

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										08/01/2024	
Generator Data		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
Name	PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
59TH STREET_GT_1	24138	36.23	32.59	30.83	30.17	30.25	31.31	33.27	37.11	38.89	40.26	43.81	47.81	52.31	61.23	65.57	80.93	108.03	123.43	108.75	83.49	66.88	57.21	46.79	40.78		
		2.56	2.25	2.07	2.00	2.06	2.05	2.32	2.75	3.01	3.66	3.87	4.11	4.40	5.21	5.25	7.42	9.87	11.28	8.06	5.27	3.55	3.72	3.39	2.88		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-1.62	-9.14	-8.90	-6.04	-3.23	0.00	0.00		
74TH STREET_GT_1	24260	36.26	32.62	30.89	30.17	30.28	31.31	33.27	37.11	38.89	40.22	43.69	47.68	52.12	61.00	65.33	80.56	107.74	123.09	108.57	83.49	66.88	57.26	46.79	40.89		
		2.59	2.28	2.13	2.00	2.09	2.05	2.32	2.75	3.01	3.62	3.75	3.98	4.22	4.99	5.01	7.06	9.58	10.94	7.87	5.27	3.55	3.77	3.39	2.99		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-1.62	-9.14	-8.90	-6.04	-3.23	0.00	0.00		
74TH STREET_GT_2	24261	36.26	32.62	30.89	30.17	30.28	31.31	33.27	37.11	38.89	40.22	43.69	47.68	52.12	61.00	65.33	80.56	107.74	123.09	108.57	83.49	66.88	57.26	46.79	40.89		
		2.59	2.28	2.13	2.00	2.09	2.05	2.32	2.75	3.01	3.62	3.75	3.98	4.22	4.99	5.01	7.06	9.58	10.94	7.87	5.27	3.55	3.77	3.39	2.99		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-1.62	-9.14	-8.90	-6.04	-3.23	0.00	0.00		
ADK HUDSON___FALLS	24011	35.99	32.41	30.69	30.00	30.03	31.13	32.96	36.70	38.28	39.20	42.45	46.72	51.21	59.77	65.15	79.84	108.27	134.28	199.85	172.80	128.56	90.70	47.49	41.01		
		2.32	2.06	1.93	1.83	1.83	1.87	2.01	2.34	2.40	2.60	2.52	3.02	3.31	3.75	4.83	6.32	8.70	11.16	9.80	7.49	6.36	5.43	4.08	3.11		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.79	-12.60	-98.50	-95.99	-64.91	-35.01	0.00	0.00		
ADK RESOURCE___RCVRY	23798	36.20	32.56	30.80	30.14	30.14	31.28	33.12	36.91	38.53	39.38	42.69	47.02	51.65	60.22	65.64	80.51	109.01	135.11	200.89	173.64	129.45	91.43	47.84	41.27		
		2.53	2.21	2.04	1.97	1.94	2.02	2.17	2.54	2.65	2.78	2.75	3.32	3.74	4.20	5.31	6.99	9.48	12.27	10.80	8.25	6.99	5.98	4.43	3.37		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.75	-12.32	-98.54	-96.07	-65.17	-35.19	0.00	0.00		
ADK S GLENS___FALLS	24028	35.99	32.41	30.69	30.00	30.03	31.13	32.96	36.70	38.28	39.20	42.45	46.72	51.21	59.77	65.15	79.84	108.27	134.28	199.85	172.80	128.56	90.70	47.49	41.01		
		2.32	2.06	1.93	1.83	1.83	1.87	2.01	2.34	2.40	2.60	2.52	3.02	3.31	3.75	4.83	6.32	8.70	11.16	9.80	7.49	6.36	5.43	4.08	3.11		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.79	-12.60	-98.50	-95.99	-64.91	-35.01	0.00	0.00		
ADK_NYS___DAM	23527	35.59	32.07	30.40	29.83	29.86	30.90	32.68	36.25	37.71	38.54	41.93	45.80	50.16	58.98	64.13	78.67	107.08	136.01	181.89	154.73	110.46	79.22	46.14	40.10		
		1.92	1.73	1.64	1.66	1.66	1.64	1.73	1.89	1.83	1.94	2.00	2.10	2.25	2.97	3.80	5.14	6.84	7.96	6.31	4.57	3.55	3.22	2.74	2.20		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-2.47	-17.52	-84.02	-80.83	-49.61	-25.73	0.00	0.00		
AIR_PRODUCTS___DRP	24190	34.21	30.86	29.28	28.71	28.76	29.73	31.48	34.91	36.38	37.26	40.57	44.36	48.29	56.58	61.29	75.03	96.20	91.77	109.71	89.80	87.25	70.21	44.32	38.62		
		0.54	0.52	0.52	0.54	0.56	0.47	0.53	0.55	0.50	0.66	0.64	0.66	0.38	0.56	0.97	1.54	2.15	2.87	1.92	1.25	0.74	0.90	0.91	0.72		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.73	21.63	-16.23	-19.23	-29.21	-19.04	0.00	0.00		
AKWESSNE_115KV_BK	355683	33.03	29.80	28.27	27.72	27.74	28.79	30.55	33.88	35.41	35.65	38.86	42.48	46.57	54.17	58.21	70.63	58.87	83.26	58.90	66.40	55.12	48.60	42.06	36.99		
		-0.64	-0.55	-0.49	-0.45	-0.45	-0.47	-0.40	-0.48	-0.47	-0.95	-1.08	-1.22	-1.34	-1.85	-2.11	-2.87	-3.81	-4.20	-3.75	-2.91	-2.18	-1.66	-1.35	-0.91		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	35.09	23.06	28.90	0.01	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	34.78	31.40	29.77	29.18	29.21	30.26	31.94	35.39	36.81	37.59	40.85	44.67	47.76	55.91	60.57	74.30	95.91	93.51	101.37	81.19	79.65	65.74	45.36	39.53		
		1.11	1.06	1.01	1.01	1.01	1.00	0.99	1.03	0.93	0.99	0.92	0.96	-0.14	-0.11	0.24	0.81	1.47	2.65	2.19	1.46	1.15	1.16	1.96	1.63		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.33	19.66	-7.62	-10.41	-21.21	-14.32	0.00	0.00		
ALBANY_2_SOLAR	323834	34.78	31.38	29.77	29.18	29.21	30.23	31.94	35.39	36.81	37.55	40.85	44.67	47.72	55.91	60.57	74.30	95.82	93.44	101.31	81.22	79.59	65.68	45.36	39.49		
		1.11	1.03	1.01	1.01	1.01	0.96	0.99	1.03	0.93	0.95	0.92	0.96	-0.19	-0.11	0.24	0.81	1.37	2.54	2.11	1.46	1.09	1.10	1.96	1.59		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.32	19.63	-7.65	-10.44	-21.21	-14.32	0.00	0.00		
ALBANY___1	23571	34.21	30.86	29.28	28.71	28.76	29.73	31.48	34.91	36.38	37.26	40.57	44.36	48.29	56.58	61.29	75.03	96.20	91.77	109.71	89.80	87.25	70.21	44.32	38.62		
		0.54	0.52	0.52	0.54	0.56	0.47	0.53	0.55	0.50	0.66	0.64	0.66	0.38	0.56	0.97	1.54	2.15	2.87	1.92	1.25	0.74	0.90	0.91	0.72		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	3.73	21.63	-16.23	-19.23	-29.21	-19.04	0.00	0.00		

ALBANY___2 23572	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.71 0.54 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.91 0.55 0.00	36.38 0.50 0.00	37.26 0.66 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.29 0.38 0.00	56.58 0.56 0.00	61.29 0.97 0.00	75.03 1.54 0.02	96.20 2.15 3.73	91.77 2.87 21.63	109.71 1.92 -16.23	89.80 1.25 -19.23	87.25 0.74 -29.21	70.21 0.90 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
ALBANY___3 23573	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.71 0.54 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.91 0.55 0.00	36.38 0.50 0.00	37.26 0.66 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.29 0.38 0.00	56.58 0.56 0.00	61.29 0.97 0.00	75.03 1.54 0.02	96.20 2.15 3.73	91.77 2.87 21.63	109.71 1.92 -16.23	89.80 1.25 -19.23	87.25 0.74 -29.21	70.21 0.90 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
ALBANY___4 23574	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.71 0.54 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.91 0.55 0.00	36.38 0.50 0.00	37.26 0.66 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.29 0.38 0.00	56.58 0.56 0.00	61.29 0.97 0.00	75.03 1.54 0.02	96.20 2.15 3.73	91.77 2.87 21.63	109.71 1.92 -16.23	89.80 1.25 -19.23	87.25 0.74 -29.21	70.21 0.90 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
ALBANY___LFGE 323615	34.61 0.94 0.00	31.22 0.88 0.00	29.59 0.83 0.00	29.01 0.84 0.00	29.04 0.85 0.00	30.05 0.79 0.00	31.82 0.87 0.00	35.29 0.93 0.00	36.81 0.93 0.00	37.70 1.10 0.00	41.09 1.16 0.00	45.01 1.31 0.00	49.06 1.15 0.00	57.53 1.51 0.00	62.31 1.99 0.00	76.30 2.79 0.00	101.58 3.81 0.00	116.74 4.75 -1.46	153.59 3.48 -58.56	129.65 2.43 -57.90	102.25 1.78 -43.18	76.08 1.71 -24.11	44.93 1.52 0.00	39.11 1.21 0.00
ALCOA_PA_115KV_PL-6C 55860	33.16 -0.51 0.00	29.92 -0.42 0.00	28.42 -0.35 0.00	27.83 -0.34 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.67 -0.28 0.00	33.99 -0.38 0.00	35.52 -0.36 0.00	35.76 -0.84 0.00	38.90 -1.04 0.00	42.52 -1.18 0.00	46.61 -1.29 0.00	54.22 -1.79 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	59.53 -4.30 33.95	83.46 -4.75 22.31	59.29 -4.30 27.96	66.06 -3.26 0.01	54.94 -2.35 0.00	48.45 -1.81 0.00	41.89 -1.52 0.00	37.14 -0.76 0.00
ALCOA_RYNLDS___DRP 24188	33.16 -0.51 0.00	29.92 -0.42 0.00	28.42 -0.35 0.00	27.83 -0.34 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.67 -0.28 0.00	33.99 -0.38 0.00	35.52 -0.36 0.00	35.76 -0.84 0.00	38.90 -1.04 0.00	42.52 -1.18 0.00	46.61 -1.29 0.00	54.22 -1.79 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	59.53 -4.30 33.95	83.46 -4.75 22.31	59.29 -4.30 27.96	66.06 -3.26 0.01	54.94 -2.35 0.00	48.45 -1.81 0.00	41.89 -1.52 0.00	37.14 -0.76 0.00
ALCOA___DSASP 323711	33.16 -0.50 0.00	29.92 -0.42 0.00	28.42 -0.34 0.00	27.83 -0.34 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.67 -0.28 0.00	33.99 -0.38 0.00	35.52 -0.36 0.00	35.76 -0.84 0.00	38.90 -1.04 0.00	42.53 -1.18 0.00	46.52 -1.39 0.00	54.17 -1.85 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	59.43 -4.40 33.95	83.47 -4.75 22.31	59.29 -4.30 27.96	66.06 -3.26 0.01	54.94 -2.35 0.00	48.40 -1.86 0.00	41.89 -1.52 0.00	37.14 -0.76 0.00
ALLEGHENY___COGEN 23514	35.89 2.22 0.00	31.89 1.55 0.00	30.02 1.26 0.00	29.18 1.01 0.00	29.10 0.90 0.00	30.55 1.29 0.00	32.01 1.05 0.00	35.60 1.24 0.00	36.99 1.11 0.00	37.84 1.25 0.00	40.42 0.48 0.00	44.32 0.61 0.00	49.20 1.29 0.00	53.33 -2.69 0.00	57.43 -2.89 0.00	69.46 -4.04 0.00	91.32 -6.46 0.00	102.78 -7.74 0.00	87.98 -3.57 0.00	69.74 0.42 0.00	58.84 1.55 0.00	53.83 3.57 0.00	46.06 2.65 0.00	40.10 2.20 0.00
ALTAMONT_115KV_TB 2 55880	34.58 0.91 0.00	31.19 0.85 0.00	29.59 0.83 0.00	29.02 0.85 0.00	29.04 0.85 0.00	30.08 0.82 0.00	31.82 0.87 0.00	35.29 0.93 0.00	36.77 0.90 0.00	37.66 1.06 0.00	41.01 1.08 0.00	44.84 1.14 0.00	48.91 1.01 0.00	57.25 1.23 0.00	61.89 1.57 0.00	75.70 2.21 0.01	98.83 3.03 1.98	102.89 3.76 11.39	115.25 2.84 -20.86	93.68 2.01 -22.35	83.56 1.49 -24.78	67.05 1.46 -15.33	44.80 1.39 0.00	39.04 1.14 0.00
ALTONA_WT_PWR 323606	33.20 -0.47 0.00	29.95 -0.40 0.00	28.47 -0.29 0.00	27.92 -0.25 0.00	27.97 -0.23 0.00	29.35 0.09 0.00	31.35 0.40 0.00	34.23 -0.14 0.00	35.91 0.04 0.00	36.16 -0.44 0.00	39.50 -0.44 0.00	43.14 -0.57 0.00	46.37 -1.53 0.00	52.60 -3.42 0.00	56.59 -3.74 0.00	68.35 -5.15 0.01	56.61 -6.46 34.71	80.97 -6.75 22.81	56.99 -5.95 28.61	64.74 -4.58 0.01	54.20 -3.09 0.00	48.05 -2.21 0.00	42.93 -0.48 0.00	37.64 -0.26 0.00
AMERICAN_REF_FUEL 24010	33.57 -0.10 0.00	29.61 -0.73 0.00	28.04 -0.72 0.00	27.21 -0.96 0.00	27.09 -1.10 0.00	28.44 -0.82 0.00	29.44 -1.52 0.00	32.72 -1.65 0.00	34.80 -1.08 0.00	35.90 -0.70 0.00	40.14 0.20 0.00	44.27 0.57 0.00	49.34 1.44 0.00	57.64 1.63 0.00	61.71 1.39 0.00	72.48 -1.03 0.00	95.43 -2.35 0.00	105.66 -4.86 0.00	91.19 -0.36 0.00	71.12 1.80 0.00	59.93 2.64 0.00	50.36 0.10 0.00	43.67 0.26 0.00	38.66 0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.92 1.25 0.00	30.80 0.46 0.00	29.11 0.35 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.58 0.32 0.00	30.92 -0.03 0.00	34.71 0.34 0.00	36.77 0.90 0.00	38.14 1.54 0.00	42.57 2.64 0.00	46.85 3.15 0.00	52.31 4.40 0.00	61.28 5.26 0.00	65.69 5.37 0.00	77.55 4.04 0.00	102.47 4.69 0.00	113.29 2.76 0.00	97.50 5.95 0.00	75.56 6.24 0.00	63.43 6.13 0.00	53.33 3.07 0.00	46.01 2.60 0.00	40.44 2.54 0.00
ARTHUR KILL_GT_1 23520	36.23 2.56 -0.01	32.63 2.28 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.26 2.06 -0.01	31.34 2.08 0.00	33.24 2.29 0.00	36.98 2.61 -0.01	38.60 2.73 0.00	39.77 3.18 0.01	41.00 3.35 2.29	42.63 3.54 4.62	43.58 3.64 7.96	45.25 4.48 15.25	45.29 4.22 19.26	61.23 6.10 18.38	84.33 8.31 21.75	99.60 9.61 20.53	85.18 6.77 13.15	60.19 4.37 13.50	42.74 2.86 17.42	42.63 3.17 10.80	41.64 3.04 4.80	40.82 2.92 0.00
ARTHUR_KILL_2 23512	36.10 2.43 -0.01	32.51 2.15 -0.01	30.75 1.98 -0.01	30.09 1.92 -0.01	30.17 1.97 -0.01	31.22 1.96 0.00	33.12 2.17 0.00	36.88 2.51 -0.01	38.46 2.58 0.00	39.63 3.04 0.01	40.80 3.15 2.29	42.41 3.32 4.62	43.39 3.45 7.96	44.97 4.20 15.25	44.93 3.86 19.26	60.79 5.66 18.38	83.75 7.72 21.75	98.94 8.95 20.53	84.63 6.23 13.15	59.77 3.95 13.50	42.46 2.58 17.42	42.37 2.91 10.80	41.42 2.82 4.80	40.63 2.73 0.00
ARTHUR_KILL_3 23513	35.79 2.12 0.00	32.23 1.88 0.00	30.46 1.70 0.00	29.80 1.63 0.00	29.89 1.69 0.00	30.90 1.64 0.00	32.87 1.92 0.00	36.63 2.27 0.00	38.39 2.51 0.00	39.71 3.11 0.00	40.73 3.08 2.28	42.33 3.23 4.61	43.35 3.40 7.96	44.92 4.15 15.24	45.05 3.98 19.25	61.02 5.88 18.37	83.95 7.92 21.74	99.17 9.17 20.53	84.72 6.31 13.14	59.92 4.09 13.49	42.52 2.64 17.41	42.33 2.86 10.79	41.26 2.65 4.80	40.20 2.31 0.01

ARTHUR_KILL_COGEN 323718	36.23 2.56 -0.01	32.63 2.28 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.26 2.06 -0.01	31.34 2.08 0.00	33.24 2.29 0.00	36.98 2.61 -0.01	38.60 2.73 0.00	39.77 3.18 0.01	41.00 3.35 2.29	42.63 3.54 4.62	43.58 3.64 7.96	45.25 4.48 15.25	45.29 4.22 19.26	61.23 6.10 18.38	84.33 8.31 21.75	99.60 9.61 20.53	85.18 6.77 13.15	60.19 4.37 13.50	42.74 2.86 17.42	42.63 3.17 10.80	41.64 3.04 4.80	40.82 2.92 0.00
ASHOKAN____ 23654	35.83 2.16 0.00	32.19 1.85 0.00	30.52 1.75 0.00	29.86 1.69 0.00	29.94 1.75 0.00	30.87 1.61 0.00	32.65 1.70 0.00	35.91 1.55 0.00	37.53 1.65 0.00	38.28 1.68 0.00	41.77 1.84 0.00	45.58 1.88 0.00	49.54 1.63 0.00	58.26 2.24 0.00	63.28 2.96 0.00	78.35 4.85 0.01	104.57 8.99 2.19	108.26 10.94 13.21	106.56 9.07 -5.94	81.80 4.65 -7.84	74.40 2.12 -14.98	61.88 1.56 -10.06	46.44 3.04 0.00	40.29 2.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.20 2.53 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.15 1.97 -0.01	30.26 2.06 -0.01	31.32 2.05 -0.01	33.34 2.38 0.00	37.09 2.71 -0.01	38.64 2.76 0.00	39.89 3.30 0.00	43.41 3.47 -0.01	47.30 3.58 -0.01	51.55 3.64 -0.01	60.51 4.48 -0.01	64.62 4.28 -0.01	79.69 6.18 -0.01	106.57 8.41 -0.39	121.77 9.61 -1.63	107.48 6.77 -9.15	82.74 4.50 -8.91	66.26 2.92 -6.05	56.66 3.17 -3.23	46.50 3.08 -0.01	40.71 2.80 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.20 2.53 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.15 1.97 -0.01	30.26 2.06 -0.01	31.32 2.05 -0.01	33.34 2.38 0.00	37.09 2.71 -0.01	38.64 2.76 0.00	39.89 3.30 0.00	43.41 3.47 -0.01	47.30 3.58 -0.01	51.55 3.64 -0.01	60.51 4.48 -0.01	64.62 4.28 -0.01	79.69 6.18 -0.01	106.57 8.41 -0.39	121.77 9.61 -1.63	107.48 6.77 -9.15	82.74 4.50 -8.91	66.26 2.92 -6.05	56.66 3.17 -3.23	46.50 3.08 -0.01	40.71 2.80 -0.01
ASTORIA_GT2_1 24094	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT2_2 24095	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT2_3 24096	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT2_4 24097	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT3_1 24098	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT3_2 24099	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT3_3 24100	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT3_4 24101	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT4_1 24102	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT4_2 24103	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT4_3 24104	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01

ASTORIA_GT4_4 24105	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.12 2.75 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.34 3.63 -0.01	51.56 3.64 -0.01	60.45 4.43 -0.01	64.60 4.28 0.01	79.69 6.17 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.58 -8.91	66.26 2.92 -6.05	56.76 3.27 -3.23	46.54 3.13 -0.01	40.83 2.92 -0.01
ASTORIA_GT_1 23523	36.31 2.63 -0.01	32.72 2.37 -0.01	30.93 2.16 -0.01	30.23 2.06 -0.01	30.32 2.12 -0.01	31.40 2.13 -0.01	33.43 2.48 0.00	37.19 2.82 -0.01	38.75 2.87 0.00	40.00 3.40 0.00	43.54 3.60 -0.01	47.47 3.76 -0.01	51.75 3.83 -0.01	60.73 4.71 -0.01	64.86 4.53 -0.01	79.99 6.47 -0.01	106.97 8.80 -0.39	122.21 10.06 -1.63	107.85 7.15 -9.15	83.01 4.78 -8.91	66.49 3.15 -6.05	56.81 3.32 -3.23	46.67 3.26 -0.01	40.87 2.96 -0.01
ASTORIA_GT_10 24110	36.09 2.42 0.00	32.47 2.12 0.00	30.74 1.98 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.16 3.45 0.00	51.36 3.45 0.00	56.42 4.09 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.91 6.23 -9.14	75.86 4.09 -2.45	55.79 2.58 4.08	51.74 2.97 1.48	46.32 2.91 0.00	40.67 2.77 0.00
ASTORIA_GT_11 24225	36.09 2.42 0.00	32.47 2.12 0.00	30.74 1.98 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.16 3.45 0.00	51.36 3.45 0.00	56.42 4.09 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.91 6.23 -9.14	75.86 4.09 -2.45	55.79 2.58 4.08	51.74 2.97 1.48	46.32 2.91 0.00	40.67 2.77 0.00
ASTORIA_GT_12 24226	36.09 2.42 0.00	32.47 2.12 0.00	30.74 1.98 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.16 3.45 0.00	51.36 3.45 0.00	56.42 4.09 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.91 6.23 -9.14	75.86 4.09 -2.45	55.79 2.58 4.08	51.74 2.97 1.48	46.32 2.91 0.00	40.67 2.77 0.00
ASTORIA_GT_13 24227	36.09 2.42 0.00	32.47 2.12 0.00	30.74 1.98 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.16 3.45 0.00	51.36 3.45 0.00	56.42 4.09 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.91 6.23 -9.14	75.86 4.09 -2.45	55.79 2.58 4.08	51.74 2.97 1.48	46.32 2.91 0.00	40.67 2.77 0.00
ASTORIA_GT_5 24106	36.34 2.66 -0.01	32.72 2.37 -0.01	30.95 2.19 -0.01	30.23 2.06 -0.01	30.32 2.11 -0.01	31.40 2.14 -0.01	33.43 2.48 0.00	37.19 2.82 -0.01	38.75 2.87 0.00	40.00 3.40 0.00	43.53 3.59 0.00	47.47 3.76 -0.01	51.70 3.78 -0.01	60.62 4.59 -0.01	64.84 4.52 0.01	79.98 6.47 -0.01	106.96 8.80 -0.39	122.21 10.06 -1.63	107.84 7.14 -9.15	83.09 4.85 -8.91	66.49 3.15 -6.05	56.91 3.42 -3.23	46.67 3.26 -0.01	40.90 2.99 -0.01
ASTORIA_GT_7 24107	36.34 2.66 -0.01	32.72 2.37 -0.01	30.95 2.19 -0.01	30.23 2.06 -0.01	30.32 2.11 -0.01	31.40 2.14 -0.01	33.43 2.48 0.00	37.19 2.82 -0.01	38.75 2.87 0.00	40.00 3.40 0.00	43.53 3.59 0.00	47.47 3.76 -0.01	51.70 3.78 -0.01	60.62 4.59 -0.01	64.84 4.52 0.01	79.98 6.47 -0.01	106.96 8.80 -0.39	122.21 10.06 -1.63	107.84 7.14 -9.15	83.09 4.85 -8.91	66.49 3.15 -6.05	56.91 3.42 -3.23	46.67 3.26 -0.01	40.90 2.99 -0.01
ASTORIA_GT_8 24108	36.34 2.66 -0.01	32.72 2.37 -0.01	30.95 2.19 -0.01	30.23 2.06 -0.01	30.32 2.11 -0.01	31.40 2.14 -0.01	33.43 2.48 0.00	37.19 2.82 -0.01	38.75 2.87 0.00	40.00 3.40 0.00	43.53 3.59 0.00	47.47 3.76 -0.01	51.70 3.78 -0.01	60.62 4.59 -0.01	64.84 4.52 0.01	79.98 6.47 -0.01	106.96 8.80 -0.39	122.21 10.06 -1.63	107.84 7.14 -9.15	83.09 4.85 -8.91	66.49 3.15 -6.05	56.91 3.42 -3.23	46.67 3.26 -0.01	40.90 2.99 -0.01
ASTORIA___2 24149	36.23 2.56 -0.01	32.63 2.28 -0.01	30.87 2.10 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.35 2.08 -0.01	33.34 2.38 0.00	37.09 2.71 -0.01	38.64 2.76 0.00	39.89 3.30 0.00	43.41 3.47 -0.01	47.34 3.63 -0.01	51.60 3.69 -0.01	60.56 4.54 -0.01	64.62 4.28 -0.01	79.69 6.18 -0.01	106.57 8.41 -0.39	121.88 9.73 -1.63	107.57 6.87 -9.15	82.81 4.57 -8.91	66.32 2.98 -6.05	56.66 3.17 -3.23	46.54 3.13 -0.01	40.75 2.84 -0.01
ASTORIA___3 23516	36.09 2.43 0.00	32.47 2.12 0.00	30.69 1.93 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.14 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.30 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.40 3.50 0.00	56.53 4.20 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.92 6.23 -9.14	75.79 4.02 -2.45	55.85 2.64 4.08	51.64 2.86 1.48	46.32 2.91 0.00	40.59 2.69 0.00
ASTORIA___4 23517	36.09 2.42 0.00	32.47 2.12 0.00	30.74 1.98 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.16 3.45 0.00	51.36 3.45 0.00	56.42 4.09 3.69	61.74 3.92 2.51	79.23 5.73 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.91 6.23 -9.14	75.86 4.09 -2.45	55.79 2.58 4.08	51.74 2.97 1.48	46.32 2.91 0.00	40.67 2.77 0.00
ASTORIA___5 23518	36.09 2.43 0.00	32.47 2.12 0.00	30.69 1.93 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.14 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.30 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.40 3.50 0.00	56.53 4.20 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.92 6.23 -9.14	75.79 4.02 -2.45	55.85 2.64 4.08	51.64 2.86 1.48	46.32 2.91 0.00	40.59 2.69 0.00
AST_ENERGY_2_CC3 323677	35.93 2.26 0.00	32.35 2.00 0.00	30.57 1.81 0.00	29.92 1.75 0.00	30.00 1.81 0.00	31.02 1.76 0.00	32.96 2.01 0.00	36.73 2.37 0.00	38.46 2.58 0.00	39.78 3.18 0.00	43.21 3.28 0.00	47.16 3.45 0.00	51.55 3.64 0.00	60.44 4.42 0.00	64.61 4.28 0.00	79.75 6.24 0.00	106.57 8.41 -0.38	121.76 9.61 -1.62	107.38 6.68 -9.14	82.60 4.37 -8.90	66.25 2.92 -6.04	56.55 3.07 -3.23	46.27 2.86 0.00	40.40 2.50 0.00
AST_ENERGY_2_CC4 323678	35.93 2.26 0.00	32.35 2.00 0.00	30.57 1.81 0.00	29.92 1.75 0.00	30.00 1.81 0.00	31.02 1.76 0.00	32.96 2.01 0.00	36.73 2.37 0.00	38.46 2.58 0.00	39.78 3.18 0.00	43.21 3.28 0.00	47.16 3.45 0.00	51.55 3.64 0.00	60.44 4.42 0.00	64.61 4.28 0.00	79.75 6.24 0.00	106.57 8.41 -0.38	121.76 9.61 -1.62	107.38 6.68 -9.14	82.60 4.37 -8.90	66.25 2.92 -6.04	56.55 3.07 -3.23	46.27 2.86 0.00	40.40 2.50 0.00

ATHENS_STG_1 23668	34.65 0.98 0.00	31.28 0.94 0.00	29.68 0.92 0.00	29.13 0.96 0.00	29.15 0.96 0.00	30.20 0.94 0.00	31.94 0.99 0.00	35.46 1.10 0.00	36.99 1.11 0.00	37.99 1.39 0.00	41.41 1.48 0.00	45.23 1.53 0.00	49.49 1.58 0.00	57.92 1.91 0.00	62.38 2.05 0.00	76.45 2.94 0.00	101.78 4.01 0.00	115.17 4.64 0.00	100.67 3.29 -5.82	77.32 2.22 -5.78	63.23 1.49 -4.45	54.34 1.56 -2.51	44.84 1.43 0.00	39.08 1.18 0.00
ATHENS_STG_2 23670	34.65 0.98 0.00	31.28 0.94 0.00	29.68 0.92 0.00	29.13 0.96 0.00	29.15 0.96 0.00	30.20 0.94 0.00	31.94 0.99 0.00	35.46 1.10 0.00	36.99 1.11 0.00	37.99 1.39 0.00	41.41 1.48 0.00	45.23 1.53 0.00	49.49 1.58 0.00	57.92 1.91 0.00	62.38 2.05 0.00	76.45 2.94 0.00	101.78 4.01 0.00	115.17 4.64 0.00	100.67 3.29 -5.82	77.32 2.22 -5.78	63.23 1.49 -4.45	54.34 1.56 -2.51	44.84 1.43 0.00	39.08 1.18 0.00
ATHENS_STG_3 23677	34.65 0.98 0.00	31.28 0.94 0.00	29.68 0.92 0.00	29.13 0.96 0.00	29.15 0.96 0.00	30.20 0.94 0.00	31.94 0.99 0.00	35.46 1.10 0.00	36.99 1.11 0.00	37.99 1.39 0.00	41.41 1.48 0.00	45.23 1.53 0.00	49.49 1.58 0.00	57.92 1.91 0.00	62.38 2.05 0.00	76.45 2.94 0.00	101.78 4.01 0.00	115.17 4.64 0.00	100.67 3.29 -5.82	77.32 2.22 -5.78	63.23 1.49 -4.45	54.34 1.56 -2.51	44.84 1.43 0.00	39.08 1.18 0.00
AUBURN___LFGE 323710	34.17 0.51 0.00	30.71 0.36 0.00	28.99 0.23 0.00	28.37 0.20 0.00	28.33 0.14 0.00	29.52 0.26 0.00	31.20 0.25 0.00	34.81 0.45 0.00	36.42 0.54 0.00	37.87 0.81 -0.46	41.01 1.08 0.00	44.97 1.27 0.00	49.58 1.68 0.00	58.13 2.07 -0.04	62.44 2.11 0.00	75.96 2.13 -0.32	104.49 2.84 -3.88	118.90 2.65 -5.72	97.76 3.20 -3.00	73.27 2.84 -1.10	62.48 2.69 -2.49	53.52 1.66 -1.60	44.98 1.26 -0.31	38.77 0.87 0.00
BABYLON_RES_REC 323704	43.84 2.93 -7.24	40.96 2.64 -7.98	35.95 2.44 -4.74	33.19 2.37 -2.65	30.59 2.40 0.00	32.86 2.43 -1.17	33.49 2.54 0.00	37.35 2.99 0.00	42.08 3.34 -2.87	43.63 3.88 -3.15	48.02 4.23 -3.85	49.22 3.98 -1.54	60.23 4.26 -8.06	73.65 4.71 -12.92	76.95 4.65 -11.98	118.75 6.54 -38.70	127.47 9.48 -20.22	137.85 10.94 -16.38	127.98 7.59 -28.83	83.07 4.85 -8.90	67.23 3.90 -6.04	61.75 3.82 -7.67	49.25 3.56 -2.28	48.36 3.41 -7.05
BABYLON__69_KV_BK2 356345	44.38 3.47 -7.24	41.38 3.06 -7.98	36.38 2.88 -4.74	33.55 2.73 -2.65	30.96 2.76 0.00	33.27 2.84 -1.17	33.86 2.91 0.00	37.84 3.47 0.00	42.58 3.84 -2.87	44.22 4.47 -3.15	48.66 4.87 -3.85	50.37 5.11 -1.55	61.13 5.56 -7.67	73.49 6.11 -11.36	77.37 6.52 -10.53	116.11 8.60 -34.00	128.00 12.42 -17.81	140.40 14.15 -15.73	128.25 10.25 -26.44	85.23 7.00 -8.90	69.01 5.67 -6.05	63.37 5.43 -7.68	50.30 4.60 -2.29	49.08 4.13 -7.05
BALL_HILL_WT_PWR 323825	34.58 0.91 0.00	30.50 0.15 0.00	28.85 0.09 0.00	28.00 -0.17 0.00	27.91 -0.28 0.00	29.29 0.03 0.00	30.55 -0.40 0.00	34.19 -0.17 0.00	36.27 0.40 0.00	37.59 0.99 0.00	41.93 2.00 0.00	46.19 2.49 0.00	51.55 3.64 0.00	60.39 4.37 0.00	64.73 4.40 0.00	76.37 2.86 0.00	100.70 2.93 0.00	111.52 0.99 0.00	95.86 4.30 0.00	74.38 5.06 0.00	62.39 5.10 0.00	52.47 2.21 0.00	45.36 1.96 0.00	39.95 2.05 0.00
BARON_WINDS___WT_PWR 323822	34.51 0.84 0.00	30.71 0.37 0.00	28.99 0.23 0.00	28.23 0.06 0.00	28.17 -0.03 0.00	29.47 0.21 0.00	30.95 0.00 0.00	34.57 0.21 0.00	36.42 0.54 0.00	37.74 1.02 -0.12	41.57 1.64 0.00	45.72 2.01 0.00	50.73 2.83 0.00	59.28 3.25 -0.01	63.64 3.32 0.00	76.01 2.42 -0.08	101.68 2.93 -0.97	113.72 1.76 -1.44	96.15 3.84 -0.75	73.83 4.23 -0.28	61.93 4.01 -0.63	52.77 2.11 -0.40	45.22 1.74 -0.08	39.45 1.55 0.00
BARRETT_IC_1 23704	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_10 23701	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_11 23702	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_12 23703	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_2 23705	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_3 23706	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_4 23707	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05

BARRETT_IC_5 23708	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_6 23709	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_7 23710	43.54 2.63 -7.24	40.63 2.31 -7.98	35.72 2.21 -4.74	32.93 2.11 -2.65	30.31 2.11 0.00	32.60 2.17 -1.17	33.21 2.26 0.00	36.98 2.61 0.00	41.47 2.73 -2.87	43.01 3.26 -3.15	47.06 3.27 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.06 4.15 -1.90	66.43 4.34 -1.76	85.17 5.95 -5.70	109.68 8.60 -3.30	124.15 9.84 -3.79	110.37 6.77 -12.04	82.59 4.37 -8.90	66.71 3.38 -6.04	61.44 3.52 -7.67	49.16 3.47 -2.28	47.98 3.03 -7.05
BARRETT_IC_8 23711	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT_IC_9 23700	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT___1 23545	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BARRETT___2 23546	43.51 2.59 -7.24	40.63 2.30 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.31 2.12 0.00	32.57 2.13 -1.17	33.21 2.26 0.00	36.94 2.58 0.00	41.47 2.73 -2.87	42.97 3.22 -3.15	47.10 3.31 -3.85	48.78 3.54 -1.54	56.85 3.64 -5.30	62.23 4.31 -1.90	66.37 4.28 -1.76	85.24 6.03 -5.70	109.68 8.61 -3.30	124.15 9.83 -3.79	110.37 6.77 -12.04	82.51 4.30 -8.89	66.77 3.44 -6.04	61.35 3.42 -7.67	49.17 3.47 -2.28	47.91 2.96 -7.05
BATAVIA__115KV_TB1 55881	34.75 1.08 0.00	30.74 0.39 0.00	28.90 0.14 0.00	28.17 0.00 0.00	28.05 -0.14 0.00	29.44 0.18 0.00	30.70 -0.25 0.00	34.23 -0.14 0.00	36.34 0.47 0.00	37.37 0.77 0.00	41.65 1.72 0.00	46.06 2.36 0.00	51.26 3.35 0.00	60.27 4.26 0.00	64.43 4.10 0.00	76.08 2.57 0.00	100.41 2.64 0.00	111.85 1.33 0.00	96.22 4.67 0.00	74.59 5.27 0.00	62.97 5.67 0.00	52.82 2.56 0.00	45.66 2.26 0.00	40.14 2.24 0.00
BAYONEEC___CTG1 323682	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG10 323750	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG2 323683	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG3 323684	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG4 323685	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG5 323686	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG6 323687	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00

BAYONEEC___CTG7 323688	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG8 323689	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BAYONEEC___CTG9 323749	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.77 2.40 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	44.45 3.45 2.71	44.25 3.64 7.29	45.27 4.42 15.17	45.42 4.35 19.25	61.38 6.24 18.37	84.54 8.50 21.74	99.73 9.73 20.53	85.44 6.77 12.89	60.64 4.44 13.13	43.42 2.92 16.79	43.42 3.12 9.96	46.31 2.91 0.01	40.40 2.50 0.00
BEACON___LESR 323632	34.85 1.18 0.00	31.40 1.06 0.00	29.77 1.01 0.00	29.18 1.01 0.00	29.21 1.01 0.00	30.23 0.96 0.00	32.04 1.08 0.00	35.53 1.17 0.00	37.03 1.15 0.00	37.88 1.28 0.00	41.29 1.36 0.00	45.23 1.53 0.00	49.25 1.34 0.00	57.76 1.74 0.00	62.56 2.23 0.00	76.70 3.23 0.04	95.88 4.40 6.30	78.70 5.63 37.46	91.87 4.21 3.90	73.80 2.91 -1.56	85.89 2.18 -26.42	71.72 2.06 -19.39	45.27 1.87 0.00	39.38 1.48 0.00
BEAVER RIVER___HYD 24048	33.67 0.00 0.00	30.28 -0.06 0.00	28.65 -0.11 0.00	28.06 -0.11 0.00	28.05 -0.14 0.00	29.17 -0.09 0.00	31.01 0.06 0.00	34.43 0.07 0.00	35.81 -0.07 0.00	36.65 -0.22 0.00	39.57 -0.36 0.00	43.31 -0.39 0.00	47.67 -0.24 0.00	55.93 -0.11 -0.02	60.21 -0.12 0.00	73.47 -0.22 -0.18	89.94 -0.39 7.45	107.37 -0.11 3.04	85.78 0.46 6.23	70.86 0.90 -0.64	59.83 1.09 -1.45	51.90 0.70 -0.93	43.76 0.17 -0.18	38.01 0.11 0.00
BEEBEE_GT_13 23619	34.24 0.57 0.00	30.50 0.15 0.00	28.70 -0.06 0.00	28.03 -0.14 0.00	27.94 -0.25 0.00	29.23 -0.03 0.00	30.64 -0.31 0.00	34.16 -0.21 0.00	36.06 0.18 0.00	37.04 0.44 0.00	41.09 1.16 0.00	45.32 1.62 0.00	50.25 2.35 0.00	58.99 2.97 0.00	63.16 2.84 0.00	75.42 1.91 0.00	99.63 1.86 0.00	111.63 1.11 0.00	94.67 3.11 0.00	72.86 3.54 0.00	61.02 3.72 0.00	51.97 1.71 0.00	44.84 1.43 0.00	39.23 1.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.54 2.86 -0.01	32.84 2.49 -0.01	31.07 2.30 -0.01	30.35 2.17 -0.01	30.43 2.23 -0.01	31.46 2.19 0.00	33.46 2.51 0.00	37.33 2.96 -0.01	39.00 3.12 0.00	40.30 3.70 0.00	43.77 3.83 0.00	47.81 4.11 0.00	52.17 4.26 0.00	68.20 5.10 -7.08	70.02 4.95 -4.75	80.41 6.91 0.01	107.54 9.39 -0.38	122.86 10.72 -1.62	108.38 7.69 -9.14	81.56 5.13 -7.11	66.82 3.49 -6.03	66.26 3.82 -12.17	46.97 3.56 0.00	41.20 3.30 0.00
BETHLEHEM___GRP 23843	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.71 0.54 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.91 0.55 0.00	36.38 0.50 0.00	37.26 0.66 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.29 0.38 0.00	56.58 0.56 0.00	61.29 0.97 0.00	75.03 1.54 0.02	96.20 2.15 3.73	91.77 2.87 21.63	109.71 1.92 -16.23	89.80 1.25 -19.23	87.25 0.74 -29.21	70.21 0.90 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
BETHLEHEM___GS1 323560	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.70 0.53 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.88 0.52 0.00	36.38 0.50 0.00	37.22 0.62 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.34 0.43 0.00	56.63 0.62 0.00	61.29 0.96 0.00	75.03 1.55 0.02	96.19 2.15 3.73	91.76 2.87 21.63	109.71 1.93 -16.23	89.73 1.18 -19.23	87.25 0.74 -29.21	70.16 0.85 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
BETHLEHEM___GS2 323561	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.70 0.53 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.88 0.52 0.00	36.38 0.50 0.00	37.22 0.62 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.34 0.43 0.00	56.63 0.62 0.00	61.29 0.96 0.00	75.03 1.55 0.02	96.19 2.15 3.73	91.76 2.87 21.63	109.71 1.93 -16.23	89.73 1.18 -19.23	87.25 0.74 -29.21	70.16 0.85 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
BETHLEHEM___GS3 323562	34.21 0.54 0.00	30.86 0.52 0.00	29.28 0.52 0.00	28.70 0.53 0.00	28.76 0.56 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.88 0.52 0.00	36.38 0.50 0.00	37.22 0.62 0.00	40.57 0.64 0.00	44.36 0.66 0.00	48.34 0.43 0.00	56.63 0.62 0.00	61.29 0.96 0.00	75.03 1.55 0.02	96.19 2.15 3.73	91.76 2.87 21.63	109.71 1.93 -16.23	89.73 1.18 -19.23	87.25 0.74 -29.21	70.16 0.85 -19.04	44.32 0.91 0.00	38.62 0.72 0.00
BETHLEHEM___STEEL 23779	34.48 0.81 0.00	30.40 0.06 0.00	28.65 -0.12 0.00	27.94 -0.23 0.00	27.83 -0.37 0.00	29.20 -0.06 0.00	30.36 -0.59 0.00	33.81 -0.55 0.00	35.98 0.11 0.00	37.22 0.62 0.00	41.49 1.56 0.00	45.89 2.19 0.00	51.02 3.11 0.00	60.11 4.09 0.00	64.25 3.92 0.00	75.79 2.28 0.00	99.83 2.05 0.00	110.52 0.00 0.00	95.12 3.57 0.00	73.62 4.30 0.00	62.16 4.87 0.00	51.97 1.71 0.00	45.10 1.69 0.00	39.80 1.90 0.00
BETHLHEM_115KV_TB1 79974	34.31 0.64 0.00	30.95 0.61 0.00	29.36 0.60 0.00	28.79 0.62 0.00	28.81 0.62 0.00	29.82 0.56 0.00	31.54 0.59 0.00	34.98 0.62 0.00	36.45 0.57 0.00	37.33 0.73 0.00	40.65 0.72 0.00	44.49 0.79 0.00	48.43 0.53 0.00	56.75 0.73 0.00	61.41 1.09 0.00	75.18 1.69 0.02	96.62 2.35 3.50	93.21 2.98 20.30	109.52 2.11 -15.86	89.38 1.39 -18.67	86.05 0.86 -27.90	69.41 1.01 -18.14	44.41 1.00 0.00	38.70 0.80 0.00
BETHPAGE_CC_5 323564	43.61 2.69 -7.24	40.75 2.43 -7.98	35.77 2.27 -4.74	33.02 2.20 -2.65	30.42 2.23 0.00	32.68 2.25 -1.17	33.30 2.35 0.00	37.15 2.78 0.00	41.83 3.09 -2.87	43.34 3.59 -3.15	47.62 3.83 -3.85	49.26 4.02 -1.54	61.27 4.31 -9.05	77.96 5.04 -16.90	81.06 5.07 -15.67	131.11 6.99 -50.62	134.08 9.98 -26.33	142.94 11.49 -20.92	134.41 7.96 -34.89	83.42 5.20 -8.90	67.46 4.13 -6.04	61.95 4.02 -7.67	49.20 3.51 -2.28	47.98 3.03 -7.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.54 0.88 0.00	30.46 0.12 0.00	28.70 -0.06 0.00	28.00 -0.17 0.00	27.88 -0.31 0.00	29.26 0.00 0.00	30.46 -0.50 0.00	33.95 -0.41 0.00	36.09 0.22 0.00	37.37 0.77 0.00	41.65 1.72 0.00	46.06 2.36 0.00	51.26 3.35 0.00	60.44 4.43 0.00	64.61 4.28 0.00	76.23 2.72 0.00	100.41 2.64 0.00	111.08 0.55 0.00	95.67 4.12 0.00	73.97 4.64 0.00	62.39 5.10 0.00	52.17 1.91 0.00	45.23 1.82 0.00	39.91 2.01 0.00

