0.00	67.20 3.50 0.00	57.90 2.96 0.00	46.66 2.10 0.00	40.35 1.74 0.00
V_A_10_SYNC_DSASP 323832	31.96 -0.13 0.00	29.63 -0.51 0.00	29.35 -0.66 0.00	27.88 -0.74 0.00	27.59 -0.68 0.00	28.38 -0.55 0.00	29.69 -0.58 0.00	32.84 -1.01 0.00	35.60 -0.32 0.00	39.50 -0.89 0.00	45.29 -0.32 0.00	47.80 -0.29 0.00	52.25 -0.58 0.00	55.62 -0.85 0.00	61.73 -1.65 0.00	69.82 -0.77 0.00	87.07 -1.24 0.00	105.19 -2.47 0.00	89.25 -1.63 0.00	70.59 -0.71 0.00	61.72 -1.98 0.00	53.67 -1.26 0.00	43.72 -0.85 0.00	38.22 -0.39 0.00
V_CMM_10_SYNC_DSASP 323787	31.10 -1.00 0.00	29.27 -0.88 0.00	29.23 -0.78 0.00	27.86 -0.77 0.00	27.51 -0.76 0.00	28.15 -0.78 0.00	29.57 -0.69 0.00	33.04 -0.81 0.00	35.06 -0.86 0.00	39.46 -0.93 0.00	44.56 -1.05 0.00	46.79 -1.30 0.00	51.24 -1.58 0.00	54.61 -1.86 0.00	58.51 -2.28 2.58	58.49 -2.61 9.49	67.36 -3.27 17.68	83.49 -3.98 20.19	78.63 -3.36 8.89	68.80 -2.50 0.00	61.59 -2.10 0.00	52.96 -1.98 0.00	43.05 -1.52 0.00	37.53 -1.08 0.00
V_CMP_10_SYNC_DSASP 323788	31.61 -0.48 0.00	29.72 -0.42 0.00	29.62 -0.39 0.00	28.25 -0.37 0.00	27.87 -0.40 0.00	28.59 -0.35 0.00	30.08 -0.18 0.00	33.62 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.61 0.00 0.00	46.55 -1.54 0.00	50.35 -2.48 0.00	53.47 -2.99 0.00	57.05 -3.74 2.59	56.65 -4.45 9.50	65.04 -5.56 17.71	80.55 -6.89 20.22	76.25 -5.72 8.90	67.24 -4.06 0.00	60.25 -3.44 0.00	51.69 -3.24 0.00	42.70 -1.87 0.00	38.07 -0.54 0.00
V_D_10_SYNC_DSASP 323841	31.00 -1.09 0.00	29.18 -0.97 0.00	29.17 -0.84 0.00	27.80 -0.83 0.00	27.45 -0.82 0.00	28.09 -0.84 0.00	29.54 -0.73 0.00	32.94 -0.91 0.00	34.95 -0.97 0.00	39.38 -1.01 0.00	44.47 -1.14 0.00	46.65 -1.44 0.00	51.14 -1.69 0.00	54.44 -2.03 0.00	58.27 -2.60 2.50	58.45 -2.96 9.18	67.40 -3.79 17.11	83.61 -4.52 19.54	78.46 -3.81 8.60	68.52 -2.78 0.00	61.34 -2.36 0.00	52.74 -2.20 0.00	42.87 -1.69 0.00	37.45 -1.16 0.00
V_E_10_SYNC_DSASP 323830	35.83 3.27 -0.47	33.39 2.92 -0.33	33.05 2.73 -0.31	31.39 2.55 -0.21	31.00 2.55 -0.19	31.89 2.72 -0.23	33.65 3.06 -0.33	37.55 3.11 -0.59	39.99 3.34 -0.73	45.20 3.80 -1.01	51.46 4.52 -1.34	54.64 5.05 -1.51	60.31 5.86 -1.62	63.28 5.08 -1.72	71.07 5.58 -2.11	79.48 6.36 -2.53	99.08 8.12 -2.65	121.69 10.66 -3.37	103.81 9.45 -3.48	81.54 7.70 -2.53	72.30 6.75 -1.86	62.03 5.55 -1.55	50.02 4.46 -1.00	43.74 4.40 -0.73