BINGHAMTON___COGEN 23790	34.34 0.67 0.00	30.83 0.49 0.00	29.13 0.37 0.00	28.51 0.34 0.00	28.48 0.28 0.00	29.67 0.41 0.00	31.29 0.34 0.00	34.85 0.48 0.00	36.49 0.61 0.00	37.76 0.95 -0.21	41.17 1.24 0.00	45.19 1.49 0.00	49.78 1.87 0.00	58.39 2.35 -0.02	62.80 2.47 0.00	76.08 2.43 -0.14	102.56 3.03 -1.76	115.99 2.87 -2.59	99.25 3.30 -4.40	75.90 2.91 -3.67	63.50 2.64 -3.57	53.97 1.61 -2.10	44.85 1.30 -0.14	38.96 1.06 0.00
BIXINCNT_115KV_LOAD 355685	34.51 0.84 0.00	30.53 0.18 0.00	28.79 0.03 0.00	28.06 -0.11 0.00	27.97 -0.23 0.00	29.32 0.06 0.00	30.67 -0.28 0.00	34.30 -0.07 0.00	36.45 0.57 0.00	37.81 1.21 0.00	42.05 2.12 0.00	46.41 2.71 0.00	51.64 3.74 0.00	60.89 4.87 0.00	65.21 4.89 0.00	77.04 3.53 0.00	101.49 3.72 0.00	112.29 1.77 0.00	96.50 4.94 0.00	74.52 5.20 0.00	62.68 5.39 0.00	52.42 2.16 0.00	45.45 2.04 0.00	40.06 2.16 0.00
BLACK RIVER___HYD 24047	33.97 0.30 0.00	30.53 0.18 0.00	28.88 0.12 0.00	28.28 0.11 0.00	28.25 0.06 0.00	29.44 0.18 0.00	31.29 0.34 0.00	34.71 0.34 0.00	36.09 0.22 0.00	37.24 0.18 -0.46	39.97 0.04 0.00	43.79 0.09 0.00	48.29 0.38 0.00	56.73 0.67 -0.04	60.99 0.66 0.00	74.48 0.66 -0.31	95.68 0.78 2.87	112.98 1.22 -1.24	90.93 1.93 2.54	72.63 2.22 -1.09	62.05 2.29 -2.46	53.45 1.61 -1.58	44.54 0.82 -0.31	38.47 0.57 0.00
BLACKRVR_115KV_TB2 79977	33.97 0.30 0.00	30.53 0.18 0.00	28.85 0.09 0.00	28.28 0.11 0.00	28.25 0.06 0.00	29.44 0.18 0.00	31.29 0.34 0.00	34.71 0.34 0.00	36.09 0.22 0.00	37.24 0.18 -0.46	39.97 0.04 0.00	43.79 0.09 0.00	48.29 0.38 0.00	56.73 0.67 -0.04	60.99 0.66 0.00	74.48 0.66 -0.31	95.68 0.78 2.87	112.98 1.22 -1.24	90.93 1.92 2.54	72.63 2.22 -1.09	62.10 2.35 -2.46	53.40 1.56 -1.58	44.54 0.82 -0.31	38.43 0.53 0.00
BLISS_WT_PWR 323608	34.51 0.84 0.00	30.50 0.15 0.00	28.85 0.09 0.00	28.03 -0.14 0.00	27.94 -0.25 0.00	29.29 0.03 0.00	30.64 -0.31 0.00	34.36 0.00 0.00	36.49 0.61 0.00	37.88 1.28 0.00	42.17 2.23 0.00	46.46 2.76 0.00	51.84 3.93 0.00	60.84 4.82 0.00	65.21 4.88 0.00	77.04 3.53 0.00	101.58 3.81 0.00	112.29 1.76 0.00	96.58 5.03 0.00	74.73 5.41 0.00	62.56 5.27 0.00	52.62 2.36 0.00	45.45 2.04 0.00	40.06 2.16 0.00
BLUESTONE___WT_PWR 323821	36.06 2.39 0.00	32.31 1.97 0.00	30.57 1.81 0.00	29.89 1.72 0.00	29.86 1.66 0.00	31.16 1.90 0.00	33.06 2.11 0.00	36.80 2.44 0.00	38.32 2.44 0.00	39.49 2.71 -0.18	42.97 3.03 0.00	47.20 3.50 0.00	52.17 4.26 0.00	61.30 5.26 -0.02	66.00 5.67 0.00	80.25 6.62 -0.12	107.90 8.61 -1.52	122.49 9.73 -2.24	107.62 9.15 -6.92	83.47 7.63 -6.52	69.50 6.53 -5.67	58.61 5.07 -3.28	47.39 3.86 -0.12	40.93 3.03 0.00
BLUE_CIRC_CHEM_DRP 24182	34.58 0.91 0.00	31.19 0.85 0.00	29.59 0.83 0.00	29.02 0.85 0.00	29.07 0.87 0.00	30.08 0.82 0.00	31.79 0.84 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.51 0.91 0.00	40.81 0.88 0.00	44.62 0.92 0.00	47.57 -0.34 0.00	55.68 -0.34 0.00	60.27 -0.06 0.00	73.78 0.29 0.02	95.17 0.59 3.19	93.03 1.33 18.82	100.94 0.92 -8.47	81.01 0.55 -11.13	78.83 0.34 -21.20	65.02 0.55 -14.21	44.97 1.56 0.00	39.19 1.29 0.00
BOC_GAS_DRP 24189	34.44 0.77 0.00	31.07 0.73 0.00	29.48 0.72 0.00	28.90 0.73 0.00	28.96 0.76 0.00	29.96 0.70 0.00	31.70 0.74 0.00	35.15 0.79 0.00	36.63 0.75 0.00	37.55 0.95 0.00	40.89 0.96 0.00	44.71 1.01 0.00	48.67 0.77 0.00	57.03 1.01 0.00	61.53 1.21 0.00	75.33 1.84 0.01	98.00 2.44 2.22	100.60 2.98 12.91	107.44 2.11 -13.79	86.32 1.46 -15.54	78.84 0.97 -20.57	64.46 1.06 -13.14	44.54 1.13 0.00	38.85 0.95 0.00
BOONVILLE_115KV_TB1 79983	34.48 0.81 0.00	31.01 0.67 0.00	29.36 0.60 0.00	28.76 0.59 0.00	28.73 0.54 0.00	29.90 0.64 0.00	31.73 0.77 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.57 0.84 -0.13	40.85 0.92 0.00	44.75 1.05 0.00	49.25 1.34 0.00	57.82 1.79 -0.01	62.32 1.99 0.00	75.95 2.35 -0.09	99.56 3.13 1.34	114.28 3.76 0.00	93.89 3.48 1.14	72.61 2.98 -0.31	60.68 2.69 -0.69	52.77 2.06 -0.45	44.93 1.43 -0.09	38.96 1.06 0.00
BORALEX_4TH_BRANCH 23824	35.59 1.92 0.00	32.07 1.73 0.00	30.43 1.67 0.00	29.80 1.63 0.00	29.86 1.66 0.00	30.90 1.64 0.00	32.69 1.73 0.00	36.25 1.89 0.00	37.71 1.83 0.00	38.58 1.98 0.00	41.93 2.00 0.00	45.80 2.10 0.00	50.11 2.20 0.00	58.93 2.91 0.00	64.13 3.80 0.00	78.67 5.15 -0.02	107.09 6.84 -2.47	136.00 7.96 -17.52	181.89 6.32 -84.02	154.73 4.58 -80.83	110.46 3.55 -49.61	79.26 3.27 -25.73	46.14 2.73 0.00	40.14 2.24 0.00
BOWLINE___1 23526	35.32 1.65 0.00	31.89 1.55 0.00	30.20 1.44 0.00	29.58 1.41 0.00	29.63 1.44 0.00	30.67 1.40 0.00	32.50 1.55 0.00	36.05 1.68 0.00	37.67 1.79 0.00	38.94 2.34 0.00	42.41 2.48 0.00	46.24 2.53 0.00	50.59 2.68 0.00	59.32 3.30 0.00	63.70 3.38 0.00	78.43 4.93 0.00	104.97 6.84 -0.35	119.73 7.73 -1.47	105.61 5.40 -8.66	81.30 3.53 -8.45	65.42 2.35 -5.77	55.71 2.36 -3.09	45.53 2.13 0.00	39.72 1.82 0.00
BOWLINE___2 23595	35.32 1.65 0.00	31.89 1.55 0.00	30.23 1.47 0.00	29.58 1.41 0.00	29.66 1.47 0.00	30.69 1.43 0.00	32.53 1.58 0.00	36.05 1.68 0.00	37.71 1.83 0.00	38.94 2.34 0.00	42.41 2.48 0.00	46.28 2.58 0.00	50.64 2.73 0.00	59.32 3.30 0.00	63.70 3.38 0.00	78.51 5.00 0.00	104.97 6.84 -0.35	119.85 7.85 -1.47	105.71 5.49 -8.66	81.30 3.53 -8.45	65.42 2.35 -5.77	55.72 2.36 -3.09	45.58 2.17 0.00	39.72 1.82 0.00
BRADY___115KV_TB2 356060	33.30 -0.37 0.00	30.04 -0.30 0.00	28.53 -0.23 0.00	27.94 -0.23 0.00	27.94 -0.25 0.00	29.00 -0.26 0.00	30.83 -0.12 0.00	34.12 -0.24 0.00	35.55 -0.32 0.00	35.72 -0.88 0.00	38.82 -1.12 0.00	42.44 -1.27 0.00	46.57 -1.34 0.00	54.22 -1.79 0.00	58.28 -2.05 0.00	70.71 -2.79 0.01	61.56 -4.30 31.91	84.80 -4.75 20.97	61.15 -4.12 26.28	66.33 -2.98 0.01	55.29 -2.01 0.00	48.75 -1.51 0.00	42.02 -1.39 0.00	37.29 -0.61 0.00
BRANSCOMB___SOLAR 323811	35.72 2.05 0.00	32.19 1.85 0.00	30.49 1.73 0.00	29.86 1.69 0.00	29.89 1.69 0.00	30.96 1.70 0.00	32.75 1.79 0.00	36.36 1.99 0.00	37.89 2.01 0.00	38.72 2.12 0.00	42.09 2.15 0.00	46.19 2.49 0.00	50.64 2.73 0.00	59.26 3.25 0.00	64.37 4.04 0.00	78.89 5.36 -0.01	107.26 7.34 -2.15	134.71 9.29 -14.90	197.58 7.87 -98.16	170.74 6.10 -95.31	125.11 5.04 -62.77	88.15 4.37 -33.52	46.79 3.39 0.00	40.55 2.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.05 3.13 -7.24	41.14 2.82 -7.98	36.18 2.67 -4.74	33.38 2.56 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.68 2.72 0.00	37.59 3.23 0.00	42.30 3.55 -2.87	43.89 4.14 -3.15	48.30 4.51 -3.85	49.78 4.50 -1.57	59.43 4.84 -6.69	68.51 5.04 -7.45	72.58 5.37 -6.88	102.87 7.13 -22.23	120.01 10.46 -11.78	132.56 11.94 -10.10	120.43 8.42 -20.45	83.84 5.62 -8.90	68.17 4.81 -6.07	62.68 4.72 -7.70	49.84 4.12 -2.31	48.70 3.75 -7.05

BRISTLHL_115KV_TB1 79998	33.40 -0.27 0.00	30.04 -0.30 0.00	28.42 -0.35 0.00	27.80 -0.37 0.00	27.80 -0.39 0.00	28.91 -0.35 0.00	30.52 -0.43 0.00	33.99 -0.38 0.00	35.48 -0.39 0.00	37.38 -0.22 -1.00	39.77 -0.16 0.00	43.57 -0.13 0.00	47.91 0.00 0.00	56.28 0.17 -0.09	60.45 0.12 0.00	74.12 -0.07 -0.69	106.08 -0.10 -8.40	122.48 -0.44 -12.39	98.24 0.18 -6.51	72.13 0.42 -2.39	63.21 0.52 -5.40	53.78 0.05 -3.47	44.04 -0.04 -0.68	37.79 -0.11 0.00
BROOKHAVEN___DRP 24191	43.61 2.69 -7.24	40.69 2.37 -7.98	35.80 2.30 -4.74	33.05 2.23 -2.65	30.48 2.28 0.00	32.74 2.31 -1.17	33.27 2.32 0.00	37.11 2.75 0.00	41.83 3.09 -2.87	43.45 3.70 -3.15	47.94 4.15 -3.85	49.62 4.37 -1.54	59.08 4.74 -6.43	67.69 5.32 -6.35	71.83 5.61 -5.89	99.80 7.28 -19.01	118.47 10.56 -10.13	137.56 12.05 -14.99	118.89 8.51 -18.82	83.99 5.75 -8.91	67.92 4.58 -6.04	62.50 4.57 -7.67	49.51 3.82 -2.28	48.40 3.45 -7.05
BROOKLYN_NAVY_YARD 23515	35.96 2.29 0.00	32.38 2.03 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.80 2.44 0.00	38.57 2.69 0.00	39.89 3.30 0.00	43.33 3.39 0.00	47.29 3.58 0.00	51.69 3.78 0.00	60.61 4.59 0.00	64.85 4.53 0.00	80.05 6.54 0.00	106.96 8.80 -0.38	122.31 10.16 -1.62	107.84 7.15 -9.14	82.94 4.72 -8.90	66.48 3.15 -6.04	56.75 3.27 -3.23	46.40 2.99 0.00	40.44 2.54 0.00
BROOKLYN___ARMY_DRP 323595	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
BROOKVLE_69_KV_TB1 55790	44.01 3.10 -7.24	41.05 2.73 -7.98	36.06 2.56 -4.74	33.24 2.42 -2.65	30.65 2.45 0.00	32.92 2.49 -1.17	33.55 2.60 0.00	37.46 3.09 0.00	42.22 3.48 -2.87	43.85 4.10 -3.15	48.06 4.27 -3.85	49.92 4.68 -1.54	71.83 5.03 -18.89	118.19 5.88 -56.29	118.73 6.21 -52.19	250.33 8.23 -168.59	196.11 11.54 -86.80	189.59 13.15 -65.91	195.90 9.43 -94.92	84.60 6.38 -8.90	68.20 4.87 -6.04	62.65 4.72 -7.67	49.72 4.04 -2.28	48.40 3.45 -7.05
BROOME_2_LFGE 323671	34.34 0.67 0.00	30.83 0.48 0.00	29.16 0.40 0.00	28.51 0.34 0.00	28.48 0.28 0.00	29.67 0.41 0.00	31.29 0.34 0.00	34.88 0.52 0.00	36.49 0.61 0.00	37.76 0.95 -0.21	41.21 1.28 0.00	45.19 1.49 0.00	49.87 1.96 0.00	58.39 2.35 -0.02	62.80 2.47 0.00	76.07 2.42 -0.14	102.56 3.03 -1.76	115.99 2.87 -2.59	99.25 3.29 -4.40	75.97 2.98 -3.67	63.45 2.58 -3.57	54.02 1.66 -2.10	44.90 1.35 -0.14	38.96 1.06 0.00
BROOME___LFGE 323600	34.34 0.67 0.00	30.83 0.48 0.00	29.16 0.40 0.00	28.51 0.34 0.00	28.48 0.28 0.00	29.67 0.41 0.00	31.29 0.34 0.00	34.88 0.52 0.00	36.49 0.61 0.00	37.76 0.95 -0.21	41.21 1.28 0.00	45.19 1.49 0.00	49.87 1.96 0.00	58.39 2.35 -0.02	62.80 2.47 0.00	76.07 2.42 -0.14	102.56 3.03 -1.76	115.99 2.87 -2.59	99.25 3.29 -4.40	75.97 2.98 -3.67	63.45 2.58 -3.57	54.02 1.66 -2.10	44.90 1.35 -0.14	38.96 1.06 0.00
BROWNFLS_115KV_TB_3_5 80003	33.13 -0.54 0.00	29.83 -0.52 0.00	28.27 -0.49 0.00	27.69 -0.48 0.00	27.66 -0.54 0.00	28.70 -0.56 0.00	30.55 -0.40 0.00	33.85 -0.52 0.00	35.27 -0.61 0.00	35.87 -0.91 -0.19	38.78 -1.16 0.00	42.44 -1.27 0.00	46.66 -1.25 0.00	54.52 -1.51 -0.02	58.70 -1.63 0.00	71.42 -2.21 -0.12	77.59 -3.23 16.96	97.23 -3.43 9.87	74.86 -2.66 14.04	68.10 -1.66 -0.44	57.32 -0.97 -1.00	50.00 -0.90 -0.64	42.45 -1.09 -0.13	37.22 -0.68 0.00
BROWNSV1_27_KV_LOAD 356125	36.36 2.69 0.00	32.71 2.37 0.00	30.95 2.19 0.00	30.23 2.06 0.00	30.31 2.11 0.00	31.34 2.08 0.00	33.34 2.38 0.00	37.18 2.82 0.00	38.96 3.09 0.00	40.30 3.70 0.00	43.77 3.83 0.00	47.81 4.11 0.00	52.27 4.36 0.00	61.23 5.21 0.00	65.64 5.31 0.00	80.93 7.42 0.00	108.23 10.07 -0.38	123.64 11.49 -1.62	109.03 8.33 -9.14	83.84 5.62 -8.90	67.17 3.84 -6.04	57.46 3.97 -3.23	46.97 3.56 0.00	41.01 3.11 0.00
BURROWS___LYONSDAL 23803	34.34 0.67 0.00	30.89 0.55 0.00	29.22 0.46 0.00	28.62 0.45 0.00	28.62 0.42 0.00	29.76 0.50 0.00	31.60 0.65 0.00	35.09 0.72 0.00	36.56 0.68 0.00	37.38 0.62 -0.16	40.57 0.64 0.00	44.45 0.74 0.00	48.91 1.01 0.00	57.43 1.40 -0.01	61.89 1.57 0.00	75.45 1.84 -0.11	97.68 2.44 2.54	112.91 2.98 0.60	92.34 2.93 2.14	72.26 2.56 -0.37	60.54 2.41 -0.84	52.61 1.81 -0.54	44.73 1.22 -0.11	38.77 0.87 0.00
CAITHNESS_CC_1 323624	43.57 2.66 -7.24	40.69 2.37 -7.98	35.77 2.27 -4.74	33.02 2.20 -2.65	30.45 2.26 0.00	32.72 2.28 -1.17	33.27 2.32 0.00	37.08 2.71 0.00	41.76 3.01 -2.87	43.37 3.62 -3.15	47.86 4.08 -3.85	49.35 4.11 -1.54	58.93 4.60 -6.42	67.66 5.32 -6.32	71.44 5.25 -5.87	99.50 7.06 -18.93	118.04 10.17 -10.09	136.83 11.60 -14.70	118.57 8.24 -18.78	83.71 5.48 -8.91	67.74 4.41 -6.04	62.25 4.32 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
CALPINE BETH_PAGE_GT4 24209	43.64 2.73 -7.24	40.75 2.43 -7.98	35.80 2.30 -4.74	33.02 2.20 -2.65	30.39 2.20 0.00	32.68 2.25 -1.17	33.30 2.35 0.00	37.15 2.78 0.00	41.83 3.09 -2.87	43.41 3.66 -3.15	47.50 3.71 -3.85	49.22 3.98 -1.54	62.34 4.22 -10.21	82.38 4.82 -21.55	85.43 5.13 -19.97	144.95 6.91 -64.53	141.21 9.97 -33.46	148.14 11.38 -26.23	141.49 7.97 -41.97	83.42 5.20 -8.90	67.34 4.01 -6.04	62.00 4.07 -7.67	49.16 3.47 -2.28	47.98 3.03 -7.05
CALPINE_BETH_PAGE_GT_4 323586	43.64 2.73 -7.24	40.75 2.43 -7.98	35.77 2.27 -4.74	33.02 2.20 -2.65	30.39 2.20 0.00	32.68 2.25 -1.17	33.30 2.35 0.00	37.11 2.75 0.00	41.83 3.09 -2.87	43.26 3.51 -3.15	47.54 3.75 -3.85	49.22 3.98 -1.54	62.38 4.26 -10.21	82.55 4.98 -21.55	85.37 5.07 -19.97	144.94 6.91 -64.53	141.21 9.98 -33.46	148.14 11.39 -26.23	141.49 7.96 -41.97	83.42 5.20 -8.90	67.40 4.07 -6.04	61.90 3.97 -7.67	49.16 3.47 -2.28	47.91 2.96 -7.05
CALPINE_BP_GT1 23823	43.64 2.73 -7.24	40.75 2.43 -7.98	35.77 2.27 -4.74	33.02 2.20 -2.65	30.39 2.20 0.00	32.68 2.25 -1.17	33.30 2.35 0.00	37.11 2.75 0.00	41.83 3.09 -2.87	43.26 3.51 -3.15	47.54 3.75 -3.85	49.22 3.98 -1.54	62.38 4.26 -10.21	82.55 4.98 -21.55	85.37 5.07 -19.97	144.94 6.91 -64.53	141.21 9.98 -33.46	148.14 11.39 -26.23	141.49 7.96 -41.97	83.42 5.20 -8.90	67.40 4.07 -6.04	61.90 3.97 -7.67	49.16 3.47 -2.28	47.91 2.96 -7.05
CALSPAN___DRP 24200	34.48 0.81 0.00	30.40 0.06 0.00	28.65 -0.12 0.00	27.94 -0.23 0.00	27.83 -0.37 0.00	29.20 -0.06 0.00	30.36 -0.59 0.00	33.81 -0.55 0.00	35.98 0.11 0.00	37.22 0.62 0.00	41.49 1.56 0.00	45.89 2.19 0.00	51.02 3.11 0.00	60.11 4.09 0.00	64.25 3.92 0.00	75.79 2.28 0.00	99.83 2.05 0.00	110.52 0.00 0.00	95.12 3.57 0.00	73.62 4.30 0.00	62.16 4.87 0.00	51.97 1.71 0.00	45.10 1.69 0.00	39.80 1.90 0.00

CALVERTON___SOLAR 323806	43.68 2.76 -7.24	40.75 2.43 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.94 3.19 -2.87	43.59 3.84 -3.15	48.14 4.35 -3.85	49.75 4.50 -1.54	59.37 5.03 -6.43	68.25 5.88 -6.36	72.14 5.92 -5.90	100.26 7.72 -19.04	119.06 11.14 -10.15	138.32 12.70 -15.09	119.45 9.07 -18.83	84.33 6.10 -8.91	68.38 5.04 -6.04	62.76 4.83 -7.67	49.77 4.08 -2.28	48.51 3.56 -7.05
CANDIGU_WT_PWR 323617	34.51 0.84 0.00	30.71 0.37 0.00	28.99 0.23 0.00	28.23 0.06 0.00	28.17 -0.03 0.00	29.47 0.21 0.00	30.95 0.00 0.00	34.57 0.21 0.00	36.42 0.54 0.00	37.74 1.02 -0.12	41.57 1.64 0.00	45.72 2.01 0.00	50.73 2.83 0.00	59.28 3.25 -0.01	63.64 3.32 0.00	76.01 2.42 -0.08	101.68 2.93 -0.97	113.72 1.76 -1.44	96.15 3.84 -0.75	73.83 4.23 -0.28	61.93 4.01 -0.63	52.77 2.11 -0.40	45.22 1.74 -0.08	39.45 1.55 0.00
CARR STREET_E_SYR 24060	33.67 0.00 0.00	30.25 -0.09 0.00	28.62 -0.14 0.00	27.97 -0.20 0.00	27.97 -0.23 0.00	29.12 -0.15 0.00	30.74 -0.22 0.00	34.26 -0.10 0.00	35.81 -0.07 0.00	37.05 0.15 -0.30	40.22 0.28 0.00	44.14 0.44 0.00	48.58 0.67 0.00	56.94 0.89 -0.03	61.23 0.91 0.00	74.45 0.74 -0.20	101.25 0.98 -2.50	114.88 0.67 -3.69	94.59 1.10 -1.94	71.14 1.11 -0.71	59.99 1.09 -1.61	51.85 0.55 -1.03	43.95 0.35 -0.20	38.13 0.23 0.00
CARTHAGE___PAPER 23857	33.77 0.10 0.00	30.34 0.00 0.00	28.70 -0.06 0.00	28.11 -0.06 0.00	28.11 -0.08 0.00	29.26 0.00 0.00	31.14 0.19 0.00	34.54 0.17 0.00	35.88 0.00 0.00	36.88 -0.11 -0.39	39.66 -0.28 0.00	43.40 -0.30 0.00	47.81 -0.10 0.00	56.11 0.06 -0.03	60.33 0.00 0.00	73.69 -0.07 -0.26	92.94 -0.20 4.64	110.33 0.22 0.42	88.50 0.92 3.97	71.55 1.31 -0.91	60.91 1.55 -2.07	52.60 1.00 -1.33	44.06 0.39 -0.26	38.17 0.27 0.00
CASSADAGA_WT_PWR 323784	35.08 1.41 0.00	30.95 0.61 0.00	29.25 0.49 0.00	28.39 0.22 0.00	28.31 0.11 0.00	29.76 0.50 0.00	31.14 0.19 0.00	35.02 0.65 0.00	37.06 1.18 0.00	38.50 1.90 0.00	42.89 2.96 0.00	47.20 3.50 0.00	52.70 4.79 0.00	61.79 5.77 0.00	66.24 5.92 0.00	78.28 4.78 0.00	103.34 5.57 0.00	114.39 3.87 0.00	98.23 6.68 0.00	76.04 6.72 0.00	63.82 6.53 0.00	53.63 3.37 0.00	46.27 2.86 0.00	40.63 2.73 0.00
CE_DUNWOOD___DRP 24194	35.76 2.09 0.00	32.22 1.88 0.00	30.51 1.75 0.00	29.83 1.66 0.00	29.91 1.72 0.00	30.96 1.70 0.00	32.84 1.89 0.00	36.53 2.16 0.00	38.25 2.37 0.00	39.49 2.89 0.00	42.93 3.00 0.00	46.90 3.19 0.00	51.26 3.35 0.00	59.99 3.98 0.00	64.49 4.16 0.00	79.46 5.95 0.00	106.27 8.12 -0.38	121.43 9.28 -1.62	107.35 6.68 -9.12	82.71 4.51 -8.88	66.35 3.04 -6.02	56.60 3.12 -3.22	46.18 2.78 0.00	40.29 2.39 0.00
CE_MILLWOOD___DRP 24193	35.66 1.99 0.00	32.13 1.79 0.00	30.46 1.70 0.00	29.78 1.61 0.00	29.86 1.66 0.00	30.90 1.64 0.00	32.78 1.83 0.00	36.43 2.06 0.00	38.10 2.22 0.00	39.34 2.74 0.00	42.81 2.88 0.00	46.72 3.02 0.00	51.12 3.21 0.00	59.83 3.81 0.00	64.31 3.98 0.00	79.24 5.73 0.00	105.97 7.82 -0.38	121.08 8.95 -1.60	107.03 6.41 -9.07	82.45 4.30 -8.83	66.26 2.98 -5.99	56.48 3.02 -3.20	46.05 2.65 0.00	40.21 2.31 0.00
CE_NYC2_DRP 24202	36.13 2.46 0.00	32.47 2.12 0.00	30.74 1.98 0.00	30.03 1.86 0.00	30.14 1.95 0.00	31.16 1.90 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.33 3.39 0.00	47.24 3.54 0.00	51.45 3.55 0.00	56.53 4.20 3.69	61.86 4.04 2.51	79.38 5.88 0.01	106.17 8.02 -0.38	121.42 9.28 -1.62	107.10 6.41 -9.14	75.93 4.16 -2.45	55.91 2.69 4.08	51.84 3.07 1.48	46.40 3.00 0.00	40.67 2.77 0.00
CE_NYC_DRP 24195	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.06 2.10 0.00	36.84 2.47 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.33 3.63 0.00	51.69 3.78 0.00	60.55 4.54 0.00	64.91 4.58 0.00	80.05 6.54 0.00	106.96 8.80 -0.38	122.20 10.06 -1.62	107.84 7.14 -9.14	82.94 4.71 -8.90	66.42 3.09 -6.04	56.85 3.37 -3.23	46.49 3.08 0.00	40.59 2.69 0.00
CHAFFEE___LFGE 323603	34.61 0.94 0.00	30.50 0.15 0.00	28.85 0.09 0.00	28.00 -0.17 0.00	27.88 -0.31 0.00	29.26 0.00 0.00	30.49 -0.46 0.00	34.09 -0.28 0.00	36.16 0.29 0.00	37.44 0.84 0.00	41.81 1.88 0.00	46.11 2.40 0.00	51.45 3.55 0.00	60.33 4.31 0.00	64.73 4.40 0.00	76.30 2.79 0.00	100.61 2.84 0.00	111.30 0.78 0.00	95.86 4.30 0.00	74.32 4.99 0.00	62.45 5.16 0.00	52.47 2.21 0.00	45.31 1.91 0.00	39.98 2.08 0.00
CHATEAUG_35_KV_LOAD 355732	33.03 -0.64 0.00	29.80 -0.55 0.00	28.33 -0.43 0.00	27.78 -0.39 0.00	27.83 -0.37 0.00	28.94 -0.32 0.00	30.92 -0.03 0.00	33.95 -0.41 0.00	35.59 -0.29 0.00	35.83 -0.77 0.00	39.10 -0.84 0.00	42.66 -1.05 0.00	46.81 -1.10 0.00	53.33 -2.69 0.00	57.07 -3.26 0.00	69.09 -4.41 0.01	58.29 -5.38 34.10	82.48 -5.64 22.41	58.42 -5.04 28.09	65.43 -3.88 0.01	54.66 -2.64 0.00	48.75 -1.51 0.00	42.54 -0.87 0.00	37.29 -0.61 0.00
CHATEAUG_WT_PWR 323614	33.06 -0.61 0.00	29.83 -0.52 0.00	28.36 -0.40 0.00	27.80 -0.37 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.86 -0.09 0.00	33.88 -0.48 0.00	35.52 -0.36 0.00	35.79 -0.81 0.00	39.09 -0.84 0.00	42.66 -1.05 0.00	46.23 -1.68 0.00	52.99 -3.03 0.00	57.01 -3.32 0.00	69.09 -4.41 0.01	57.32 -5.67 34.78	81.81 -5.86 22.86	57.80 -5.13 28.63	65.37 -3.95 0.01	54.49 -2.81 0.00	48.20 -2.06 0.00	42.45 -0.96 0.00	37.22 -0.68 0.00
CHAT_HIGH_FALL_HYD 323578	33.03 -0.64 0.00	29.80 -0.55 0.00	28.33 -0.43 0.00	27.78 -0.39 0.00	27.83 -0.37 0.00	28.94 -0.32 0.00	30.92 -0.03 0.00	33.95 -0.41 0.00	35.59 -0.29 0.00	35.83 -0.77 0.00	39.10 -0.84 0.00	42.66 -1.05 0.00	46.81 -1.10 0.00	53.33 -2.69 0.00	57.07 -3.26 0.00	69.09 -4.41 0.01	58.29 -5.38 34.10	82.48 -5.64 22.41	58.42 -5.04 28.09	65.43 -3.88 0.01	54.66 -2.64 0.00	48.75 -1.51 0.00	42.54 -0.87 0.00	37.29 -0.61 0.00
CHAUTAUQUA___LFGE 323629	34.88 1.21 0.00	30.77 0.42 0.00	29.11 0.35 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.58 0.32 0.00	30.89 -0.06 0.00	34.67 0.31 0.00	36.74 0.86 0.00	38.10 1.50 0.00	42.49 2.56 0.00	46.81 3.10 0.00	52.22 4.31 0.00	61.23 5.21 0.00	65.57 5.25 0.00	77.47 3.97 0.00	102.27 4.50 0.00	113.17 2.65 0.00	97.32 5.77 0.00	75.42 6.10 0.00	63.25 5.96 0.00	53.18 2.91 0.00	45.92 2.52 0.00	40.36 2.46 0.00
CHERRYST_13_KV_LD 356241	36.16 2.49 0.00	32.53 2.18 0.00	30.80 2.04 0.00	30.09 1.92 0.00	30.17 1.97 0.00	31.22 1.96 0.00	33.18 2.23 0.00	37.01 2.65 0.00	38.78 2.91 0.00	40.15 3.55 0.00	43.61 3.67 0.00	47.59 3.89 0.00	52.03 4.12 0.00	60.95 4.93 0.00	65.27 4.95 0.00	80.56 7.06 0.00	107.64 9.48 -0.38	122.98 10.83 -1.62	108.29 7.60 -9.14	83.29 5.06 -8.90	66.71 3.38 -6.04	57.06 3.57 -3.23	46.66 3.26 0.00	40.74 2.84 0.00

CHESTROR_138KV_BK263 355645	35.29 1.62 0.00	31.80 1.46 0.00	30.17 1.41 0.00	29.49 1.32 0.00	29.55 1.35 0.00	30.61 1.35 0.00	32.41 1.45 0.00	35.95 1.58 0.00	37.56 1.69 0.00	38.76 2.16 0.00	42.21 2.28 0.00	46.06 2.36 0.00	50.40 2.49 0.00	58.99 2.97 0.00	63.52 3.20 0.00	78.21 4.70 0.00	104.53 6.45 -0.30	118.53 7.41 -0.60	103.59 5.31 -6.73	79.63 3.60 -6.70	65.18 2.46 -5.43	55.59 2.41 -2.92	45.53 2.13 0.00	39.76 1.86 0.00
CH_MIDHUDSON___DRP 24192	35.66 1.99 0.00	32.13 1.79 0.00	30.46 1.70 0.00	29.80 1.63 0.00	29.86 1.66 0.00	30.90 1.64 0.00	32.72 1.76 0.00	36.32 1.96 0.00	37.99 2.12 0.00	39.20 2.60 0.00	42.65 2.72 0.00	46.59 2.88 0.00	50.93 3.02 0.00	59.71 3.70 0.00	64.37 4.04 0.00	79.31 5.81 0.00	106.01 7.92 -0.32	120.20 9.06 -0.62	106.25 6.68 -8.02	81.94 4.64 -7.97	66.88 3.21 -6.38	56.80 3.07 -3.47	46.10 2.69 0.00	40.17 2.27 0.00
CH_MISC_IPPS 23765	35.86 2.19 0.00	32.31 1.97 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.46 2.10 0.00	38.18 2.30 0.00	39.38 2.78 0.00	42.97 3.03 0.00	46.85 3.15 0.00	51.31 3.40 0.00	60.22 4.20 0.00	64.85 4.53 0.00	79.98 6.47 0.00	107.05 8.99 -0.29	121.26 10.16 -0.57	106.95 7.59 -7.80	82.35 5.27 -7.76	67.06 3.78 -5.98	57.01 3.37 -3.38	46.40 2.99 0.00	40.40 2.50 0.00
CH_RES_BVR_FALLS 23983	32.83 -0.84 0.00	29.65 -0.70 0.00	28.13 -0.63 0.00	27.61 -0.56 0.00	27.69 -0.51 0.00	28.76 -0.50 0.00	30.52 -0.43 0.00	33.92 -0.45 0.00	35.45 -0.43 0.00	35.94 -0.66 0.00	39.17 -0.76 0.00	42.87 -0.83 0.00	46.90 -1.01 0.00	54.22 -1.79 0.00	58.28 -2.05 0.00	70.92 -2.57 0.01	40.07 -3.32 54.38	71.03 -3.76 35.74	43.38 -3.21 44.97	66.82 -2.49 0.01	55.40 -1.89 0.00	49.16 -1.11 0.00	42.49 -0.91 0.00	37.22 -0.68 0.00
CH_RES_NIAGARA 23895	33.23 -0.44 0.00	29.31 -1.03 0.00	27.64 -1.12 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.27 -2.10 0.00	34.41 -1.47 0.00	35.50 -1.10 0.00	39.61 -0.32 0.00	43.84 0.13 0.00	48.67 0.77 0.00	57.19 1.18 0.00	60.99 0.66 0.00	71.67 -1.84 0.00	94.06 -3.72 0.00	104.22 -6.30 0.00	90.00 -1.56 0.00	70.01 0.69 0.00	59.30 2.01 0.00	49.61 -0.65 0.00	43.15 -0.26 0.00	38.28 0.38 0.00
CH_RES_SYRACUSE 23985	33.87 0.20 0.00	30.47 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.52 0.37 -0.55	40.22 0.28 0.00	44.05 0.35 0.00	48.53 0.62 0.00	56.85 0.78 -0.05	61.11 0.88 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.56 -6.83	96.24 1.10 -3.58	71.75 1.11 -1.32	61.36 1.09 -2.98	52.73 0.55 -1.91	44.17 0.39 -0.37	38.36 0.46 0.00
CLINTON_WT_PWR 323605	33.06 -0.61 0.00	29.83 -0.52 0.00	28.36 -0.40 0.00	27.80 -0.37 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.86 -0.09 0.00	33.88 -0.48 0.00	35.52 -0.36 0.00	35.79 -0.81 0.00	39.09 -0.84 0.00	42.66 -1.05 0.00	46.23 -1.68 0.00	52.99 -3.03 0.00	57.01 -3.32 0.00	69.09 -4.41 0.01	57.32 -5.67 34.78	81.81 -5.86 22.86	57.80 -5.13 28.63	65.37 -3.95 0.01	54.49 -2.81 0.00	48.20 -2.06 0.00	42.45 -0.96 0.00	37.22 -0.68 0.00
CLINTON___LFGE 323618	33.44 -0.23 0.00	30.13 -0.21 0.00	28.65 -0.11 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.61 0.35 0.00	31.69 0.74 0.00	34.50 0.14 0.00	36.20 0.32 0.00	36.42 -0.18 0.00	39.78 -0.16 0.00	43.44 -0.26 0.00	46.66 -1.25 0.00	52.71 -3.31 0.00	56.64 -3.68 0.00	68.28 -5.22 0.01	56.89 -6.35 34.53	81.31 -6.52 22.69	57.20 -5.86 28.49	64.81 -4.50 0.01	54.43 -2.86 0.00	48.30 -1.96 0.00	43.28 -0.13 0.00	37.94 0.04 0.00
COBBLENY_34_KV_TB1 80064	34.58 0.91 0.00	30.50 0.15 0.00	28.73 -0.03 0.00	28.00 -0.17 0.00	27.88 -0.31 0.00	29.26 0.00 0.00	30.49 -0.46 0.00	33.99 -0.38 0.00	36.13 0.25 0.00	37.40 0.81 0.00	41.69 1.76 0.00	46.11 2.40 0.00	51.31 3.40 0.00	60.50 4.48 0.00	64.67 4.34 0.00	76.30 2.79 0.00	100.51 2.74 0.00	111.30 0.77 0.00	95.86 4.30 0.00	74.10 4.78 0.00	62.56 5.27 0.00	52.27 2.01 0.00	45.32 1.91 0.00	39.95 2.05 0.00
COFFEEN___115KV_TB3 355620	34.28 0.61 0.00	30.77 0.42 0.00	29.08 0.32 0.00	28.51 0.34 0.00	28.48 0.28 0.00	29.67 0.41 0.00	31.57 0.62 0.00	34.98 0.62 0.00	36.34 0.47 0.00	37.55 0.48 -0.47	40.29 0.36 0.00	44.10 0.39 0.00	48.72 0.81 0.00	57.24 1.18 -0.04	61.47 1.15 0.00	75.15 1.32 -0.32	96.88 1.66 2.56	114.38 2.32 -1.54	92.19 2.93 2.29	73.56 3.12 -1.12	62.97 3.15 -2.53	54.15 2.26 -1.62	45.03 1.30 -0.32	38.81 0.91 0.00
COLDSPRG_115KV_BK1 355956	35.12 1.45 0.00	31.07 0.73 0.00	29.25 0.49 0.00	28.51 0.34 0.00	28.42 0.23 0.00	29.88 0.61 0.00	31.32 0.37 0.00	35.15 0.79 0.00	37.24 1.36 0.00	38.72 2.12 0.00	42.97 3.04 0.00	47.33 3.63 0.00	52.70 4.79 0.00	62.12 6.11 0.00	66.54 6.21 0.00	78.73 5.22 0.00	103.93 6.16 0.00	115.06 4.53 0.00	98.60 7.05 0.00	76.12 6.79 0.00	64.05 6.76 0.00	53.58 3.32 0.00	46.32 2.91 0.00	40.70 2.80 0.00
COLONIE_LFGE___ 323577	35.19 1.52 0.00	31.71 1.37 0.00	30.06 1.30 0.00	29.47 1.30 0.00	29.49 1.30 0.00	30.55 1.29 0.00	32.31 1.36 0.00	35.84 1.48 0.00	37.35 1.47 0.00	38.21 1.61 0.00	41.61 1.68 0.00	45.54 1.84 0.00	49.83 1.92 0.00	58.42 2.41 0.00	63.34 3.02 0.00	77.64 4.11 -0.02	106.23 5.57 -2.88	136.98 6.74 -19.72	193.33 5.40 -96.38	166.09 3.95 -92.82	117.85 3.09 -57.46	83.00 2.81 -29.92	45.71 2.30 0.00	39.72 1.82 0.00
COOPERNY_115KV_TB1 80082	34.81 1.14 0.00	31.41 1.06 0.00	29.77 1.01 0.00	29.13 0.96 0.00	29.18 0.99 0.00	30.26 0.99 0.00	32.04 1.08 0.00	35.53 1.17 0.00	37.10 1.22 0.00	38.21 1.61 0.00	41.61 1.68 0.00	45.50 1.79 0.00	49.82 1.92 0.00	58.31 2.30 0.00	62.74 2.41 0.00	76.96 3.45 0.00	102.47 4.69 0.00	115.83 5.31 0.00	100.63 3.94 -5.14	77.17 2.70 -5.14	63.21 1.95 -3.97	54.36 1.86 -2.24	45.01 1.61 0.00	39.26 1.36 0.00
COPENHAGEN_WT_PWR 323753	33.91 0.24 0.00	30.47 0.12 0.00	28.82 0.06 0.00	28.23 0.06 0.00	28.19 0.00 0.00	29.38 0.12 0.00	31.23 0.28 0.00	34.64 0.27 0.00	36.02 0.14 0.00	37.20 0.11 -0.49	39.93 0.00 0.00	43.75 0.04 0.00	48.25 0.34 0.00	56.62 0.56 -0.04	60.87 0.54 0.00	74.43 0.59 -0.34	96.36 0.59 2.00	113.46 0.88 -2.06	91.36 1.65 1.84	72.51 2.01 -1.17	62.07 2.12 -2.65	53.37 1.41 -1.70	44.43 0.69 -0.33	38.39 0.49 0.00
CORNELL_____ 23752	34.75 1.08 0.00	31.19 0.85 0.00	29.45 0.69 0.00	28.79 0.62 0.00	28.79 0.59 0.00	29.99 0.73 0.00	31.70 0.74 0.00	35.33 0.96 0.00	36.88 1.00 0.00	38.14 1.24 -0.30	41.41 1.48 0.00	45.45 1.75 0.00	50.06 2.16 0.00	58.73 2.69 -0.03	63.16 2.84 0.00	76.80 3.09 -0.20	104.35 4.11 -2.47	118.59 4.42 -3.65	100.27 4.67 -4.04	76.33 4.09 -2.92	64.26 3.67 -3.30	54.81 2.56 -1.98	45.60 2.00 -0.20	39.42 1.52 0.00

CORONA_69_KV_TB1 355595	43.88 2.96 -7.24	40.93 2.61 -7.98	35.95 2.44 -4.74	33.16 2.34 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.46 2.51 0.00	37.29 2.92 0.00	41.94 3.19 -2.87	43.52 3.77 -3.15	47.82 4.03 -3.85	49.61 4.37 -1.54	64.20 4.55 -11.74	88.83 5.15 -27.66	91.40 5.43 -25.64	163.70 7.35 -82.84	150.98 10.36 -42.85	155.67 11.94 -33.21	151.36 8.51 -51.29	83.91 5.68 -8.90	67.86 4.53 -6.04	62.40 4.47 -7.67	49.72 4.04 -2.28	48.32 3.37 -7.05
CORTLAND_115KV_TB3 80093	34.41 0.74 0.00	30.92 0.58 0.00	29.22 0.46 0.00	28.56 0.39 0.00	28.56 0.37 0.00	29.73 0.47 0.00	31.45 0.50 0.00	35.02 0.65 0.00	36.56 0.68 0.00	37.82 0.91 -0.31	41.05 1.12 0.00	45.06 1.35 0.00	49.58 1.68 0.00	58.17 2.13 -0.03	62.56 2.23 0.00	76.07 2.35 -0.21	103.50 3.13 -2.60	117.56 3.21 -3.83	96.95 3.39 -2.01	73.04 2.98 -0.74	61.66 2.69 -1.67	53.14 1.81 -1.07	45.05 1.43 -0.21	38.96 1.06 0.00
COXSACKIE__GT 23611	36.23 2.56 0.00	32.56 2.21 0.00	30.86 2.10 0.00	30.23 2.06 0.00	30.28 2.09 0.00	31.28 2.02 0.00	33.09 2.13 0.00	36.25 1.89 0.00	37.81 1.94 0.00	38.36 1.76 0.00	41.77 1.84 0.00	45.58 1.88 0.00	49.25 1.34 0.00	57.81 1.79 0.00	63.04 2.72 0.00	77.75 4.26 0.02	101.34 6.84 3.28	100.07 9.06 19.52	104.62 8.06 -5.01	82.95 5.82 -7.81	80.81 4.35 -19.16	66.79 3.37 -13.16	47.09 3.69 0.00	40.82 2.92 0.00
CPV_VALLEY__CC1 323721	34.98 1.31 0.00	31.56 1.21 0.00	29.91 1.15 0.00	29.27 1.10 0.00	29.35 1.16 0.00	30.37 1.11 0.00	32.19 1.24 0.00	35.67 1.31 0.00	37.28 1.40 0.00	38.43 1.83 0.00	41.85 1.92 0.00	45.72 2.01 0.00	50.01 2.11 0.00	58.60 2.58 0.00	62.98 2.65 0.00	77.40 3.89 0.00	103.41 5.37 -0.26	117.22 6.19 -0.51	102.02 4.39 -6.08	78.23 2.84 -6.06	64.14 1.95 -4.89	54.81 1.91 -2.64	45.14 1.74 0.00	39.38 1.48 0.00
CPV_VALLEY__CC2 323722	34.98 1.31 0.00	31.56 1.21 0.00	29.91 1.15 0.00	29.27 1.10 0.00	29.35 1.16 0.00	30.37 1.11 0.00	32.19 1.24 0.00	35.67 1.31 0.00	37.28 1.40 0.00	38.43 1.83 0.00	41.85 1.92 0.00	45.72 2.01 0.00	50.01 2.11 0.00	58.60 2.58 0.00	62.98 2.65 0.00	77.40 3.89 0.00	103.41 5.37 -0.26	117.22 6.19 -0.51	102.02 4.39 -6.08	78.23 2.84 -6.06	64.14 1.95 -4.89	54.81 1.91 -2.64	45.14 1.74 0.00	39.38 1.48 0.00
CRESCENT__HYD 24018	35.19 1.52 0.00	31.71 1.37 0.00	30.06 1.30 0.00	29.47 1.30 0.00	29.49 1.30 0.00	30.55 1.29 0.00	32.31 1.36 0.00	35.84 1.48 0.00	37.35 1.47 0.00	38.21 1.61 0.00	41.61 1.68 0.00	45.54 1.84 0.00	49.83 1.92 0.00	58.42 2.41 0.00	63.34 3.02 0.00	77.64 4.11 -0.02	106.23 5.57 -2.88	136.98 6.74 -19.72	193.33 5.40 -96.38	166.09 3.95 -92.82	117.85 3.09 -57.46	83.00 2.81 -29.92	45.71 2.30 0.00	39.72 1.82 0.00
CRICKET__VALLEY_CC1 323756	35.42 1.75 0.00	31.92 1.58 0.00	30.25 1.49 0.00	29.63 1.46 0.00	29.69 1.49 0.00	30.72 1.46 0.00	32.53 1.58 0.00	36.12 1.75 0.00	37.67 1.79 0.00	38.76 2.16 0.00	42.17 2.23 0.00	46.02 2.31 0.00	50.30 2.39 0.00	59.10 3.08 0.00	63.70 3.38 0.00	78.36 4.85 0.00	104.96 6.65 -0.54	120.97 7.62 -2.82	109.72 5.49 -12.67	85.27 3.74 -12.21	67.60 2.64 -7.67	56.87 2.61 -3.99	45.75 2.34 0.00	39.83 1.93 0.00
CRICKET__VALLEY_CC2 323757	35.42 1.75 0.00	31.92 1.58 0.00	30.25 1.49 0.00	29.63 1.46 0.00	29.69 1.49 0.00	30.72 1.46 0.00	32.53 1.58 0.00	36.12 1.75 0.00	37.67 1.79 0.00	38.76 2.16 0.00	42.17 2.23 0.00	46.02 2.31 0.00	50.30 2.39 0.00	59.10 3.08 0.00	63.70 3.38 0.00	78.36 4.85 0.00	104.96 6.65 -0.54	120.97 7.62 -2.82	109.72 5.49 -12.67	85.27 3.74 -12.21	67.60 2.64 -7.67	56.87 2.61 -3.99	45.75 2.34 0.00	39.83 1.93 0.00
CRICKET__VALLEY_CC3 323758	35.42 1.75 0.00	31.92 1.58 0.00	30.25 1.49 0.00	29.63 1.46 0.00	29.69 1.49 0.00	30.72 1.46 0.00	32.53 1.58 0.00	36.12 1.75 0.00	37.67 1.79 0.00	38.76 2.16 0.00	42.17 2.23 0.00	46.02 2.31 0.00	50.30 2.39 0.00	59.10 3.08 0.00	63.70 3.38 0.00	78.36 4.85 0.00	104.96 6.65 -0.54	120.97 7.62 -2.82	109.72 5.49 -12.67	85.27 3.74 -12.21	67.60 2.64 -7.67	56.87 2.61 -3.99	45.75 2.34 0.00	39.83 1.93 0.00
CRUCIBLE_METL_DRP 24180	33.87 0.20 0.00	30.46 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.48 0.33 -0.55	40.45 0.52 0.00	44.14 0.44 0.00	48.48 0.57 0.00	56.85 0.78 -0.05	61.11 0.78 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.55 -6.83	96.24 1.10 -3.58	71.68 1.04 -1.32	61.36 1.09 -2.98	52.68 0.50 -1.91	44.13 0.35 -0.37	38.05 0.15 0.00
DAHOWA__HYDRO 323763	35.86 2.19 0.00	32.31 1.97 0.00	30.57 1.81 0.00	29.95 1.78 0.00	29.97 1.78 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.50 2.13 0.00	38.03 2.15 0.00	38.91 2.31 0.00	42.25 2.32 0.00	46.42 2.71 0.00	50.88 2.97 0.00	59.49 3.47 0.00	64.67 4.35 0.00	79.33 5.81 -0.01	107.70 7.92 -2.01	134.60 10.06 -14.02	198.44 8.60 -98.29	171.55 6.66 -95.57	126.44 5.56 -63.59	89.13 4.78 -34.09	47.05 3.65 0.00	40.74 2.84 0.00
DANC__LFGE 323619	33.67 0.00 0.00	30.25 -0.09 0.00	28.62 -0.14 0.00	28.00 -0.17 0.00	28.00 -0.20 0.00	29.14 -0.12 0.00	30.92 -0.03 0.00	34.33 -0.03 0.00	35.73 -0.14 0.00	37.14 -0.07 -0.62	39.74 -0.20 0.00	43.57 -0.13 0.00	48.00 0.10 0.00	56.35 0.28 -0.06	60.57 0.24 0.00	74.08 0.15 -0.42	98.82 0.00 -1.05	115.55 0.11 -4.91	92.99 0.82 -0.62	72.04 1.25 -1.47	61.93 1.32 -3.32	53.15 0.76 -2.13	44.13 0.31 -0.42	38.13 0.23 0.00
DANSKAMMER__1 23586	35.86 2.19 0.00	32.31 1.97 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.46 2.10 0.00	38.18 2.30 0.00	39.38 2.78 0.00	42.97 3.03 0.00	46.85 3.15 0.00	51.31 3.40 0.00	60.22 4.20 0.00	64.85 4.53 0.00	79.98 6.47 0.00	107.05 8.99 -0.29	121.26 10.16 -0.57	106.95 7.59 -7.80	82.35 5.27 -7.76	67.06 3.78 -5.98	57.01 3.37 -3.38	46.40 2.99 0.00	40.40 2.50 0.00
DANSKAMMER__2 23589	35.86 2.19 0.00	32.31 1.97 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.46 2.10 0.00	38.18 2.30 0.00	39.38 2.78 0.00	42.97 3.03 0.00	46.85 3.15 0.00	51.31 3.40 0.00	60.22 4.20 0.00	64.85 4.53 0.00	79.98 6.47 0.00	107.05 8.99 -0.29	121.26 10.16 -0.57	106.95 7.59 -7.80	82.35 5.27 -7.76	67.06 3.78 -5.98	57.01 3.37 -3.38	46.40 2.99 0.00	40.40 2.50 0.00
DANSKAMMER__3 23590	35.86 2.19 0.00	32.31 1.97 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.46 2.10 0.00	38.18 2.30 0.00	39.38 2.78 0.00	42.97 3.03 0.00	46.85 3.15 0.00	51.31 3.40 0.00	60.22 4.20 0.00	64.85 4.53 0.00	79.98 6.47 0.00	107.05 8.99 -0.29	121.26 10.16 -0.57	106.95 7.59 -7.80	82.35 5.27 -7.76	67.06 3.78 -5.98	57.01 3.37 -3.38	46.40 2.99 0.00	40.40 2.50 0.00

DANSKAMMER___4 23591	35.86 2.19 0.00	32.31 1.97 0.00	30.60 1.84 0.00	29.95 1.78 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.46 2.10 0.00	38.18 2.30 0.00	39.38 2.78 0.00	42.97 3.03 0.00	46.85 3.15 0.00	51.31 3.40 0.00	60.22 4.20 0.00	64.85 4.53 0.00	79.98 6.47 0.00	107.05 8.99 -0.29	121.26 10.16 -0.57	106.95 7.59 -7.80	82.35 5.27 -7.76	67.06 3.78 -5.98	57.01 3.37 -3.38	46.40 2.99 0.00	40.40 2.50 0.00
DANSKAMMER___DIESEL 23592	35.89 2.22 0.00	32.32 1.97 0.00	30.63 1.87 0.00	29.94 1.77 0.00	30.03 1.83 0.00	31.05 1.78 0.00	32.87 1.92 0.00	36.46 2.10 0.00	38.21 2.33 0.00	39.38 2.78 0.00	42.93 3.00 0.00	46.85 3.15 0.00	51.26 3.35 0.00	60.16 4.15 0.00	64.85 4.52 0.00	79.98 6.47 0.00	107.06 9.00 -0.29	121.26 10.17 -0.57	106.95 7.60 -7.80	82.42 5.34 -7.76	67.06 3.78 -5.98	57.06 3.42 -3.38	46.40 3.00 0.00	40.44 2.54 0.00
DARBY___SOLAR 323810	35.72 2.05 0.00	32.19 1.85 0.00	30.49 1.73 0.00	29.86 1.69 0.00	29.86 1.66 0.00	30.96 1.70 0.00	32.75 1.79 0.00	36.39 2.03 0.00	37.92 2.04 0.00	38.80 2.20 0.00	42.17 2.23 0.00	46.28 2.58 0.00	50.73 2.83 0.00	59.38 3.36 0.00	64.49 4.16 0.00	79.04 5.52 -0.01	107.44 7.53 -2.14	134.88 9.51 -14.85	197.77 8.06 -98.16	170.75 6.10 -95.33	125.20 5.10 -62.81	88.23 4.42 -33.55	46.84 3.43 0.00	40.55 2.65 0.00
DASHVILLE___HYD 23610	35.29 1.62 0.00	31.80 1.46 0.00	30.17 1.41 0.00	29.52 1.35 0.00	29.60 1.41 0.00	30.61 1.35 0.00	32.38 1.42 0.00	36.05 1.68 0.00	37.74 1.87 0.00	38.94 2.34 0.00	42.41 2.48 0.00	46.24 2.53 0.00	50.78 2.87 0.00	59.49 3.47 0.00	64.07 3.74 0.00	79.02 5.51 0.00	105.40 8.31 0.68	115.36 9.28 4.45	105.66 6.87 -7.24	80.67 3.47 -7.88	68.48 2.01 -9.18	57.97 1.96 -5.75	45.53 2.13 0.00	39.68 1.78 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.28 3.37 -7.24	41.23 2.91 -7.98	36.35 2.85 -4.74	33.64 2.82 -2.65	31.04 2.85 0.00	33.36 2.93 -1.17	33.86 2.91 0.00	37.94 3.57 0.00	42.94 4.20 -2.87	44.73 4.98 -3.15	49.74 5.95 -3.85	51.76 6.51 -1.54	61.53 7.19 -6.43	70.68 8.29 -6.37	74.99 8.75 -5.92	103.47 10.88 -19.09	123.40 15.45 -10.17	143.14 17.35 -15.27	123.14 12.73 -18.86	87.17 8.94 -8.91	70.49 7.16 -6.04	64.77 6.84 -7.67	51.16 5.47 -2.28	49.76 4.81 -7.05
DELAWARE___LFGE 323621	34.88 1.21 0.00	31.44 1.09 0.00	29.82 1.06 0.00	29.24 1.07 0.00	29.24 1.04 0.00	30.37 1.11 0.00	32.13 1.18 0.00	35.64 1.27 0.00	37.13 1.26 0.00	38.23 1.54 -0.09	41.61 1.68 0.00	45.58 1.88 0.00	50.02 2.11 0.00	58.60 2.58 -0.01	63.16 2.84 0.00	77.03 3.45 -0.06	103.06 4.50 -0.79	116.89 5.19 -1.17	106.84 4.49 -10.81	83.78 3.33 -11.13	68.90 2.69 -8.92	57.64 2.31 -5.07	45.34 1.87 -0.06	39.42 1.52 0.00
DERFIELD_115KV_TB7 355931	33.90 0.24 0.00	30.56 0.21 0.00	28.96 0.20 0.00	28.37 0.20 0.00	28.39 0.20 0.00	29.47 0.20 0.00	31.17 0.22 0.00	34.61 0.24 0.00	36.09 0.22 0.00	36.93 0.33 0.00	40.29 0.36 0.00	44.10 0.39 0.00	48.34 0.43 0.00	56.58 0.56 0.00	60.93 0.60 0.00	74.32 0.81 0.00	100.59 1.08 -1.74	112.88 1.22 -1.14	94.02 1.01 -1.46	70.08 0.76 0.00	57.92 0.63 0.00	50.81 0.55 0.00	43.84 0.43 0.00	38.24 0.34 0.00
DOGLEVILLE___HYD 23807	34.17 0.51 0.00	30.77 0.42 0.00	29.16 0.40 0.00	28.56 0.39 0.00	28.59 0.39 0.00	29.73 0.47 0.00	31.45 0.49 0.00	34.95 0.58 0.00	36.45 0.57 0.00	37.29 0.69 0.00	40.69 0.76 0.00	44.53 0.83 0.00	48.87 0.96 0.00	57.25 1.23 0.00	61.47 1.14 0.00	74.98 1.47 0.00	101.47 1.95 -1.74	113.88 2.21 -1.14	94.94 1.93 -1.46	70.85 1.52 0.00	58.55 1.26 0.00	51.57 1.30 0.00	44.45 1.04 0.00	38.70 0.80 0.00
DUNKIRK___115KV_TB_200 55889	34.78 1.11 0.00	30.74 0.39 0.00	28.93 0.17 0.00	28.23 0.06 0.00	28.11 -0.08 0.00	29.52 0.26 0.00	30.83 -0.12 0.00	34.50 0.14 0.00	36.63 0.75 0.00	37.95 1.35 0.00	42.29 2.36 0.00	46.68 2.97 0.00	51.93 4.02 0.00	61.17 5.15 0.00	65.45 5.13 0.00	77.33 3.82 0.00	101.88 4.11 0.00	112.96 2.43 0.00	97.05 5.49 0.00	75.01 5.68 0.00	63.19 5.90 0.00	52.88 2.61 0.00	45.79 2.39 0.00	40.25 2.35 0.00
DUNKIRK___1 23563	34.78 1.11 0.00	30.74 0.39 0.00	28.93 0.17 0.00	28.23 0.06 0.00	28.11 -0.08 0.00	29.52 0.26 0.00	30.83 -0.12 0.00	34.50 0.14 0.00	36.63 0.75 0.00	37.95 1.35 0.00	42.29 2.36 0.00	46.68 2.97 0.00	51.93 4.02 0.00	61.17 5.15 0.00	65.45 5.13 0.00	77.33 3.82 0.00	101.88 4.11 0.00	112.96 2.43 0.00	97.05 5.49 0.00	75.01 5.68 0.00	63.19 5.90 0.00	52.88 2.61 0.00	45.79 2.39 0.00	40.25 2.35 0.00
DUNKIRK___2 23564	34.78 1.11 0.00	30.74 0.39 0.00	28.93 0.17 0.00	28.23 0.06 0.00	28.11 -0.08 0.00	29.52 0.26 0.00	30.83 -0.12 0.00	34.50 0.14 0.00	36.63 0.75 0.00	37.95 1.35 0.00	42.29 2.36 0.00	46.68 2.97 0.00	51.93 4.02 0.00	61.17 5.15 0.00	65.45 5.13 0.00	77.33 3.82 0.00	101.88 4.11 0.00	112.96 2.43 0.00	97.05 5.49 0.00	75.01 5.68 0.00	63.19 5.90 0.00	52.88 2.61 0.00	45.79 2.39 0.00	40.25 2.35 0.00
DUNKIRK___3 23565	34.58 0.91 0.00	30.59 0.24 0.00	28.79 0.03 0.00	28.09 -0.08 0.00	27.97 -0.23 0.00	29.35 0.09 0.00	30.64 -0.31 0.00	34.23 -0.14 0.00	36.34 0.47 0.00	37.70 1.10 0.00	41.97 2.04 0.00	46.37 2.67 0.00	51.55 3.64 0.00	60.72 4.71 0.00	64.97 4.65 0.00	76.74 3.23 0.00	101.20 3.42 0.00	112.07 1.55 0.00	96.31 4.76 0.00	74.45 5.13 0.00	62.74 5.44 0.00	52.47 2.21 0.00	45.49 2.08 0.00	39.98 2.08 0.00
DUNKIRK___4 23566	34.58 0.91 0.00	30.59 0.24 0.00	28.79 0.03 0.00	28.09 -0.08 0.00	27.97 -0.23 0.00	29.35 0.09 0.00	30.64 -0.31 0.00	34.23 -0.14 0.00	36.34 0.47 0.00	37.70 1.10 0.00	41.97 2.04 0.00	46.37 2.67 0.00	51.55 3.64 0.00	60.72 4.71 0.00	64.97 4.65 0.00	76.74 3.23 0.00	101.20 3.42 0.00	112.07 1.55 0.00	96.31 4.76 0.00	74.45 5.13 0.00	62.74 5.44 0.00	52.47 2.21 0.00	45.49 2.08 0.00	39.98 2.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.86 2.19 0.00	32.29 1.94 0.00	30.60 1.84 0.00	29.89 1.72 0.00	29.97 1.78 0.00	31.02 1.76 0.00	32.93 1.98 0.00	36.67 2.30 0.00	38.39 2.51 0.00	39.64 3.04 0.00	43.09 3.15 0.00	47.03 3.32 0.00	51.45 3.55 0.00	60.22 4.20 0.00	64.67 4.34 0.00	79.68 6.17 0.00	106.56 8.41 -0.38	121.76 9.62 -1.62	107.65 6.96 -9.14	82.94 4.71 -8.90	66.54 3.21 -6.04	56.80 3.32 -3.23	46.32 2.91 0.00	40.44 2.54 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.52 1.85 0.00	32.01 1.67 0.00	30.34 1.58 0.00	29.66 1.49 0.00	29.74 1.55 0.00	30.78 1.52 0.00	32.59 1.64 0.00	36.15 1.79 0.00	37.81 1.94 0.00	39.01 2.42 0.00	42.49 2.56 0.00	46.41 2.71 0.00	50.78 2.87 0.00	59.49 3.47 0.00	64.07 3.74 0.00	78.95 5.44 0.00	105.55 7.53 -0.25	119.64 8.62 -0.49	105.36 6.32 -7.49	81.08 4.30 -7.46	66.02 2.98 -5.75	56.32 2.81 -3.25	45.88 2.47 0.00	40.02 2.12 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.24 2.56 -0.01	32.60 2.25 -0.01	30.84 2.07 -0.01	30.12 1.94 -0.01	30.23 2.03 -0.01	31.26 1.99 -0.01	33.24 2.29 0.00	36.98 2.61 -0.01	38.53 2.65 0.00	39.82 3.22 0.00	43.25 3.31 0.00	47.16 3.45 0.00	51.36 3.45 0.00	60.21 4.20 0.01	64.36 4.04 0.01	79.40 5.88 -0.01	106.18 8.02 -0.39	121.44 9.28 -1.63	107.20 6.50 -9.15	82.53 4.30 -8.91	66.07 2.75 -6.03	56.61 3.12 -3.23	46.45 3.04 -0.01	40.79 2.88 -0.01
E179THST_13_KV_LOAD 356214	36.47 2.79 -0.01	32.78 2.43 -0.01	31.01 2.24 -0.01	30.29 2.11 -0.01	30.37 2.17 -0.01	31.43 2.17 -0.01	33.43 2.48 0.00	37.22 2.85 -0.01	38.78 2.91 0.00	40.08 3.48 0.00	43.57 3.63 0.00	47.51 3.80 0.00	51.74 3.83 0.00	60.71 4.71 0.01	64.90 4.58 0.01	80.06 6.54 -0.01	107.06 8.90 -0.39	122.43 10.28 -1.63	108.03 7.32 -9.15	83.16 4.92 -8.91	66.53 3.21 -6.03	57.01 3.52 -3.23	46.80 3.39 -0.01	41.05 3.15 -0.01
EAST HAMPTON___GT 23717	44.38 3.47 -7.24	41.35 3.03 -7.98	36.52 3.02 -4.74	33.86 3.04 -2.65	31.30 3.10 0.00	33.65 3.22 -1.17	34.17 3.22 0.00	38.35 3.98 0.00	43.52 4.77 -2.87	45.42 5.67 -3.15	50.61 6.83 -3.85	52.72 7.47 -1.54	62.78 8.43 -6.43	72.36 9.97 -6.38	76.37 10.13 -5.92	105.10 12.50 -19.09	125.45 17.50 -10.18	145.26 19.46 -15.28	124.79 14.37 -18.86	88.43 10.19 -8.91	71.70 8.36 -6.04	65.72 7.79 -7.67	52.03 6.34 -2.28	50.37 5.42 -7.05
EAST RIVER___6 23660	35.99 2.32 0.00	32.41 2.06 0.00	30.63 1.87 0.00	29.95 1.78 0.00	30.05 1.86 0.00	31.08 1.81 0.00	32.99 2.04 0.00	36.80 2.44 0.00	38.57 2.69 0.00	39.93 3.33 0.00	43.45 3.52 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.66 4.65 0.00	64.79 4.46 0.00	79.98 6.47 0.00	106.85 8.70 -0.38	122.10 9.95 -1.62	107.57 6.87 -9.14	82.67 4.44 -8.90	66.19 2.86 -6.04	56.66 3.17 -3.23	46.44 3.04 0.00	40.51 2.61 0.00
EAST RIVER___7 23524	35.99 2.32 0.00	32.41 2.06 0.00	30.63 1.87 0.00	29.95 1.78 0.00	30.05 1.86 0.00	31.08 1.81 0.00	32.99 2.04 0.00	36.80 2.44 0.00	38.57 2.69 0.00	39.93 3.33 0.00	43.45 3.52 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.66 4.65 0.00	64.79 4.46 0.00	79.98 6.47 0.00	106.85 8.70 -0.38	122.10 9.95 -1.62	107.57 6.87 -9.14	82.67 4.44 -8.90	66.19 2.86 -6.04	56.66 3.17 -3.23	46.44 3.04 0.00	40.51 2.61 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.76 2.09 0.00	32.22 1.88 0.00	30.51 1.75 0.00	29.83 1.66 0.00	29.91 1.72 0.00	30.96 1.70 0.00	32.84 1.89 0.00	36.53 2.16 0.00	38.25 2.37 0.00	39.49 2.89 0.00	42.93 3.00 0.00	46.90 3.19 0.00	51.26 3.35 0.00	59.99 3.98 0.00	64.49 4.16 0.00	79.46 5.95 0.00	106.27 8.12 -0.38	121.43 9.28 -1.62	107.35 6.68 -9.12	82.71 4.51 -8.88	66.35 3.04 -6.02	56.60 3.12 -3.22	46.18 2.78 0.00	40.29 2.39 0.00
EAST_HAMPTON___DIESEL 23722	44.31 3.40 -7.24	41.30 2.98 -7.98	36.49 2.99 -4.74	33.86 3.04 -2.65	31.27 3.07 0.00	33.65 3.22 -1.17	34.14 3.19 0.00	38.35 3.98 0.00	43.52 4.77 -2.87	45.42 5.67 -3.15	50.61 6.83 -3.85	52.68 7.43 -1.54	62.78 8.43 -6.43	72.36 9.97 -6.38	76.37 10.13 -5.92	105.03 12.43 -19.09	125.35 17.40 -10.18	145.14 19.34 -15.28	124.69 14.28 -18.86	88.35 10.12 -8.91	71.64 8.30 -6.04	65.72 7.79 -7.67	51.98 6.29 -2.28	50.33 5.38 -7.05
EAST_POINT___SOLAR 323840	36.90 3.23 0.00	33.19 2.85 0.00	31.35 2.59 0.00	30.68 2.51 0.00	30.73 2.54 0.00	31.92 2.66 0.00	33.40 2.44 0.00	36.29 1.92 0.00	36.99 1.11 0.00	37.70 1.10 0.00	41.05 1.12 0.00	45.06 1.36 0.00	49.44 1.53 0.00	57.86 1.85 0.00	63.70 3.38 0.00	77.55 4.04 0.00	104.13 5.77 -0.59	125.33 10.39 -4.42	184.76 12.45 -80.76	163.32 9.22 -84.78	126.96 7.79 -61.87	91.24 6.69 -34.30	48.40 4.99 0.00	41.84 3.94 0.00
EAST_PULASKI___ESR 323781	33.50 -0.17 0.00	30.10 -0.24 0.00	28.47 -0.29 0.00	27.86 -0.31 0.00	27.86 -0.34 0.00	28.97 -0.29 0.00	30.67 -0.28 0.00	34.09 -0.28 0.00	35.55 -0.32 0.00	37.27 -0.22 -0.88	39.57 -0.36 0.00	43.40 -0.30 0.00	47.76 -0.14 0.00	56.04 -0.06 -0.08	60.27 -0.06 0.00	73.82 -0.29 -0.60	102.49 -0.58 -5.30	119.28 -0.77 -9.53	95.56 0.00 -4.00	71.91 0.49 -2.10	62.62 0.57 -4.75	53.46 0.15 -3.05	43.96 -0.04 -0.60	37.90 0.00 0.00
EAST_RIVER___1 323558	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.11 1.84 0.00	33.06 2.11 0.00	36.84 2.48 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.33 3.63 0.00	51.74 3.83 0.00	60.66 4.65 0.00	64.91 4.58 0.00	80.05 6.54 0.00	106.96 8.80 -0.38	122.20 10.06 -1.62	107.75 7.05 -9.14	82.87 4.65 -8.90	66.42 3.09 -6.04	56.75 3.27 -3.23	46.44 3.04 0.00	40.51 2.61 0.00
EAST_RIVER___2 323559	35.99 2.32 0.00	32.41 2.06 0.00	30.63 1.87 0.00	29.95 1.78 0.00	30.05 1.86 0.00	31.08 1.81 0.00	32.99 2.04 0.00	36.80 2.44 0.00	38.57 2.69 0.00	39.93 3.33 0.00	43.45 3.52 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.66 4.65 0.00	64.79 4.46 0.00	79.98 6.47 0.00	106.85 8.70 -0.38	122.10 9.95 -1.62	107.57 6.87 -9.14	82.67 4.44 -8.90	66.19 2.86 -6.04	56.66 3.17 -3.23	46.44 3.04 0.00	40.51 2.61 0.00
EAST___DELAWARE_HYD 23607	34.68 1.01 0.00	31.25 0.91 0.00	29.59 0.83 0.00	28.99 0.82 0.00	29.04 0.85 0.00	30.05 0.79 0.00	31.82 0.87 0.00	35.26 0.89 0.00	36.92 1.04 0.00	38.03 1.43 0.00	41.45 1.52 0.00	45.23 1.53 0.00	49.63 1.72 0.00	58.26 2.24 0.00	62.74 2.42 0.00	77.40 3.89 0.00	103.44 5.67 0.00	117.04 6.52 0.00	104.45 4.76 -8.14	80.62 3.19 -8.11	65.61 2.06 -6.25	55.60 1.81 -3.53	44.93 1.52 0.00	39.04 1.14 0.00
EIGHT_POINT___WT_PWR 323820	34.92 1.25 0.00	31.04 0.70 0.00	29.22 0.46 0.00	28.42 0.25 0.00	28.42 0.22 0.00	29.76 0.50 0.00	31.35 0.40 0.00	35.12 0.76 0.00	36.95 1.08 0.00	38.29 1.57 -0.12	42.17 2.23 0.00	46.46 2.76 0.00	51.50 3.59 0.00	60.12 4.09 -0.01	64.49 4.16 0.00	76.91 3.31 -0.09	103.16 4.40 -0.98	115.28 3.31 -1.44	97.71 5.40 -0.76	75.21 5.61 -0.28	63.25 5.33 -0.63	53.83 3.17 -0.40	46.05 2.56 -0.08	40.17 2.27 0.00
ELBRIDGE_115KV_TB2 80188	33.70 0.03 0.00	30.28 -0.06 0.00	28.65 -0.12 0.00	28.00 -0.17 0.00	28.00 -0.20 0.00	29.11 -0.15 0.00	30.77 -0.19 0.00	34.26 -0.10 0.00	35.81 -0.07 0.00	37.30 0.11 -0.59	40.21 0.28 0.00	44.05 0.35 0.00	48.43 0.53 0.00	56.80 0.73 -0.05	61.05 0.72 0.00	74.42 0.51 -0.40	103.37 0.68 -4.91	118.21 0.44 -7.25	96.36 1.01 -3.80	71.76 1.04 -1.40	61.54 1.09 -3.16	52.79 0.50 -2.03	44.11 0.30 -0.40	38.05 0.15 0.00
ELEC_TRO_TEK 24086	43.57 2.66 -7.24	40.69 2.37 -7.98	35.72 2.21 -4.74	32.93 2.11 -2.65	30.34 2.14 0.00	32.60 2.17 -1.17	33.24 2.29 0.00	37.04 2.68 0.00	41.69 2.94 -2.87	43.26 3.51 -3.15	47.50 3.71 -3.85	49.22 3.98 -1.54	64.65 4.22 -12.52	91.68 4.87 -30.79	94.00 5.13 -28.54	172.63 6.91 -92.21	155.20 9.78 -47.65	158.47 11.16 -36.79	155.48 7.87 -56.06	83.42 5.20 -8.90	67.34 4.01 -6.04	61.95 4.02 -7.67	49.20 3.52 -2.28	47.98 3.03 -7.05

ELLENBURG_WT_PWR 323604	33.06 -0.61 0.00	29.83 -0.52 0.00	28.36 -0.40 0.00	27.80 -0.37 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.86 -0.09 0.00	33.88 -0.48 0.00	35.52 -0.36 0.00	35.79 -0.81 0.00	39.09 -0.84 0.00	42.66 -1.05 0.00	46.23 -1.68 0.00	52.99 -3.03 0.00	57.01 -3.32 0.00	69.09 -4.41 0.01	57.32 -5.67 34.78	81.81 -5.86 22.86	57.80 -5.13 28.63	65.37 -3.95 0.01	54.49 -2.81 0.00	48.20 -2.06 0.00	42.45 -0.96 0.00	37.22 -0.68 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.28 0.61 0.00	30.25 -0.09 0.00	28.50 -0.26 0.00	27.80 -0.37 0.00	27.69 -0.51 0.00	29.03 -0.23 0.00	30.21 -0.74 0.00	33.57 -0.79 0.00	35.73 -0.14 0.00	36.97 0.37 0.00	41.21 1.28 0.00	45.54 1.84 0.00	50.69 2.78 0.00	59.66 3.64 0.00	63.70 3.38 0.00	75.12 1.62 0.00	98.85 1.08 0.00	109.42 -1.11 0.00	94.30 2.75 0.00	73.00 3.67 0.00	61.65 4.35 0.00	51.57 1.31 0.00	44.75 1.35 0.00	39.53 1.63 0.00
EMPIRE_CC_1 323656	34.61 0.94 0.00	31.22 0.88 0.00	29.65 0.89 0.00	29.16 0.99 0.00	29.15 0.96 0.00	30.08 0.82 0.00	31.82 0.87 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.62 1.02 0.00	40.93 1.00 0.00	44.67 0.96 0.00	48.82 0.91 0.00	57.31 1.29 0.00	62.01 1.69 0.00	76.10 2.57 -0.02	103.45 3.42 -2.26	133.65 4.09 -19.03	144.91 3.02 -50.34	118.19 2.01 -46.86	80.21 1.43 -21.49	61.24 1.46 -9.52	44.75 1.35 0.00	39.00 1.10 0.00
EMPIRE_CC_2 323658	34.61 0.94 0.00	31.22 0.88 0.00	29.65 0.89 0.00	29.16 0.99 0.00	29.15 0.96 0.00	30.08 0.82 0.00	31.82 0.87 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.62 1.02 0.00	40.93 1.00 0.00	44.67 0.96 0.00	48.82 0.91 0.00	57.31 1.29 0.00	62.01 1.69 0.00	76.10 2.57 -0.02	103.45 3.42 -2.26	133.65 4.09 -19.03	144.91 3.02 -50.34	118.19 2.01 -46.86	80.21 1.43 -21.49	61.24 1.46 -9.52	44.75 1.35 0.00	39.00 1.10 0.00
ENORWICH_115KV_TB1 80156	36.63 2.96 0.00	32.83 2.49 0.00	30.97 2.21 0.00	30.31 2.14 0.00	30.28 2.09 0.00	31.66 2.40 0.00	33.61 2.66 0.00	37.42 3.06 0.00	38.86 2.98 0.00	39.97 3.15 -0.22	43.37 3.43 0.00	47.64 3.93 0.00	52.70 4.79 0.00	62.09 6.05 -0.02	66.78 6.45 0.00	81.30 7.64 -0.15	109.59 9.97 -1.84	124.84 11.61 -2.71	108.77 11.17 -6.05	84.10 9.36 -5.42	70.50 8.25 -4.96	59.48 6.33 -2.89	48.42 4.86 -0.15	41.65 3.75 0.00
ERIE_ST__34_KV_TB1-2 80199	34.61 0.94 0.00	30.56 0.21 0.00	28.76 0.00 0.00	28.03 -0.14 0.00	27.91 -0.28 0.00	29.32 0.06 0.00	30.58 -0.37 0.00	34.12 -0.24 0.00	36.27 0.39 0.00	37.62 1.02 0.00	41.93 2.00 0.00	46.37 2.67 0.00	51.60 3.69 0.00	60.89 4.87 0.00	65.21 4.89 0.00	77.04 3.53 0.00	101.39 3.62 0.00	112.29 1.77 0.00	96.59 5.20 0.00	74.52 5.50 0.00	62.79 2.16 0.00	52.42 2.16 0.00	45.40 2.00 0.00	39.98 2.08 0.00
ERIE_WT_PWR 323693	34.54 0.87 0.00	30.43 0.09 0.00	28.82 0.06 0.00	27.97 -0.20 0.00	27.86 -0.34 0.00	29.23 -0.03 0.00	30.40 -0.56 0.00	33.99 -0.38 0.00	36.06 0.18 0.00	37.29 0.69 0.00	41.65 1.72 0.00	45.93 2.23 0.00	51.26 3.35 0.00	60.05 4.04 0.00	64.31 3.98 0.00	75.86 2.35 0.00	100.02 2.25 0.00	110.64 0.11 0.00	95.31 3.76 0.00	73.90 4.57 0.00	62.11 4.81 0.00	52.22 1.96 0.00	45.19 1.78 0.00	39.87 1.97 0.00
ESPRGFLD_115KV_TB1 80157	36.03 2.36 0.00	32.41 2.06 0.00	30.63 1.87 0.00	30.00 1.83 0.00	30.03 1.83 0.00	31.28 2.02 0.00	33.03 2.07 0.00	36.50 2.13 0.00	37.85 1.97 0.00	38.76 2.16 0.00	42.29 2.36 0.00	46.37 2.67 0.00	51.02 3.11 0.00	59.88 3.87 0.00	65.27 4.95 0.00	79.32 5.81 0.00	105.92 7.72 -0.42	123.66 10.06 -3.08	157.73 9.80 -56.38	137.02 6.79 -60.90	107.50 5.73 -44.48	79.75 4.83 -24.66	47.01 3.60 0.00	40.74 2.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.71 1.04 0.00	31.16 0.82 0.00	29.42 0.66 0.00	28.76 0.59 0.00	28.76 0.56 0.00	29.96 0.70 0.00	31.66 0.71 0.00	35.29 0.93 0.00	36.81 0.93 0.00	38.08 1.17 -0.31	41.33 1.40 0.00	45.37 1.66 0.00	49.97 2.06 0.00	58.62 2.58 -0.03	63.04 2.71 0.00	76.66 2.94 -0.21	104.25 3.91 -2.56	118.50 4.20 -3.78	100.15 4.49 -4.12	76.15 3.88 -2.95	64.15 3.49 -3.36	54.70 2.41 -2.02	45.48 1.87 -0.21	39.34 1.44 0.00
ETNA____115KV_TB2 80207	34.71 1.04 0.00	31.16 0.82 0.00	29.42 0.66 0.00	28.76 0.59 0.00	28.76 0.56 0.00	29.96 0.70 0.00	31.66 0.71 0.00	35.29 0.93 0.00	36.81 0.93 0.00	38.08 1.17 -0.31	41.33 1.40 0.00	45.37 1.66 0.00	49.97 2.06 0.00	58.62 2.58 -0.03	63.04 2.71 0.00	76.66 2.94 -0.21	104.25 3.91 -2.56	118.50 4.20 -3.78	100.15 4.49 -4.12	76.15 3.88 -2.95	64.15 3.49 -3.36	54.70 2.41 -2.02	45.48 1.87 -0.21	39.34 1.44 0.00
EUCLID__115KV_TB2 356179	33.47 -0.20 0.00	30.10 -0.24 0.00	28.44 -0.32 0.00	27.83 -0.34 0.00	27.83 -0.37 0.00	28.94 -0.32 0.00	30.58 -0.37 0.00	34.02 -0.34 0.00	35.59 -0.29 0.00	36.74 -0.11 -0.25	39.97 0.04 0.00	43.79 0.09 0.00	48.19 0.29 0.00	56.49 0.45 -0.02	60.75 0.42 0.00	73.90 0.22 -0.17	100.08 0.20 -2.11	113.52 -0.11 -3.11	93.55 0.37 -1.63	70.48 0.55 -0.60	59.34 0.69 -1.36	51.28 0.15 -0.87	43.62 0.04 -0.17	37.82 -0.08 0.00
E_CANADA_CAP_HY 24051	36.60 2.93 0.00	32.92 2.58 0.00	31.12 2.36 0.00	30.45 2.28 0.00	30.48 2.28 0.00	31.72 2.46 0.00	33.43 2.48 0.00	36.73 2.37 0.00	37.89 2.01 0.00	38.65 2.05 0.00	42.13 2.19 0.00	46.19 2.49 0.00	50.78 2.87 0.00	59.49 3.47 0.00	65.45 5.12 0.00	79.54 6.03 0.00	106.62 8.31 -0.54	126.48 11.94 -4.01	176.76 11.99 -73.21	156.57 8.25 -79.00	121.77 6.81 -57.66	88.21 5.98 -31.97	47.88 4.47 0.00	41.43 3.53 0.00
E_CANADA_MHWK_HY 24050	34.17 0.51 0.00	30.77 0.42 0.00	29.16 0.40 0.00	28.56 0.39 0.00	28.59 0.39 0.00	29.73 0.47 0.00	31.45 0.49 0.00	34.95 0.58 0.00	36.45 0.57 0.00	37.29 0.69 0.00	40.69 0.76 0.00	44.53 0.83 0.00	48.87 0.96 0.00	57.25 1.23 0.00	61.47 1.14 0.00	74.98 1.47 0.00	101.47 1.95 -1.74	113.88 2.21 -1.14	94.94 1.93 -1.46	70.85 1.52 0.00	58.55 1.26 0.00	51.57 1.30 0.00	44.45 1.04 0.00	38.70 0.80 0.00
E_FISHKILL__LBMP 23776	35.49 1.82 0.00	31.98 1.64 0.00	30.31 1.55 0.00	29.66 1.49 0.00	29.74 1.55 0.00	30.78 1.52 0.00	32.62 1.67 0.00	36.22 1.86 0.00	37.85 1.97 0.00	39.05 2.45 0.00	42.45 2.52 0.00	46.37 2.67 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.83 3.50 0.00	78.58 5.07 0.00	105.01 6.84 -0.40	120.16 7.96 -1.68	106.61 5.68 -9.38	82.26 3.81 -9.13	66.12 2.64 -6.19	56.28 2.71 -3.30	45.79 2.39 0.00	39.98 2.08 0.00
FALCON___SEABRD_CC1 323796	33.44 -0.23 0.00	30.13 -0.21 0.00	28.67 -0.09 0.00	28.11 -0.06 0.00	28.17 -0.03 0.00	29.67 0.41 0.00	31.76 0.80 0.00	34.43 0.07 0.00	36.16 0.29 0.00	36.34 -0.25 0.00	39.74 -0.20 0.00	43.40 -0.30 0.00	46.33 -1.58 0.00	51.93 -4.09 0.00	55.86 -4.46 0.00	67.40 -6.10 0.01	55.64 -7.53 34.61	79.82 -7.96 22.74	55.94 -7.05 28.56	63.84 -5.48 0.01	53.57 -3.72 0.00	47.70 -2.56 0.00	43.19 -0.22 0.00	37.86 -0.04 0.00