V_F_30_NSYNC__DSASP 323816	34.18 2.08 0.00	32.10 1.96 0.00	31.90 1.89 0.00	30.40 1.78 0.00	30.02 1.75 0.00	30.70 1.77 0.00	32.08 1.82 0.00	35.88 2.03 0.00	38.04 2.12 0.00	42.77 2.38 0.00	48.11 2.51 0.00	50.83 2.74 0.00	55.94 3.12 0.00	59.63 3.16 0.00	67.43 4.06 0.00	75.25 4.66 0.00	94.82 5.48 -1.03	124.51 7.21 -9.64	99.04 6.63 -1.53	76.58 5.28 0.00	68.67 4.97 0.00	59.00 4.07 0.00	47.51 2.94 0.00	41.08 2.47 0.00
V_F_30_SYNC_DSASP 323786	33.18 1.09 0.00	31.20 1.06 0.00	31.00 0.99 0.00	29.57 0.94 0.00	29.20 0.93 0.00	29.83 0.90 0.00	31.17 0.91 0.00	34.87 1.02 0.00	37.00 1.08 0.00	41.52 1.13 0.00	46.79 1.19 0.00	49.24 1.15 0.00	54.20 1.37 0.00	58.05 1.58 0.00	65.53 2.15 0.00	72.99 2.40 0.00	92.22 2.83 -1.08	111.96 3.66 -0.64	94.06 3.18 0.00	73.65 2.35 0.00	65.99 2.29 0.00	56.80 1.87 0.00	45.86 1.29 0.00	39.80 1.20 0.00

V_XM10_SYNC_DSASP 323789	31.61 -0.48 0.00	29.72 -0.42 0.00	29.62 -0.39 0.00	28.25 -0.37 0.00	27.87 -0.40 0.00	28.59 -0.35 0.00	30.08 -0.18 0.00	33.62 -0.24 0.00	35.78 -0.14 0.00	40.31 -0.08 0.00	45.61 0.00 0.00	46.55 -1.54 0.00	50.35 -2.48 0.00	53.47 -2.99 0.00	57.05 -3.74 2.59	56.65 -4.45 9.50	65.04 -5.56 17.71	80.55 -6.89 20.22	76.25 -5.72 8.90	67.24 -4.06 0.00	60.25 -3.44 0.00	51.69 -3.24 0.00	42.70 -1.87 0.00	38.07 -0.54 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.34 2.25 0.00	32.22 2.08 0.00	31.87 1.86 0.00	30.43 1.80 0.00	30.02 1.75 0.00	30.73 1.79 0.00	32.29 2.03 0.00	36.26 2.40 0.00	38.51 2.59 0.00	43.18 2.79 0.00	48.53 2.92 0.00	51.21 3.13 0.00	56.37 3.54 0.00	60.65 4.18 0.00	68.19 4.82 0.00	75.96 5.37 0.00	85.19 7.33 10.45	111.87 8.51 4.30	98.11 6.91 -0.32	76.22 4.92 0.00	67.96 4.27 0.00	58.67 3.74 0.00	47.69 3.12 0.00	41.12 2.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.76 2.66 0.00	32.56 2.41 0.00	32.20 2.19 0.00	30.69 2.06 0.00	30.27 2.01 0.00	30.99 2.05 0.00	32.72 2.45 0.00	36.90 3.05 0.00	39.19 3.27 0.00	43.99 3.59 0.00	49.39 3.79 0.00	52.13 4.04 0.00	57.27 4.44 0.00	61.66 5.20 0.00	69.33 5.96 0.00	77.16 6.57 0.00	103.47 9.10 -6.06	123.82 10.44 -5.72	99.60 8.36 -0.36	77.36 6.06 0.00	68.92 5.22 0.00	59.49 4.56 0.00	48.40 3.83 0.00	41.58 2.97 0.00
W50THST__13_KV_LOAD 356117	34.98 2.89 0.00	32.74 2.59 0.00	32.38 2.37 0.00	30.86 2.23 0.00	30.44 2.18 0.00	31.19 2.26 0.00	32.96 2.69 0.00	37.17 3.32 0.00	39.51 3.59 0.00	44.39 4.00 0.00	49.85 4.24 0.00	52.61 4.52 0.00	57.79 4.97 0.00	62.23 5.76 0.00	69.96 6.59 0.00	77.93 7.34 0.00	104.44 10.07 -6.06	124.90 11.52 -5.72	100.42 9.18 -0.36	78.00 6.70 0.00	69.43 5.73 0.00	59.93 5.00 0.00	48.67 4.10 0.00	41.77 3.17 0.00
WADING RIVER_IC_1 23522	39.35 3.31 -3.95	38.49 3.04 -5.31	37.27 2.76 -4.50	37.16 2.58 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.77 3.00 -4.51	38.05 3.66 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.33 4.24 -5.48	138.42 5.00 -85.33	145.85 5.55 -87.48	161.98 6.55 -98.97	237.61 7.35 -166.89	240.12 7.90 -161.62	284.57 10.50 -185.75	263.57 12.70 -143.21	308.20 10.45 -206.88	188.15 8.20 -108.65	141.72 7.20 -70.83	138.75 6.10 -77.72	49.03 4.46 0.00	42.16 3.55 0.00
WADING RIVER_IC_2 23547	39.35 3.31 -3.95	38.49 3.04 -5.31	37.27 2.76 -4.50	37.16 2.58 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.77 3.00 -4.51	38.05 3.66 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.33 4.24 -5.48	138.42 5.00 -85.33	145.85 5.55 -87.48	161.98 6.55 -98.97	237.61 7.35 -166.89	240.12 7.90 -161.62	284.57 10.50 -185.75	263.57 12.70 -143.21	308.20 10.45 -206.88	188.15 8.20 -108.65	141.72 7.20 -70.83	138.75 6.10 -77.72	49.03 4.46 0.00	42.16 3.55 0.00
WADING RIVER_IC_3 23601	39.35 3.31 -3.95	38.49 3.04 -5.31	37.27 2.76 -4.50	37.16 2.58 -5.95	37.24 2.57 -6.40	37.28 2.72 -5.63	37.77 3.00 -4.51	38.05 3.66 -0.54	39.45 3.52 -0.01	43.82 3.43 0.00	55.33 4.24 -5.48	138.42 5.00 -85.33	145.85 5.55 -87.48	161.98 6.55 -98.97	237.61 7.35 -166.89	240.12 7.90 -161.62	284.57 10.50 -185.75	263.57 12.70 -143.21	308.20 10.45 -206.88	188.15 8.20 -108.65	141.72 7.20 -70.83	138.75 6.10 -77.72	49.03 4.46 0.00	42.16 3.55 0.00
WALDENNY_12_KV_BK2 80841	32.77 0.67 0.00	30.27 0.12 0.00	29.98 -0.03 0.00	28.46 -0.17 0.00	28.13 -0.14 0.00	28.90 -0.03 0.00	30.29 0.03 0.00	33.55 -0.30 0.00	35.53 -0.40 0.00	40.43 0.04 0.00	46.61 1.00 0.00	49.14 1.06 0.00	53.78 0.95 0.00	57.48 1.02 0.00	63.50 0.13 0.00	71.93 1.34 0.00	89.72 1.41 0.00	107.66 0.00 0.00	91.52 0.64 0.00	72.37 1.07 0.00	62.87 -0.83 0.00	54.72 -0.22 0.00	44.61 0.04 0.00	39.23 0.62 0.00
WALDEN__HYDRO 24148	34.21 2.12 0.00	32.13 1.99 0.00	31.81 1.80 0.00	30.35 1.72 0.00	29.96 1.70 0.00	30.64 1.71 0.00	32.17 1.91 0.00	35.98 2.13 0.00	38.22 2.30 0.00	42.81 2.42 0.00	48.21 2.60 0.00	50.88 2.79 0.00	56.05 3.22 0.00	60.31 3.84 0.00	67.81 4.44 0.00	75.53 4.94 0.00	93.01 6.80 2.10	115.69 7.97 -0.07	97.65 6.54 -0.23	76.08 4.78 0.00	67.83 4.14 0.00	58.56 3.63 0.00	47.55 2.99 0.00	40.96 2.36 0.00