FALCON___SEABRD_CC2 323797	33.44 -0.23 0.00	30.13 -0.21 0.00	28.67 -0.09 0.00	28.11 -0.06 0.00	28.17 -0.03 0.00	29.67 0.41 0.00	31.76 0.80 0.00	34.43 0.07 0.00	36.16 0.29 0.00	36.34 -0.25 0.00	39.74 -0.20 0.00	43.40 -0.30 0.00	46.33 -1.58 0.00	51.93 -4.09 0.00	55.86 -4.46 0.00	67.40 -6.10 0.01	55.64 -7.53 34.61	79.82 -7.96 22.74	55.94 -7.05 28.56	63.84 -5.48 0.01	53.57 -3.72 0.00	47.70 -2.56 0.00	43.19 -0.22 0.00	37.86 -0.04 0.00
FAR ROCKAWAY___4 23548	44.28 3.37 -7.24	41.23 2.91 -7.98	36.23 2.73 -4.74	33.41 2.59 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.71 2.75 0.00	37.59 3.23 0.00	42.30 3.55 -2.87	43.92 4.17 -3.15	48.38 4.59 -3.85	50.31 5.07 -1.54	63.44 4.98 -10.55	84.17 5.27 -22.88	87.03 5.49 -21.22	149.47 7.42 -68.54	143.95 10.66 -35.52	150.44 12.16 -27.76	144.17 8.61 -44.01	84.05 5.82 -8.90	68.37 5.04 -6.04	62.80 4.88 -7.67	50.28 4.60 -2.28	48.85 3.90 -7.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.06 2.39 0.00	32.44 2.09 0.00	30.72 1.96 0.00	30.00 1.83 0.00	30.08 1.89 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.87 2.51 0.00	38.64 2.76 0.00	39.97 3.37 0.00	43.37 3.43 0.00	47.33 3.63 0.00	51.74 3.83 0.00	60.55 4.54 0.00	64.91 4.58 0.00	80.05 6.54 0.00	107.05 8.90 -0.38	122.32 10.17 -1.62	107.84 7.14 -9.14	83.01 4.78 -8.90	66.48 3.15 -6.04	56.90 3.42 -3.23	46.49 3.08 0.00	40.59 2.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.06 2.39 0.00	32.44 2.09 0.00	30.72 1.96 0.00	30.00 1.83 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.87 2.51 0.00	38.64 2.76 0.00	39.97 3.37 0.00	43.37 3.43 0.00	47.33 3.63 0.00	51.74 3.83 0.00	60.61 4.59 0.00	64.91 4.58 0.00	80.05 6.54 0.00	107.05 8.90 -0.38	122.32 10.17 -1.62	107.84 7.14 -9.14	83.01 4.78 -8.90	66.48 3.15 -6.04	56.90 3.42 -3.23	46.49 3.08 0.00	40.59 2.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.06 2.10 0.00	36.87 2.51 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.33 3.39 0.00	47.29 3.58 0.00	51.69 3.78 0.00	60.55 4.54 0.00	64.85 4.52 0.00	79.98 6.47 0.00	106.96 8.80 -0.38	122.20 10.06 -1.62	107.75 7.05 -9.14	82.94 4.71 -8.90	66.42 3.09 -6.04	56.85 3.37 -3.23	46.45 3.04 0.00	40.55 2.65 0.00
FARRAGUT___LBMP 323566	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.57 2.69 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.24 3.54 0.00	51.60 3.69 0.00	60.44 4.43 0.00	64.79 4.46 0.00	79.90 6.40 0.00	106.76 8.60 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	82.80 4.58 -8.90	66.37 3.04 -6.04	56.80 3.32 -3.23	46.40 3.00 0.00	40.52 2.62 0.00
FENNER___WINDPWR 24204	34.61 0.94 0.00	31.13 0.79 0.00	29.42 0.66 0.00	28.79 0.62 0.00	28.79 0.59 0.00	29.96 0.70 0.00	31.73 0.77 0.00	35.29 0.93 0.00	36.81 0.93 0.00	37.94 1.10 -0.24	41.21 1.28 0.00	45.19 1.49 0.00	49.77 1.87 0.00	58.39 2.35 -0.02	62.86 2.53 0.00	76.53 2.86 -0.16	103.58 3.81 -2.00	117.67 4.20 -2.95	97.12 4.02 -1.55	73.29 3.40 -0.57	61.56 2.98 -1.29	53.35 2.26 -0.82	45.22 1.65 -0.16	39.15 1.25 0.00
FIBERTEK___ENERGY 23856	33.87 0.20 0.00	30.46 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.48 0.33 -0.55	40.45 0.52 0.00	44.14 0.44 0.00	48.48 0.57 0.00	56.85 0.78 -0.05	61.11 0.78 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.55 -6.83	96.24 1.10 -3.58	71.68 1.04 -1.32	61.36 1.09 -2.98	52.68 0.50 -1.91	44.13 0.35 -0.37	38.05 0.15 0.00
FITZPATRICK____ 23598	32.86 -0.81 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.38 -0.79 0.00	27.38 -0.82 0.00	28.47 -0.79 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.71 -0.81 3.09	39.09 -0.84 0.00	42.87 -0.83 0.00	47.14 -0.77 0.00	54.90 -0.84 0.28	59.36 -0.97 0.00	70.00 -1.40 2.11	70.00 -1.95 25.82	70.00 -2.43 38.09	70.00 -1.56 20.00	61.00 -0.97 7.35	40.00 -0.68 16.61	38.70 -0.90 10.66	40.50 -0.83 2.08	37.14 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	43.94 3.03 -7.24	41.02 2.70 -7.98	36.06 2.56 -4.74	33.27 2.45 -2.65	30.68 2.48 0.00	32.98 2.55 -1.17	33.52 2.57 0.00	37.46 3.09 0.00	42.08 3.34 -2.87	43.70 3.95 -3.15	48.22 4.43 -3.85	49.96 4.72 -1.54	59.51 5.08 -6.52	68.27 5.55 -6.71	72.47 5.91 -6.23	101.33 7.72 -20.11	119.63 11.15 -10.71	148.73 12.60 -25.61	120.01 9.06 -19.39	84.27 6.03 -8.92	68.03 4.70 -6.04	62.76 4.83 -7.67	49.81 4.12 -2.28	48.62 3.68 -7.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.96 2.29 0.00	32.38 2.03 0.00	30.69 1.93 0.00	30.00 1.83 0.00	30.08 1.89 0.00	31.10 1.84 0.00	32.96 2.01 0.00	36.53 2.16 0.00	38.28 2.40 0.00	39.49 2.89 0.00	43.05 3.11 0.00	46.98 3.28 0.00	51.40 3.50 0.00	60.33 4.31 0.00	65.03 4.71 0.00	80.27 6.76 0.00	107.37 9.29 -0.31	121.74 10.61 -0.60	107.32 7.97 -7.80	82.63 5.55 -7.76	67.46 3.95 -6.21	57.21 3.57 -3.38	46.53 3.13 0.00	40.55 2.65 0.00
FORT ORANGE____ 23900	34.68 1.01 0.00	31.25 0.91 0.00	29.65 0.89 0.00	29.07 0.90 0.00	29.10 0.90 0.00	30.11 0.85 0.00	31.85 0.90 0.00	35.05 0.69 0.00	36.52 0.65 0.00	37.33 0.73 0.00	40.65 0.72 0.00	44.49 0.79 0.00	48.34 0.43 0.00	56.63 0.62 0.00	61.29 0.96 0.00	75.17 1.69 0.03	94.39 2.54 5.92	78.73 3.43 35.22	91.38 2.47 2.65	73.39 1.60 -2.48	83.99 1.09 -25.62	70.04 1.10 -18.67	44.67 1.26 0.00	39.11 1.21 0.00
FORT_DRUM_COGEN 23780	33.90 0.24 0.00	30.46 0.12 0.00	28.82 0.06 0.00	28.23 0.06 0.00	28.22 0.03 0.00	29.38 0.12 0.00	31.26 0.31 0.00	34.67 0.31 0.00	36.02 0.14 0.00	37.19 0.15 -0.44	39.93 0.00 0.00	43.70 0.00 0.00	48.24 0.34 0.00	56.62 0.56 -0.04	60.87 0.54 0.00	74.40 0.59 -0.30	95.16 0.59 3.20	112.34 0.88 -0.93	90.39 1.65 2.81	72.39 2.01 -1.06	61.86 2.18 -2.39	53.25 1.46 -1.53	44.40 0.69 -0.30	38.36 0.45 0.00
FOX_HILLS___ESR 323835	36.27 2.59 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.31 2.05 0.00	33.24 2.29 0.00	37.05 2.68 -0.01	38.68 2.80 0.00	39.89 3.29 0.00	43.33 3.39 0.00	47.29 3.58 0.00	51.60 3.69 0.00	67.52 4.43 -7.08	69.30 4.22 -4.75	79.60 6.10 0.01	106.36 8.21 -0.38	121.64 9.51 -1.62	107.37 6.68 -9.14	80.80 4.37 -7.11	66.19 2.86 -6.03	65.70 3.27 -12.17	46.49 3.08 0.00	40.86 2.96 0.00
FPL FAR_ROCK_GT1 24212	44.25 3.33 -7.24	41.23 2.91 -7.98	36.20 2.70 -4.74	33.41 2.59 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.71 2.75 0.00	37.59 3.23 0.00	42.30 3.55 -2.87	43.92 4.17 -3.15	48.42 4.63 -3.85	50.27 5.02 -1.54	63.48 5.03 -10.55	84.28 5.38 -22.88	87.03 5.49 -21.22	149.55 7.50 -68.54	143.95 10.66 -35.52	150.44 12.16 -27.76	144.17 8.60 -44.01	83.97 5.75 -8.90	68.43 5.10 -6.04	62.75 4.83 -7.67	49.90 4.21 -2.28	48.82 3.87 -7.05

FPL FAR_ROCK_GT2 23815	44.25 3.33 -7.24	41.23 2.91 -7.98	36.20 2.70 -4.74	33.41 2.59 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.71 2.75 0.00	37.59 3.23 0.00	42.30 3.55 -2.87	43.92 4.17 -3.15	48.42 4.63 -3.85	50.27 5.02 -1.54	63.48 5.03 -10.55	84.28 5.38 -22.88	87.03 5.49 -21.22	149.55 7.50 -68.54	143.95 10.66 -35.52	150.44 12.16 -27.76	144.17 8.60 -44.01	83.97 5.75 -8.90	68.43 5.10 -6.04	62.75 4.83 -7.67	49.90 4.21 -2.28	48.82 3.87 -7.05
FRANKLIN_FALL_HYD 24054	33.16 -0.51 0.00	29.92 -0.42 0.00	28.44 -0.32 0.00	27.89 -0.28 0.00	27.91 -0.28 0.00	29.00 -0.26 0.00	31.01 0.06 0.00	34.12 -0.24 0.00	35.81 -0.07 0.00	35.98 -0.62 0.00	39.26 -0.68 0.00	42.83 -0.87 0.00	47.00 -0.91 0.00	53.89 -2.13 0.00	57.67 -2.65 0.00	69.60 -3.90 0.01	60.44 -4.79 32.54	84.06 -5.08 21.38	60.17 -4.58 26.80	65.78 -3.54 0.01	55.12 -2.18 0.00	49.00 -1.26 0.00	42.54 -0.87 0.00	37.45 -0.45 0.00
FREEPORT_EQUS_GT1 23764	43.88 2.96 -7.24	40.96 2.64 -7.98	35.92 2.42 -4.74	33.16 2.34 -2.65	30.56 2.37 0.00	32.83 2.40 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.01 3.26 -2.87	43.59 3.84 -3.15	47.78 3.99 -3.85	49.53 4.29 -1.54	63.83 4.46 -11.47	87.85 5.26 -26.56	90.27 5.31 -24.63	160.35 7.28 -79.57	149.41 10.47 -41.17	154.43 11.94 -31.96	149.59 8.42 -49.62	83.77 5.55 -8.90	67.74 4.41 -6.04	62.30 4.37 -7.67	49.72 4.04 -2.28	48.36 3.41 -7.05
FREEPORT___CT2 23818	43.88 2.96 -7.24	40.96 2.64 -7.98	35.92 2.42 -4.74	33.16 2.34 -2.65	30.56 2.37 0.00	32.83 2.40 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.01 3.26 -2.87	43.59 3.84 -3.15	47.78 3.99 -3.85	49.53 4.29 -1.54	63.83 4.46 -11.47	87.85 5.26 -26.56	90.27 5.31 -24.63	160.35 7.28 -79.57	149.41 10.47 -41.17	154.43 11.94 -31.96	149.59 8.42 -49.62	83.77 5.55 -8.90	67.74 4.41 -6.04	62.30 4.37 -7.67	49.72 4.04 -2.28	48.36 3.41 -7.05
FRESHKLS_33_KV_LOAD 356253	36.24 2.56 -0.01	32.63 2.28 -0.01	30.90 2.13 -0.01	30.21 2.03 -0.01	30.26 2.06 -0.01	31.34 2.08 0.00	33.24 2.29 0.00	37.02 2.65 -0.01	38.60 2.73 0.00	39.81 3.22 0.01	40.96 3.31 2.29	42.58 3.50 4.62	43.58 3.64 7.96	45.14 4.37 15.25	45.29 4.22 19.26	61.23 6.10 18.38	84.34 8.31 21.75	99.61 9.62 20.53	85.18 6.77 13.15	60.26 4.44 13.50	42.74 2.86 17.42	42.73 3.27 10.80	41.69 3.08 4.80	40.86 2.96 0.00
FULTON COGEN____ 23766	33.40 -0.27 0.00	30.04 -0.30 0.00	28.42 -0.35 0.00	27.80 -0.37 0.00	27.80 -0.39 0.00	28.91 -0.35 0.00	30.52 -0.43 0.00	33.99 -0.38 0.00	35.48 -0.39 0.00	37.38 -0.22 -1.00	39.77 -0.16 0.00	43.57 -0.13 0.00	47.91 0.00 0.00	56.28 0.17 -0.09	60.45 0.12 0.00	74.12 -0.07 -0.69	106.08 -0.10 -8.40	122.48 -0.44 -12.39	98.24 0.18 -6.51	72.13 0.42 -2.39	63.21 0.52 -5.40	53.78 0.05 -3.47	44.04 -0.04 -0.68	37.79 -0.11 0.00
FULTON___LFGE 323630	38.25 4.58 0.00	34.35 4.01 0.00	32.36 3.59 0.00	31.63 3.46 0.00	31.66 3.47 0.00	32.98 3.72 0.00	34.92 3.96 0.00	38.76 4.40 0.00	40.33 4.45 0.00	41.10 4.50 0.00	44.97 5.03 0.00	49.65 5.94 0.00	54.71 6.80 0.00	63.97 7.95 0.00	71.06 10.74 0.00	86.60 13.08 0.00	116.06 17.70 -0.58	138.51 23.66 -4.33	191.55 21.06 -78.94	169.09 14.07 -85.70	131.18 11.35 -62.54	94.48 9.55 -34.67	50.48 7.08 0.00	43.51 5.61 0.00
G.F.CEMENT___DRP 24184	35.99 2.32 0.00	32.41 2.06 0.00	30.69 1.93 0.00	30.00 1.83 0.00	30.03 1.83 0.00	31.13 1.87 0.00	32.96 2.01 0.00	36.70 2.34 0.00	38.28 2.40 0.00	39.20 2.60 0.00	42.45 2.52 0.00	46.72 3.02 0.00	51.21 3.31 0.00	59.77 3.75 0.00	65.15 4.83 0.00	79.84 6.32 -0.01	108.27 8.70 -1.79	134.28 11.16 -12.60	199.85 9.80 -98.50	172.80 7.49 -95.99	128.56 6.36 -64.91	90.70 5.43 -35.01	47.49 4.08 0.00	41.01 3.11 0.00
GARDENVILLE___LBMP 24039	34.38 0.71 0.00	30.34 0.00 0.00	28.59 -0.17 0.00	27.86 -0.31 0.00	27.74 -0.45 0.00	29.11 -0.15 0.00	30.30 -0.65 0.00	33.75 -0.62 0.00	35.88 0.00 0.00	37.11 0.51 0.00	41.37 1.44 0.00	45.76 2.05 0.00	50.88 2.97 0.00	59.94 3.92 0.00	64.01 3.68 0.00	75.49 1.98 0.00	99.44 1.66 0.00	110.08 -0.44 0.00	94.76 3.20 0.00	73.41 4.09 0.00	61.93 4.64 0.00	51.82 1.56 0.00	44.93 1.52 0.00	39.64 1.74 0.00
GARDNVLA_35_KV_LD 355827	34.54 0.88 0.00	30.50 0.15 0.00	28.73 -0.03 0.00	28.00 -0.17 0.00	27.88 -0.31 0.00	29.26 0.00 0.00	30.46 -0.50 0.00	33.92 -0.45 0.00	36.06 0.18 0.00	37.33 0.73 0.00	41.61 1.68 0.00	46.02 2.32 0.00	51.21 3.31 0.00	60.33 4.31 0.00	64.49 4.16 0.00	76.01 2.50 0.00	100.12 2.35 0.00	110.86 0.33 0.00	95.49 3.94 0.00	73.83 4.51 0.00	62.34 5.04 0.00	52.12 1.86 0.00	45.23 1.82 0.00	39.91 2.01 0.00
GELCKHM___115KV_LOAD 80723	33.60 -0.07 0.00	30.22 -0.12 0.00	28.56 -0.20 0.00	27.94 -0.23 0.00	27.94 -0.25 0.00	29.06 -0.20 0.00	30.67 -0.28 0.00	34.19 -0.17 0.00	35.73 -0.14 0.00	37.00 0.04 -0.36	40.13 0.20 0.00	43.92 0.22 0.00	48.24 0.34 0.00	56.61 0.56 -0.03	60.87 0.54 0.00	74.12 0.37 -0.25	101.17 0.39 -3.00	115.07 0.11 -4.43	94.52 0.64 -2.33	70.87 0.69 -0.85	60.03 0.80 -1.93	51.75 0.25 -1.24	43.78 0.13 -0.24	37.90 0.00 0.00
GENERAL___MILLS 23808	34.48 0.81 0.00	30.40 0.06 0.00	28.65 -0.12 0.00	27.94 -0.23 0.00	27.83 -0.37 0.00	29.20 -0.06 0.00	30.36 -0.59 0.00	33.81 -0.55 0.00	35.98 0.11 0.00	37.22 0.62 0.00	41.49 1.56 0.00	45.89 2.19 0.00	51.02 3.11 0.00	60.11 4.09 0.00	64.25 3.92 0.00	75.79 2.28 0.00	99.83 2.05 0.00	110.52 0.00 0.00	95.12 3.57 0.00	73.62 4.30 0.00	62.16 4.87 0.00	51.97 1.71 0.00	45.10 1.69 0.00	39.80 1.90 0.00
GE_PLASTICS___DRP 24183	34.51 0.84 0.00	31.13 0.79 0.00	29.54 0.78 0.00	28.96 0.79 0.00	28.98 0.79 0.00	29.99 0.73 0.00	31.73 0.77 0.00	35.19 0.82 0.00	36.67 0.79 0.00	37.55 0.95 0.00	40.89 0.96 0.00	44.71 1.01 0.00	48.29 0.38 0.00	56.52 0.50 0.00	61.17 0.84 0.00	74.88 1.40 0.02	95.91 1.86 3.72	91.02 2.43 21.94	100.30 1.65 -7.10	80.58 1.04 -10.22	80.51 0.63 -22.59	66.43 0.80 -15.36	44.67 1.26 0.00	38.92 1.02 0.00
GILBOA___1 23756	34.58 0.91 0.00	31.28 0.94 0.00	29.74 0.98 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.34 1.08 0.00	31.97 1.02 0.00	35.39 1.03 0.00	36.85 0.97 0.00	37.81 1.21 0.00	41.21 1.28 0.00	45.06 1.36 0.00	49.34 1.44 0.00	57.64 1.63 0.00	61.96 1.63 0.00	75.56 2.06 0.00	100.51 2.73 0.00	113.73 3.21 0.00	98.59 2.38 -4.66	75.64 1.66 -4.65	62.20 1.32 -3.59	53.79 1.51 -2.02	44.75 1.35 0.00	39.00 1.10 0.00
GILBOA___2 23757	34.58 0.91 0.00	31.28 0.94 0.00	29.74 0.98 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.34 1.08 0.00	31.97 1.02 0.00	35.39 1.03 0.00	36.85 0.97 0.00	37.81 1.21 0.00	41.21 1.28 0.00	45.06 1.36 0.00	49.34 1.44 0.00	57.64 1.63 0.00	61.96 1.63 0.00	75.56 2.06 0.00	100.51 2.73 0.00	113.73 3.21 0.00	98.59 2.38 -4.66	75.64 1.66 -4.65	62.20 1.32 -3.59	53.79 1.51 -2.02	44.75 1.35 0.00	39.00 1.10 0.00

GILBOA___3 23758	34.58 0.91 0.00	31.28 0.94 0.00	29.74 0.98 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.34 1.08 0.00	31.97 1.02 0.00	35.39 1.03 0.00	36.85 0.97 0.00	37.81 1.21 0.00	41.21 1.28 0.00	45.06 1.36 0.00	49.34 1.44 0.00	57.64 1.63 0.00	61.96 1.63 0.00	75.56 2.06 0.00	100.51 2.73 0.00	113.73 3.21 0.00	98.59 2.38 -4.66	75.64 1.66 -4.65	62.20 1.32 -3.59	53.79 1.51 -2.02	44.75 1.35 0.00	39.00 1.10 0.00
GILBOA___4 23759	34.58 0.91 0.00	31.28 0.94 0.00	29.74 0.98 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.34 1.08 0.00	31.97 1.02 0.00	35.39 1.03 0.00	36.85 0.97 0.00	37.81 1.21 0.00	41.21 1.28 0.00	45.06 1.36 0.00	49.34 1.44 0.00	57.64 1.63 0.00	61.96 1.63 0.00	75.56 2.06 0.00	100.51 2.73 0.00	113.73 3.21 0.00	98.59 2.38 -4.66	75.64 1.66 -4.65	62.20 1.32 -3.59	53.79 1.51 -2.02	44.75 1.35 0.00	39.00 1.10 0.00
GILBOA___ 23599	34.58 0.91 0.00	31.28 0.94 0.00	29.77 1.01 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.34 1.08 0.00	31.97 1.02 0.00	35.43 1.07 0.00	36.85 0.97 0.00	37.81 1.21 0.00	41.21 1.28 0.00	45.06 1.35 0.00	49.30 1.39 0.00	57.59 1.57 0.00	62.02 1.69 0.00	75.57 2.06 0.00	100.51 2.74 0.00	113.73 3.21 0.00	98.60 2.38 -4.66	75.64 1.66 -4.65	62.20 1.32 -3.59	53.79 1.51 -2.02	44.75 1.35 0.00	39.00 1.10 0.00
GINNA___ 23603	32.76 -0.91 0.00	29.22 -1.12 0.00	27.58 -1.18 0.00	26.85 -1.32 0.00	26.79 -1.41 0.00	28.00 -1.26 0.00	29.44 -1.52 0.00	32.92 -1.44 0.00	34.66 -1.22 0.00	35.57 -1.02 0.00	39.38 -0.56 0.00	43.35 -0.35 0.00	48.15 0.24 0.00	56.30 0.28 0.00	60.51 0.18 0.00	72.48 -1.03 0.00	96.11 -1.66 0.00	107.87 -2.65 0.00	91.10 -0.46 0.00	69.94 0.62 0.00	58.33 1.03 0.00	50.01 -0.25 0.00	42.97 -0.43 0.00	37.52 -0.38 0.00
GLEN PARK___ 23778	34.21 0.54 0.00	30.68 0.33 0.00	29.02 0.26 0.00	28.42 0.25 0.00	28.39 0.20 0.00	29.58 0.32 0.00	31.48 0.53 0.00	34.91 0.55 0.00	36.27 0.40 0.00	37.47 0.40 -0.47	40.18 0.24 0.00	44.01 0.31 0.00	48.58 0.67 0.00	57.07 1.01 -0.04	61.29 0.96 0.00	74.93 1.10 -0.32	96.50 1.37 2.64	113.97 1.99 -1.46	91.85 2.66 2.36	73.34 2.91 -1.11	62.72 2.92 -2.51	53.93 2.06 -1.61	44.89 1.17 -0.31	38.73 0.83 0.00
GLENDALE_27_KV_LOAD 356172	36.33 2.66 0.00	32.65 2.31 0.00	30.89 2.13 0.00	30.17 2.00 0.00	30.28 2.09 0.00	31.31 2.05 0.00	33.34 2.38 0.00	37.19 2.82 -0.01	38.89 3.01 0.00	40.19 3.59 0.00	43.65 3.71 0.00	47.59 3.89 0.00	51.88 3.98 0.00	57.73 4.71 2.99	62.88 4.58 2.03	80.04 6.54 0.01	107.05 8.90 -0.38	122.31 10.17 -1.62	107.92 7.23 -9.14	76.86 4.78 -2.76	57.09 3.21 3.41	53.14 3.47 0.59	46.71 3.30 0.00	40.93 3.03 0.00
GLENWOOD_IC_1_G5 23712	43.88 2.96 -7.24	40.93 2.61 -7.98	35.95 2.44 -4.74	33.13 2.31 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.05 3.30 -2.87	43.67 3.92 -3.15	47.66 3.87 -3.85	49.48 4.24 -1.54	73.91 4.55 -21.45	127.83 5.27 -66.55	127.57 5.55 -61.70	280.24 7.42 -199.31	210.79 10.46 -102.55	200.09 11.94 -77.63	210.62 8.51 -110.55	83.84 5.62 -8.90	67.63 4.30 -6.04	62.15 4.22 -7.67	49.29 3.60 -2.28	48.06 3.11 -7.05
GLENWOOD_IC_2_G1 23688	43.71 2.79 -7.24	40.81 2.49 -7.98	35.80 2.30 -4.74	33.05 2.22 -2.65	30.45 2.26 0.00	32.72 2.28 -1.17	33.37 2.42 0.00	37.18 2.82 0.00	41.90 3.16 -2.87	43.49 3.73 -3.15	47.74 3.95 -3.85	49.48 4.24 -1.54	88.72 4.55 -36.25	187.22 5.38 -125.82	182.47 5.49 -116.65	457.78 7.42 -376.86	301.60 10.26 -193.56	267.57 11.71 -145.34	300.86 8.42 -200.89	83.83 5.61 -8.90	67.74 4.41 -6.04	62.10 4.17 -7.67	49.37 3.69 -2.28	48.09 3.14 -7.05
GLENWOOD_IC_3_G1 23689	43.71 2.79 -7.24	40.81 2.49 -7.98	35.80 2.30 -4.74	33.05 2.22 -2.65	30.45 2.26 0.00	32.72 2.28 -1.17	33.37 2.42 0.00	37.18 2.82 0.00	41.90 3.16 -2.87	43.49 3.73 -3.15	47.74 3.95 -3.85	49.48 4.24 -1.54	88.72 4.55 -36.25	187.22 5.38 -125.82	182.47 5.49 -116.65	457.78 7.42 -376.86	301.60 10.26 -193.56	267.57 11.71 -145.34	300.86 8.42 -200.89	83.83 5.61 -8.90	67.74 4.41 -6.04	62.10 4.17 -7.67	49.37 3.69 -2.28	48.09 3.14 -7.05
GLENWOOD___4 23550	43.88 2.96 -7.24	40.93 2.61 -7.98	35.95 2.44 -4.74	33.13 2.31 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.05 3.30 -2.87	43.67 3.92 -3.15	47.78 3.99 -3.85	49.61 4.37 -1.54	74.01 4.65 -21.45	128.00 5.43 -66.55	127.75 5.73 -61.70	280.46 7.64 -199.31	211.08 10.76 -102.55	200.42 12.27 -77.63	210.89 8.79 -110.55	84.05 5.82 -8.90	67.80 4.47 -6.04	62.30 4.37 -7.67	49.42 3.73 -2.28	48.17 3.22 -7.05
GLENWOOD___5 23614	43.88 2.96 -7.24	40.93 2.61 -7.98	35.95 2.44 -4.74	33.13 2.31 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.05 3.30 -2.87	43.67 3.92 -3.15	47.78 3.99 -3.85	49.61 4.37 -1.54	74.01 4.65 -21.45	128.00 5.43 -66.55	127.75 5.73 -61.70	280.46 7.64 -199.31	211.08 10.76 -102.55	200.42 12.27 -77.63	210.89 8.79 -110.55	84.05 5.82 -8.90	67.80 4.47 -6.04	62.30 4.37 -7.67	49.42 3.73 -2.28	48.17 3.22 -7.05
GLOBAL GREEN_PORT_GT1 23814	44.52 3.60 -7.24	41.48 3.16 -7.98	36.58 3.08 -4.74	33.89 3.07 -2.65	31.30 3.10 0.00	33.68 3.25 -1.17	34.17 3.22 0.00	38.35 3.98 0.00	43.48 4.74 -2.87	45.35 5.60 -3.15	50.49 6.71 -3.85	52.59 7.34 -1.54	62.63 8.29 -6.43	72.19 9.80 -6.38	76.26 10.02 -5.92	105.03 12.43 -19.10	125.36 17.40 -10.18	145.39 19.57 -15.30	124.98 14.56 -18.86	88.49 10.26 -8.91	71.70 8.36 -6.04	65.67 7.74 -7.67	51.98 6.29 -2.28	50.29 5.35 -7.05
GLOBE___DSASP 323697	33.13 -0.54 0.00	29.22 -1.12 0.00	27.55 -1.21 0.00	26.87 -1.30 0.00	26.76 -1.44 0.00	28.06 -1.20 0.00	29.06 -1.89 0.00	32.17 -2.20 0.00	34.30 -1.58 0.00	35.39 -1.21 0.00	39.50 -0.44 0.00	43.70 0.00 0.00	48.53 0.62 0.00	57.03 1.01 0.00	60.81 0.48 0.00	71.45 -2.06 0.00	93.86 -3.91 0.00	103.89 -6.63 0.00	89.72 -1.83 0.00	69.81 0.49 0.00	59.13 1.83 0.00	49.46 -0.80 0.00	43.02 -0.39 0.00	38.17 0.27 0.00
GOETHSLN___LBMP 323567	35.82 2.15 0.00	32.22 1.88 0.00	30.49 1.73 0.00	29.80 1.63 0.00	29.89 1.69 0.00	30.90 1.64 0.00	32.84 1.89 0.00	36.63 2.27 0.00	38.39 2.51 0.00	39.71 3.11 0.00	40.73 3.07 2.28	42.33 3.23 4.61	43.30 3.35 7.96	44.81 4.03 15.24	45.06 3.98 19.25	61.02 5.88 18.37	83.95 7.92 21.74	99.17 9.17 20.53	84.73 6.32 13.14	59.92 4.09 13.49	42.52 2.64 17.41	42.43 2.97 10.79	41.31 2.69 4.79	40.24 2.35 0.01
GOLAH___69_KV_TB 1_2 80279	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.20 0.03 0.00	28.08 -0.11 0.00	29.41 0.15 0.00	30.80 -0.15 0.00	34.30 -0.07 0.00	36.13 0.25 0.00	37.11 0.51 0.00	41.17 1.24 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.15 3.14 0.00	63.28 2.96 0.00	75.34 1.84 0.00	99.44 1.66 0.00	111.41 0.88 0.00	95.12 3.57 0.00	73.27 3.95 0.00	61.53 4.24 0.00	52.32 2.06 0.00	45.10 1.69 0.00	39.61 1.71 0.00

GOODYEAR_LAKE_HYD 323669	35.35 1.68 0.00	31.83 1.49 0.00	30.14 1.38 0.00	29.55 1.38 0.00	29.55 1.35 0.00	30.75 1.49 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.53 1.65 0.00	38.54 1.94 0.00	42.09 2.16 0.00	46.11 2.40 0.00	50.69 2.78 0.00	59.43 3.42 0.00	64.19 3.86 0.00	78.14 4.63 0.00	104.03 6.06 -0.19	119.12 7.29 -1.30	122.61 6.59 -24.46	100.39 4.78 -26.29	80.51 3.95 -19.26	64.31 3.37 -10.69	45.97 2.56 0.00	39.95 2.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.38 0.71 0.00	30.83 0.49 0.00	29.16 0.40 0.00	28.51 0.34 0.00	28.50 0.31 0.00	29.67 0.41 0.00	31.29 0.34 0.00	34.85 0.48 0.00	36.49 0.61 0.00	37.76 0.95 -0.21	41.21 1.28 0.00	45.23 1.53 0.00	49.82 1.92 0.00	58.44 2.41 -0.02	62.80 2.47 0.00	76.08 2.43 -0.14	102.64 3.13 -1.74	115.97 2.87 -2.57	99.31 3.39 -4.37	75.94 2.98 -3.64	63.53 2.69 -3.54	54.01 1.66 -2.09	44.89 1.35 -0.14	39.00 1.10 0.00
GOUDEY___7 23579	34.41 0.74 0.00	30.86 0.52 0.00	29.19 0.43 0.00	28.54 0.37 0.00	28.53 0.34 0.00	29.70 0.44 0.00	31.32 0.37 0.00	34.88 0.52 0.00	36.52 0.65 0.00	37.83 1.02 -0.21	41.25 1.32 0.00	45.28 1.57 0.00	49.92 2.01 0.00	58.50 2.46 -0.02	62.92 2.59 0.00	76.22 2.57 -0.14	102.74 3.23 -1.74	116.19 3.09 -2.57	99.40 3.48 -4.37	76.08 3.12 -3.64	63.64 2.81 -3.54	54.06 1.71 -2.09	44.98 1.43 -0.14	39.04 1.14 0.00
GOUDEY___8 23580	34.38 0.71 0.00	30.83 0.49 0.00	29.16 0.40 0.00	28.51 0.34 0.00	28.50 0.31 0.00	29.67 0.41 0.00	31.29 0.34 0.00	34.85 0.48 0.00	36.49 0.61 0.00	37.76 0.95 -0.21	41.21 1.28 0.00	45.23 1.53 0.00	49.82 1.92 0.00	58.44 2.41 -0.02	62.80 2.47 0.00	76.08 2.43 -0.14	102.64 3.13 -1.74	115.97 2.87 -2.57	99.31 3.39 -4.37	75.94 2.98 -3.64	63.53 2.69 -3.54	54.01 1.66 -2.09	44.89 1.35 -0.14	39.00 1.10 0.00
GOWANUS_GT1_1 24077	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_2 24078	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_3 24079	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_4 24080	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_5 24084	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_6 24111	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_7 24112	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT1_8 24113	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT2_1 24114	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT2_2 24115	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT2_3 24116	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00

GOWANUS_GT2_4 24117	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT2_5 24118	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT2_6 24119	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT2_7 24120	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT2_8 24121	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_1 24122	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_2 24123	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_3 24124	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_4 24125	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_5 24126	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_6 24127	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_7 24128	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT3_8 24129	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
GOWANUS_GT4_1 24130	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT4_2 24131	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00

GOWANUS_GT4_3 24132	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT4_4 24133	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT4_5 24134	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT4_6 24135	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT4_7 24136	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GOWANUS_GT4_8 24137	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GREENBSH_115KV_TB3 55895	34.41 0.74 0.00	31.04 0.70 0.00	29.45 0.69 0.00	28.87 0.70 0.00	28.90 0.70 0.00	29.90 0.64 0.00	31.63 0.68 0.00	35.09 0.72 0.00	36.52 0.65 0.00	37.40 0.81 0.00	40.77 0.84 0.00	44.58 0.87 0.00	48.48 0.57 0.00	56.80 0.78 0.00	61.53 1.21 0.00	75.38 1.91 0.04	94.11 2.64 6.30	76.38 3.32 37.46	90.04 2.38 3.90	72.41 1.53 -1.56	84.75 1.03 -26.42	70.76 1.11 -19.39	44.58 1.17 0.00	38.85 0.95 0.00
GREENDGE_115KV_TB5 80291	34.68 1.01 0.00	30.95 0.61 0.00	29.13 0.37 0.00	28.42 0.25 0.00	28.42 0.23 0.00	29.70 0.44 0.00	31.32 0.37 0.00	35.02 0.65 0.00	36.52 0.65 0.00	37.76 0.99 -0.17	41.45 1.52 0.00	45.67 1.97 0.00	50.49 2.59 0.00	59.34 3.31 -0.02	63.64 3.32 0.00	76.42 2.79 -0.12	102.33 3.13 -1.42	115.39 2.76 -2.10	96.87 4.21 -1.10	74.23 4.51 -0.41	62.56 4.35 -0.92	53.26 2.41 -0.59	45.43 1.91 -0.11	39.38 1.48 0.00
GREENIDGE___3 23582	34.68 1.01 0.00	30.95 0.61 0.00	29.13 0.37 0.00	28.42 0.25 0.00	28.42 0.23 0.00	29.70 0.44 0.00	31.32 0.37 0.00	35.02 0.65 0.00	36.52 0.65 0.00	37.76 0.99 -0.17	41.45 1.52 0.00	45.67 1.97 0.00	50.49 2.59 0.00	59.34 3.31 -0.02	63.64 3.32 0.00	76.42 2.79 -0.12	102.33 3.13 -1.42	115.39 2.76 -2.10	96.87 4.21 -1.10	74.23 4.51 -0.41	62.56 4.35 -0.92	53.26 2.41 -0.59	45.43 1.91 -0.11	39.38 1.48 0.00
GREENIDGE___4 23583	34.68 1.01 0.00	30.95 0.61 0.00	29.19 0.43 0.00	28.42 0.25 0.00	28.42 0.22 0.00	29.70 0.44 0.00	31.33 0.37 0.00	35.05 0.69 0.00	36.59 0.72 0.00	37.79 1.02 -0.17	41.49 1.56 0.00	45.63 1.92 0.00	50.59 2.68 0.00	59.22 3.19 -0.02	63.64 3.32 0.00	76.42 2.79 -0.12	102.42 3.22 -1.42	115.39 2.76 -2.10	96.87 4.21 -1.10	74.30 4.57 -0.41	62.51 4.30 -0.92	53.41 2.56 -0.59	45.43 1.91 -0.11	39.45 1.55 0.00
GREENLWN_69_KV_BK 3 55738	43.30 2.39 -7.24	40.57 2.25 -7.98	35.60 2.10 -4.74	32.79 1.97 -2.65	30.20 2.00 0.00	32.45 2.02 -1.17	33.09 2.14 0.00	36.91 2.54 0.00	41.61 2.87 -2.87	43.12 3.37 -3.15	47.22 3.43 -3.85	48.91 3.67 -1.53	58.67 3.93 -6.84	68.54 4.48 -8.04	72.54 4.77 -7.45	104.05 6.47 -24.08	119.87 9.39 -12.71	125.07 10.72 -3.83	120.26 7.32 -21.38	82.93 4.71 -8.90	66.88 3.55 -6.03	61.54 3.62 -7.66	48.76 3.08 -2.27	47.60 2.65 -7.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00
GRISSOM___SOLAR 323813	38.25 4.58 0.00	34.35 4.01 0.00	32.36 3.59 0.00	31.63 3.46 0.00	31.66 3.47 0.00	32.98 3.72 0.00	34.92 3.96 0.00	38.76 4.40 0.00	40.33 4.45 0.00	41.10 4.50 0.00	44.97 5.03 0.00	49.65 5.94 0.00	54.71 6.80 0.00	63.97 7.95 0.00	71.06 10.74 0.00	86.60 13.08 0.00	116.06 17.70 -0.58	138.51 23.66 -4.33	191.55 21.06 -78.94	169.09 14.07 -85.70	131.18 11.35 -62.54	94.48 9.55 -34.67	50.48 7.08 0.00	43.51 5.61 0.00
GROVEVILLE___HYD 323602	35.96 2.29 0.00	32.38 2.03 0.00	30.69 1.93 0.00	30.00 1.83 0.00	30.08 1.89 0.00	31.10 1.84 0.00	32.96 2.01 0.00	36.53 2.16 0.00	38.28 2.40 0.00	39.49 2.89 0.00	43.05 3.11 0.00	46.98 3.28 0.00	51.40 3.50 0.00	60.33 4.31 0.00	65.03 4.71 0.00	80.27 6.76 0.00	107.37 9.29 -0.31	121.74 10.61 -0.60	107.32 7.97 -7.80	82.63 5.55 -7.76	67.46 3.95 -6.21	57.21 3.57 -3.38	46.53 3.13 0.00	40.55 2.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.87 0.20 0.00	30.46 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.48 0.33 -0.55	40.45 0.52 0.00	44.14 0.44 0.00	48.48 0.57 0.00	56.85 0.78 -0.05	61.11 0.78 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.55 -6.83	96.24 1.10 -3.58	71.68 1.04 -1.32	61.36 1.09 -2.98	52.68 0.50 -1.91	44.13 0.35 -0.37	38.05 0.15 0.00

HAMLTNNY_34_KV_TB 80303	33.94 0.27 0.00	30.53 0.18 0.00	28.82 0.06 0.00	28.20 0.03 0.00	28.19 0.00 0.00	29.32 0.06 0.00	30.95 0.00 0.00	34.54 0.17 0.00	36.09 0.22 0.00	37.61 0.44 -0.57	40.57 0.64 0.00	44.49 0.79 0.00	48.96 1.05 0.00	57.47 1.40 -0.05	61.77 1.45 0.00	75.22 1.32 -0.39	104.19 1.66 -4.75	118.97 1.44 -7.01	97.15 1.92 -3.68	72.55 1.87 -1.35	62.13 1.78 -3.06	53.23 1.01 -1.96	44.53 0.74 -0.38	38.39 0.49 0.00
HAMPSHIRE___PAPER_HYD 323593	33.13 -0.54 0.00	29.83 -0.52 0.00	28.27 -0.49 0.00	27.69 -0.48 0.00	27.66 -0.54 0.00	28.70 -0.56 0.00	30.55 -0.40 0.00	33.85 -0.51 0.00	35.27 -0.61 0.00	35.87 -0.91 -0.19	38.78 -1.16 0.00	42.44 -1.27 0.00	46.57 -1.34 0.00	54.52 -1.51 -0.02	58.70 -1.63 0.00	71.43 -2.20 -0.12	77.49 -3.32 16.96	97.22 -3.43 9.87	74.86 -2.66 14.04	68.10 -1.66 -0.44	57.32 -0.97 -1.00	49.95 -0.96 -0.64	42.45 -1.08 -0.13	37.26 -0.64 0.00
HARDSCRABBLE_WT_PWR 323673	34.14 0.47 0.00	30.74 0.39 0.00	29.13 0.37 0.00	28.54 0.37 0.00	28.56 0.37 0.00	29.70 0.44 0.00	31.45 0.49 0.00	34.95 0.58 0.00	36.45 0.57 0.00	37.29 0.69 0.00	40.69 0.76 0.00	44.58 0.87 0.00	48.87 0.96 0.00	57.31 1.29 0.00	61.53 1.21 0.00	75.05 1.55 0.00	101.47 1.95 -1.74	113.99 2.32 -1.14	94.94 1.93 -1.46	70.85 1.52 0.00	58.55 1.26 0.00	51.57 1.30 0.00	44.45 1.04 0.00	38.70 0.80 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.59 1.92 0.00	32.07 1.73 0.00	30.40 1.64 0.00	29.72 1.55 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.69 1.73 0.00	36.22 1.86 0.00	37.92 2.05 0.00	39.16 2.56 0.00	42.69 2.76 0.00	46.59 2.88 0.00	50.97 3.07 0.00	59.77 3.75 0.00	64.37 4.04 0.00	79.39 5.88 0.00	106.20 8.12 -0.32	121.12 9.28 -1.31	106.50 6.77 -8.18	81.95 4.64 -7.99	66.01 3.21 -5.51	56.19 2.97 -2.96	46.01 2.60 0.00	40.10 2.20 0.00
HARSNRAD_115KV_TB1 81005	33.74 0.07 0.00	29.77 -0.58 0.00	28.04 -0.72 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.59 -0.67 0.00	29.65 -1.30 0.00	32.89 -1.48 0.00	35.05 -0.83 0.00	36.16 -0.44 0.00	40.37 0.44 0.00	44.67 0.96 0.00	49.63 1.72 0.00	58.37 2.35 0.00	62.32 1.99 0.00	73.21 -0.29 0.00	96.31 -1.47 0.00	106.66 -3.87 0.00	92.10 0.55 0.00	71.47 2.15 0.00	60.56 3.27 0.00	50.66 0.40 0.00	44.01 0.61 0.00	38.92 1.02 0.00
HARZA MOOSE___RIVER 24016	34.34 0.67 0.00	30.89 0.55 0.00	29.22 0.46 0.00	28.62 0.45 0.00	28.62 0.42 0.00	29.76 0.50 0.00	31.60 0.65 0.00	35.09 0.72 0.00	36.56 0.68 0.00	37.38 0.62 -0.16	40.57 0.64 0.00	44.45 0.74 0.00	48.91 1.01 0.00	57.43 1.57 -0.01	61.89 1.40 0.00	75.45 1.84 -0.11	97.68 2.44 2.54	112.91 2.98 0.60	92.34 2.93 2.14	72.26 2.56 -0.37	60.54 2.41 -0.84	52.61 1.81 -0.54	44.73 1.22 -0.11	38.77 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.64 -0.03 0.00	30.25 -0.09 0.00	28.59 -0.17 0.00	27.97 -0.20 0.00	27.97 -0.23 0.00	29.09 -0.18 0.00	30.74 -0.22 0.00	34.23 -0.14 0.00	35.77 -0.11 0.00	37.01 0.11 -0.30	40.21 0.28 0.00	44.10 0.39 0.00	48.53 0.62 0.00	56.88 0.84 -0.03	61.17 0.84 0.00	74.45 0.74 -0.20	101.15 0.88 -2.49	114.76 0.55 -3.68	94.49 1.01 -1.93	71.07 1.04 -0.71	59.99 1.09 -1.60	51.74 0.45 -1.03	43.91 0.30 -0.20	38.05 0.15 0.00
HELLGATE_13_KV_LD 55870	36.13 2.46 0.00	32.50 2.15 0.00	30.75 1.98 0.00	30.06 1.89 0.00	30.14 1.95 0.00	31.17 1.90 0.00	33.15 2.20 0.00	36.98 2.61 -0.01	38.64 2.76 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.40 3.50 0.00	57.88 4.15 2.28	62.76 3.98 1.55	79.31 5.81 0.00	106.07 7.92 -0.38	121.32 9.17 -1.62	107.01 6.32 -9.14	77.58 4.16 -4.09	59.71 2.64 0.22	53.59 3.02 -0.32	46.36 2.95 0.00	40.71 2.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.13 2.46 0.00	32.50 2.15 0.00	30.75 1.98 0.00	30.06 1.89 0.00	30.14 1.95 0.00	31.17 1.90 0.00	33.15 2.20 0.00	36.98 2.61 -0.01	38.64 2.76 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.40 3.50 0.00	57.88 4.15 2.28	62.76 3.98 1.55	79.31 5.81 0.00	106.07 7.92 -0.38	121.32 9.17 -1.62	107.01 6.32 -9.14	77.58 4.16 -4.09	59.71 2.64 0.22	53.59 3.02 -0.32	46.36 2.95 0.00	40.71 2.80 0.00
HEMPSTEAD____ 23647	43.61 2.69 -7.24	40.72 2.40 -7.98	35.72 2.21 -4.74	32.96 2.14 -2.65	30.37 2.17 0.00	32.63 2.20 -1.17	33.27 2.32 0.00	37.08 2.71 0.00	41.79 3.05 -2.87	43.37 3.62 -3.15	47.58 3.80 -3.85	49.31 4.07 -1.54	67.07 4.36 -14.81	101.11 5.15 -39.94	102.55 5.19 -37.03	200.27 7.13 -119.63	169.55 10.07 -61.71	169.26 11.49 -47.24	169.62 8.06 -70.01	83.49 5.27 -8.90	67.46 4.13 -6.04	61.95 4.02 -7.67	49.24 3.56 -2.28	47.94 2.99 -7.05
HEWLETT_69_KV_BK3 55828	44.05 3.13 -7.24	41.05 2.73 -7.98	36.06 2.56 -4.74	33.24 2.42 -2.65	30.65 2.45 0.00	32.92 2.49 -1.17	33.55 2.60 0.00	37.42 3.06 0.00	42.08 3.34 -2.87	43.67 3.92 -3.15	48.02 4.23 -3.85	49.87 4.63 -1.54	63.20 4.74 -10.55	84.11 5.21 -22.88	86.97 5.43 -21.22	149.40 7.35 -68.54	143.75 10.46 -35.52	150.22 11.94 -27.76	144.08 8.51 -44.01	83.91 5.68 -8.90	68.03 4.70 -6.04	62.55 4.62 -7.67	49.94 4.25 -2.28	48.55 3.60 -7.05
HICKLING___1 23621	34.68 1.01 0.00	30.98 0.64 0.00	29.19 0.43 0.00	28.48 0.31 0.00	28.45 0.25 0.00	29.76 0.50 0.00	31.32 0.37 0.00	34.98 0.62 0.00	36.70 0.83 0.00	38.13 1.35 -0.17	41.89 1.96 0.00	46.11 2.40 0.00	51.02 3.11 0.00	59.95 3.92 -0.02	64.31 3.98 0.00	77.23 3.60 -0.12	103.71 4.50 -1.44	116.41 3.76 -2.13	99.91 5.04 -3.33	76.80 4.78 -2.70	64.45 4.47 -2.69	54.32 2.46 -1.59	45.61 2.08 -0.12	39.57 1.67 0.00
HICKLING___2 23622	34.68 1.01 0.00	30.98 0.64 0.00	29.19 0.43 0.00	28.48 0.31 0.00	28.45 0.25 0.00	29.76 0.50 0.00	31.32 0.37 0.00	34.98 0.62 0.00	36.70 0.83 0.00	38.13 1.35 -0.17	41.89 1.96 0.00	46.11 2.40 0.00	51.02 3.11 0.00	59.95 3.92 -0.02	64.31 3.98 0.00	77.23 3.60 -0.12	103.71 4.50 -1.44	116.41 3.76 -2.13	99.91 5.04 -3.33	76.80 4.78 -2.70	64.45 4.47 -2.69	54.32 2.46 -1.59	45.61 2.08 -0.12	39.57 1.67 0.00
HIGH FALLS___HY 23754	35.62 1.95 0.00	32.07 1.73 0.00	30.40 1.64 0.00	29.72 1.55 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.65 1.70 0.00	36.25 1.89 0.00	37.99 2.12 0.00	39.23 2.64 0.00	42.77 2.84 0.00	46.63 2.93 0.00	51.31 3.40 0.00	60.16 4.15 0.00	64.73 4.40 0.00	79.97 6.47 0.00	106.43 9.09 0.43	117.80 10.28 3.00	106.58 7.69 -7.34	82.43 5.34 -7.77	69.03 3.61 -8.13	58.46 3.22 -4.98	46.05 2.65 0.00	40.10 2.20 0.00
HIGH_RIVER___SOLAR 323847	35.25 1.58 0.00	31.77 1.43 0.00	30.08 1.32 0.00	29.47 1.30 0.00	29.49 1.30 0.00	30.58 1.32 0.00	32.25 1.30 0.00	35.60 1.24 0.00	36.88 1.00 0.00	37.55 0.95 0.00	40.85 0.92 0.00	44.75 1.05 0.00	49.01 1.10 0.00	57.42 1.40 0.00	60.63 0.30 0.00	74.40 0.89 -0.01	100.30 1.85 -0.68	119.66 3.76 -5.38	195.05 3.93 -99.57	168.63 4.85 -94.45	130.17 3.95 -68.92	91.98 3.52 -38.20	46.14 2.74 0.00	40.06 2.16 0.00

HILLBURN___GT 23639	35.49 1.82 0.00	32.01 1.67 0.00	30.31 1.55 0.00	29.66 1.49 0.00	29.74 1.55 0.00	30.78 1.52 0.00	32.62 1.67 0.00	36.18 1.82 0.00	37.89 2.01 0.00	39.16 2.56 0.00	42.65 2.72 0.00	46.54 2.84 0.00	50.93 3.02 0.00	59.71 3.70 0.00	64.13 3.80 0.00	79.02 5.52 0.00	105.63 7.53 -0.33	120.53 8.63 -1.38	106.07 6.13 -8.38	81.59 4.09 -8.18	65.67 2.75 -5.62	55.94 2.66 -3.02	45.79 2.39 0.00	39.91 2.01 0.00
HILLSIDE_115KV_TB1 80332	34.07 0.40 0.00	30.46 0.12 0.00	28.73 -0.03 0.00	28.06 -0.11 0.00	28.02 -0.17 0.00	29.29 0.03 0.00	30.83 -0.12 0.00	34.36 0.00 0.00	36.13 0.25 0.00	37.51 0.73 -0.18	41.17 1.24 0.00	45.23 1.53 0.00	50.06 2.16 0.00	58.78 2.74 -0.02	63.10 2.78 0.00	75.84 2.21 -0.12	101.91 2.64 -1.49	114.61 1.88 -2.20	98.20 3.20 -3.45	75.31 3.19 -2.80	63.18 3.09 -2.79	53.27 1.36 -1.65	44.70 1.17 -0.12	38.81 0.91 0.00
HISHELDN_WT_PWR 323625	34.34 0.67 0.00	30.34 0.00 0.00	28.70 -0.06 0.00	27.89 -0.28 0.00	27.80 -0.39 0.00	29.14 -0.12 0.00	30.40 -0.56 0.00	33.92 -0.45 0.00	35.91 0.04 0.00	37.15 0.55 0.00	41.33 1.40 0.00	45.58 1.88 0.00	50.73 2.83 0.00	59.38 3.36 0.00	63.64 3.32 0.00	75.20 1.69 0.00	99.33 1.56 0.00	110.19 -0.33 0.00	94.48 2.93 0.00	73.27 3.95 0.00	61.47 4.18 0.00	51.92 1.66 0.00	44.88 1.48 0.00	39.53 1.63 0.00
HOLTSVILLE_IC_1 23690	43.64 2.73 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.83 3.09 -2.87	43.45 3.69 -3.15	47.86 4.08 -3.85	49.35 4.11 -1.54	58.87 4.55 -6.41	67.50 5.21 -6.27	71.34 5.19 -5.82	99.35 7.06 -18.79	117.87 10.07 -10.02	136.14 11.39 -14.23	118.32 8.06 -18.71	83.57 5.34 -8.91	67.63 4.30 -6.04	62.15 4.22 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
HOLTSVILLE_IC_10 23699	43.91 3.00 -7.24	40.99 2.67 -7.98	36.00 2.50 -4.74	33.27 2.45 -2.65	30.68 2.48 0.00	32.95 2.52 -1.17	33.52 2.57 0.00	37.42 3.06 0.00	42.08 3.34 -2.87	43.74 3.99 -3.15	48.26 4.47 -3.85	49.83 4.59 -1.54	59.56 5.13 -6.53	68.64 5.88 -6.75	72.50 5.92 -6.26	101.58 7.87 -20.20	119.76 11.24 -10.75	141.84 12.70 -18.61	120.14 9.15 -19.43	84.40 6.17 -8.91	68.26 4.93 -6.04	62.71 4.78 -7.67	49.86 4.17 -2.28	48.59 3.64 -7.05
HOLTSVILLE_IC_2 23691	43.64 2.73 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.83 3.09 -2.87	43.45 3.69 -3.15	47.86 4.08 -3.85	49.35 4.11 -1.54	58.87 4.55 -6.41	67.50 5.21 -6.27	71.34 5.19 -5.82	99.35 7.06 -18.79	117.87 10.07 -10.02	136.14 11.39 -14.23	118.32 8.06 -18.71	83.57 5.34 -8.91	67.63 4.30 -6.04	62.15 4.22 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
HOLTSVILLE_IC_3 23692	43.64 2.73 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.83 3.09 -2.87	43.45 3.69 -3.15	47.86 4.08 -3.85	49.35 4.11 -1.54	58.87 4.55 -6.41	67.50 5.21 -6.27	71.34 5.19 -5.82	99.35 7.06 -18.79	117.87 10.07 -10.02	136.14 11.39 -14.23	118.32 8.06 -18.71	83.57 5.34 -8.91	67.63 4.30 -6.04	62.15 4.22 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
HOLTSVILLE_IC_4 23693	43.64 2.73 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.83 3.09 -2.87	43.45 3.69 -3.15	47.86 4.08 -3.85	49.35 4.11 -1.54	58.87 4.55 -6.41	67.50 5.21 -6.27	71.34 5.19 -5.82	99.35 7.06 -18.79	117.87 10.07 -10.02	136.14 11.39 -14.23	118.32 8.06 -18.71	83.57 5.34 -8.91	67.63 4.30 -6.04	62.15 4.22 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
HOLTSVILLE_IC_5 23694	43.64 2.73 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.83 3.09 -2.87	43.45 3.69 -3.15	47.86 4.08 -3.85	49.35 4.11 -1.54	58.87 4.55 -6.41	67.50 5.21 -6.27	71.34 5.19 -5.82	99.35 7.06 -18.79	117.87 10.07 -10.02	136.14 11.39 -14.23	118.32 8.06 -18.71	83.57 5.34 -8.91	67.63 4.30 -6.04	62.15 4.22 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
HOLTSVILLE_IC_6 23695	43.91 3.00 -7.24	40.99 2.67 -7.98	36.00 2.50 -4.74	33.27 2.45 -2.65	30.68 2.48 0.00	32.95 2.52 -1.17	33.52 2.57 0.00	37.42 3.06 0.00	42.08 3.34 -2.87	43.74 3.99 -3.15	48.26 4.47 -3.85	49.83 4.59 -1.54	59.56 5.13 -6.53	68.64 5.88 -6.75	72.50 5.92 -6.26	101.58 7.87 -20.20	119.76 11.24 -10.75	141.84 12.70 -18.61	120.14 9.15 -19.43	84.40 6.17 -8.91	68.26 4.93 -6.04	62.71 4.78 -7.67	49.86 4.17 -2.28	48.59 3.64 -7.05
HOLTSVILLE_IC_7 23696	43.91 3.00 -7.24	40.99 2.67 -7.98	36.00 2.50 -4.74	33.27 2.45 -2.65	30.68 2.48 0.00	32.95 2.52 -1.17	33.52 2.57 0.00	37.42 3.06 0.00	42.08 3.34 -2.87	43.74 3.99 -3.15	48.26 4.47 -3.85	49.83 4.59 -1.54	59.56 5.13 -6.53	68.64 5.88 -6.75	72.50 5.92 -6.26	101.58 7.87 -20.20	119.76 11.24 -10.75	141.84 12.70 -18.61	120.14 9.15 -19.43	84.40 6.17 -8.91	68.26 4.93 -6.04	62.71 4.78 -7.67	49.86 4.17 -2.28	48.59 3.64 -7.05
HOLTSVILLE_IC_8 23697	43.91 3.00 -7.24	40.99 2.67 -7.98	36.00 2.50 -4.74	33.27 2.45 -2.65	30.68 2.48 0.00	32.95 2.52 -1.17	33.52 2.57 0.00	37.42 3.06 0.00	42.08 3.34 -2.87	43.74 3.99 -3.15	48.26 4.47 -3.85	49.83 4.59 -1.54	59.56 5.13 -6.53	68.64 5.88 -6.75	72.50 5.92 -6.26	101.58 7.87 -20.20	119.76 11.24 -10.75	141.84 12.70 -18.61	120.14 9.15 -19.43	84.40 6.17 -8.91	68.26 4.93 -6.04	62.71 4.78 -7.67	49.86 4.17 -2.28	48.59 3.64 -7.05
HOLTSVILLE_IC_9 23698	43.91 3.00 -7.24	40.99 2.67 -7.98	36.00 2.50 -4.74	33.27 2.45 -2.65	30.68 2.48 0.00	32.95 2.52 -1.17	33.52 2.57 0.00	37.42 3.06 0.00	42.08 3.34 -2.87	43.74 3.99 -3.15	48.26 4.47 -3.85	49.83 4.59 -1.54	59.56 5.13 -6.53	68.64 5.88 -6.75	72.50 5.92 -6.26	101.58 7.87 -20.20	119.76 11.24 -10.75	141.84 12.70 -18.61	120.14 9.15 -19.43	84.40 6.17 -8.91	68.26 4.93 -6.04	62.71 4.78 -7.67	49.86 4.17 -2.28	48.59 3.64 -7.05
HOMER_HL_115KV_TB2 355744	34.14 0.47 0.00	30.28 -0.06 0.00	28.50 -0.26 0.00	27.78 -0.39 0.00	27.69 -0.51 0.00	29.06 -0.20 0.00	30.46 -0.50 0.00	34.06 -0.31 0.00	36.09 0.22 0.00	37.51 0.91 0.00	41.25 1.32 0.00	45.45 1.75 0.00	50.59 2.68 0.00	59.60 3.59 0.00	63.83 3.50 0.00	75.79 2.28 0.00	99.83 2.05 0.00	110.75 0.22 0.00	94.85 3.30 0.00	73.07 3.74 0.00	61.30 4.01 0.00	51.37 1.11 0.00	44.49 1.09 0.00	39.42 1.52 0.00
HOWARD_WT_PWR 323690	34.95 1.28 0.00	31.07 0.73 0.00	29.25 0.49 0.00	28.45 0.28 0.00	28.42 0.22 0.00	29.79 0.53 0.00	31.42 0.46 0.00	35.19 0.82 0.00	36.99 1.11 0.00	38.37 1.65 -0.13	42.25 2.32 0.00	46.54 2.84 0.00	51.60 3.69 0.00	60.23 4.20 -0.01	64.61 4.28 0.00	77.06 3.46 -0.10	103.42 4.60 -1.05	115.72 3.64 -1.55	98.04 5.68 -0.81	75.37 5.75 -0.30	63.47 5.50 -0.68	53.96 3.27 -0.43	46.14 2.65 -0.08	40.21 2.31 0.00

HQ_GEN_CEDARS 23644	33.10 -0.57 0.00	29.86 -0.49 0.00	28.36 -0.40 0.00	27.78 -0.39 0.00	27.77 -0.42 0.00	28.82 -0.44 0.00	30.61 -0.34 0.00	33.92 -0.45 0.00	35.41 -0.47 0.00	35.65 -0.95 0.00	38.70 -1.24 0.00	42.31 -1.40 0.00	46.42 -1.49 0.00	54.00 -2.02 0.00	58.03 -2.29 0.00	70.34 -3.16 0.01	59.58 -5.08 33.11	83.13 -5.64 21.76	59.25 -5.04 27.27	65.50 -3.81 0.01	54.49 -2.81 0.00	48.10 -2.16 0.00	41.54 -1.87 0.00	37.07 -0.83 0.00
HQ_GEN_CEDARS_PROXY 323590	33.10 -0.57 0.00	29.86 -0.49 0.00	28.36 -0.40 0.00	27.78 -0.39 0.00	27.77 -0.42 0.00	28.82 -0.44 0.00	30.61 -0.34 0.00	33.92 -0.45 0.00	35.41 -0.47 0.00	35.65 -0.95 0.00	38.70 -1.24 0.00	42.30 -1.40 0.00	46.28 -1.63 0.00	51.75 -2.07 2.20	60.23 -2.29 -2.20	70.34 -3.16 0.01	59.48 -5.18 33.11	83.13 -5.63 21.76	59.25 -5.04 27.27	65.50 -3.81 0.01	54.78 -2.81 -0.30	47.76 -2.21 0.30	41.54 -1.87 0.00	37.03 -0.87 0.00
HQ_GEN_IMPORT 323601	33.13 -0.54 0.00	29.89 -0.45 0.00	28.33 -0.43 0.00	27.78 -0.39 0.00	27.80 -0.39 0.00	28.85 -0.41 0.00	30.55 -0.40 0.00	33.88 -0.48 0.00	35.37 -0.50 0.00	35.48 -0.81 0.31	36.75 -0.92 2.27	38.00 -1.05 4.66	39.00 -1.20 7.71	39.00 -1.51 15.51	39.00 -1.69 19.64	40.00 -2.13 31.37	48.00 -2.84 46.93	48.00 -3.09 59.43	48.00 -2.74 40.81	48.00 -2.15 19.17	40.00 -1.66 15.63	35.48 -1.31 13.47	35.48 -1.08 6.84	35.48 -0.83 1.59
HQ_GEN_WHEEL 23651	33.13 -0.54 0.00	29.89 -0.45 0.00	28.33 -0.43 0.00	27.78 -0.39 0.00	27.80 -0.39 0.00	28.85 -0.41 0.00	30.55 -0.40 0.00	33.88 -0.48 0.00	35.37 -0.50 0.00	35.48 -0.81 0.31	36.75 -0.92 2.27	38.00 -1.05 4.66	39.00 -1.20 7.71	39.00 -1.51 15.51	39.00 -1.69 19.64	40.00 -2.13 31.37	48.00 -2.84 46.93	48.00 -3.09 59.43	48.00 -2.74 40.81	48.00 -2.15 19.17	40.00 -1.66 15.63	35.48 -1.31 13.47	35.48 -1.08 6.84	35.48 -0.83 1.59
HUDSON AVE_GT_3 23810	36.06 2.39 0.00	32.47 2.12 0.00	30.72 1.96 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.91 2.54 0.00	38.64 2.76 0.00	39.97 3.37 0.00	43.41 3.47 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.67 4.65 0.00	64.97 4.65 0.00	80.12 6.62 0.00	107.15 9.00 -0.38	122.43 10.28 -1.62	108.02 7.32 -9.14	83.08 4.85 -8.90	66.54 3.21 -6.04	56.95 3.47 -3.23	46.53 3.13 0.00	40.63 2.73 0.00
HUDSON AVE_GT_4 23540	36.06 2.39 0.00	32.47 2.12 0.00	30.72 1.96 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.91 2.54 0.00	38.64 2.76 0.00	39.97 3.37 0.00	43.41 3.47 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.67 4.65 0.00	64.97 4.65 0.00	80.12 6.62 0.00	107.15 9.00 -0.38	122.43 10.28 -1.62	108.02 7.32 -9.14	83.08 4.85 -8.90	66.54 3.21 -6.04	56.95 3.47 -3.23	46.53 3.13 0.00	40.63 2.73 0.00
HUDSON AVE_GT_5 23657	36.06 2.39 0.00	32.47 2.12 0.00	30.72 1.96 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.91 2.54 0.00	38.64 2.76 0.00	39.97 3.37 0.00	43.41 3.47 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.67 4.65 0.00	64.97 4.65 0.00	80.12 6.62 0.00	107.15 9.00 -0.38	122.43 10.28 -1.62	108.02 7.32 -9.14	83.08 4.85 -8.90	66.54 3.21 -6.04	56.95 3.47 -3.23	46.53 3.13 0.00	40.63 2.73 0.00
HUDSON_AVE_10 24168	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.94 1.77 0.00	30.03 1.83 0.00	31.05 1.78 0.00	33.00 2.04 0.00	36.80 2.44 0.00	38.57 2.69 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.29 3.58 0.00	51.64 3.74 0.00	60.50 4.48 0.00	64.85 4.52 0.00	80.05 6.54 0.00	106.96 8.80 -0.38	122.32 10.17 -1.62	107.84 7.14 -9.14	83.01 4.78 -8.90	66.48 3.15 -6.04	56.85 3.37 -3.23	46.45 3.04 0.00	40.52 2.62 0.00
HUDSON___115KV_TB 4 355613	35.39 1.72 0.00	31.86 1.52 0.00	30.20 1.44 0.00	29.58 1.41 0.00	29.60 1.41 0.00	30.64 1.38 0.00	32.41 1.45 0.00	35.67 1.31 0.00	37.17 1.29 0.00	37.84 1.24 0.00	41.21 1.28 0.00	45.06 1.35 0.00	48.82 0.91 0.00	57.25 1.23 0.00	62.20 1.87 0.00	76.35 2.87 0.02	97.81 4.40 4.36	90.57 5.97 25.92	99.02 4.94 -2.52	78.84 3.26 -6.26	82.02 2.46 -22.26	68.04 2.11 -15.67	45.71 2.30 0.00	39.87 1.97 0.00
HUNTER MOUNT___DRP 323613	35.55 1.89 0.00	32.01 1.67 0.00	30.34 1.58 0.00	29.72 1.55 0.00	29.74 1.55 0.00	30.75 1.49 0.00	32.53 1.58 0.00	35.77 1.41 0.00	37.28 1.40 0.00	37.88 1.28 0.00	41.25 1.32 0.00	45.10 1.40 0.00	48.67 0.77 0.00	57.08 1.06 0.00	62.20 1.87 0.00	76.43 2.94 0.02	99.29 4.79 3.28	97.53 6.52 19.52	102.14 5.58 -5.01	80.67 3.54 -7.81	79.21 2.75 -19.16	65.68 2.26 -13.16	46.10 2.69 0.00	40.10 2.20 0.00
HUNTINGTON_RES_REC 323705	43.68 2.76 -7.24	40.84 2.52 -7.98	35.83 2.33 -4.74	33.08 2.25 -2.65	30.45 2.26 0.00	32.74 2.31 -1.17	33.34 2.38 0.00	37.22 2.85 0.00	41.90 3.16 -2.87	43.41 3.66 -3.15	47.74 3.95 -3.85	49.39 4.15 -1.53	59.15 4.60 -6.65	68.45 5.32 -7.10	72.26 5.31 -6.63	102.18 7.35 -21.32	119.72 10.56 -11.39	179.48 12.05 -56.91	120.03 8.42 -20.06	83.81 5.55 -8.94	67.68 4.35 -6.03	62.19 4.27 -7.66	49.33 3.65 -2.27	48.06 3.11 -7.05
HUNTLEY___63 23557	34.21 0.54 0.00	30.16 -0.18 0.00	28.42 -0.35 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.94 -0.32 0.00	30.02 -0.93 0.00	33.40 -0.96 0.00	35.55 -0.32 0.00	36.75 0.15 0.00	41.01 1.08 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.27 3.25 0.00	63.34 3.02 0.00	74.46 0.96 0.00	97.77 0.00 0.00	108.20 -2.32 0.00	93.38 1.83 0.00	72.37 3.05 0.00	61.36 4.07 0.00	51.27 1.01 0.00	44.67 1.26 0.00	39.49 1.59 0.00
HUNTLEY___64 23558	34.21 0.54 0.00	30.16 -0.18 0.00	28.42 -0.35 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.94 -0.32 0.00	30.02 -0.93 0.00	33.40 -0.96 0.00	35.55 -0.32 0.00	36.75 0.15 0.00	41.01 1.08 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.27 3.25 0.00	63.34 3.02 0.00	74.46 0.96 0.00	97.77 0.00 0.00	108.20 -2.32 0.00	93.38 1.83 0.00	72.37 3.05 0.00	61.36 4.07 0.00	51.27 1.01 0.00	44.67 1.26 0.00	39.49 1.59 0.00
HUNTLEY___65 23559	34.21 0.54 0.00	30.16 -0.18 0.00	28.42 -0.35 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.94 -0.32 0.00	30.02 -0.93 0.00	33.40 -0.96 0.00	35.55 -0.32 0.00	36.75 0.15 0.00	41.01 1.08 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.27 3.25 0.00	63.34 3.02 0.00	74.46 0.96 0.00	97.77 0.00 0.00	108.20 -2.32 0.00	93.38 1.83 0.00	72.37 3.05 0.00	61.36 4.07 0.00	51.27 1.01 0.00	44.67 1.26 0.00	39.49 1.59 0.00
HUNTLEY___66 23560	34.21 0.54 0.00	30.16 -0.18 0.00	28.42 -0.35 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.94 -0.32 0.00	30.02 -0.93 0.00	33.40 -0.96 0.00	35.55 -0.32 0.00	36.75 0.15 0.00	41.01 1.08 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.27 3.25 0.00	63.34 3.02 0.00	74.46 0.96 0.00	97.77 0.00 0.00	108.20 -2.32 0.00	93.38 1.83 0.00	72.37 3.05 0.00	61.36 4.07 0.00	51.27 1.01 0.00	44.67 1.26 0.00	39.49 1.59 0.00

HUNTLEY___67 23561	34.01 0.34 0.00	30.04 -0.30 0.00	28.30 -0.46 0.00	27.61 -0.56 0.00	27.49 -0.70 0.00	28.82 -0.44 0.00	29.93 -1.02 0.00	33.23 -1.13 0.00	35.38 -0.50 0.00	36.56 -0.04 0.00	40.77 0.84 0.00	45.10 1.40 0.00	50.11 2.20 0.00	58.99 2.97 0.00	62.98 2.65 0.00	74.17 0.66 0.00	97.58 -0.20 0.00	108.09 -2.43 0.00	93.11 1.56 0.00	72.23 2.91 0.00	61.02 3.72 0.00	51.07 0.80 0.00	44.36 0.95 0.00	39.19 1.29 0.00
HUNTLEY___68 23562	34.01 0.34 0.00	30.04 -0.30 0.00	28.30 -0.46 0.00	27.61 -0.56 0.00	27.49 -0.70 0.00	28.82 -0.44 0.00	29.93 -1.02 0.00	33.23 -1.13 0.00	35.38 -0.50 0.00	36.56 -0.04 0.00	40.77 0.84 0.00	45.10 1.40 0.00	50.11 2.20 0.00	58.99 2.97 0.00	62.98 2.65 0.00	74.17 0.66 0.00	97.58 -0.20 0.00	108.09 -2.43 0.00	93.11 1.56 0.00	72.23 2.91 0.00	61.02 3.72 0.00	51.07 0.80 0.00	44.36 0.95 0.00	39.19 1.29 0.00
HYLAND___LFGE 323620	36.06 2.39 0.00	32.01 1.67 0.00	30.14 1.38 0.00	29.30 1.13 0.00	29.21 1.01 0.00	30.67 1.40 0.00	32.13 1.18 0.00	35.67 1.31 0.00	36.95 1.08 0.00	37.74 1.14 0.00	40.25 0.32 0.00	44.10 0.39 0.00	48.92 1.01 0.00	53.05 -2.97 0.00	57.13 -3.20 0.00	69.39 -4.11 0.00	91.32 -6.46 0.00	103.12 -7.40 0.00	88.35 -3.21 0.00	70.16 0.83 0.00	59.30 2.00 0.00	54.18 3.92 0.00	46.32 2.91 0.00	40.29 2.39 0.00
INDECK___CORINTH 23802	35.52 1.85 0.00	31.98 1.64 0.00	30.28 1.52 0.00	29.63 1.46 0.00	29.66 1.47 0.00	30.75 1.49 0.00	32.53 1.58 0.00	36.22 1.85 0.00	37.81 1.94 0.00	38.68 2.09 0.00	41.85 1.92 0.00	46.06 2.36 0.00	50.54 2.63 0.00	58.87 2.86 0.00	64.13 3.80 0.00	78.66 5.14 -0.01	106.59 7.13 -1.68	131.77 9.39 -11.86	198.58 8.42 -98.61	171.98 6.45 -96.21	128.45 5.56 -65.60	90.53 4.78 -35.50	46.84 3.43 0.00	40.48 2.58 0.00
INDECK___ILION 23567	34.07 0.40 0.00	30.71 0.36 0.00	29.11 0.35 0.00	28.51 0.34 0.00	28.53 0.34 0.00	29.61 0.35 0.00	31.35 0.40 0.00	34.81 0.45 0.00	36.31 0.43 0.00	37.15 0.55 0.00	40.53 0.60 0.00	44.36 0.66 0.00	48.67 0.77 0.00	57.03 1.01 0.00	61.35 1.03 0.00	74.83 1.32 0.00	101.27 1.76 -1.74	113.66 1.99 -1.14	94.75 1.74 -1.46	70.64 1.32 0.00	58.38 1.09 0.00	51.27 1.01 0.00	44.19 0.78 0.00	38.51 0.61 0.00
INDECK___OLEAN 23982	34.21 0.54 0.00	30.28 -0.06 0.00	28.62 -0.14 0.00	27.78 -0.39 0.00	27.69 -0.51 0.00	29.06 -0.20 0.00	30.46 -0.50 0.00	34.13 -0.24 0.00	36.09 0.22 0.00	37.55 0.95 0.00	41.37 1.44 0.00	45.45 1.75 0.00	50.73 2.83 0.00	59.55 3.53 0.00	63.88 3.56 0.00	75.71 2.20 0.00	99.83 2.06 0.00	110.64 0.11 0.00	94.84 3.29 0.00	73.27 3.95 0.00	61.19 3.90 0.00	51.52 1.26 0.00	44.49 1.09 0.00	39.45 1.55 0.00
INDECK___OSWEGO 23783	33.13 -0.54 0.00	29.83 -0.52 0.00	28.21 -0.55 0.00	27.61 -0.56 0.00	27.60 -0.59 0.00	28.70 -0.56 0.00	30.33 -0.62 0.00	33.75 -0.62 0.00	35.23 -0.64 0.00	37.42 -0.51 -1.33	39.09 -0.84 0.00	42.83 -0.87 0.00	47.09 -0.81 0.00	55.30 -0.84 -0.12	59.36 -0.97 0.00	73.02 -1.40 -0.91	106.11 -1.86 -10.20	124.00 -2.33 -15.80	97.94 -1.47 -7.86	71.66 -0.83 -3.17	63.87 -0.57 -7.15	54.05 -0.81 -4.59	43.52 -0.78 -0.90	37.48 -0.42 0.00
INDECK___YERKES 23781	34.31 0.64 0.00	30.19 -0.15 0.00	28.59 -0.17 0.00	27.72 -0.45 0.00	27.60 -0.59 0.00	28.97 -0.29 0.00	30.05 -0.90 0.00	33.54 -0.83 0.00	35.66 -0.21 0.00	36.82 0.22 0.00	41.17 1.24 0.00	45.45 1.75 0.00	50.49 2.59 0.00	59.15 3.14 0.00	63.34 3.02 0.00	74.46 0.95 0.00	97.87 0.10 0.00	108.20 -2.33 0.00	93.48 1.93 0.00	72.65 3.33 0.00	61.30 4.01 0.00	51.47 1.20 0.00	44.75 1.35 0.00	39.57 1.67 0.00
INDIAN POINT_GT_1 24139	35.62 1.95 0.00	32.10 1.76 0.00	30.43 1.67 0.00	29.75 1.58 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.72 1.76 0.00	36.36 1.99 0.00	38.03 2.15 0.00	39.31 2.71 0.00	42.73 2.80 0.00	46.68 2.97 0.00	51.02 3.11 0.00	59.77 3.75 0.00	64.25 3.92 0.00	79.17 5.66 0.00	105.87 7.72 -0.37	120.94 8.84 -1.58	106.86 6.32 -8.99	82.38 4.30 -8.76	66.17 2.92 -5.95	56.41 2.97 -3.18	46.01 2.60 0.00	40.14 2.24 0.00
INDIAN POINT_GT_2 23659	35.62 1.95 0.00	32.10 1.76 0.00	30.43 1.67 0.00	29.75 1.58 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.72 1.76 0.00	36.36 1.99 0.00	38.03 2.15 0.00	39.31 2.71 0.00	42.73 2.80 0.00	46.68 2.97 0.00	51.02 3.11 0.00	59.77 3.75 0.00	64.25 3.92 0.00	79.17 5.66 0.00	105.87 7.72 -0.37	120.94 8.84 -1.58	106.86 6.32 -8.99	82.38 4.30 -8.76	66.17 2.92 -5.95	56.41 2.97 -3.18	46.01 2.60 0.00	40.14 2.24 0.00
INDIAN POINT_GT_3 24019	35.62 1.95 0.00	32.10 1.76 0.00	30.43 1.67 0.00	29.75 1.58 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.72 1.76 0.00	36.36 1.99 0.00	38.03 2.15 0.00	39.31 2.71 0.00	42.73 2.80 0.00	46.68 2.97 0.00	51.02 3.11 0.00	59.77 3.75 0.00	64.25 3.92 0.00	79.17 5.66 0.00	105.87 7.72 -0.37	120.94 8.84 -1.58	106.86 6.32 -8.99	82.38 4.30 -8.76	66.17 2.92 -5.95	56.41 2.97 -3.18	46.01 2.60 0.00	40.14 2.24 0.00
INDIAN POINT___2 23530	35.52 1.85 0.00	32.04 1.70 0.00	30.31 1.55 0.00	29.66 1.49 0.00	29.74 1.55 0.00	30.78 1.52 0.00	32.65 1.70 0.00	36.25 1.89 0.00	37.92 2.04 0.00	39.20 2.60 0.00	42.69 2.75 0.00	46.54 2.84 0.00	50.93 3.02 0.00	59.71 3.70 0.00	64.07 3.74 0.00	78.95 5.44 0.00	105.56 7.43 -0.36	120.54 8.51 -1.50	106.35 6.04 -8.76	81.81 3.95 -8.54	65.81 2.69 -5.83	56.09 2.71 -3.12	45.84 2.43 0.00	39.98 2.08 0.00
INDIAN POINT___3 23531	35.52 1.85 0.00	32.04 1.70 0.00	30.37 1.61 0.00	29.69 1.52 0.00	29.77 1.58 0.00	30.81 1.55 0.00	32.65 1.70 0.00	36.29 1.92 0.00	37.92 2.05 0.00	39.20 2.60 0.00	42.61 2.68 0.00	46.55 2.84 0.00	50.88 2.97 0.00	59.60 3.59 0.00	64.07 3.74 0.00	78.87 5.37 0.00	105.48 7.33 -0.37	120.51 8.40 -1.58	106.51 5.95 -9.00	82.11 4.02 -8.77	65.94 2.69 -5.96	56.21 2.76 -3.18	45.88 2.47 0.00	40.02 2.12 0.00
INGHAM_C_115KV_TB7 356103	34.17 0.51 0.00	30.77 0.42 0.00	29.16 0.40 0.00	28.56 0.39 0.00	28.59 0.39 0.00	29.73 0.47 0.00	31.45 0.50 0.00	34.95 0.58 0.00	36.45 0.57 0.00	37.29 0.70 0.00	40.69 0.76 0.00	44.54 0.83 0.00	48.87 0.96 0.00	57.25 1.23 0.00	61.47 1.15 0.00	74.98 1.47 0.00	101.47 1.96 -1.74	113.88 2.21 -1.14	94.93 1.92 -1.46	70.85 1.53 0.00	58.55 1.26 0.00	51.57 1.31 0.00	44.45 1.04 0.00	38.73 0.83 0.00
IP CORINTH___1 23988	35.72 2.05 0.00	32.16 1.82 0.00	30.46 1.70 0.00	29.80 1.63 0.00	29.80 1.61 0.00	30.93 1.67 0.00	32.72 1.76 0.00	36.46 2.10 0.00	38.03 2.15 0.00	38.94 2.34 0.00	42.09 2.16 0.00	46.33 2.62 0.00	50.83 2.92 0.00	59.21 3.19 0.00	64.49 4.16 0.00	79.11 5.59 -0.01	107.08 7.63 -1.68	132.44 10.06 -11.86	199.13 8.97 -98.61	172.39 6.86 -96.21	128.79 5.90 -65.60	90.78 5.03 -35.50	47.14 3.73 0.00	40.70 2.80 0.00