WARRENSBURG____ 23737	34.11 2.02 0.00	32.01 1.87 0.00	31.81 1.80 0.00	30.26 1.63 0.00	29.88 1.61 0.00	30.61 1.68 0.00	32.05 1.79 0.00	35.78 1.93 0.00	38.04 2.12 0.00	42.81 2.42 0.00	47.89 2.28 0.00	50.54 2.45 0.00	55.73 2.90 0.00	59.01 2.54 0.00	66.86 3.48 0.00	74.69 4.09 0.00	94.00 4.68 -1.02	122.63 6.35 -8.62	98.87 6.63 -1.36	76.79 5.49 0.00	69.11 5.41 0.00	59.22 4.29 0.00	47.46 2.90 0.00	41.08 2.47 0.00
WATERSIDE____6 8 9 23538	34.85 2.76 0.00	32.62 2.47 0.00	32.26 2.25 0.00	30.72 2.09 0.00	30.30 2.04 0.00	30.93 2.00 0.00	32.68 2.42 0.00	36.90 3.05 0.00	39.25 3.34 0.01	43.98 3.59 0.01	49.25 3.65 0.01	51.93 3.85 0.00	56.95 4.12 0.00	61.32 4.86 0.01	68.76 5.39 0.00	76.52 5.93 0.00	102.85 8.48 -6.06	123.07 9.69 -5.72	98.96 7.72 -0.36	76.79 5.49 0.00	68.40 4.71 0.01	59.16 4.23 0.01	48.39 3.83 0.01	40.69 3.17 1.09
WATKINRD_115KV_LN8_ILLION 55919	32.64 0.55 0.00	30.66 0.51 0.00	30.49 0.48 0.00	29.09 0.46 0.00	28.75 0.48 0.00	29.43 0.49 0.00	30.78 0.51 0.00	34.39 0.54 0.00	36.50 0.57 0.00	41.04 0.65 0.00	46.34 0.73 0.00	48.90 0.82 0.00	53.83 1.00 0.00	57.37 0.90 0.00	64.39 1.01 0.00	71.72 1.13 0.00	89.72 1.41 0.00	109.60 1.94 0.00	92.43 1.54 0.00	72.51 1.21 0.00	64.78 1.08 0.00	55.81 0.88 0.00	45.28 0.71 0.00	39.30 0.69 0.00
WATSON__69_KV_BK 1 55734	39.89 3.85 -3.94	39.01 3.56 -5.31	37.78 3.27 -4.50	37.64 3.06 -5.95	37.72 3.05 -6.40	37.69 3.12 -5.63	38.25 3.48 -4.51	38.56 4.16 -0.54	40.31 4.38 -0.01	44.43 4.04 0.00	60.58 4.93 -10.05	96.79 5.58 -43.12	103.27 6.23 -44.20	113.65 7.17 -50.01	156.53 8.11 -85.04	161.23 8.97 -81.67	197.30 12.10 -96.89	197.30 14.43 -75.21	207.41 11.81 -104.72	135.40 9.20 -54.90	109.96 8.03 -38.24	102.86 6.81 -41.11	49.80 5.21 -0.02	42.87 4.25 -0.02
WDELAWARE__HYD 323627	33.44 1.35 0.00	31.44 1.30 0.00	31.12 1.11 0.00	29.69 1.06 0.00	29.31 1.05 0.00	30.01 1.07 0.00	31.44 1.18 0.00	35.00 1.15 0.00	37.07 1.15 0.00	41.68 1.29 0.00	46.93 1.32 0.00	49.63 1.54 0.00	54.78 1.96 0.00	57.15 0.68 0.00	64.26 0.89 0.00	71.53 0.99 0.05	88.74 1.94 1.51	109.17 2.37 0.86	92.70 1.82 0.00	72.44 1.14 0.00	64.52 0.83 0.00	57.19 2.25 0.00	46.53 1.96 0.00	40.07 1.47 0.00
WEST BABYLON__IC 23714	39.72 3.69 -3.94	38.83 3.38 -5.31	37.63 3.12 -4.50	37.50 2.92 -5.95	37.55 2.88 -6.40	37.52 2.95 -5.63	38.10 3.33 -4.51	38.35 3.96 -0.54	40.09 4.17 0.00	44.19 3.80 0.00	54.53 4.52 -4.41	63.79 5.19 -10.51	69.36 5.76 -10.77	75.38 6.72 -12.19	92.79 7.60 -21.81	98.90 8.40 -19.90	128.03 11.48 -28.24	143.90 13.57 -22.67	127.76 11.09 -25.79	93.24 8.56 -13.38	84.27 7.52 -13.06	74.13 6.37 -12.83	49.48 4.90 -0.01	42.59 3.98 -0.01