IP___TICONDEROGA 23804	37.61 3.94 0.00	33.83 3.49 0.00	31.95 3.19 0.00	31.21 3.04 0.00	31.21 3.02 0.00	32.42 3.16 0.00	34.39 3.44 0.00	38.39 4.02 0.00	40.11 4.23 0.00	41.03 4.43 0.00	44.45 4.51 0.00	49.17 5.46 0.00	53.94 6.04 0.00	62.96 6.95 0.00	68.89 8.57 0.00	84.47 10.95 -0.01	114.49 14.96 -1.75	141.75 18.90 -12.32	206.30 16.20 -98.54	177.87 12.48 -96.07	133.06 10.60 -65.17	94.55 9.10 -35.19	50.13 6.73 0.00	43.13 5.23 0.00
ISLIP_RES_REC 323679	44.15 3.23 -7.24	41.17 2.85 -7.98	36.20 2.70 -4.74	33.41 2.59 -2.65	30.82 2.62 0.00	33.12 2.69 -1.17	33.71 2.75 0.00	37.66 3.30 0.00	42.37 3.62 -2.87	44.03 4.28 -3.15	48.66 4.87 -3.85	50.32 5.07 -1.54	60.21 5.70 -6.60	69.61 6.55 -7.04	73.50 6.64 -6.53	103.33 8.74 -21.08	121.49 12.52 -11.20	142.65 14.15 -17.98	121.68 10.25 -19.88	85.23 7.00 -8.91	68.95 5.62 -6.04	63.26 5.33 -7.67	50.25 4.56 -2.28	48.93 3.98 -7.05
JAMAICA__27_KV_LOAD 355505	36.23 2.56 0.00	32.59 2.25 0.00	30.89 2.13 0.00	30.14 1.97 0.00	30.25 2.06 0.00	31.25 1.99 0.00	33.15 2.20 0.00	37.08 2.71 0.00	38.89 3.01 0.00	40.26 3.66 0.00	43.73 3.79 0.00	47.77 4.06 0.00	52.22 4.31 0.00	61.28 5.27 0.00	65.70 5.37 0.00	81.15 7.64 0.00	108.52 10.36 -0.38	123.97 11.83 -1.62	109.30 8.61 -9.14	84.19 5.96 -8.90	67.34 4.01 -6.04	57.51 4.02 -3.23	46.92 3.52 0.00	40.86 2.96 0.00
JANIS___SOLAR 323808	35.69 2.02 0.00	32.01 1.67 0.00	30.23 1.47 0.00	29.52 1.35 0.00	29.49 1.30 0.00	30.81 1.55 0.00	32.65 1.70 0.00	36.32 1.96 0.00	37.74 1.86 0.00	38.83 1.98 -0.26	42.05 2.12 0.00	46.15 2.45 0.00	50.98 3.07 0.00	59.85 3.81 -0.02	64.43 4.10 0.00	78.32 4.63 -0.18	106.29 6.35 -2.16	121.12 7.41 -3.19	104.42 7.69 -5.18	80.43 6.80 -4.31	67.55 6.01 -4.24	57.29 4.53 -2.50	47.01 3.43 -0.17	40.59 2.69 0.00
JARVIS____ 23743	33.91 0.24 0.00	30.56 0.21 0.00	28.96 0.20 0.00	28.37 0.20 0.00	28.39 0.20 0.00	29.47 0.21 0.00	31.17 0.22 0.00	34.61 0.24 0.00	36.09 0.22 0.00	36.93 0.33 0.00	40.29 0.36 0.00	44.10 0.39 0.00	48.34 0.43 0.00	56.58 0.56 0.00	60.93 0.60 0.00	74.32 0.81 0.00	100.59 1.08 -1.74	112.89 1.22 -1.14	94.02 1.01 -1.46	70.09 0.76 0.00	57.92 0.63 0.00	50.82 0.55 0.00	43.84 0.43 0.00	38.24 0.34 0.00
JENNISON___1 23625	35.86 2.19 0.00	32.16 1.82 0.00	30.40 1.64 0.00	29.75 1.58 0.00	29.72 1.52 0.00	31.02 1.76 0.00	32.87 1.92 0.00	36.56 2.20 0.00	38.10 2.22 0.00	39.27 2.49 -0.18	42.69 2.76 0.00	46.90 3.19 0.00	51.74 3.83 0.00	60.85 4.82 -0.02	65.51 5.19 0.00	79.66 6.03 -0.12	107.11 7.82 -1.52	121.61 8.84 -2.24	106.89 8.42 -6.92	82.85 7.00 -6.52	69.04 6.07 -5.67	58.16 4.62 -3.28	47.09 3.56 -0.12	40.67 2.77 0.00
JENNISON___2 23626	35.86 2.19 0.00	32.16 1.82 0.00	30.40 1.64 0.00	29.75 1.58 0.00	29.72 1.52 0.00	31.02 1.76 0.00	32.87 1.92 0.00	36.56 2.20 0.00	38.10 2.22 0.00	39.27 2.49 -0.18	42.69 2.76 0.00	46.90 3.19 0.00	51.74 3.83 0.00	60.85 4.82 -0.02	65.51 5.19 0.00	79.66 6.03 -0.12	107.11 7.82 -1.52	121.61 8.84 -2.24	106.89 8.42 -6.92	82.85 7.00 -6.52	69.04 6.07 -5.67	58.16 4.62 -3.28	47.09 3.56 -0.12	40.67 2.77 0.00
JERICHO_RISE_WT_PWR 323719	32.93 -0.74 0.00	29.70 -0.64 0.00	28.24 -0.52 0.00	27.72 -0.45 0.00	27.77 -0.42 0.00	28.85 -0.41 0.00	30.83 -0.12 0.00	33.85 -0.51 0.00	35.48 -0.39 0.00	35.72 -0.88 0.00	39.02 -0.92 0.00	42.61 -1.09 0.00	46.14 -1.77 0.00	52.94 -3.08 0.00	56.95 -3.38 0.00	69.01 -4.49 0.01	58.01 -5.67 34.09	82.15 -5.97 22.40	58.16 -5.31 28.08	65.22 -4.09 0.01	54.43 -2.86 0.00	48.15 -2.11 0.00	42.36 -1.04 0.00	37.18 -0.72 0.00
KATONAH___115KV_46KV_TB4 355592	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	30.00 1.83 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.00 2.04 0.00	36.74 2.37 0.00	38.42 2.55 0.00	39.75 3.15 0.00	43.25 3.31 0.00	47.29 3.58 0.00	51.74 3.83 0.00	60.72 4.71 0.00	65.39 5.07 0.00	80.42 6.91 0.00	107.74 9.58 -0.39	123.09 10.94 -1.63	108.93 8.06 -9.32	84.02 5.62 -9.08	67.48 4.01 -6.17	57.33 3.77 -3.30	46.66 3.26 0.00	40.63 2.73 0.00
KCE_NY_1 323755	35.96 2.29 0.00	32.38 2.03 0.00	30.63 1.87 0.00	30.00 1.83 0.00	30.03 1.83 0.00	31.11 1.84 0.00	32.93 1.98 0.00	36.60 2.23 0.00	38.18 2.30 0.00	39.01 2.41 0.00	42.45 2.52 0.00	46.63 2.93 0.00	51.17 3.26 0.00	59.83 3.81 0.00	65.03 4.71 0.00	79.70 6.18 -0.01	108.18 8.41 -2.00	134.95 10.51 -13.92	198.64 8.79 -98.30	171.58 6.66 -95.60	126.47 5.50 -63.68	89.19 4.78 -34.15	47.09 3.69 0.00	40.82 2.92 0.00
KCE_NY_6_ESR 323823	34.54 0.87 0.00	30.43 0.09 0.00	28.82 0.06 0.00	27.97 -0.20 0.00	27.86 -0.34 0.00	29.23 -0.03 0.00	30.40 -0.56 0.00	33.99 -0.38 0.00	36.06 0.18 0.00	37.29 0.69 0.00	41.65 1.72 0.00	45.93 2.23 0.00	51.26 3.35 0.00	60.05 4.04 0.00	64.31 3.98 0.00	75.86 2.35 0.00	100.02 2.25 0.00	110.64 0.11 0.00	95.31 3.76 0.00	73.90 4.57 0.00	62.11 4.81 0.00	52.22 1.96 0.00	45.19 1.78 0.00	39.87 1.97 0.00
KEDC_PORT_JEFF_GT2 24210	43.81 2.90 -7.24	40.90 2.58 -7.98	35.95 2.44 -4.74	33.19 2.37 -2.65	30.59 2.40 0.00	32.89 2.46 -1.17	33.43 2.48 0.00	37.32 2.96 0.00	41.90 3.16 -2.87	43.52 3.77 -3.15	47.98 4.19 -3.85	49.53 4.29 -1.54	59.19 4.79 -6.49	67.82 5.21 -6.60	71.58 5.12 -6.13	100.26 6.99 -19.76	118.28 9.98 -10.53	142.77 11.28 -20.97	118.72 7.96 -19.21	83.50 5.27 -8.91	67.51 4.18 -6.04	62.35 4.42 -7.67	49.64 3.95 -2.28	48.43 3.48 -7.05
KEDC_PORT_JEFF_GT3 24211	43.81 2.90 -7.24	40.90 2.58 -7.98	35.95 2.44 -4.74	33.19 2.37 -2.65	30.59 2.40 0.00	32.89 2.46 -1.17	33.43 2.48 0.00	37.32 2.96 0.00	41.90 3.16 -2.87	43.52 3.77 -3.15	47.98 4.19 -3.85	49.53 4.29 -1.54	59.19 4.79 -6.49	67.82 5.21 -6.60	71.58 5.12 -6.13	100.26 6.99 -19.76	118.28 9.98 -10.53	142.77 11.28 -20.97	118.72 7.96 -19.21	83.50 5.27 -8.91	67.51 4.18 -6.04	62.35 4.42 -7.67	49.64 3.95 -2.28	48.43 3.48 -7.05
KEDC_GLWD_GT4 24219	43.84 2.93 -7.24	40.93 2.61 -7.98	35.89 2.39 -4.74	33.13 2.31 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.04 3.30 -2.87	43.63 3.88 -3.15	47.70 3.92 -3.85	49.48 4.24 -1.54	73.91 4.55 -21.45	127.99 5.43 -66.55	127.57 5.55 -61.70	280.32 7.50 -199.31	210.79 10.47 -102.55	200.09 11.94 -77.63	210.62 8.52 -110.55	83.83 5.61 -8.90	67.68 4.35 -6.04	62.10 4.17 -7.67	49.29 3.60 -2.28	47.98 3.03 -7.05
KEDC_GLWD_GT5 24220	43.84 2.93 -7.24	40.93 2.61 -7.98	35.89 2.39 -4.74	33.13 2.31 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.46 2.51 0.00	37.32 2.96 0.00	42.04 3.30 -2.87	43.63 3.88 -3.15	47.70 3.92 -3.85	49.48 4.24 -1.54	73.91 4.55 -21.45	127.99 5.43 -66.55	127.57 5.55 -61.70	280.32 7.50 -199.31	210.79 10.47 -102.55	200.09 11.94 -77.63	210.62 8.52 -110.55	83.83 5.61 -8.90	67.68 4.35 -6.04	62.10 4.17 -7.67	49.29 3.60 -2.28	47.98 3.03 -7.05

KENSICO____ 23655	35.76 2.09 0.00	32.22 1.88 0.00	30.51 1.75 0.00	29.83 1.66 0.00	29.91 1.72 0.00	30.96 1.70 0.00	32.84 1.89 0.00	36.53 2.16 0.00	38.25 2.37 0.00	39.49 2.89 0.00	42.93 3.00 0.00	46.90 3.19 0.00	51.26 3.35 0.00	59.99 3.98 0.00	64.49 4.16 0.00	79.46 5.95 0.00	106.27 8.12 -0.38	121.43 9.28 -1.62	107.35 6.68 -9.12	82.71 4.51 -8.88	66.35 3.04 -6.02	56.60 3.12 -3.22	46.18 2.78 0.00	40.29 2.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.62 1.95 0.00	32.07 1.73 0.00	30.40 1.64 0.00	29.72 1.55 0.00	29.80 1.61 0.00	30.81 1.55 0.00	32.62 1.67 0.00	36.19 1.82 0.00	37.92 2.05 0.00	39.09 2.49 0.00	42.61 2.68 0.00	46.50 2.80 0.00	51.02 3.11 0.00	59.88 3.87 0.00	64.49 4.16 0.00	79.68 6.17 0.00	106.30 8.70 0.18	118.99 9.95 1.49	106.43 7.51 -7.37	82.10 5.20 -7.58	67.90 3.61 -6.99	57.58 3.17 -4.15	46.10 2.69 0.00	40.10 2.20 0.00
KIAC_JFK_GT1 23816	35.89 2.22 0.00	32.29 1.94 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.05 1.78 0.00	32.87 1.92 0.00	36.74 2.37 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.33 3.39 0.00	47.29 3.58 0.00	51.69 3.78 0.00	60.61 4.59 0.00	65.03 4.71 0.00	80.27 6.76 0.00	107.35 9.19 -0.38	122.76 10.61 -1.62	108.20 7.51 -9.14	83.29 5.06 -8.90	66.65 3.32 -6.04	56.90 3.42 -3.23	46.45 3.04 0.00	40.44 2.54 0.00
KIAC_JFK_GT2 23817	35.89 2.22 0.00	32.29 1.94 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.05 1.78 0.00	32.87 1.92 0.00	36.74 2.37 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.33 3.39 0.00	47.29 3.58 0.00	51.69 3.78 0.00	60.61 4.59 0.00	65.03 4.71 0.00	80.27 6.76 0.00	107.35 9.19 -0.38	122.76 10.61 -1.62	108.20 7.51 -9.14	83.29 5.06 -8.90	66.65 3.32 -6.04	56.90 3.42 -3.23	46.45 3.04 0.00	40.44 2.54 0.00
KIAC_JFK____ 323774	35.86 2.19 0.00	32.29 1.94 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.05 1.79 0.00	32.87 1.92 0.00	36.73 2.37 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.33 3.39 0.00	47.33 3.63 0.00	51.74 3.83 0.00	60.72 4.71 0.00	65.03 4.71 0.00	80.27 6.76 0.00	107.34 9.19 -0.38	122.76 10.61 -1.62	108.20 7.51 -9.14	83.28 5.06 -8.90	66.65 3.32 -6.04	56.80 3.32 -3.23	46.40 2.99 0.00	40.36 2.46 0.00
KINTIGH____ 23543	33.74 0.07 0.00	29.89 -0.46 0.00	28.19 -0.58 0.00	27.49 -0.68 0.00	27.40 -0.79 0.00	28.70 -0.56 0.00	29.87 -1.08 0.00	33.16 -1.20 0.00	35.23 -0.65 0.00	36.27 -0.33 0.00	40.37 0.44 0.00	44.58 0.87 0.00	49.44 1.53 0.00	58.03 2.02 0.00	62.02 1.69 0.00	73.36 -0.15 0.00	96.70 -1.08 0.00	107.54 -2.98 0.00	92.10 0.55 0.00	71.40 2.08 0.00	60.10 2.81 0.00	50.66 0.40 0.00	43.93 0.52 0.00	38.73 0.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.43 -0.24 0.00	30.13 -0.21 0.00	28.65 -0.12 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.61 0.35 0.00	31.70 0.74 0.00	34.50 0.14 0.00	36.24 0.36 0.00	36.42 -0.18 0.00	39.77 -0.16 0.00	43.44 -0.26 0.00	47.72 -0.19 0.00	53.27 -2.74 0.00	56.65 -3.68 0.00	68.28 -5.22 0.01	57.09 -6.16 34.53	81.31 -6.52 22.69	57.20 -5.86 28.49	64.81 -4.51 0.01	54.43 -2.86 0.00	49.16 -1.11 0.00	43.28 -0.13 0.00	37.94 0.04 0.00
LACHUTE__HYDRO 323717	37.61 3.94 0.00	33.83 3.49 0.00	31.92 3.16 0.00	31.21 3.04 0.00	31.21 3.02 0.00	32.42 3.16 0.00	34.39 3.44 0.00	38.38 4.02 0.00	40.11 4.23 0.00	40.95 4.35 0.00	44.45 4.51 0.00	49.17 5.46 0.00	53.99 6.08 0.00	63.02 7.00 0.00	68.89 8.56 0.00	84.47 10.95 -0.01	114.49 14.96 -1.75	141.74 18.90 -12.32	206.30 16.21 -98.54	177.87 12.47 -96.07	133.06 10.60 -65.17	94.60 9.15 -35.19	50.14 6.73 0.00	43.13 5.23 0.00
LAWRNCALV_115KV_TB1 80681	32.73 -0.94 0.00	29.52 -0.82 0.00	28.04 -0.72 0.00	27.47 -0.70 0.00	27.43 -0.76 0.00	28.41 -0.85 0.00	30.24 -0.71 0.00	33.47 -0.89 0.00	34.94 -0.93 0.00	35.22 -1.46 -0.08	38.14 -1.80 0.00	41.69 -2.01 0.00	45.75 -2.16 0.00	53.22 -2.80 -0.01	57.19 -3.14 0.00	69.37 -4.19 -0.05	62.95 -6.36 28.47	85.31 -7.07 18.14	61.94 -6.13 23.48	64.94 -4.58 -0.19	54.36 -3.38 -0.45	47.89 -2.66 -0.29	41.12 -2.34 -0.06	36.61 -1.29 0.00
LEDERLE____ 23769	35.59 1.92 0.00	32.10 1.76 0.00	30.43 1.67 0.00	29.75 1.58 0.00	29.83 1.64 0.00	30.87 1.61 0.00	32.72 1.76 0.00	36.29 1.92 0.00	37.96 2.08 0.00	39.27 2.67 0.00	42.73 2.80 0.00	46.63 2.93 0.00	51.02 3.11 0.00	59.83 3.81 0.00	64.31 3.98 0.00	79.32 5.81 0.00	106.03 7.92 -0.34	121.02 9.06 -1.43	106.59 6.50 -8.54	82.02 4.37 -8.33	65.98 2.98 -5.71	56.24 2.92 -3.06	45.97 2.56 0.00	40.10 2.20 0.00
LIGHTHSE_115KV_TB6 355974	33.53 -0.13 0.00	30.16 -0.18 0.00	28.50 -0.26 0.00	27.89 -0.28 0.00	27.88 -0.31 0.00	29.03 -0.23 0.00	30.74 -0.22 0.00	34.12 -0.24 0.00	35.55 -0.32 0.00	37.13 -0.18 -0.71	39.69 -0.24 0.00	43.49 -0.22 0.00	47.86 -0.05 0.00	56.19 0.11 -0.06	60.39 0.06 0.00	73.92 -0.07 -0.49	100.91 -0.29 -3.43	117.23 -0.44 -7.15	94.37 0.27 -2.54	71.72 0.69 -1.70	62.00 0.86 -3.84	53.03 0.30 -2.47	43.93 0.04 -0.48	37.94 0.04 0.00
LINDEN COGEN____ 23786	35.79 2.12 0.00	32.19 1.85 0.00	30.46 1.70 0.00	29.77 1.60 0.00	29.86 1.66 0.00	30.87 1.61 0.00	32.84 1.89 0.00	36.60 2.23 0.00	38.35 2.47 0.00	39.67 3.07 0.00	40.73 3.08 2.28	42.33 3.23 4.61	43.35 3.40 7.96	44.87 4.09 15.24	45.05 3.98 19.25	60.95 5.81 18.37	83.95 7.92 21.74	99.06 9.06 20.53	84.64 6.23 13.14	59.85 4.02 13.49	42.46 2.58 17.41	42.28 2.81 10.79	41.26 2.65 4.80	40.17 2.27 0.01
LINDHRST_69_KV_BK1 356055	44.15 3.23 -7.24	41.17 2.85 -7.98	36.18 2.67 -4.74	33.38 2.56 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.68 2.72 0.00	37.63 3.26 0.00	42.37 3.62 -2.87	43.96 4.21 -3.15	48.34 4.55 -3.85	50.05 4.81 -1.54	61.37 5.17 -8.29	75.64 5.77 -13.86	79.32 6.15 -12.84	123.15 8.16 -41.49	131.15 11.73 -21.65	141.45 13.48 -17.44	131.50 9.70 -30.25	84.81 6.59 -8.90	68.55 5.21 -6.04	63.01 5.08 -7.67	49.99 4.30 -2.28	48.78 3.83 -7.05
LIPA_MISC_IPP 23656	43.61 2.69 -7.24	40.69 2.37 -7.98	35.80 2.30 -4.74	33.05 2.23 -2.65	30.48 2.28 0.00	32.74 2.31 -1.17	33.27 2.32 0.00	37.11 2.75 0.00	41.83 3.09 -2.87	43.45 3.70 -3.15	47.94 4.15 -3.85	49.62 4.37 -1.54	59.08 4.74 -6.43	67.69 5.32 -6.35	71.83 5.61 -5.89	99.80 7.28 -19.01	118.47 10.56 -10.13	137.56 12.05 -14.99	118.89 8.51 -18.82	83.99 5.75 -8.91	67.92 4.58 -6.04	62.50 4.57 -7.67	49.51 3.82 -2.28	48.40 3.45 -7.05
LISF__SOLAR 323691	43.68 2.76 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.10 2.28 -2.65	30.53 2.34 0.00	32.80 2.37 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.90 3.16 -2.87	43.52 3.77 -3.15	48.06 4.28 -3.85	49.62 4.37 -1.54	59.25 4.89 -6.45	68.17 5.72 -6.43	72.03 5.73 -5.97	100.35 7.57 -19.27	118.89 10.85 -10.27	138.80 12.49 -15.79	119.38 8.88 -18.95	84.26 6.03 -8.91	68.26 4.93 -6.04	62.65 4.72 -7.67	49.68 3.99 -2.28	48.43 3.48 -7.05

LITTLE FALLS___HYD 24013	34.17 0.51 0.00	30.77 0.42 0.00	29.16 0.40 0.00	28.56 0.39 0.00	28.59 0.39 0.00	29.73 0.47 0.00	31.45 0.50 0.00	34.95 0.58 0.00	36.45 0.57 0.00	37.29 0.70 0.00	40.69 0.76 0.00	44.54 0.83 0.00	48.87 0.96 0.00	57.25 1.23 0.00	61.47 1.15 0.00	74.98 1.47 0.00	101.47 1.96 -1.74	113.88 2.21 -1.14	94.93 1.92 -1.46	70.85 1.53 0.00	58.55 1.26 0.00	51.57 1.31 0.00	44.45 1.04 0.00	38.73 0.83 0.00
LITTLRIV_115KV_TB1 356100	33.06 -0.61 0.00	29.83 -0.52 0.00	28.30 -0.46 0.00	27.75 -0.42 0.00	27.71 -0.48 0.00	28.73 -0.53 0.00	30.61 -0.34 0.00	33.88 -0.48 0.00	35.30 -0.57 0.00	35.52 -1.17 -0.09	38.46 -1.48 0.00	42.04 -1.66 0.00	46.23 -1.68 0.00	53.84 -2.18 -0.01	57.85 -2.47 0.00	70.11 -3.45 -0.05	64.63 -5.38 27.77	86.92 -5.97 17.64	63.61 -5.04 22.90	65.92 -3.60 -0.21	55.26 -2.52 -0.48	48.61 -1.96 -0.31	41.60 -1.87 -0.06	36.95 -0.95 0.00
LI_NEWBRDGE___DRP 323616	43.41 2.49 -7.24	40.54 2.22 -7.98	35.60 2.10 -4.74	32.82 2.00 -2.65	30.22 2.03 0.00	32.48 2.05 -1.17	33.12 2.17 0.00	36.91 2.54 0.00	41.54 2.80 -2.87	43.12 3.37 -3.15	47.30 3.51 -3.85	48.96 3.71 -1.54	56.67 3.93 -4.83	60.50 4.48 0.00	65.03 4.71 0.00	79.83 6.32 0.00	107.25 9.09 -0.38	122.54 10.39 -1.62	107.92 7.23 -9.14	82.94 4.71 -8.90	66.94 3.61 -6.04	61.65 3.72 -7.67	48.94 3.26 -2.28	47.79 2.84 -7.05
LOCKPORT_115KV_TB60_63_64 80432	33.87 0.20 0.00	29.89 -0.46 0.00	28.16 -0.60 0.00	27.47 -0.70 0.00	27.35 -0.85 0.00	28.68 -0.59 0.00	29.75 -1.21 0.00	33.06 -1.31 0.00	35.20 -0.68 0.00	36.31 -0.29 0.00	40.53 0.60 0.00	44.84 1.14 0.00	49.87 1.96 0.00	58.65 2.63 0.00	62.62 2.29 0.00	73.58 0.07 0.00	96.80 -0.98 0.00	107.32 -3.21 0.00	92.56 1.01 0.00	71.89 2.56 0.00	60.90 3.61 0.00	50.91 0.65 0.00	44.19 0.78 0.00	39.08 1.17 0.00
LOCKPORT___CC1 323769	33.80 0.14 0.00	29.77 -0.58 0.00	28.19 -0.57 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.59 -0.67 0.00	29.65 -1.30 0.00	33.02 -1.34 0.00	35.09 -0.79 0.00	36.20 -0.40 0.00	40.49 0.56 0.00	44.67 0.96 0.00	49.83 1.92 0.00	58.20 2.18 0.00	62.31 1.99 0.00	73.21 -0.29 0.00	96.40 -1.37 0.00	106.65 -3.87 0.00	92.10 0.55 0.00	71.75 2.43 0.00	60.50 3.21 0.00	50.87 0.61 0.00	44.06 0.65 0.00	38.96 1.06 0.00
LOCKPORT___CC2 323770	33.80 0.14 0.00	29.77 -0.58 0.00	28.19 -0.57 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.59 -0.67 0.00	29.65 -1.30 0.00	33.02 -1.34 0.00	35.09 -0.79 0.00	36.20 -0.40 0.00	40.49 0.56 0.00	44.67 0.96 0.00	49.83 1.92 0.00	58.20 2.18 0.00	62.31 1.99 0.00	73.21 -0.29 0.00	96.40 -1.37 0.00	106.65 -3.87 0.00	92.10 0.55 0.00	71.75 2.43 0.00	60.50 3.21 0.00	50.87 0.61 0.00	44.06 0.65 0.00	38.96 1.06 0.00
LOCKPORT___CC3 323771	33.80 0.14 0.00	29.77 -0.58 0.00	28.19 -0.57 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.59 -0.67 0.00	29.65 -1.30 0.00	33.02 -1.34 0.00	35.09 -0.79 0.00	36.20 -0.40 0.00	40.49 0.56 0.00	44.67 0.96 0.00	49.83 1.92 0.00	58.20 2.18 0.00	62.31 1.99 0.00	73.21 -0.29 0.00	96.40 -1.37 0.00	106.65 -3.87 0.00	92.10 0.55 0.00	71.75 2.43 0.00	60.50 3.21 0.00	50.87 0.61 0.00	44.06 0.65 0.00	38.96 1.06 0.00
LONG_LAKE_PHOENIX 24014	33.40 -0.27 0.00	30.04 -0.30 0.00	28.42 -0.35 0.00	27.80 -0.37 0.00	27.80 -0.39 0.00	28.91 -0.35 0.00	30.52 -0.43 0.00	33.99 -0.38 0.00	35.48 -0.39 0.00	37.38 -0.22 -1.00	39.77 -0.16 0.00	43.57 -0.13 0.00	47.91 0.00 0.00	56.28 0.17 -0.09	60.45 0.12 0.00	74.12 -0.07 -0.69	106.08 -0.10 -8.40	122.48 -0.44 -12.39	98.24 0.18 -6.51	72.13 0.42 -2.39	63.21 0.52 -5.40	53.78 0.05 -3.47	44.04 -0.04 -0.68	37.79 -0.11 0.00
LOVETT___3 23632	35.35 1.68 0.00	31.92 1.58 0.00	30.28 1.52 0.00	29.61 1.44 0.00	29.66 1.47 0.00	30.69 1.43 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.74 1.87 0.00	39.01 2.42 0.00	42.41 2.48 0.00	46.33 2.62 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.76 3.44 0.00	78.58 5.07 0.00	105.06 6.94 -0.35	119.93 7.96 -1.45	105.74 5.58 -8.60	81.39 3.67 -8.39	65.44 2.41 -5.74	55.85 2.51 -3.07	45.62 2.21 0.00	39.83 1.93 0.00
LOVETT___4 23642	35.35 1.68 0.00	31.92 1.58 0.00	30.28 1.52 0.00	29.61 1.44 0.00	29.66 1.47 0.00	30.69 1.43 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.74 1.87 0.00	39.01 2.42 0.00	42.41 2.48 0.00	46.33 2.62 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.76 3.44 0.00	78.58 5.07 0.00	105.06 6.94 -0.35	119.93 7.96 -1.45	105.74 5.58 -8.60	81.39 3.67 -8.39	65.44 2.41 -5.74	55.85 2.51 -3.07	45.62 2.21 0.00	39.83 1.93 0.00
LOVETT___5 23593	35.35 1.68 0.00	31.92 1.58 0.00	30.28 1.52 0.00	29.61 1.44 0.00	29.66 1.47 0.00	30.69 1.43 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.74 1.87 0.00	39.01 2.42 0.00	42.41 2.48 0.00	46.33 2.62 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.76 3.44 0.00	78.58 5.07 0.00	105.06 6.94 -0.35	119.93 7.96 -1.45	105.74 5.58 -8.60	81.39 3.67 -8.39	65.44 2.41 -5.74	55.85 2.51 -3.07	45.62 2.21 0.00	39.83 1.93 0.00
LOWER RAQUET___HYD 24057	32.63 -1.04 0.00	29.43 -0.91 0.00	27.93 -0.83 0.00	27.38 -0.79 0.00	27.32 -0.87 0.00	28.27 -0.99 0.00	30.12 -0.83 0.00	33.33 -1.03 0.00	34.76 -1.11 0.00	35.05 -1.65 -0.10	37.94 -2.00 0.00	41.48 -2.23 0.00	45.37 -2.54 0.00	52.89 -3.14 -0.01	56.89 -3.44 0.00	69.01 -4.56 -0.06	63.82 -6.85 27.11	85.96 -7.40 17.16	62.78 -6.41 22.37	64.76 -4.78 -0.22	54.31 -3.50 -0.51	47.73 -2.86 -0.33	40.95 -2.52 -0.06	36.46 -1.44 0.00
LOWER___HUDSON 24059	35.19 1.52 0.00	31.71 1.37 0.00	30.06 1.30 0.00	29.47 1.30 0.00	29.49 1.30 0.00	30.55 1.29 0.00	32.31 1.36 0.00	35.84 1.48 0.00	37.35 1.47 0.00	38.21 1.61 0.00	41.61 1.68 0.00	45.54 1.84 0.00	49.83 1.92 0.00	58.42 2.41 0.00	63.34 3.02 0.00	77.64 4.11 -0.02	106.23 5.57 -2.88	136.98 6.74 -19.72	193.33 5.40 -96.38	166.09 3.95 -92.82	117.85 3.09 -57.46	83.00 2.81 -29.92	45.71 2.30 0.00	39.72 1.82 0.00
LOWVILLE_115KV_TB2 356335	34.11 0.44 0.00	30.65 0.30 0.00	29.02 0.26 0.00	28.42 0.25 0.00	28.39 0.20 0.00	29.55 0.29 0.00	31.39 0.43 0.00	34.85 0.48 0.00	36.27 0.39 0.00	37.07 0.26 -0.21	40.09 0.16 0.00	43.92 0.22 0.00	48.34 0.43 0.00	56.71 0.67 -0.02	61.17 0.84 0.00	74.61 0.96 -0.15	94.00 1.27 5.04	110.34 1.66 1.84	89.34 2.01 4.23	71.84 2.01 -0.51	60.40 1.95 -1.16	52.41 1.41 -0.74	44.38 0.82 -0.14	38.51 0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.92 2.26 0.00	32.35 2.00 0.00	30.63 1.87 0.00	29.97 1.80 0.00	30.00 1.80 0.00	31.10 1.84 0.00	32.90 1.95 0.00	36.60 2.23 0.00	38.14 2.26 0.00	39.05 2.45 0.00	42.41 2.48 0.00	46.59 2.88 0.00	51.07 3.16 0.00	59.77 3.75 0.00	64.97 4.65 0.00	79.62 6.10 -0.01	107.98 8.21 -2.00	134.72 10.28 -13.92	198.55 8.70 -98.30	171.51 6.59 -95.60	126.42 5.44 -63.68	89.09 4.67 -34.15	47.05 3.65 0.00	40.78 2.88 0.00

LUTHERNY_35_KV_BK2 355980	35.96 2.29 0.00	32.38 2.03 0.00	30.66 1.90 0.00	30.00 1.83 0.00	30.03 1.83 0.00	31.10 1.84 0.00	32.93 1.98 0.00	36.60 2.23 0.00	38.17 2.30 0.00	39.05 2.45 0.00	42.45 2.52 0.00	46.63 2.93 0.00	51.12 3.21 0.00	59.83 3.81 0.00	65.03 4.71 0.00	79.70 6.17 -0.01	108.18 8.41 -2.00	134.94 10.50 -13.92	198.64 8.79 -98.30	171.58 6.65 -95.60	126.47 5.50 -63.68	89.19 4.77 -34.15	47.10 3.69 0.00	40.82 2.92 0.00
LWR___OSWEGATCHIE_HYD 23850	33.13 -0.54 0.00	29.83 -0.52 0.00	28.27 -0.49 0.00	27.69 -0.48 0.00	27.66 -0.54 0.00	28.70 -0.56 0.00	30.55 -0.40 0.00	33.85 -0.52 0.00	35.27 -0.61 0.00	35.87 -0.91 -0.19	38.78 -1.16 0.00	42.44 -1.27 0.00	46.66 -1.25 0.00	54.52 -1.51 -0.02	58.70 -1.63 0.00	71.42 -2.21 -0.12	77.59 -3.23 16.96	97.23 -3.43 9.87	74.86 -2.66 14.04	68.10 -1.66 -0.44	57.32 -0.97 -1.00	50.00 -0.90 -0.64	42.45 -1.09 -0.13	37.22 -0.68 0.00
LYONS_FALL_HYD 23570	34.34 0.67 0.00	30.89 0.55 0.00	29.22 0.46 0.00	28.62 0.45 0.00	28.62 0.42 0.00	29.76 0.50 0.00	31.60 0.65 0.00	35.09 0.72 0.00	36.56 0.68 0.00	37.42 0.66 -0.16	40.57 0.64 0.00	44.45 0.74 0.00	48.92 1.01 0.00	57.43 1.40 -0.01	61.89 1.57 0.00	75.45 1.84 -0.11	97.68 2.45 2.54	112.91 2.99 0.60	92.34 2.93 2.14	72.33 2.63 -0.37	60.54 2.41 -0.84	52.61 1.81 -0.54	44.73 1.21 -0.11	38.77 0.87 0.00
MADISON___COUNTY_LFGE 323628	34.85 1.18 0.00	31.34 1.00 0.00	29.62 0.86 0.00	29.02 0.85 0.00	28.98 0.79 0.00	30.20 0.94 0.00	31.97 1.02 0.00	35.57 1.20 0.00	37.06 1.18 0.00	38.08 1.32 -0.17	41.45 1.52 0.00	45.45 1.75 0.00	50.06 2.16 0.00	58.78 2.74 -0.01	63.34 3.02 0.00	77.15 3.53 -0.11	103.85 4.69 -1.38	117.76 5.19 -2.04	97.48 4.85 -1.07	73.74 4.02 -0.39	61.74 3.55 -0.89	53.55 2.71 -0.57	45.56 2.04 -0.11	39.42 1.52 0.00
MALONE___115KV_TB1 356076	33.16 -0.51 0.00	29.92 -0.42 0.00	28.44 -0.32 0.00	27.89 -0.28 0.00	27.91 -0.28 0.00	29.00 -0.26 0.00	31.01 0.06 0.00	34.12 -0.24 0.00	35.81 -0.07 0.00	35.98 -0.62 0.00	39.26 -0.68 0.00	42.83 -0.87 0.00	47.00 -0.91 0.00	53.89 -2.13 0.00	57.67 -2.65 0.00	69.60 -3.90 0.01	60.44 -4.79 32.54	84.06 -5.08 21.38	60.17 -4.58 26.80	65.78 -3.54 0.01	55.12 -2.18 0.00	49.00 -1.26 0.00	42.54 -0.87 0.00	37.45 -0.45 0.00
MAPLEWOD_115KV_TB3 80458	34.91 1.25 0.00	31.47 1.12 0.00	29.85 1.09 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.29 1.02 0.00	32.07 1.11 0.00	35.60 1.24 0.00	37.10 1.22 0.00	37.99 1.39 0.00	41.37 1.44 0.00	45.28 1.57 0.00	49.44 1.53 0.00	57.98 1.96 0.00	62.80 2.47 0.00	76.98 3.45 -0.02	105.07 4.69 -2.60	134.42 5.86 -18.03	177.00 4.49 -80.96	150.20 3.19 -77.69	106.62 2.41 -46.92	76.70 2.26 -24.17	45.36 1.95 0.00	39.45 1.55 0.00
MAPLE_RIDGE_WT_1 323574	32.63 -1.04 0.00	29.46 -0.88 0.00	27.99 -0.78 0.00	27.47 -0.70 0.00	27.57 -0.62 0.00	28.68 -0.58 0.00	30.46 -0.50 0.00	33.88 -0.48 0.00	35.45 -0.43 0.00	35.94 -0.66 0.00	39.17 -0.76 0.00	42.83 -0.87 0.00	46.85 -1.05 0.00	54.34 -1.68 0.00	58.39 -1.93 0.00	71.14 -2.36 0.01	40.26 -3.13 54.38	71.36 -3.43 35.74	43.65 -2.93 44.97	67.02 -2.29 0.01	55.58 -1.72 0.00	49.16 -1.11 0.00	42.49 -0.91 0.00	37.22 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	32.63 -1.04 0.00	29.46 -0.88 0.00	27.99 -0.78 0.00	27.47 -0.70 0.00	27.57 -0.62 0.00	28.68 -0.58 0.00	30.46 -0.50 0.00	33.88 -0.48 0.00	35.45 -0.43 0.00	35.94 -0.66 0.00	39.17 -0.76 0.00	42.83 -0.87 0.00	46.85 -1.05 0.00	54.34 -1.68 0.00	58.39 -1.93 0.00	71.14 -2.36 0.01	40.26 -3.13 54.38	71.36 -3.43 35.74	43.65 -2.93 44.97	67.02 -2.29 0.01	55.58 -1.72 0.00	49.16 -1.11 0.00	42.49 -0.91 0.00	37.22 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	33.03 -0.64 0.00	29.80 -0.55 0.00	28.33 -0.43 0.00	27.80 -0.37 0.00	27.86 -0.34 0.00	29.06 -0.20 0.00	31.05 0.09 0.00	33.99 -0.38 0.00	35.66 -0.21 0.00	35.90 -0.70 0.00	39.26 -0.68 0.00	42.83 -0.87 0.00	46.28 -1.63 0.00	52.88 -3.14 0.00	56.83 -3.50 0.00	68.79 -4.71 0.01	57.05 -5.97 34.75	81.50 -6.19 22.84	57.43 -5.49 28.63	65.08 -4.23 0.01	54.37 -2.92 0.00	48.15 -2.11 0.00	42.63 -0.78 0.00	37.37 -0.53 0.00
MARSHVLE_115KV_TB1 80742	36.70 3.03 0.00	33.01 2.67 0.00	31.21 2.44 0.00	30.54 2.37 0.00	30.56 2.37 0.00	31.81 2.55 0.00	33.49 2.54 0.00	36.77 2.41 0.00	37.89 2.01 0.00	38.65 2.05 0.00	42.09 2.16 0.00	46.20 2.49 0.00	50.69 2.78 0.00	59.43 3.42 0.00	65.45 5.13 0.00	79.61 6.10 0.00	106.73 8.41 -0.55	126.90 12.27 -4.10	178.88 12.45 -74.88	158.53 8.60 -80.61	123.29 7.16 -58.84	89.06 6.18 -32.62	48.05 4.64 0.00	41.54 3.64 0.00
MARSH_HILL_WT_PWR 323713	34.92 1.25 0.00	31.04 0.70 0.00	29.22 0.46 0.00	28.42 0.25 0.00	28.42 0.22 0.00	29.76 0.50 0.00	31.35 0.40 0.00	35.12 0.76 0.00	36.95 1.08 0.00	38.29 1.57 -0.12	42.17 2.23 0.00	46.46 2.76 0.00	51.50 3.59 0.00	60.12 4.09 -0.01	64.49 4.16 0.00	76.91 3.31 -0.09	103.16 4.40 -0.98	115.28 3.31 -1.44	97.71 5.40 -0.76	75.21 5.61 -0.28	63.25 5.33 -0.63	53.83 3.17 -0.40	46.05 2.56 -0.08	40.17 2.27 0.00
MCINTYRE_115KV_TB2 80467	33.37 -0.30 0.00	30.10 -0.24 0.00	28.56 -0.20 0.00	28.00 -0.17 0.00	27.97 -0.23 0.00	29.03 -0.23 0.00	30.92 -0.03 0.00	34.19 -0.17 0.00	35.59 -0.29 0.00	35.68 -0.91 0.00	38.70 -1.24 0.00	42.31 -1.40 0.00	46.52 -1.39 0.00	54.17 -1.85 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	63.68 -4.60 29.50	86.17 -4.97 19.39	63.05 -4.21 24.29	66.33 -2.98 0.01	55.40 -1.89 0.00	48.80 -1.46 0.00	41.97 -1.43 0.00	37.29 -0.61 0.00
MECO_____69_KV_BK1 80468	38.25 4.58 0.00	34.35 4.01 0.00	32.36 3.60 0.00	31.63 3.46 0.00	31.66 3.47 0.00	32.98 3.72 0.00	34.91 3.96 0.00	38.76 4.40 0.00	40.33 4.45 0.00	41.14 4.54 0.00	44.97 5.03 0.00	49.65 5.94 0.00	54.61 6.71 0.00	63.97 7.95 0.00	71.06 10.74 0.00	86.67 13.16 0.00	116.05 17.70 -0.58	138.51 23.65 -4.33	191.55 21.06 -78.94	169.09 14.07 -85.70	131.18 11.34 -62.54	94.43 9.50 -34.67	50.48 7.08 0.00	43.51 5.61 0.00
MENANDS___115KV_TB5 355628	34.68 1.01 0.00	31.28 0.94 0.00	29.65 0.89 0.00	29.07 0.90 0.00	29.12 0.93 0.00	30.11 0.85 0.00	31.85 0.90 0.00	35.36 1.00 0.00	36.85 0.97 0.00	37.73 1.13 0.00	41.13 1.20 0.00	44.97 1.27 0.00	49.06 1.15 0.00	57.53 1.51 0.00	62.32 1.99 0.00	76.39 2.87 -0.01	103.56 3.91 -1.88	128.81 4.75 -13.53	167.87 3.57 -72.75	141.94 2.43 -70.19	103.31 1.78 -44.24	75.23 1.76 -23.21	44.97 1.56 0.00	39.15 1.25 0.00
MG INDUSTRY___DRP 24185	34.58 0.91 0.00	31.19 0.85 0.00	29.59 0.83 0.00	29.02 0.85 0.00	29.07 0.87 0.00	30.08 0.82 0.00	31.79 0.84 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.51 0.91 0.00	40.81 0.88 0.00	44.62 0.92 0.00	47.57 -0.34 0.00	55.68 -0.34 0.00	60.27 -0.06 0.00	73.78 0.29 0.02	95.17 0.59 3.19	93.03 1.33 18.82	100.94 0.92 -8.47	81.01 0.55 -11.13	78.83 0.34 -21.20	65.02 0.55 -14.21	44.97 1.56 0.00	39.19 1.29 0.00