WEST CANADA___HYD 24049	32.38 0.29 0.00	30.42 0.27 0.00	30.28 0.27 0.00	28.88 0.26 0.00	28.52 0.25 0.00	29.19 0.26 0.00	30.50 0.24 0.00	34.16 0.30 0.00	36.21 0.29 0.00	40.71 0.32 0.00	45.97 0.36 0.00	48.52 0.43 0.00	53.30 0.47 0.00	56.98 0.51 0.00	64.14 0.63 -0.13	71.79 0.71 -0.49	90.01 0.79 -0.91	109.77 1.08 -1.04	92.25 0.91 -0.46	72.01 0.71 0.00	64.33 0.64 0.00	55.48 0.55 0.00	44.97 0.40 0.00	38.95 0.35 0.00
WESTERN_NY_WIND 24143	32.96 0.87 0.00	30.48 0.33 0.00	30.19 0.18 0.00	28.63 0.00 0.00	28.35 0.08 0.00	29.14 0.20 0.00	30.54 0.27 0.00	33.85 0.00 0.00	35.78 -0.14 0.00	40.63 0.24 0.00	46.66 1.05 0.00	49.19 1.11 0.00	53.88 1.06 0.00	57.54 1.07 0.00	63.69 0.32 0.00	72.08 1.48 0.00	89.99 1.68 0.00	108.95 1.29 0.00	92.52 1.64 0.00	73.30 2.00 0.00	63.95 0.25 0.00	55.54 0.60 0.00	45.19 0.62 0.00	39.53 0.93 0.00
WESTOVER___LESR 323668	33.41 0.87 -0.45	31.12 0.66 -0.31	30.88 0.57 -0.30	29.35 0.52 -0.20	28.96 0.51 -0.18	29.74 0.58 -0.22	31.22 0.64 -0.32	35.13 0.71 -0.56	37.48 0.86 -0.70	42.45 1.09 -0.97	48.31 1.41 -1.29	51.13 1.59 -1.45	56.13 1.74 -1.56	59.88 1.75 -1.66	67.25 1.84 -2.03	75.29 2.26 -2.44	93.65 2.83 -2.51	114.01 3.12 -3.23	96.96 2.73 -3.35	75.95 2.21 -2.44	67.27 1.78 -1.79	58.02 1.59 -1.49	46.86 1.34 -0.96	40.47 1.16 -0.70
WETHRSFD_WT_PWR 323626	32.73 0.64 0.00	30.30 0.15 0.00	30.04 0.03 0.00	28.51 -0.11 0.00	28.18 -0.08 0.00	29.02 0.09 0.00	30.35 0.09 0.00	33.68 -0.17 0.00	36.46 0.54 0.00	40.55 0.16 0.00	46.47 0.86 0.00	49.05 0.96 0.00	53.67 0.84 0.00	57.15 0.68 0.00	63.37 0.00 0.00	71.58 0.99 0.00	89.19 0.88 0.00	107.55 -0.11 0.00	91.43 0.55 0.00	72.22 0.92 0.00	63.25 -0.44 0.00	55.05 0.11 0.00	44.88 0.31 0.00	39.22 0.62 0.00
WHAVSTOR_138KV_BK127 55557	34.18 2.09 0.00	32.07 1.93 0.00	31.75 1.74 0.00	30.32 1.69 0.00	29.91 1.64 0.00	30.58 1.65 0.00	32.14 1.88 0.00	36.12 2.27 0.00	38.36 2.44 0.00	43.02 2.63 0.00	48.30 2.69 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.36 3.90 0.00	67.87 4.50 0.00	75.53 4.94 0.00	84.48 6.80 10.63	111.12 7.86 4.40	97.56 6.36 -0.32	75.86 4.56 0.00	67.64 3.95 0.00	58.45 3.52 0.00	47.46 2.90 0.00	40.92 2.32 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.18 2.09 0.00	32.07 1.93 0.00	31.75 1.74 0.00	30.32 1.69 0.00	29.91 1.64 0.00	30.58 1.65 0.00	32.14 1.88 0.00	36.12 2.27 0.00	38.36 2.44 0.00	43.02 2.63 0.00	48.30 2.69 0.00	50.97 2.89 0.00	56.05 3.22 0.00	60.36 3.90 0.00	67.87 4.50 0.00	75.53 4.94 0.00	84.48 6.80 10.63	111.12 7.86 4.40	97.56 6.36 -0.32	75.86 4.56 0.00	67.64 3.95 0.00	58.45 3.52 0.00	47.46 2.90 0.00	40.92 2.32 0.00