MID___OSWEGATCHIE_HYD 23849	33.13 -0.54 0.00	29.83 -0.52 0.00	28.27 -0.49 0.00	27.69 -0.48 0.00	27.66 -0.54 0.00	28.70 -0.56 0.00	30.55 -0.40 0.00	33.85 -0.52 0.00	35.27 -0.61 0.00	35.87 -0.91 -0.19	38.78 -1.16 0.00	42.44 -1.27 0.00	46.66 -1.25 0.00	54.52 -1.51 -0.02	58.70 -1.63 0.00	71.42 -2.21 -0.12	77.59 -3.23 16.96	97.23 -3.43 9.87	74.86 -2.66 14.04	68.10 -1.66 -0.44	57.32 -0.97 -1.00	50.00 -0.90 -0.64	42.45 -1.09 -0.13	37.22 -0.68 0.00
MID___RAQUETTE_HYD 23851	32.63 -1.04 0.00	29.43 -0.91 0.00	27.96 -0.81 0.00	27.38 -0.79 0.00	27.32 -0.87 0.00	28.27 -0.99 0.00	30.12 -0.84 0.00	33.33 -1.03 0.00	34.80 -1.08 0.00	35.05 -1.65 -0.10	37.94 -2.00 0.00	41.48 -2.23 0.00	45.51 -2.40 0.00	52.94 -3.08 -0.01	56.89 -3.44 0.00	69.01 -4.56 -0.06	63.92 -6.75 27.11	85.96 -7.41 17.16	62.78 -6.41 22.37	64.76 -4.78 -0.22	54.26 -3.55 -0.51	47.78 -2.81 -0.33	40.95 -2.52 -0.06	36.46 -1.44 0.00
MILLIKEN___1 23584	34.71 1.04 0.00	31.16 0.82 0.00	29.42 0.66 0.00	28.76 0.59 0.00	28.76 0.56 0.00	29.93 0.67 0.00	31.66 0.71 0.00	35.29 0.93 0.00	36.81 0.93 0.00	38.12 1.17 -0.35	41.33 1.40 0.00	45.37 1.66 0.00	49.97 2.06 0.00	58.63 2.58 -0.03	63.04 2.71 0.00	76.68 2.94 -0.24	104.58 3.91 -2.90	119.00 4.20 -4.28	98.28 4.49 -2.25	74.03 3.88 -0.83	62.71 3.55 -1.87	53.87 2.41 -1.20	45.55 1.91 -0.23	39.34 1.44 0.00
MILLIKEN___2 23585	34.71 1.04 0.00	31.16 0.82 0.00	29.42 0.66 0.00	28.76 0.59 0.00	28.76 0.56 0.00	29.93 0.67 0.00	31.66 0.71 0.00	35.29 0.93 0.00	36.81 0.93 0.00	38.12 1.17 -0.35	41.33 1.40 0.00	45.37 1.66 0.00	49.97 2.06 0.00	58.63 2.58 -0.03	63.04 2.71 0.00	76.68 2.94 -0.24	104.58 3.91 -2.90	119.00 4.20 -4.28	98.28 4.49 -2.25	74.03 3.88 -0.83	62.71 3.55 -1.87	53.87 2.41 -1.20	45.55 1.91 -0.23	39.34 1.44 0.00
MILLIKEN___DIESEL 23629	34.71 1.04 0.00	31.16 0.82 0.00	29.42 0.66 0.00	28.76 0.59 0.00	28.76 0.56 0.00	29.93 0.67 0.00	31.66 0.71 0.00	35.29 0.93 0.00	36.81 0.93 0.00	38.12 1.17 -0.35	41.33 1.40 0.00	45.37 1.66 0.00	49.97 2.06 0.00	58.63 2.58 -0.03	63.04 2.71 0.00	76.68 2.94 -0.24	104.58 3.91 -2.90	119.00 4.20 -4.28	98.28 4.49 -2.25	74.03 3.88 -0.83	62.71 3.55 -1.87	53.87 2.41 -1.20	45.55 1.91 -0.23	39.34 1.44 0.00
MILLSEAT___LFGE 323607	34.51 0.84 0.00	30.47 0.12 0.00	28.79 0.03 0.00	27.94 -0.23 0.00	27.80 -0.39 0.00	29.20 -0.06 0.00	30.40 -0.56 0.00	33.95 -0.41 0.00	36.02 0.14 0.00	37.07 0.47 0.00	41.41 1.48 0.00	45.67 1.97 0.00	50.98 3.07 0.00	59.61 3.59 0.00	63.82 3.50 0.00	75.27 1.76 0.00	99.33 1.56 0.00	110.41 -0.11 0.00	95.12 3.57 0.00	73.97 4.65 0.00	62.22 4.93 0.00	52.42 2.16 0.00	45.23 1.82 0.00	39.83 1.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.66 1.99 0.00	32.13 1.79 0.00	30.46 1.70 0.00	29.78 1.61 0.00	29.86 1.66 0.00	30.90 1.64 0.00	32.78 1.83 0.00	36.43 2.06 0.00	38.10 2.22 0.00	39.34 2.74 0.00	42.81 2.88 0.00	46.72 3.02 0.00	51.12 3.21 0.00	59.83 3.81 0.00	64.31 3.98 0.00	79.24 5.73 0.00	105.97 7.82 -0.38	121.08 8.95 -1.60	107.03 6.41 -9.07	82.45 4.30 -8.83	66.26 2.98 -5.99	56.48 3.02 -3.20	46.05 2.65 0.00	40.21 2.31 0.00
MILLWOOD_13_KV_LOAD 356217	35.82 2.15 0.00	32.29 1.94 0.00	30.57 1.81 0.00	29.89 1.72 0.00	29.94 1.75 0.00	30.99 1.73 0.00	32.87 1.92 0.00	36.56 2.20 0.00	38.25 2.37 0.00	39.56 2.96 0.00	43.01 3.07 0.00	46.98 3.28 0.00	51.40 3.50 0.00	60.27 4.26 0.00	64.79 4.46 0.00	79.76 6.25 0.00	106.76 8.60 -0.38	121.96 9.84 -1.60	107.76 7.14 -9.07	83.00 4.85 -8.83	66.66 3.38 -5.99	56.78 3.32 -3.20	46.32 2.91 0.00	40.40 2.50 0.00
MODEL_CITY_ENERGY 24167	33.67 0.00 0.00	29.68 -0.67 0.00	28.10 -0.66 0.00	27.27 -0.90 0.00	27.15 -1.04 0.00	28.50 -0.76 0.00	29.50 -1.45 0.00	32.85 -1.51 0.00	34.91 -0.97 0.00	36.01 -0.59 0.00	40.25 0.32 0.00	44.40 0.70 0.00	49.54 1.63 0.00	57.86 1.85 0.00	61.96 1.63 0.00	72.77 -0.74 0.00	95.82 -1.95 0.00	106.10 -4.42 0.00	91.64 0.09 0.00	71.40 2.08 0.00	60.16 2.86 0.00	50.56 0.30 0.00	43.80 0.39 0.00	38.77 0.87 0.00
MODERN_LFGE___ 323580	33.67 0.00 0.00	29.68 -0.67 0.00	28.10 -0.66 0.00	27.27 -0.90 0.00	27.15 -1.04 0.00	28.50 -0.76 0.00	29.50 -1.45 0.00	32.85 -1.51 0.00	34.91 -0.97 0.00	36.01 -0.59 0.00	40.25 0.32 0.00	44.40 0.70 0.00	49.54 1.63 0.00	57.86 1.85 0.00	61.96 1.63 0.00	72.77 -0.74 0.00	95.82 -1.95 0.00	106.10 -4.42 0.00	91.64 0.09 0.00	71.40 2.08 0.00	60.16 2.86 0.00	50.56 0.30 0.00	43.80 0.39 0.00	38.77 0.87 0.00
MOHAWK_PAPER___DRP 24187	34.91 1.25 0.00	31.47 1.12 0.00	29.85 1.09 0.00	29.24 1.07 0.00	29.27 1.07 0.00	30.29 1.02 0.00	32.07 1.11 0.00	35.60 1.24 0.00	37.10 1.22 0.00	37.99 1.39 0.00	41.37 1.44 0.00	45.28 1.57 0.00	49.44 1.53 0.00	57.98 1.96 0.00	62.80 2.47 0.00	76.98 3.45 -0.02	105.07 4.69 -2.60	134.42 5.86 -18.03	177.00 4.49 -80.96	150.20 3.19 -77.69	106.62 2.41 -46.92	76.70 2.26 -24.17	45.36 1.95 0.00	39.45 1.55 0.00
MOHICAN___35_KV_115KV_LD 80490	35.99 2.32 0.00	32.41 2.06 0.00	30.69 1.93 0.00	30.00 1.83 0.00	30.03 1.83 0.00	31.13 1.87 0.00	32.96 2.01 0.00	36.70 2.34 0.00	38.28 2.40 0.00	39.20 2.60 0.00	42.45 2.52 0.00	46.72 3.02 0.00	51.21 3.31 0.00	59.77 3.75 0.00	65.15 4.83 0.00	79.84 6.32 -0.01	108.27 8.70 -1.79	134.28 11.16 -12.60	199.85 9.80 -98.50	172.80 7.49 -95.99	128.56 6.36 -64.91	90.70 5.43 -35.01	47.49 4.08 0.00	41.01 3.11 0.00
MONGAUP___HYD 23641	35.66 1.99 0.00	32.10 1.76 0.00	30.43 1.67 0.00	29.75 1.58 0.00	29.83 1.63 0.00	30.84 1.58 0.00	32.65 1.70 0.00	36.05 1.68 0.00	37.71 1.83 0.00	38.76 2.16 0.00	42.25 2.32 0.00	46.11 2.40 0.00	50.49 2.59 0.00	59.26 3.25 0.00	63.82 3.50 0.00	78.73 5.22 0.00	104.62 6.55 -0.29	118.83 7.73 -0.57	104.06 5.95 -6.56	80.16 4.30 -6.54	66.25 3.67 -5.29	56.27 3.17 -2.85	46.19 2.78 0.00	40.14 2.24 0.00
MONTAUK___DIESEL 23721	44.38 3.47 -7.24	41.35 3.03 -7.98	36.55 3.05 -4.74	33.86 3.04 -2.65	31.30 3.10 0.00	33.65 3.22 -1.17	34.17 3.22 0.00	38.35 3.99 0.00	43.52 4.77 -2.87	45.42 5.67 -3.15	50.61 6.83 -3.85	52.85 7.60 -1.54	62.73 8.38 -6.43	72.14 9.75 -6.38	76.50 10.26 -5.92	105.02 12.42 -19.09	125.45 17.50 -10.18	145.26 19.45 -15.28	124.79 14.37 -18.86	88.42 10.19 -8.91	71.58 8.25 -6.04	65.82 7.89 -7.67	51.98 6.29 -2.28	50.40 5.46 -7.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.02 1.35 0.00	30.95 0.61 0.00	29.13 0.37 0.00	28.40 0.23 0.00	28.31 0.11 0.00	29.76 0.50 0.00	31.14 0.19 0.00	34.95 0.58 0.00	37.03 1.15 0.00	38.47 1.87 0.00	42.81 2.88 0.00	47.20 3.50 0.00	52.51 4.60 0.00	61.90 5.88 0.00	66.24 5.91 0.00	78.29 4.78 0.00	103.35 5.57 0.00	114.39 3.87 0.00	98.24 6.68 0.00	75.84 6.52 0.00	63.88 6.59 0.00	53.48 3.22 0.00	46.23 2.82 0.00	40.59 2.69 0.00

MORTIMER_115KV_TB3 55949	34.21 0.54 0.00	30.43 0.09 0.00	28.67 -0.09 0.00	27.97 -0.20 0.00	27.91 -0.28 0.00	29.17 -0.09 0.00	30.58 -0.37 0.00	34.09 -0.27 0.00	35.98 0.11 0.00	36.97 0.37 0.00	40.97 1.04 0.00	45.19 1.49 0.00	50.11 2.20 0.00	58.82 2.80 0.00	62.98 2.65 0.00	75.20 1.69 0.00	99.34 1.56 0.00	111.30 0.77 0.00	94.39 2.84 0.00	72.72 3.40 0.00	60.90 3.61 0.00	51.82 1.56 0.00	44.71 1.30 0.00	39.15 1.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.10 1.84 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.82 3.22 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.55 3.64 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.56 6.87 -9.14	82.80 4.58 -8.90	66.37 3.04 -6.04	56.80 3.32 -3.23	46.40 3.00 0.00	40.55 2.65 0.00
MUNSVILLE_WIND_PWR 323609	36.87 3.20 0.00	33.01 2.67 0.00	31.18 2.42 0.00	30.48 2.31 0.00	30.42 2.23 0.00	31.84 2.58 0.00	33.83 2.88 0.00	37.70 3.33 0.00	39.14 3.26 0.00	40.26 3.44 -0.22	43.65 3.71 0.00	47.99 4.29 0.00	53.13 5.22 0.00	62.53 6.49 -0.02	67.26 6.93 0.00	81.89 8.23 -0.15	110.37 10.76 -1.84	125.72 12.49 -2.71	109.50 11.90 -6.05	84.79 10.05 -5.42	71.02 8.77 -4.96	59.99 6.83 -2.89	48.76 5.21 -0.15	41.96 4.06 0.00
N SALMON___HYD 24042	33.16 -0.50 0.00	29.92 -0.42 0.00	28.44 -0.32 0.00	27.89 -0.28 0.00	27.91 -0.28 0.00	29.00 -0.26 0.00	31.01 0.06 0.00	34.13 -0.24 0.00	35.77 -0.11 0.00	35.98 -0.62 0.00	39.26 -0.68 0.00	42.83 -0.87 0.00	46.57 -1.34 0.00	53.61 -2.41 0.00	57.67 -2.65 0.00	69.60 -3.90 0.01	60.35 -4.89 32.54	84.06 -5.08 21.38	60.18 -4.58 26.80	65.78 -3.53 0.01	55.12 -2.18 0.00	48.65 -1.61 0.00	42.54 -0.87 0.00	37.41 -0.49 0.00
N.AKRON___115KV_KNAPP 355671	34.48 0.81 0.00	30.46 0.12 0.00	28.65 -0.12 0.00	27.94 -0.23 0.00	27.83 -0.37 0.00	29.20 -0.06 0.00	30.40 -0.56 0.00	33.85 -0.52 0.00	35.98 0.11 0.00	37.04 0.44 0.00	41.33 1.40 0.00	45.72 2.01 0.00	50.83 2.92 0.00	59.83 3.81 0.00	63.89 3.56 0.00	75.27 1.76 0.00	99.24 1.47 0.00	110.30 -0.22 0.00	95.03 3.48 0.00	73.69 4.37 0.00	62.34 5.04 0.00	52.22 1.96 0.00	45.19 1.78 0.00	39.80 1.90 0.00
N.BELMOR_69_KV_BK1 55787	43.84 2.93 -7.24	40.90 2.58 -7.98	35.92 2.42 -4.74	33.10 2.28 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.40 2.45 0.00	37.29 2.92 0.00	41.97 3.23 -2.87	43.56 3.81 -3.15	47.74 3.95 -3.85	49.52 4.28 -1.54	64.63 4.46 -12.27	90.94 5.15 -29.77	93.36 5.43 -27.60	169.96 7.28 -89.17	154.33 10.46 -46.09	158.20 12.05 -35.63	154.58 8.51 -54.51	83.91 5.68 -8.90	67.68 4.35 -6.04	62.35 4.42 -7.67	49.59 3.91 -2.28	48.32 3.37 -7.05
N.E._GEN_SANDY PD 24062	35.29 1.62 0.00	34.83 1.49 -3.00	30.67 1.41 -0.50	32.00 1.41 -2.42	32.00 1.44 -2.37	31.09 1.38 -0.45	32.44 1.49 0.00	35.98 1.62 0.00	37.49 1.62 0.00	38.43 1.83 0.00	41.85 1.92 0.00	45.67 1.97 0.00	49.97 2.06 0.00	56.45 2.63 2.20	65.66 3.13 -2.20	80.92 4.41 -3.00	105.00 5.96 -1.26	127.41 6.85 -10.03	143.80 5.12 -47.12	121.15 3.53 -48.29	93.50 2.58 -33.63	63.30 2.51 -10.53	45.62 2.21 0.00	39.72 1.82 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.45 1.78 0.00	31.98 1.64 0.00	30.34 1.58 0.00	29.66 1.49 0.00	29.72 1.52 0.00	30.75 1.49 0.00	32.59 1.64 0.00	36.15 1.79 0.00	37.81 1.94 0.00	39.09 2.49 0.00	42.57 2.64 0.00	46.46 2.75 0.00	50.78 2.87 0.00	59.55 3.53 0.00	64.01 3.68 0.00	78.95 5.44 0.00	105.55 7.43 -0.34	120.48 8.51 -1.44	106.07 5.95 -8.57	81.70 4.02 -8.36	65.65 2.64 -5.72	55.99 2.66 -3.07	45.75 2.34 0.00	39.95 2.05 0.00
N.QUEENS_27_KV_LOAD 356247	36.34 2.66 -0.01	32.72 2.37 -0.01	30.95 2.19 -0.01	30.23 2.06 -0.01	30.32 2.11 -0.01	31.40 2.14 -0.01	33.43 2.48 0.00	37.19 2.82 -0.01	38.75 2.87 0.00	40.00 3.40 0.00	43.53 3.59 0.00	47.47 3.76 -0.01	51.70 3.78 -0.01	60.62 4.59 -0.01	64.84 4.52 0.01	79.98 6.47 -0.01	106.96 8.80 -0.39	122.21 10.06 -1.63	107.84 7.14 -9.15	83.09 4.85 -8.91	66.49 3.15 -6.05	56.91 3.42 -3.23	46.67 3.26 -0.01	40.90 2.99 -0.01
N.TROY___115KV_TB1 355778	35.18 1.52 0.00	31.71 1.37 0.00	30.08 1.32 0.00	29.47 1.30 0.00	29.49 1.30 0.00	30.55 1.29 0.00	32.31 1.36 0.00	35.88 1.51 0.00	37.35 1.47 0.00	38.25 1.65 0.00	41.61 1.68 0.00	45.50 1.79 0.00	49.78 1.87 0.00	58.37 2.35 0.00	63.34 3.02 0.00	77.64 4.12 -0.02	106.23 5.57 -2.88	136.98 6.74 -19.72	193.33 5.40 -96.38	166.09 3.95 -92.82	117.85 3.09 -57.46	83.00 2.81 -29.92	45.71 2.30 0.00	39.76 1.86 0.00
NARROWS_GT1_1 24228	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT1_2 24229	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT1_3 24230	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT1_4 24231	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT1_5 24232	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00

NARROWS_GT1_6 24233	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT1_7 24234	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT1_8 24235	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_1 24236	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_2 24237	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_3 24238	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_4 24239	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_5 24240	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_6 24241	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_7 24242	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NARROWS_GT2_8 24243	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.51 3.80 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.64 6.95 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.55 1.89 0.00	32.01 1.67 0.00	30.34 1.58 0.00	29.72 1.55 0.00	29.74 1.55 0.00	30.75 1.49 0.00	32.53 1.58 0.00	35.77 1.41 0.00	37.28 1.40 0.00	37.88 1.28 0.00	41.25 1.32 0.00	45.10 1.40 0.00	48.67 0.77 0.00	57.08 1.06 0.00	62.20 1.87 0.00	76.43 2.94 0.02	99.29 4.79 3.28	97.53 6.52 19.52	102.14 5.58 -5.01	80.67 3.54 -7.81	79.21 2.75 -19.16	65.68 2.26 -13.16	46.10 2.69 0.00	40.10 2.20 0.00
NCHELSEA_115KV_TR2 355582	35.89 2.22 0.00	32.32 1.97 0.00	30.63 1.87 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	32.90 1.95 0.00	36.50 2.13 0.00	38.21 2.33 0.00	39.42 2.82 0.00	42.97 3.04 0.00	46.90 3.19 0.00	51.31 3.40 0.00	60.22 4.20 0.00	64.91 4.58 0.00	80.05 6.54 0.00	107.07 9.00 -0.30	121.38 10.28 -0.58	107.05 7.69 -7.81	82.49 5.41 -7.76	67.12 3.84 -5.99	57.11 3.47 -3.38	46.45 3.04 0.00	40.48 2.58 0.00
NEG CAPITAL___MECHNVIL 23645	35.93 2.26 0.00	32.38 2.03 0.00	30.63 1.87 0.00	30.00 1.83 0.00	30.00 1.81 0.00	31.11 1.84 0.00	32.93 1.98 0.00	36.60 2.23 0.00	38.18 2.30 0.00	39.05 2.45 0.00	42.49 2.56 0.00	46.68 2.97 0.00	51.17 3.26 0.00	59.94 3.92 0.00	65.09 4.76 0.00	79.77 6.24 -0.02	108.50 8.50 -2.23	136.56 10.61 -15.42	198.42 8.79 -98.08	171.07 6.59 -95.16	124.96 5.38 -62.28	88.12 4.68 -33.18	47.05 3.65 0.00	40.78 2.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.64 -0.03 0.00	29.98 -0.36 0.00	28.33 -0.43 0.00	27.58 -0.59 0.00	27.52 -0.68 0.00	28.76 -0.50 0.00	30.21 -0.74 0.00	33.78 -0.58 0.00	35.55 -0.32 0.00	36.53 -0.07 0.00	40.37 0.44 0.00	44.45 0.74 0.00	49.34 1.44 0.00	57.70 1.68 0.00	62.01 1.69 0.00	74.24 0.74 0.00	98.36 0.59 0.00	110.30 -0.22 0.00	93.20 1.65 0.00	71.61 2.28 0.00	59.76 2.46 0.00	51.21 0.95 0.00	44.01 0.61 0.00	38.47 0.57 0.00

NEG CENTRAL___DRP 24199	34.31 0.64 0.00	30.74 0.39 0.00	28.99 0.23 0.00	28.31 0.14 0.00	28.31 0.11 0.00	29.52 0.26 0.00	31.17 0.22 0.00	34.81 0.45 0.00	36.38 0.50 0.00	37.72 0.77 -0.35	41.09 1.16 0.00	45.19 1.49 0.00	49.82 1.92 0.00	58.51 2.46 -0.03	62.80 2.47 0.00	75.95 2.21 -0.24	103.42 2.74 -2.91	117.35 2.54 -4.29	97.28 3.48 -2.25	73.55 3.40 -0.83	62.43 3.27 -1.87	53.27 1.81 -1.20	45.07 1.43 -0.23	38.96 1.06 0.00
NEG CENTRAL___INDECK 23768	35.62 1.95 0.00	31.65 1.30 0.00	29.83 1.06 0.00	28.99 0.82 0.00	28.93 0.73 0.00	30.31 1.05 0.00	31.79 0.84 0.00	35.46 1.10 0.00	37.06 1.18 0.00	38.06 1.47 0.00	40.77 0.84 0.00	44.80 1.09 0.00	49.77 1.87 0.00	55.96 -0.06 0.00	60.15 -0.18 0.00	72.33 -1.18 0.00	95.43 -2.35 0.00	106.98 -3.54 0.00	91.28 -0.27 0.00	71.47 2.15 0.00	60.10 2.81 0.00	53.18 2.91 0.00	45.53 2.13 0.00	39.72 1.82 0.00
NEG CENTRAL___SENECA 23627	34.61 0.94 0.00	30.92 0.58 0.00	29.13 0.37 0.00	28.42 0.25 0.00	28.42 0.23 0.00	29.67 0.41 0.00	31.29 0.34 0.00	34.98 0.62 0.00	36.59 0.72 0.00	37.81 1.02 -0.18	41.49 1.56 0.00	45.67 1.97 0.00	50.49 2.59 0.00	59.34 3.31 -0.02	63.64 3.32 0.00	76.57 2.94 -0.13	102.83 3.52 -1.54	116.00 3.21 -2.27	97.23 4.49 -1.19	74.20 4.44 -0.44	62.52 4.24 -0.99	53.31 2.41 -0.64	45.44 1.91 -0.12	39.38 1.48 0.00
NEG CENTRAL___STATE_STREET 24147	34.17 0.51 0.00	30.71 0.36 0.00	28.99 0.23 0.00	28.37 0.20 0.00	28.33 0.14 0.00	29.52 0.26 0.00	31.20 0.25 0.00	34.81 0.45 0.00	36.42 0.54 0.00	37.87 0.81 -0.46	41.01 1.08 0.00	44.97 1.27 0.00	49.58 1.68 0.00	58.13 2.07 -0.04	62.44 2.11 0.00	75.96 2.13 -0.32	104.49 2.84 -3.88	118.90 2.65 -5.72	97.76 3.20 -3.00	73.27 2.84 -1.10	62.48 2.69 -2.49	53.52 1.66 -1.60	44.98 1.26 -0.31	38.77 0.87 0.00
NEG MILLWOOD___DRP 24198	36.16 2.49 0.00	32.53 2.18 0.00	30.80 2.04 0.00	30.09 1.92 0.00	30.20 2.00 0.00	31.22 1.96 0.00	33.12 2.17 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.82 3.22 0.00	43.37 3.43 0.00	47.42 3.71 0.00	51.93 4.02 0.00	60.95 4.93 0.00	65.70 5.37 0.00	80.93 7.42 0.00	108.48 10.36 -0.35	123.79 11.83 -1.44	109.65 8.88 -9.22	84.57 6.24 -9.00	68.04 4.53 -6.22	57.69 4.07 -3.35	46.92 3.52 0.00	40.82 2.92 0.00
NEG NORTH_FLCN_SEA 23793	33.43 -0.24 0.00	30.13 -0.21 0.00	28.67 -0.09 0.00	28.11 -0.06 0.00	28.17 -0.03 0.00	29.67 0.41 0.00	31.76 0.80 0.00	34.43 0.07 0.00	36.16 0.29 0.00	36.34 -0.26 0.00	39.73 -0.20 0.00	43.36 -0.35 0.00	47.62 -0.29 0.00	52.71 -3.31 0.00	55.86 -4.46 0.00	67.40 -6.10 0.01	55.74 -7.43 34.61	79.82 -7.96 22.74	55.94 -7.05 28.56	63.84 -5.48 0.01	53.57 -3.72 0.00	48.70 -1.56 0.00	43.19 -0.22 0.00	37.86 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	33.03 -0.64 0.00	29.80 -0.55 0.00	28.33 -0.43 0.00	27.78 -0.39 0.00	27.83 -0.37 0.00	28.94 -0.32 0.00	30.92 -0.03 0.00	33.95 -0.41 0.00	35.59 -0.29 0.00	35.83 -0.77 0.00	39.10 -0.84 0.00	42.66 -1.05 0.00	46.81 -1.10 0.00	53.33 -2.69 0.00	57.07 -3.26 0.00	69.09 -4.41 0.01	58.29 -5.38 34.10	82.48 -5.64 22.41	58.42 -5.04 28.09	65.43 -3.88 0.01	54.66 -2.64 0.00	48.75 -1.51 0.00	42.54 -0.87 0.00	37.29 -0.61 0.00
NEG NORTH___ALICE_FALLS 23915	33.43 -0.24 0.00	30.13 -0.21 0.00	28.65 -0.12 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.61 0.35 0.00	31.70 0.74 0.00	34.50 0.14 0.00	36.24 0.36 0.00	36.42 -0.18 0.00	39.77 -0.16 0.00	43.44 -0.26 0.00	47.72 -0.19 0.00	53.27 -2.74 0.00	56.65 -3.68 0.00	68.28 -5.22 0.01	57.09 -6.16 34.53	81.31 -6.52 22.69	57.20 -5.86 28.49	64.81 -4.51 0.01	54.43 -2.86 0.00	49.16 -1.11 0.00	43.28 -0.13 0.00	37.94 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	33.43 -0.24 0.00	30.13 -0.21 0.00	28.65 -0.12 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.61 0.35 0.00	31.70 0.74 0.00	34.50 0.14 0.00	36.24 0.36 0.00	36.42 -0.18 0.00	39.77 -0.16 0.00	43.44 -0.26 0.00	47.72 -0.19 0.00	53.27 -2.74 0.00	56.65 -3.68 0.00	68.28 -5.22 0.01	57.09 -6.16 34.53	81.31 -6.52 22.69	57.20 -5.86 28.49	64.81 -4.51 0.01	54.43 -2.86 0.00	49.16 -1.11 0.00	43.28 -0.13 0.00	37.94 0.04 0.00
NEG NORTH___PLATTSBURG 23628	33.44 -0.23 0.00	30.13 -0.21 0.00	28.65 -0.11 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.61 0.35 0.00	31.69 0.74 0.00	34.50 0.14 0.00	36.20 0.32 0.00	36.42 -0.18 0.00	39.78 -0.16 0.00	43.44 -0.26 0.00	46.66 -1.25 0.00	52.71 -3.31 0.00	56.64 -3.68 0.00	68.28 -5.22 0.01	56.89 -6.35 34.53	81.31 -6.52 22.69	57.20 -5.86 28.49	64.81 -4.50 0.01	54.43 -2.86 0.00	48.30 -1.96 0.00	43.28 -0.13 0.00	37.94 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	33.74 0.07 0.00	29.77 -0.58 0.00	28.04 -0.72 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.59 -0.67 0.00	29.65 -1.30 0.00	32.89 -1.48 0.00	35.05 -0.83 0.00	36.16 -0.44 0.00	40.37 0.44 0.00	44.67 0.96 0.00	49.63 1.72 0.00	58.37 2.35 0.00	62.32 1.99 0.00	73.21 -0.29 0.00	96.31 -1.47 0.00	106.66 -3.87 0.00	92.10 0.55 0.00	71.47 2.15 0.00	60.56 3.27 0.00	50.66 0.40 0.00	44.01 0.61 0.00	38.92 1.02 0.00
NEG WEST___LANCASTR 23811	34.17 0.51 0.00	30.22 -0.12 0.00	28.47 -0.29 0.00	27.75 -0.42 0.00	27.66 -0.54 0.00	29.03 -0.23 0.00	30.30 -0.65 0.00	33.78 -0.58 0.00	35.88 0.00 0.00	37.22 0.62 0.00	41.37 1.44 0.00	45.67 1.97 0.00	50.83 2.92 0.00	59.94 3.92 0.00	64.13 3.80 0.00	75.86 2.35 0.00	100.02 2.25 0.00	110.86 0.33 0.00	95.12 3.57 0.00	73.41 4.09 0.00	61.76 4.47 0.00	51.67 1.41 0.00	44.75 1.35 0.00	39.45 1.55 0.00
NEG_PENN_ALLEGHNY 23528	34.44 0.77 0.00	30.92 0.58 0.00	29.25 0.49 0.00	28.56 0.39 0.00	28.56 0.37 0.00	29.73 0.47 0.00	31.39 0.43 0.00	34.98 0.62 0.00	36.59 0.72 0.00	37.91 1.10 -0.21	41.33 1.40 0.00	45.32 1.62 0.00	50.01 2.11 0.00	58.61 2.58 -0.02	63.04 2.72 0.00	76.37 2.72 -0.14	102.95 3.42 -1.75	116.43 3.31 -2.59	99.62 3.67 -4.40	76.24 3.26 -3.66	63.67 2.81 -3.57	54.22 1.86 -2.10	45.02 1.48 -0.14	39.08 1.18 0.00
NEG___GEN_MONROE 24207	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.20 0.03 0.00	28.08 -0.11 0.00	29.41 0.15 0.00	30.80 -0.15 0.00	34.30 -0.07 0.00	36.13 0.25 0.00	37.11 0.51 0.00	41.17 1.24 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.15 3.14 0.00	63.28 2.96 0.00	75.34 1.84 0.00	99.44 1.66 0.00	111.41 0.88 0.00	95.12 3.57 0.00	73.27 3.95 0.00	61.53 4.24 0.00	52.32 2.06 0.00	45.10 1.69 0.00	39.61 1.71 0.00
NEPA___ENERGY 23901	34.48 0.81 0.00	30.53 0.18 0.00	28.76 0.00 0.00	28.03 -0.14 0.00	27.91 -0.28 0.00	29.32 0.06 0.00	30.64 -0.31 0.00	34.33 -0.03 0.00	36.42 0.54 0.00	37.81 1.21 0.00	42.09 2.16 0.00	46.41 2.71 0.00	51.64 3.74 0.00	60.78 4.76 0.00	65.03 4.71 0.00	76.96 3.45 0.00	101.59 3.81 0.00	112.62 2.10 0.00	96.50 4.94 0.00	74.52 5.20 0.00	62.62 5.33 0.00	52.47 2.21 0.00	45.45 2.04 0.00	39.87 1.97 0.00

NEVERSINK___HYD 23608	34.95 1.28 0.00	31.50 1.15 0.00	29.83 1.06 0.00	29.18 1.01 0.00	29.27 1.07 0.00	30.26 1.00 0.00	32.04 1.08 0.00	35.53 1.17 0.00	37.17 1.29 0.00	38.28 1.68 0.00	41.77 1.84 0.00	45.58 1.88 0.00	50.01 2.11 0.00	58.71 2.69 0.00	63.22 2.90 0.00	77.99 4.48 0.00	104.12 6.35 0.00	117.82 7.29 0.00	105.09 5.49 -8.05	81.08 3.74 -8.02	65.99 2.52 -6.18	55.96 2.21 -3.49	45.27 1.87 0.00	39.34 1.44 0.00
NEWKRMKL_115KV_TB1 55635	34.51 0.84 0.00	31.13 0.79 0.00	29.51 0.75 0.00	28.93 0.76 0.00	28.96 0.76 0.00	29.96 0.70 0.00	31.73 0.77 0.00	35.19 0.82 0.00	36.67 0.79 0.00	37.59 0.99 0.00	40.93 1.00 0.00	44.80 1.09 0.00	48.82 0.91 0.00	57.19 1.18 0.00	62.02 1.69 0.00	75.93 2.43 0.01	99.75 3.32 1.34	107.99 4.20 6.74	138.20 3.02 -43.63	115.66 2.08 -44.26	97.04 1.49 -38.25	74.04 1.46 -22.32	44.75 1.35 0.00	39.00 1.10 0.00
NEWTON___FALLS_HYD 23847	33.13 -0.54 0.00	29.83 -0.52 0.00	28.27 -0.49 0.00	27.69 -0.48 0.00	27.66 -0.54 0.00	28.70 -0.56 0.00	30.55 -0.40 0.00	33.85 -0.52 0.00	35.27 -0.61 0.00	35.87 -0.91 -0.19	38.78 -1.16 0.00	42.44 -1.27 0.00	46.66 -1.25 0.00	54.52 -1.51 -0.02	58.70 -1.63 0.00	71.42 -2.21 -0.12	77.59 -3.23 16.96	97.23 -3.43 9.87	74.86 -2.66 14.04	68.10 -1.66 -0.44	57.32 -0.97 -1.00	50.00 -0.90 -0.64	42.45 -1.09 -0.13	37.22 -0.68 0.00
NGRID_A1_DSASP 323792	33.30 -0.37 0.00	29.31 -1.03 0.00	27.78 -0.98 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.37 -1.99 0.00	34.44 -1.44 0.00	35.54 -1.06 0.00	39.74 -0.20 0.00	43.84 0.13 0.00	48.87 0.96 0.00	57.03 1.01 0.00	61.05 0.73 0.00	71.67 -1.83 0.00	94.16 -3.62 0.00	104.23 -6.30 0.00	90.00 -1.56 0.00	70.22 0.90 0.00	59.24 1.95 0.00	49.81 -0.45 0.00	43.19 -0.22 0.00	38.32 0.42 0.00
NGRID_A2_DSASP 323793	33.30 -0.37 0.00	29.31 -1.03 0.00	27.78 -0.98 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.37 -1.99 0.00	34.44 -1.44 0.00	35.54 -1.06 0.00	39.74 -0.20 0.00	43.84 0.13 0.00	48.87 0.96 0.00	57.03 1.01 0.00	61.05 0.73 0.00	71.67 -1.83 0.00	94.16 -3.62 0.00	104.23 -6.30 0.00	90.00 -1.56 0.00	70.22 0.90 0.00	59.24 1.95 0.00	49.81 -0.45 0.00	43.19 -0.22 0.00	38.32 0.42 0.00
NGRID_A4_DSASP 323807	33.30 -0.37 0.00	29.31 -1.03 0.00	27.78 -0.98 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.37 -1.99 0.00	34.44 -1.44 0.00	35.54 -1.06 0.00	39.74 -0.20 0.00	43.84 0.13 0.00	48.87 0.96 0.00	57.03 1.01 0.00	61.05 0.73 0.00	71.67 -1.83 0.00	94.16 -3.62 0.00	104.23 -6.30 0.00	90.00 -1.56 0.00	70.22 0.90 0.00	59.24 1.95 0.00	49.81 -0.45 0.00	43.19 -0.22 0.00	38.32 0.42 0.00
NIAGARA_115E_LBMP 323715	33.53 -0.13 0.00	29.59 -0.76 0.00	28.01 -0.75 0.00	27.18 -0.99 0.00	27.07 -1.13 0.00	28.41 -0.85 0.00	29.37 -1.58 0.00	32.68 -1.68 0.00	34.73 -1.15 0.00	35.83 -0.77 0.00	40.05 0.12 0.00	44.19 0.48 0.00	49.30 1.39 0.00	57.58 1.57 0.00	61.60 1.27 0.00	72.41 -1.10 0.00	95.23 -2.54 0.00	105.44 -5.08 0.00	91.10 -0.46 0.00	70.98 1.66 0.00	59.81 2.52 0.00	50.31 0.05 0.00	43.58 0.17 0.00	38.62 0.72 0.00
NIAGARA_115W_LBMP 323714	33.20 -0.47 0.00	29.22 -1.12 0.00	27.70 -1.06 0.00	26.87 -1.30 0.00	26.76 -1.44 0.00	28.09 -1.17 0.00	29.06 -1.89 0.00	32.30 -2.06 0.00	34.34 -1.54 0.00	35.43 -1.17 0.00	39.61 -0.32 0.00	43.70 0.00 0.00	48.72 0.81 0.00	56.86 0.84 0.00	60.81 0.48 0.00	71.45 -2.06 0.00	93.96 -3.81 0.00	103.90 -6.63 0.00	89.72 -1.83 0.00	70.01 0.69 0.00	59.07 1.78 0.00	49.66 -0.60 0.00	43.06 -0.35 0.00	38.20 0.30 0.00
NIAGARA_230_LBMP 323716	33.64 -0.03 0.00	29.68 -0.67 0.00	28.10 -0.66 0.00	27.27 -0.90 0.00	27.15 -1.04 0.00	28.50 -0.76 0.00	29.53 -1.42 0.00	32.78 -1.58 0.00	34.87 -1.00 0.00	35.98 -0.62 0.00	40.18 0.24 0.00	44.27 0.57 0.00	49.39 1.49 0.00	57.64 1.63 0.00	61.65 1.33 0.00	72.55 -0.96 0.00	95.53 -2.24 0.00	105.78 -4.75 0.00	91.19 -0.36 0.00	71.06 1.73 0.00	59.81 2.52 0.00	50.36 0.10 0.00	43.67 0.26 0.00	38.66 0.76 0.00
NIAGARA___115KV_198_GIBSON 55903	33.13 -0.54 0.00	29.22 -1.12 0.00	27.55 -1.21 0.00	26.87 -1.30 0.00	26.76 -1.44 0.00	28.06 -1.20 0.00	29.06 -1.89 0.00	32.17 -2.20 0.00	34.30 -1.58 0.00	35.39 -1.21 0.00	39.50 -0.44 0.00	43.70 0.00 0.00	48.53 0.62 0.00	57.03 1.01 0.00	60.81 0.48 0.00	71.45 -2.06 0.00	93.86 -3.91 0.00	103.89 -6.63 0.00	89.72 -1.83 0.00	69.81 0.49 0.00	59.13 1.83 0.00	49.46 -0.80 0.00	43.02 -0.39 0.00	38.17 0.27 0.00
NIAGARA____ 23760	33.64 -0.03 0.00	29.68 -0.67 0.00	28.10 -0.66 0.00	27.27 -0.90 0.00	27.15 -1.04 0.00	28.50 -0.76 0.00	29.53 -1.42 0.00	32.78 -1.58 0.00	34.87 -1.00 0.00	35.98 -0.62 0.00	40.18 0.24 0.00	44.27 0.57 0.00	49.39 1.49 0.00	57.64 1.63 0.00	61.65 1.33 0.00	72.55 -0.96 0.00	95.53 -2.24 0.00	105.78 -4.75 0.00	91.19 -0.36 0.00	71.06 1.73 0.00	59.81 2.52 0.00	50.36 0.10 0.00	43.67 0.26 0.00	38.66 0.76 0.00
NINE_MILE_1 23575	32.86 -0.81 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.38 -0.79 0.00	27.38 -0.82 0.00	28.47 -0.79 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.67 -0.81 3.13	39.09 -0.84 0.00	42.87 -0.83 0.00	47.14 -0.77 0.00	54.90 -0.84 0.28	59.36 -0.97 0.00	69.97 -1.40 2.13	69.68 -1.95 26.14	69.53 -2.43 38.56	69.75 -1.56 20.24	60.91 -0.97 7.44	39.80 -0.68 16.81	38.61 -0.85 10.79	40.47 -0.83 2.11	37.14 -0.76 0.00
NINE_MILE_2 23744	32.86 -0.81 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.38 -0.79 0.00	27.38 -0.82 0.00	28.47 -0.79 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.62 -0.81 3.17	39.09 -0.84 0.00	42.87 -0.83 0.00	47.14 -0.77 0.00	54.89 -0.84 0.29	59.36 -0.97 0.00	69.94 -1.40 2.17	69.29 -1.95 26.53	68.95 -2.43 39.14	69.45 -1.56 20.55	60.80 -0.97 7.55	39.54 -0.68 17.07	38.45 -0.85 10.96	40.44 -0.83 2.14	37.14 -0.76 0.00
NM_CAPITAL___DRP 24208	34.54 0.88 0.00	31.16 0.82 0.00	29.57 0.81 0.00	28.99 0.82 0.00	29.01 0.82 0.00	30.02 0.76 0.00	31.76 0.80 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.62 1.02 0.00	40.97 1.04 0.00	44.84 1.14 0.00	48.87 0.96 0.00	57.31 1.29 0.00	62.08 1.75 0.00	76.08 2.57 0.00	101.50 3.42 -0.31	118.52 4.31 -3.69	151.59 3.11 -56.92	127.39 2.15 -55.92	98.88 1.55 -40.04	73.82 1.51 -22.05	44.80 1.39 0.00	39.04 1.14 0.00
NM_CENTRAL___DRP 24181	33.70 0.03 0.00	30.28 -0.06 0.00	28.62 -0.14 0.00	28.00 -0.17 0.00	28.00 -0.20 0.00	29.11 -0.15 0.00	30.77 -0.19 0.00	34.30 -0.07 0.00	35.84 -0.04 0.00	37.08 0.18 -0.30	40.29 0.36 0.00	44.19 0.48 0.00	48.63 0.72 0.00	57.00 0.95 -0.03	61.29 0.97 0.00	74.59 0.88 -0.21	101.36 1.08 -2.52	115.01 0.77 -3.71	94.69 1.19 -1.95	71.22 1.18 -0.72	60.11 1.20 -1.62	51.85 0.55 -1.04	44.00 0.39 -0.20	38.09 0.19 0.00