WHITEHAL_115KV_TB1 80871	35.20 3.11 0.00	32.98 2.83 0.00	32.74 2.73 0.00	31.12 2.49 0.00	30.73 2.46 0.00	31.48 2.55 0.00	32.99 2.72 0.00	36.76 2.91 0.00	39.15 3.23 0.00	44.03 3.64 0.00	49.39 3.79 0.00	52.08 3.99 0.00	57.42 4.60 0.00	60.70 4.24 0.00	69.01 5.64 0.00	77.16 6.57 0.00	97.02 7.68 -1.02	126.93 10.23 -9.04	102.40 10.09 -1.43	79.71 8.41 0.00	71.72 8.03 0.00	61.25 6.32 0.00	48.94 4.37 0.00	42.43 3.82 0.00
WHITEPLN_13_KV_LOAD 356215	34.92 2.82 0.00	32.74 2.59 0.00	32.38 2.37 0.00	30.83 2.20 0.00	30.47 2.20 0.00	31.16 2.23 0.00	32.87 2.60 0.00	37.20 3.35 0.00	39.55 3.63 0.00	44.43 4.04 0.00	49.99 4.38 0.00	52.80 4.71 0.00	58.00 5.18 0.00	62.79 6.32 0.00	70.60 7.22 0.00	78.64 8.05 0.00	105.55 10.77 -6.46	126.31 12.70 -5.95	101.69 10.45 -0.36	78.93 7.63 0.00	70.32 6.62 0.00	60.48 5.55 0.00	49.02 4.46 0.00	41.93 3.32 0.00
WM_FLOYD_69_KV_BK2 356380	39.64 3.59 -3.95	38.77 3.32 -5.31	37.54 3.03 -4.50	37.42 2.83 -5.95	37.49 2.83 -6.40	37.46 2.89 -5.63	38.04 3.27 -4.51	38.32 3.93 -0.54	40.06 4.13 -0.01	44.11 3.72 0.00	55.84 4.70 -5.54	140.47 5.34 -87.04	147.98 5.92 -89.23	164.37 6.95 -100.95	241.38 7.80 -170.21	243.93 8.47 -164.87	289.15 11.48 -189.36	267.30 13.67 -145.97	313.08 11.18 -211.02	190.90 8.77 -110.83	143.55 7.71 -72.15	140.67 6.54 -79.20	49.39 4.81 0.00	42.51 3.90 0.00
WOODARD___115KV_TB2 355635	32.90 0.00 -0.81	30.59 -0.12 -0.56	30.40 -0.15 -0.54	28.82 -0.17 -0.37	28.42 -0.17 -0.32	29.19 -0.14 -0.40	30.71 -0.12 -0.57	34.76 -0.10 -1.01	37.11 -0.07 -1.26	42.14 0.00 -1.75	48.06 0.14 -2.31	50.94 0.24 -2.61	55.95 0.32 -2.81	59.68 0.23 -2.98	67.28 0.25 -3.66	75.33 0.35 -4.38	93.78 0.35 -5.12	114.14 0.32 -6.15	97.17 0.27 -6.02	75.97 0.29 -4.39	67.04 0.13 -3.22	57.73 0.11 -2.68	46.43 0.13 -1.72	39.87 0.00 -1.27
YORK___WARBASSE 23770	35.08 2.98 -0.01	32.84 2.68 -0.01	32.45 2.43 -0.01	30.92 2.29 0.00	30.50 2.23 0.00	31.08 2.14 0.00	32.84 2.57 0.00	37.10 3.25 0.00	45.61 3.56 -6.13	44.32 3.88 -0.06	49.63 3.97 -0.06	52.22 4.14 0.00	57.27 4.44 0.00	61.83 5.31 -0.06	68.89 5.51 0.00	76.81 6.21 0.00	103.29 8.92 -6.06	123.60 10.23 -5.72	99.51 8.27 -0.36	77.08 5.78 0.00	68.66 4.97 0.01	62.94 4.67 -3.34	70.41 4.19 -21.65	57.69 3.44 -15.65