NM_FRONTIER___DRP 24179	33.13 -0.54 0.00	29.22 -1.12 0.00	27.55 -1.21 0.00	26.87 -1.30 0.00	26.76 -1.44 0.00	28.06 -1.20 0.00	29.06 -1.89 0.00	32.17 -2.20 0.00	34.30 -1.58 0.00	35.39 -1.21 0.00	39.50 -0.44 0.00	43.70 0.00 0.00	48.53 0.62 0.00	57.03 1.01 0.00	60.81 0.48 0.00	71.45 -2.06 0.00	93.86 -3.91 0.00	103.89 -6.63 0.00	89.72 -1.83 0.00	69.81 0.49 0.00	59.13 1.83 0.00	49.46 -0.80 0.00	43.02 -0.39 0.00	38.17 0.27 0.00
NM_ST_REGIS___HYD 24053	32.73 -0.94 0.00	29.52 -0.82 0.00	28.04 -0.72 0.00	27.47 -0.70 0.00	27.43 -0.76 0.00	28.41 -0.85 0.00	30.30 -0.65 0.00	33.51 -0.86 0.00	35.02 -0.86 0.00	35.26 -1.43 -0.09	38.22 -1.72 0.00	41.78 -1.92 0.00	45.85 -2.06 0.00	53.11 -2.91 -0.01	57.01 -3.32 0.00	69.08 -4.48 -0.05	63.28 -6.36 28.14	85.55 -7.07 17.90	62.21 -6.13 23.21	64.95 -4.58 -0.20	54.44 -3.32 -0.47	48.05 -2.51 -0.30	41.29 -2.17 -0.06	36.65 -1.25 0.00
NORTHPORT___1 23551	43.37 2.46 -7.24	40.69 2.37 -7.98	35.72 2.21 -4.74	32.96 2.14 -2.65	30.39 2.20 0.00	32.65 2.22 -1.17	33.27 2.32 0.00	37.05 2.68 0.00	41.69 2.94 -2.87	43.19 3.44 -3.15	47.34 3.55 -3.85	48.65 3.41 -1.53	49.11 3.64 2.44	50.54 4.09 9.56	65.33 3.92 -1.08	88.12 5.66 -8.95	108.78 8.41 -2.60	113.54 9.61 6.59	110.06 6.41 -12.10	81.28 4.02 -7.94	66.15 3.32 -5.53	60.90 3.32 -7.32	48.76 3.08 -2.27	47.75 2.80 -7.05
NORTHPORT___2 23552	43.37 2.46 -7.24	40.69 2.37 -7.98	35.72 2.21 -4.74	32.96 2.14 -2.65	30.39 2.20 0.00	32.65 2.22 -1.17	33.27 2.32 0.00	37.05 2.68 0.00	41.69 2.94 -2.87	43.19 3.44 -3.15	47.34 3.55 -3.85	48.65 3.41 -1.53	49.11 3.64 2.44	48.99 4.09 11.11	49.01 3.92 15.24	49.09 5.66 30.08	49.09 8.41 57.09	49.09 9.61 71.05	49.09 6.41 48.87	49.63 4.02 23.71	49.55 3.32 11.07	49.54 3.32 4.04	48.76 3.08 -2.27	47.75 2.80 -7.05
NORTHPORT___3 23553	43.10 2.19 -7.24	40.41 2.09 -7.98	35.43 1.93 -4.74	32.68 1.86 -2.65	30.08 1.89 0.00	32.33 1.90 -1.17	32.93 1.98 0.00	36.73 2.37 0.00	41.44 2.69 -2.87	42.90 3.15 -3.15	46.94 3.15 -3.85	48.51 3.28 -1.53	49.23 3.55 2.22	49.94 4.15 10.22	50.02 4.10 14.41	51.92 5.81 27.40	50.46 8.41 55.72	50.23 9.73 70.03	50.55 6.50 47.51	49.62 4.02 23.72	49.37 3.15 11.07	49.38 3.17 4.05	48.41 2.74 -2.27	47.29 2.35 -7.04
NORTHPORT___4 23650	43.10 2.19 -7.24	40.41 2.09 -7.98	35.43 1.93 -4.74	32.68 1.86 -2.65	30.08 1.89 0.00	32.33 1.90 -1.17	32.93 1.98 0.00	36.73 2.37 0.00	41.44 2.69 -2.87	42.90 3.15 -3.15	46.94 3.15 -3.85	48.51 3.28 -1.53	49.23 3.55 2.22	49.94 4.15 10.22	50.02 4.10 14.41	51.92 5.81 27.40	50.46 8.41 55.72	50.23 9.73 70.03	50.55 6.50 47.51	49.62 4.02 23.72	49.37 3.15 11.07	49.38 3.17 4.05	48.41 2.74 -2.27	47.29 2.35 -7.04
NORTHPORT___IC 23718	43.41 2.49 -7.24	40.69 2.37 -7.98	35.75 2.24 -4.74	32.96 2.14 -2.65	30.39 2.20 0.00	32.66 2.22 -1.17	33.27 2.32 0.00	37.04 2.68 0.00	41.69 2.94 -2.87	43.15 3.40 -3.15	47.38 3.59 -3.85	48.60 3.37 -1.53	49.06 3.59 2.44	48.77 3.87 11.11	49.19 4.10 15.24	49.02 5.59 30.08	49.09 8.41 57.09	49.09 9.62 71.05	49.09 6.41 48.87	49.70 4.09 23.71	49.49 3.27 11.07	49.64 3.42 4.04	48.72 3.04 -2.27	47.83 2.88 -7.05
NORTH___COUNTRY_ESR 323785	32.93 -0.74 0.00	29.70 -0.64 0.00	28.24 -0.52 0.00	27.72 -0.45 0.00	27.77 -0.42 0.00	28.85 -0.41 0.00	30.83 -0.12 0.00	33.85 -0.51 0.00	35.48 -0.39 0.00	35.72 -0.88 0.00	39.02 -0.92 0.00	42.61 -1.09 0.00	46.14 -1.77 0.00	52.94 -3.08 0.00	56.95 -3.38 0.00	69.01 -4.49 0.01	58.01 -5.67 34.09	82.15 -5.97 22.40	58.16 -5.31 28.08	65.22 -4.09 0.01	54.43 -2.86 0.00	48.15 -2.11 0.00	42.36 -1.04 0.00	37.18 -0.72 0.00
NPX_GEN_1385_PROXY 323591	42.90 1.99 -7.24	40.51 2.19 -7.98	35.57 2.07 -4.74	32.88 2.06 -2.65	30.42 2.23 0.00	32.57 2.13 -1.17	33.24 2.29 0.00	36.70 2.34 0.00	41.11 2.37 -2.87	42.53 2.78 -3.15	46.62 2.84 -3.85	48.04 2.80 -1.53	48.82 3.35 2.44	49.30 5.32 12.04	66.00 5.37 -0.31	82.70 7.35 -1.84	100.16 10.66 8.27	104.24 12.05 18.33	101.06 8.52 -0.99	94.00 6.24 -18.44	82.00 5.16 -19.55	59.94 4.72 -4.96	48.72 3.04 -2.27	47.30 2.35 -7.05
NPX_GEN_CSC 323557	43.47 2.56 -7.24	40.57 2.25 -7.98	35.66 2.16 -4.74	32.94 2.11 -2.65	30.34 2.14 0.00	32.60 2.17 -1.17	33.12 2.17 0.00	36.97 2.61 0.00	41.69 2.94 -2.87	43.34 3.59 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.08 4.74 -6.43	65.72 5.55 -4.16	73.96 5.55 -8.09	99.66 7.13 -19.03	118.27 10.36 -10.13	131.92 11.94 -9.45	118.70 8.33 -18.82	83.78 5.55 -8.91	68.27 4.64 -6.33	62.16 4.53 -7.37	49.46 3.77 -2.28	48.24 3.30 -7.05
NSINS_S_GLNS_FALLS 23858	35.96 2.29 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.00 1.80 0.00	31.10 1.84 0.00	32.93 1.98 0.00	36.70 2.34 0.00	38.28 2.40 0.00	39.20 2.60 0.00	42.41 2.48 0.00	46.68 2.97 0.00	51.21 3.31 0.00	59.71 3.70 0.00	65.09 4.77 0.00	79.84 6.32 -0.01	108.13 8.60 -1.75	134.00 11.16 -12.31	199.89 9.80 -98.54	172.88 7.49 -96.07	128.83 6.36 -65.17	90.89 5.43 -35.20	47.44 4.04 0.00	41.01 3.11 0.00
NUCOR_STEEL___DRP 24197	34.21 0.54 0.00	30.74 0.39 0.00	29.02 0.26 0.00	28.37 0.20 0.00	28.33 0.14 0.00	29.49 0.23 0.00	31.17 0.22 0.00	34.71 0.34 0.00	36.27 0.39 0.00	37.75 0.66 -0.50	40.81 0.88 0.00	44.75 1.05 0.00	49.30 1.39 0.00	57.80 1.74 -0.04	62.14 1.81 0.00	75.61 1.76 -0.34	104.17 2.25 -4.15	118.86 2.21 -6.12	97.51 2.75 -3.21	73.00 2.50 -1.18	62.37 2.41 -2.67	53.48 1.51 -1.71	44.87 1.13 -0.33	38.70 0.80 0.00
NUMBER_THREE_WT_PWR 323818	34.04 0.37 0.00	30.62 0.27 0.00	28.96 0.20 0.00	28.37 0.20 0.00	28.34 0.14 0.00	29.49 0.23 0.00	31.35 0.40 0.00	34.81 0.45 0.00	36.20 0.32 0.00	37.04 0.22 -0.22	40.05 0.12 0.00	43.88 0.18 0.00	48.25 0.34 0.00	56.60 0.56 -0.02	61.05 0.73 0.00	74.47 0.81 -0.15	93.55 1.08 5.30	109.98 1.43 1.97	88.94 1.83 4.44	71.72 1.87 -0.52	60.31 1.83 -1.19	52.38 1.36 -0.76	44.29 0.74 -0.15	38.43 0.53 0.00
NYISO_LBMP_REFERENCE 24008	33.67 0.00 0.00	30.34 0.00 0.00	28.76 0.00 0.00	28.17 0.00 0.00	28.19 0.00 0.00	29.26 0.00 0.00	30.95 0.00 0.00	34.36 0.00 0.00	35.88 0.00 0.00	36.60 0.00 0.00	39.93 0.00 0.00	43.70 0.00 0.00	47.91 0.00 0.00	56.02 0.00 0.00	60.33 0.00 0.00	73.51 0.00 0.00	97.77 0.00 0.00	110.52 0.00 0.00	91.55 0.00 0.00	69.32 0.00 0.00	57.29 0.00 0.00	50.26 0.00 0.00	43.41 0.00 0.00	37.90 0.00 0.00
NYPA_BRENTWD____GT 24164	44.05 3.13 -7.24	41.14 2.82 -7.98	36.15 2.64 -4.74	33.38 2.56 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.68 2.72 0.00	37.56 3.20 0.00	42.30 3.55 -2.87	43.89 4.13 -3.15	48.34 4.55 -3.85	49.90 4.63 -1.57	59.49 4.89 -6.69	68.96 5.49 -7.45	72.45 5.25 -6.88	102.95 7.21 -22.23	120.02 10.47 -11.78	132.56 11.94 -10.10	120.42 8.42 -20.45	83.77 5.55 -8.90	68.23 4.87 -6.07	62.58 4.62 -7.70	49.93 4.21 -2.31	48.62 3.68 -7.05

NYPA_GOWANUS____GT5 24156	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.46 3.76 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.48 4.40 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.56 6.87 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NYPA_GOWANUS____GT6 24157	36.31 2.63 -0.01	32.66 2.30 -0.01	30.87 2.10 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.53 3.60 0.00	47.46 3.76 0.00	51.84 3.93 0.00	67.86 4.76 -7.08	69.48 4.40 -4.75	79.82 6.32 0.01	106.65 8.50 -0.38	121.97 9.83 -1.62	107.56 6.87 -9.14	80.94 4.50 -7.11	66.36 3.03 -6.03	65.75 3.32 -12.17	46.62 3.21 0.00	40.86 2.96 0.00
NYPA_HARLEM__RVR__GT1 24160	36.23 2.56 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.15 1.97 -0.01	30.26 2.06 -0.01	31.32 2.05 -0.01	33.30 2.35 0.00	37.05 2.68 -0.01	38.60 2.73 0.00	39.86 3.26 0.00	43.37 3.43 0.00	47.24 3.54 0.00	51.50 3.59 0.00	60.43 4.42 0.01	64.48 4.16 0.01	79.61 6.10 -0.01	106.38 8.21 -0.39	121.66 9.51 -1.63	107.38 6.68 -9.15	82.67 4.44 -8.91	66.19 2.86 -6.03	56.56 3.07 -3.23	46.45 3.04 -0.01	40.71 2.80 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.23 2.56 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.15 1.97 -0.01	30.26 2.06 -0.01	31.32 2.05 -0.01	33.30 2.35 0.00	37.05 2.68 -0.01	38.60 2.73 0.00	39.86 3.26 0.00	43.37 3.43 0.00	47.24 3.54 0.00	51.50 3.59 0.00	60.43 4.42 0.01	64.48 4.16 0.01	79.61 6.10 -0.01	106.38 8.21 -0.39	121.66 9.51 -1.63	107.38 6.68 -9.15	82.67 4.44 -8.91	66.19 2.86 -6.03	56.56 3.07 -3.23	46.45 3.04 -0.01	40.71 2.80 -0.01
NYPA_KENT____GT 24152	36.23 2.56 0.00	32.59 2.25 0.00	30.81 2.04 0.00	30.12 1.94 0.00	30.23 2.03 0.00	31.25 1.99 0.00	33.24 2.29 0.00	37.06 2.68 -0.01	38.75 2.87 0.00	39.96 3.37 0.00	43.45 3.52 0.00	47.38 3.67 0.00	51.69 3.78 0.00	63.31 4.54 -2.76	66.39 4.22 -1.84	79.60 6.10 0.01	106.46 8.31 -0.38	121.65 9.51 -1.62	107.37 6.68 -9.14	79.19 4.30 -5.57	62.58 2.86 -2.42	60.12 3.17 -6.69	46.49 3.08 0.00	40.74 2.84 0.00
NYPA_POUCH1____GT 24155	36.23 2.56 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.18 2.00 -0.01	30.26 2.06 -0.01	31.31 2.05 0.00	33.24 2.29 0.00	37.02 2.65 -0.01	38.68 2.80 0.00	39.86 3.26 0.00	43.37 3.43 0.00	47.29 3.58 0.00	51.65 3.74 0.00	67.63 4.54 -7.08	69.30 4.22 -4.75	79.60 6.10 0.01	106.36 8.21 -0.38	121.65 9.51 -1.62	107.37 6.68 -9.14	80.80 4.37 -7.11	66.19 2.86 -6.03	65.60 3.17 -12.17	46.44 3.04 0.00	40.78 2.88 0.00
NYPA_VERNON____GT2 24162	36.13 2.46 0.00	32.50 2.15 0.00	30.74 1.98 0.00	30.06 1.89 0.00	30.14 1.94 0.00	31.19 1.93 0.00	33.18 2.23 0.00	36.98 2.61 -0.01	38.68 2.80 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.29 3.58 0.00	51.55 3.64 0.00	58.82 4.37 1.57	63.36 4.10 1.07	79.53 6.03 0.00	106.26 8.11 -0.38	121.53 9.39 -1.62	107.19 6.50 -9.14	77.58 4.23 -4.03	58.92 2.81 1.18	54.49 3.02 -1.21	46.40 2.99 0.00	40.63 2.73 0.00
NYPA_VERNON____GT3 24163	36.13 2.46 0.00	32.50 2.15 0.00	30.74 1.98 0.00	30.06 1.89 0.00	30.14 1.94 0.00	31.19 1.93 0.00	33.18 2.23 0.00	36.98 2.61 -0.01	38.68 2.80 0.00	39.93 3.33 0.00	43.41 3.47 0.00	47.29 3.58 0.00	51.55 3.64 0.00	58.82 4.37 1.57	63.36 4.10 1.07	79.53 6.03 0.00	106.26 8.11 -0.38	121.53 9.39 -1.62	107.19 6.50 -9.14	77.58 4.23 -4.03	58.92 2.81 1.18	54.49 3.02 -1.21	46.40 2.99 0.00	40.63 2.73 0.00
NYPA__ASTORIA_CC1 323568	36.09 2.43 0.00	32.47 2.12 0.00	30.69 1.93 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.14 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.30 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.40 3.50 0.00	56.53 4.20 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.92 6.23 -9.14	75.79 4.02 -2.45	55.85 2.64 4.08	51.64 2.86 1.48	46.32 2.91 0.00	40.59 2.69 0.00
NYPA__ASTORIA_CC2 323569	36.09 2.43 0.00	32.47 2.12 0.00	30.69 1.93 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.14 1.87 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.30 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.40 3.50 0.00	56.53 4.20 3.69	61.74 3.92 2.51	79.31 5.81 0.01	105.97 7.82 -0.38	121.20 9.06 -1.62	106.92 6.23 -9.14	75.79 4.02 -2.45	55.85 2.64 4.08	51.64 2.86 1.48	46.32 2.91 0.00	40.59 2.69 0.00
NYPA__HOLTSVILL 23794	43.64 2.73 -7.24	40.78 2.46 -7.98	35.83 2.33 -4.74	33.08 2.25 -2.65	30.51 2.31 0.00	32.77 2.34 -1.17	33.34 2.38 0.00	37.18 2.82 0.00	41.83 3.09 -2.87	43.41 3.66 -3.15	47.82 4.03 -3.85	49.31 4.07 -1.54	58.82 4.50 -6.41	67.50 5.21 -6.27	71.27 5.12 -5.82	99.28 6.99 -18.79	117.87 10.07 -10.02	136.14 11.39 -14.23	118.32 8.06 -18.71	83.57 5.34 -8.91	67.63 4.30 -6.04	62.10 4.17 -7.67	49.42 3.73 -2.28	48.24 3.30 -7.05
NYPA____HELLGATE_GT1 24158	36.23 2.56 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.15 1.97 -0.01	30.26 2.06 -0.01	31.32 2.05 -0.01	33.30 2.35 0.00	37.05 2.68 -0.01	38.60 2.73 0.00	39.86 3.26 0.00	43.37 3.43 0.00	47.24 3.54 0.00	51.50 3.59 0.00	60.43 4.42 0.01	64.48 4.16 0.01	79.61 6.10 -0.01	106.38 8.21 -0.39	121.66 9.51 -1.63	107.38 6.68 -9.15	82.67 4.44 -8.91	66.19 2.86 -6.03	56.56 3.07 -3.23	46.45 3.04 -0.01	40.71 2.80 -0.01
NYPA____HELLGATE_GT2 24159	36.23 2.56 -0.01	32.63 2.28 -0.01	30.84 2.07 -0.01	30.15 1.97 -0.01	30.26 2.06 -0.01	31.32 2.05 -0.01	33.30 2.35 0.00	37.05 2.68 -0.01	38.60 2.73 0.00	39.86 3.26 0.00	43.37 3.43 0.00	47.24 3.54 0.00	51.50 3.59 0.00	60.43 4.42 0.01	64.48 4.16 0.01	79.61 6.10 -0.01	106.38 8.21 -0.39	121.66 9.51 -1.63	107.38 6.68 -9.15	82.67 4.44 -8.91	66.19 2.86 -6.03	56.56 3.07 -3.23	46.45 3.04 -0.01	40.71 2.80 -0.01
NYS_BARGE__HYD 23848	33.94 0.27 0.00	29.89 -0.45 0.00	28.30 -0.46 0.00	27.47 -0.70 0.00	27.35 -0.85 0.00	28.70 -0.56 0.00	29.74 -1.21 0.00	33.16 -1.20 0.00	35.23 -0.64 0.00	36.34 -0.25 0.00	40.65 0.72 0.00	44.84 1.13 0.00	50.01 2.11 0.00	58.48 2.46 0.00	62.62 2.29 0.00	73.58 0.07 0.00	96.89 -0.88 0.00	107.32 -3.21 0.00	92.65 1.10 0.00	72.10 2.78 0.00	60.79 3.50 0.00	51.12 0.85 0.00	44.23 0.82 0.00	39.11 1.21 0.00
OAK ORCHARD__HYD 24046	34.21 0.54 0.00	30.43 0.09 0.00	28.76 0.00 0.00	27.97 -0.20 0.00	27.91 -0.28 0.00	29.20 -0.06 0.00	30.58 -0.37 0.00	34.16 -0.20 0.00	36.06 0.18 0.00	37.04 0.44 0.00	41.05 1.12 0.00	45.19 1.49 0.00	50.25 2.35 0.00	58.65 2.63 0.00	62.98 2.65 0.00	75.20 1.69 0.00	99.43 1.66 0.00	111.30 0.78 0.00	94.48 2.93 0.00	72.86 3.53 0.00	60.85 3.55 0.00	52.02 1.76 0.00	44.75 1.35 0.00	39.19 1.29 0.00

OAKDALE___35_KV_LOAD 356122	34.28 0.61 0.00	30.77 0.42 0.00	29.11 0.35 0.00	28.45 0.28 0.00	28.45 0.25 0.00	29.61 0.35 0.00	31.26 0.31 0.00	34.78 0.41 0.00	36.42 0.54 0.00	37.68 0.88 -0.20	41.09 1.16 0.00	45.10 1.40 0.00	49.68 1.77 0.00	58.28 2.24 -0.02	62.62 2.29 0.00	75.85 2.21 -0.14	102.22 2.74 -1.71	115.58 2.54 -2.52	99.05 3.02 -4.48	75.80 2.70 -3.78	63.39 2.46 -3.64	53.86 1.46 -2.14	44.76 1.22 -0.14	38.85 0.95 0.00
OCC_CHEM___DRP 24175	33.23 -0.44 0.00	29.31 -1.03 0.00	27.64 -1.12 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.27 -2.10 0.00	34.41 -1.47 0.00	35.50 -1.10 0.00	39.61 -0.32 0.00	43.84 0.13 0.00	48.67 0.77 0.00	57.19 1.18 0.00	60.99 0.66 0.00	71.67 -1.84 0.00	94.06 -3.72 0.00	104.22 -6.30 0.00	90.00 -1.56 0.00	70.01 0.69 0.00	59.30 2.01 0.00	49.61 -0.65 0.00	43.15 -0.26 0.00	38.28 0.38 0.00
OH_GEN_PROXY 24063	33.64 -0.03 0.00	29.68 -0.67 0.00	28.10 -0.66 0.00	27.30 -0.87 0.00	27.18 -1.01 0.00	28.50 -0.76 0.00	29.56 -1.39 0.00	32.85 -1.51 0.00	34.94 -0.93 0.00	36.05 -0.55 0.00	40.25 0.32 0.00	44.36 0.66 0.00	49.44 1.53 0.00	55.50 1.68 2.20	63.97 1.45 -2.20	72.77 -0.74 0.00	95.72 -2.06 0.00	106.10 -4.42 0.00	91.46 -0.09 0.00	71.26 1.94 0.00	60.23 2.64 -0.30	50.17 0.20 0.30	43.71 0.31 0.00	38.66 0.76 0.00
OLIN_CORP_DRP 24177	33.53 -0.13 0.00	29.62 -0.73 0.00	27.90 -0.86 0.00	27.21 -0.96 0.00	27.09 -1.10 0.00	28.41 -0.85 0.00	29.44 -1.52 0.00	32.61 -1.75 0.00	34.73 -1.15 0.00	35.87 -0.73 0.00	40.01 0.08 0.00	44.27 0.57 0.00	49.20 1.29 0.00	57.81 1.79 0.00	61.71 1.39 0.00	72.55 -0.96 0.00	95.33 -2.44 0.00	105.55 -4.97 0.00	91.19 -0.37 0.00	70.92 1.59 0.00	59.99 2.69 0.00	50.21 -0.05 0.00	43.62 0.22 0.00	38.62 0.72 0.00
OLIN_CORP_DSASP 323712	33.30 -0.37 0.00	29.31 -1.03 0.00	27.78 -0.98 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.37 -1.99 0.00	34.44 -1.44 0.00	35.54 -1.06 0.00	39.74 -0.20 0.00	43.84 0.13 0.00	48.87 0.96 0.00	57.03 1.01 0.00	61.05 0.73 0.00	71.67 -1.83 0.00	94.16 -3.62 0.00	104.23 -6.30 0.00	90.00 -1.56 0.00	70.22 0.90 0.00	59.24 1.95 0.00	49.81 -0.45 0.00	43.19 -0.22 0.00	38.32 0.42 0.00
ONEIDA_HERK_LFGE 323681	34.48 0.81 0.00	30.98 0.64 0.00	29.34 0.57 0.00	28.73 0.56 0.00	28.73 0.53 0.00	29.88 0.62 0.00	31.69 0.74 0.00	35.22 0.86 0.00	36.70 0.83 0.00	37.56 0.84 -0.12	40.81 0.88 0.00	44.71 1.01 0.00	49.20 1.29 0.00	57.77 1.74 -0.01	62.26 1.93 0.00	75.87 2.28 -0.08	99.66 3.03 1.15	114.23 3.64 -0.07	93.96 3.39 0.98	72.52 2.91 -0.29	60.52 2.58 -0.65	52.69 2.01 -0.42	44.88 1.39 -0.08	38.92 1.02 0.00
ONEIDA___115KV_TB4 55905	34.85 1.18 0.00	31.34 1.00 0.00	29.62 0.86 0.00	29.02 0.85 0.00	28.98 0.79 0.00	30.20 0.94 0.00	31.97 1.02 0.00	35.57 1.20 0.00	37.06 1.18 0.00	38.08 1.32 -0.17	41.45 1.52 0.00	45.45 1.75 0.00	50.06 2.16 0.00	58.78 2.74 -0.01	63.34 3.02 0.00	77.15 3.53 -0.11	103.85 4.69 -1.38	117.76 5.19 -2.04	97.48 4.85 -1.07	73.74 4.02 -0.39	61.74 3.55 -0.89	53.55 2.71 -0.57	45.56 2.04 -0.11	39.42 1.52 0.00
ONONDAGA_REF_OCCRA 23987	33.84 0.17 0.00	30.40 0.06 0.00	28.73 -0.03 0.00	28.11 -0.06 0.00	28.11 -0.08 0.00	29.23 -0.03 0.00	30.89 -0.06 0.00	34.43 0.07 0.00	35.98 0.11 0.00	37.29 0.33 -0.36	40.45 0.52 0.00	44.32 0.61 0.00	48.77 0.86 0.00	57.17 1.12 -0.03	61.53 1.21 0.00	74.86 1.10 -0.25	102.26 1.47 -3.02	116.20 1.22 -4.46	95.45 1.56 -2.34	71.64 1.46 -0.86	60.67 1.43 -1.94	52.26 0.75 -1.25	44.21 0.56 -0.24	38.24 0.34 0.00
ONONDAGA___COGEN 23986	33.87 0.20 0.00	30.46 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.48 0.33 -0.55	40.45 0.52 0.00	44.14 0.44 0.00	48.48 0.57 0.00	56.85 0.78 -0.05	61.11 0.78 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.55 -6.83	96.24 1.10 -3.58	71.68 1.04 -1.32	61.36 1.09 -2.98	52.68 0.50 -1.91	44.13 0.35 -0.37	38.05 0.15 0.00
ONTARIO___LFGE 23819	34.65 0.98 0.00	30.92 0.58 0.00	29.19 0.43 0.00	28.42 0.25 0.00	28.42 0.22 0.00	29.70 0.44 0.00	31.29 0.34 0.00	35.05 0.69 0.00	36.63 0.75 0.00	37.88 1.10 -0.18	41.53 1.60 0.00	45.67 1.97 0.00	50.59 2.68 0.00	59.22 3.19 -0.02	63.64 3.32 0.00	76.58 2.94 -0.13	102.83 3.51 -1.54	116.00 3.21 -2.27	97.23 4.48 -1.19	74.26 4.50 -0.44	62.46 4.18 -0.99	53.46 2.56 -0.64	45.44 1.91 -0.12	39.42 1.52 0.00
ORANGEVILLE_WT_PWR 323706	34.38 0.71 0.00	30.40 0.06 0.00	28.76 0.00 0.00	27.94 -0.23 0.00	27.86 -0.34 0.00	29.20 -0.06 0.00	30.49 -0.46 0.00	34.05 -0.31 0.00	36.02 0.14 0.00	37.26 0.66 0.00	41.41 1.48 0.00	45.63 1.92 0.00	50.78 2.87 0.00	59.38 3.36 0.00	63.64 3.32 0.00	75.35 1.84 0.00	99.53 1.76 0.00	110.52 0.00 0.00	94.67 3.11 0.00	73.34 4.02 0.00	61.47 4.18 0.00	52.07 1.81 0.00	44.97 1.56 0.00	39.53 1.63 0.00
ORANGEVILLE___ESR 323794	34.38 0.71 0.00	30.40 0.06 0.00	28.76 0.00 0.00	27.94 -0.23 0.00	27.86 -0.34 0.00	29.20 -0.06 0.00	30.49 -0.46 0.00	34.05 -0.31 0.00	36.02 0.14 0.00	37.26 0.66 0.00	41.41 1.48 0.00	45.63 1.92 0.00	50.78 2.87 0.00	59.38 3.36 0.00	63.64 3.32 0.00	75.35 1.84 0.00	99.53 1.76 0.00	110.52 0.00 0.00	94.67 3.11 0.00	73.34 4.02 0.00	61.47 4.18 0.00	52.07 1.81 0.00	44.97 1.56 0.00	39.53 1.63 0.00
OSWEGATCHIE___HYD 24044	33.13 -0.54 0.00	29.83 -0.52 0.00	28.27 -0.49 0.00	27.69 -0.48 0.00	27.66 -0.54 0.00	28.70 -0.56 0.00	30.55 -0.40 0.00	33.85 -0.51 0.00	35.27 -0.61 0.00	35.87 -0.91 -0.19	38.78 -1.16 0.00	42.44 -1.27 0.00	46.57 -1.34 0.00	54.52 -1.51 -0.02	58.70 -1.63 0.00	71.43 -2.20 -0.12	77.49 -3.32 16.96	97.22 -3.43 9.87	74.86 -2.66 14.04	68.10 -1.66 -0.44	57.32 -0.97 -1.00	49.95 -0.96 -0.64	42.45 -1.08 -0.13	37.26 -0.64 0.00
OSWEGO___5 23606	33.16 -0.50 0.00	29.83 -0.52 0.00	28.21 -0.55 0.00	27.61 -0.56 0.00	27.60 -0.59 0.00	28.70 -0.56 0.00	30.30 -0.65 0.00	33.75 -0.62 0.00	35.27 -0.61 0.00	38.41 -0.51 -2.33	39.46 -0.48 0.00	43.27 -0.44 0.00	47.57 -0.33 0.00	55.89 -0.33 -0.21	59.91 -0.42 0.00	74.29 -0.81 -1.59	116.16 -1.07 -19.46	137.69 -1.55 -28.72	105.80 -0.83 -15.07	74.52 -0.34 -5.54	69.70 -0.11 -12.52	57.85 -0.45 -8.04	44.54 -0.43 -1.57	37.48 -0.42 0.00
OSWEGO___6 23613	33.16 -0.50 0.00	29.83 -0.52 0.00	28.21 -0.55 0.00	27.61 -0.56 0.00	27.60 -0.59 0.00	28.70 -0.56 0.00	30.30 -0.65 0.00	33.75 -0.62 0.00	35.27 -0.61 0.00	38.41 -0.51 -2.33	39.46 -0.48 0.00	43.27 -0.44 0.00	47.57 -0.33 0.00	55.89 -0.33 -0.21	59.91 -0.42 0.00	74.29 -0.81 -1.59	116.16 -1.07 -19.46	137.69 -1.55 -28.72	105.80 -0.83 -15.07	74.52 -0.34 -5.54	69.70 -0.11 -12.52	57.85 -0.45 -8.04	44.54 -0.43 -1.57	37.48 -0.42 0.00

OUTOKUMPU-AB___DRP 24206	34.21 0.54 0.00	30.16 -0.18 0.00	28.42 -0.35 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.94 -0.32 0.00	30.02 -0.93 0.00	33.40 -0.96 0.00	35.55 -0.32 0.00	36.75 0.15 0.00	41.01 1.08 0.00	45.41 1.70 0.00	50.35 2.44 0.00	59.27 3.25 0.00	63.34 3.02 0.00	74.46 0.96 0.00	97.77 0.00 0.00	108.20 -2.32 0.00	93.38 1.83 0.00	72.37 3.05 0.00	61.36 4.07 0.00	51.27 1.01 0.00	44.67 1.26 0.00	39.49 1.59 0.00
OXBOW___BTM 323836	33.80 0.14 0.00	29.77 -0.58 0.00	28.19 -0.57 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.56 -0.70 0.00	29.62 -1.33 0.00	32.99 -1.38 0.00	35.05 -0.82 0.00	36.20 -0.40 0.00	40.49 0.56 0.00	44.71 1.01 0.00	49.77 1.87 0.00	58.20 2.18 0.00	62.31 1.99 0.00	73.21 -0.29 0.00	95.91 -1.86 0.00	105.99 -4.54 0.00	91.55 0.00 0.00	71.26 1.94 0.00	60.39 3.09 0.00	50.71 0.45 0.00	44.01 0.61 0.00	38.96 1.06 0.00
OXBOW___ 24026	33.77 0.10 0.00	29.77 -0.58 0.00	28.04 -0.72 0.00	27.35 -0.82 0.00	27.24 -0.96 0.00	28.56 -0.70 0.00	29.62 -1.33 0.00	32.85 -1.51 0.00	35.02 -0.86 0.00	36.16 -0.44 0.00	40.37 0.44 0.00	44.71 1.01 0.00	49.63 1.72 0.00	58.37 2.35 0.00	62.32 1.99 0.00	73.29 -0.22 0.00	95.82 -1.96 0.00	105.99 -4.53 0.00	91.55 0.00 0.00	71.05 1.73 0.00	60.50 3.21 0.00	50.56 0.30 0.00	43.97 0.56 0.00	38.92 1.02 0.00
OXY_CHEM_DSASP 323612	33.23 -0.44 0.00	29.31 -1.03 0.00	27.64 -1.12 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.27 -2.10 0.00	34.41 -1.47 0.00	35.50 -1.10 0.00	39.61 -0.32 0.00	43.84 0.13 0.00	48.67 0.77 0.00	57.19 1.18 0.00	60.99 0.66 0.00	71.67 -1.84 0.00	94.06 -3.72 0.00	104.22 -6.30 0.00	90.00 -1.56 0.00	70.01 0.69 0.00	59.30 2.01 0.00	49.61 -0.65 0.00	43.15 -0.26 0.00	38.28 0.38 0.00
OZONE_PARK_ESR 323760	36.40 2.73 0.00	32.71 2.37 0.00	30.97 2.21 0.00	30.25 2.08 0.00	30.34 2.14 0.00	31.37 2.11 0.00	33.34 2.38 0.00	37.18 2.82 0.00	38.96 3.09 0.00	40.33 3.73 0.00	43.81 3.87 0.00	47.81 4.11 0.00	52.27 4.36 0.00	61.23 5.21 0.00	65.64 5.31 0.00	81.01 7.50 0.00	108.23 10.07 -0.38	123.64 11.49 -1.62	109.03 8.33 -9.14	83.91 5.68 -8.90	67.23 3.90 -6.04	57.51 4.02 -3.23	47.01 3.60 0.00	41.01 3.11 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.23 -0.44 0.00	29.31 -1.03 0.00	27.64 -1.12 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.27 -2.10 0.00	34.41 -1.47 0.00	35.50 -1.10 0.00	39.61 -0.32 0.00	43.84 0.13 0.00	48.67 0.77 0.00	57.19 1.18 0.00	60.99 0.66 0.00	71.67 -1.84 0.00	94.06 -3.72 0.00	104.22 -6.30 0.00	90.00 -1.56 0.00	70.01 0.69 0.00	59.30 2.01 0.00	49.61 -0.65 0.00	43.15 -0.26 0.00	38.28 0.38 0.00
PACKARD__115KV_DUPONT_184 80571	33.23 -0.44 0.00	29.31 -1.03 0.00	27.64 -1.12 0.00	26.96 -1.21 0.00	26.84 -1.35 0.00	28.15 -1.11 0.00	29.16 -1.80 0.00	32.27 -2.10 0.00	34.41 -1.47 0.00	35.50 -1.10 0.00	39.61 -0.32 0.00	43.84 0.13 0.00	48.67 0.77 0.00	57.19 1.18 0.00	60.99 0.66 0.00	71.67 -1.84 0.00	94.06 -3.72 0.00	104.22 -6.30 0.00	90.00 -1.56 0.00	70.01 0.69 0.00	59.30 2.01 0.00	49.61 -0.65 0.00	43.15 -0.26 0.00	38.28 0.38 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.24 2.56 -0.01	32.60 2.25 -0.01	30.84 2.07 -0.01	30.12 1.94 -0.01	30.20 2.00 -0.01	31.23 1.96 -0.01	33.24 2.29 0.00	36.98 2.61 -0.01	38.53 2.65 0.00	39.78 3.18 0.00	43.25 3.31 0.00	47.16 3.45 0.00	51.36 3.45 0.00	60.21 4.20 0.01	64.36 4.04 0.01	79.40 5.88 -0.01	106.18 8.02 -0.39	121.44 9.28 -1.63	107.11 6.41 -9.15	82.53 4.30 -8.91	66.02 2.69 -6.03	56.56 3.07 -3.23	46.45 3.04 -0.01	40.79 2.88 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.67 3.00 -0.01	32.99 2.64 -0.01	31.24 2.47 -0.01	30.52 2.34 -0.01	30.60 2.40 -0.01	31.61 2.34 -0.01	33.61 2.66 0.00	37.40 3.02 -0.01	38.96 3.09 0.00	40.26 3.66 0.00	43.77 3.83 0.00	47.73 4.02 0.00	51.98 4.07 0.00	60.99 4.99 0.01	65.27 4.95 0.01	80.50 6.98 -0.01	107.65 9.48 -0.39	123.10 10.94 -1.63	108.58 7.87 -9.15	83.64 5.41 -8.91	66.93 3.61 -6.03	57.31 3.82 -3.23	47.10 3.69 -0.01	41.28 3.37 -0.01
PATROON__115KV_TB1 80586	34.65 0.98 0.00	31.22 0.88 0.00	29.62 0.86 0.00	29.02 0.85 0.00	29.04 0.85 0.00	30.05 0.79 0.00	31.82 0.87 0.00	35.33 0.96 0.00	36.81 0.93 0.00	37.73 1.13 0.00	41.09 1.16 0.00	45.02 1.31 0.00	49.06 1.15 0.00	57.47 1.46 0.00	62.32 1.99 0.00	76.30 2.79 0.00	101.59 3.81 0.00	116.74 4.75 -1.46	153.59 3.48 -58.56	129.65 2.43 -57.90	102.25 1.78 -43.18	76.08 1.71 -24.11	44.93 1.52 0.00	39.11 1.21 0.00
PATTRSNVILLE___SOLAR 323815	35.15 1.48 0.00	31.68 1.33 0.00	30.00 1.24 0.00	29.38 1.21 0.00	29.41 1.21 0.00	30.52 1.26 0.00	32.22 1.27 0.00	35.67 1.31 0.00	37.06 1.18 0.00	37.84 1.25 0.00	41.21 1.28 0.00	45.15 1.44 0.00	49.44 1.53 0.00	57.86 1.85 0.00	63.46 3.13 0.00	77.55 4.04 -0.01	104.03 5.57 -0.68	123.02 7.29 -5.21	193.02 6.41 -95.06	169.26 4.44 -95.50	130.59 3.61 -69.69	92.06 3.17 -38.63	45.88 2.47 0.00	39.87 1.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.44 0.77 0.00	30.40 0.06 0.00	28.65 -0.12 0.00	27.92 -0.25 0.00	27.80 -0.39 0.00	29.17 -0.09 0.00	30.46 -0.50 0.00	33.95 -0.41 0.00	36.09 0.22 0.00	37.40 0.81 0.00	41.65 1.72 0.00	46.06 2.36 0.00	51.26 3.35 0.00	60.44 4.43 0.00	64.67 4.34 0.00	76.45 2.94 0.00	100.71 2.93 0.00	111.52 0.99 0.00	95.86 4.30 0.00	73.97 4.64 0.00	62.34 5.04 0.00	52.07 1.81 0.00	45.10 1.69 0.00	39.76 1.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.16 2.49 0.00	32.53 2.18 0.00	30.80 2.04 0.00	30.09 1.92 0.00	30.20 2.00 0.00	31.22 1.96 0.00	33.12 2.17 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.82 3.22 0.00	43.37 3.43 0.00	47.42 3.71 0.00	51.93 4.02 0.00	60.95 4.93 0.00	65.70 5.37 0.00	80.93 7.42 0.00	108.48 10.36 -0.35	123.79 11.83 -1.44	109.65 8.88 -9.22	84.57 6.24 -9.00	68.04 4.53 -6.22	57.69 4.07 -3.35	46.92 3.52 0.00	40.82 2.92 0.00
PEEKSKILL___ 23653	35.62 1.95 0.00	32.10 1.76 0.00	30.37 1.61 0.00	29.75 1.58 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.72 1.76 0.00	36.36 1.99 0.00	38.03 2.15 0.00	39.31 2.71 0.00	42.77 2.84 0.00	46.68 2.97 0.00	51.07 3.16 0.00	59.88 3.86 0.00	64.25 3.92 0.00	79.17 5.66 0.00	105.87 7.72 -0.37	120.95 8.85 -1.58	106.86 6.31 -8.99	82.31 4.23 -8.76	66.17 2.92 -5.95	56.31 2.86 -3.18	45.97 2.56 0.00	40.10 2.20 0.00
PGE MADISON___WINDPWR 24146	36.87 3.20 0.00	33.01 2.67 0.00	31.18 2.42 0.00	30.48 2.31 0.00	30.42 2.23 0.00	31.84 2.58 0.00	33.83 2.88 0.00	37.70 3.33 0.00	39.14 3.26 0.00	40.26 3.44 -0.22	43.65 3.71 0.00	47.99 4.29 0.00	53.13 5.22 0.00	62.53 6.49 -0.02	67.26 6.93 0.00	81.89 8.23 -0.15	110.37 10.76 -1.84	125.72 12.49 -2.71	109.50 11.90 -6.05	84.79 10.05 -5.42	71.02 8.77 -4.96	59.99 6.83 -2.89	48.76 5.21 -0.15	41.96 4.06 0.00

PIERCEFIELD___HYD 23852	32.63 -1.04 0.00	29.43 -0.91 0.00	27.96 -0.81 0.00	27.38 -0.79 0.00	27.32 -0.87 0.00	28.27 -0.99 0.00	30.12 -0.84 0.00	33.33 -1.03 0.00	34.80 -1.08 0.00	35.05 -1.65 -0.10	37.94 -2.00 0.00	41.48 -2.23 0.00	45.51 -2.40 0.00	52.94 -3.08 -0.01	56.89 -3.44 0.00	69.01 -4.56 -0.06	63.92 -6.75 27.11	85.96 -7.41 17.16	62.78 -6.41 22.37	64.76 -4.78 -0.22	54.26 -3.55 -0.51	47.78 -2.81 -0.33	40.95 -2.52 -0.06	36.46 -1.44 0.00
PINELAWN_CC_1 323563	43.84 2.93 -7.24	40.96 2.64 -7.98	35.95 2.44 -4.74	33.19 2.37 -2.65	30.59 2.40 0.00	32.86 2.43 -1.17	33.49 2.54 0.00	37.35 2.99 0.00	42.08 3.34 -2.87	43.63 3.88 -3.15	48.02 4.23 -3.85	49.22 3.98 -1.54	60.23 4.26 -8.06	73.65 4.71 -12.92	76.95 4.65 -11.98	118.75 6.54 -38.70	127.47 9.48 -20.22	137.85 10.94 -16.38	127.98 7.59 -28.83	83.07 4.85 -8.90	67.23 3.90 -6.04	61.75 3.82 -7.67	49.25 3.56 -2.28	48.36 3.41 -7.05
PJM_GEN_HTTP_PROXY 323702	35.93 2.26 0.00	32.35 2.00 0.00	30.60 1.84 0.00	29.92 1.75 0.00	30.03 1.83 0.00	31.05 1.79 0.00	32.99 2.04 0.00	36.73 2.37 0.00	38.49 2.62 0.00	39.82 3.22 0.00	43.25 3.31 0.00	47.24 3.54 0.00	51.65 3.74 0.00	58.30 4.48 2.20	66.99 4.46 -2.20	79.90 6.39 0.00	106.85 8.70 -0.38	122.10 9.95 -1.62	107.65 6.95 -9.14	82.80 4.57 -8.90	66.66 3.03 -6.33	56.36 3.17 -2.93	46.36 2.95 0.00	40.40 2.50 0.00
PJM_GEN_KEystone 24065	34.58 0.91 0.00	30.95 0.61 0.00	29.28 0.52 0.00	28.40 0.39 0.16	28.53 0.37 0.03	29.73 0.47 0.00	31.35 0.40 0.00	34.88 0.52 0.00	36.55 0.79 0.12	38.07 1.35 -0.12	41.53 1.76 0.16	45.35 1.97 0.32	49.79 2.44 0.56	55.72 2.97 3.26	64.13 2.96 -0.85	75.38 3.16 1.29	100.43 4.01 1.35	113.00 3.64 1.17	98.35 3.76 -3.04	75.63 3.26 -3.05	62.08 2.58 -2.21	52.60 1.61 -0.73	44.50 1.43 0.34	39.23 1.33 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.99 2.43 -3.90	36.85 2.21 -4.29	33.35 2.04 -2.55	31.57 1.97 -1.43	30.20 2.00 0.00	31.91 2.02 -0.63	33.09 2.13 0.00	36.87 2.51 0.00	40.18 2.76 -1.54	41.62 3.33 -1.69	45.52 3.52 -2.07	48.20 3.67 -0.83	54.44 3.93 -2.60	58.42 4.59 2.20	67.10 4.58 -2.20	79.83 6.32 0.00	107.15 8.99 -0.38	122.43 10.28 -1.62	107.84 7.15 -9.14	82.87 4.65 -8.90	67.29 3.67 -6.33	59.20 3.62 -5.32	47.84 3.21 -1.22	44.45 2.77 -3.79
PJM_GEN_VFT_PROXY 323633	35.79 2.12 0.00	32.19 1.85 0.00	30.46 1.70 0.00	29.77 1.60 0.00	29.86 1.66 0.00	30.87 1.61 0.00	32.84 1.89 0.00	36.60 2.23 0.00	38.35 2.47 0.00	39.67 3.07 2.28	40.73 3.08 4.61	42.33 3.23 7.96	43.35 3.40 17.43	42.67 4.09 17.06	47.25 3.98 18.37	60.95 5.81 21.74	83.95 7.92 20.53	99.06 9.06 13.14	84.64 6.23 13.49	59.85 4.02 13.49	42.76 2.58 17.12	41.98 2.81 11.09	41.26 2.65 4.80	40.17 2.27 0.01
PLATSBURG_115KV_PMLD1 355749	33.40 -0.27 0.00	30.10 -0.24 0.00	28.65 -0.12 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.64 0.38 0.00	31.73 0.77 0.00	34.47 0.10 0.00	36.20 0.32 0.00	36.42 -0.18 0.00	39.77 -0.16 0.00	43.44 -0.26 0.00	47.67 -0.24 0.00	52.99 -3.02 0.00	56.28 -4.04 0.00	67.91 -5.59 0.01	56.42 -6.75 34.61	80.48 -7.29 22.75	56.58 -6.41 28.56	64.32 -4.99 0.01	53.91 -3.38 0.00	48.90 -1.36 0.00	43.23 -0.17 0.00	37.90 0.00 0.00
PLEASANTVLY___LBMP 24000	35.45 1.78 0.00	31.95 1.61 0.00	30.28 1.52 0.00	29.63 1.46 0.00	29.72 1.52 0.00	30.75 1.49 0.00	32.59 1.64 0.00	36.19 1.82 0.00	37.81 1.94 0.00	38.98 2.38 0.00	42.37 2.44 0.00	46.28 2.58 0.00	50.59 2.68 0.00	59.27 3.25 0.00	63.83 3.50 0.00	78.51 5.00 0.00	104.97 6.75 -0.45	120.29 7.85 -1.91	107.12 5.58 -9.98	82.83 3.81 -9.69	66.40 2.64 -6.47	56.37 2.66 -3.44	45.79 2.39 0.00	39.95 2.05 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.79 2.12 0.00	32.22 1.88 0.00	30.54 1.78 0.00	29.86 1.69 0.00	29.91 1.72 0.00	30.99 1.73 0.00	32.87 1.92 0.00	36.56 2.20 0.00	38.28 2.40 0.00	39.53 2.93 0.00	43.01 3.07 0.00	46.94 3.23 0.00	51.31 3.40 0.00	60.11 4.09 0.00	64.61 4.28 0.00	79.61 6.10 0.00	106.47 8.31 -0.39	121.67 9.51 -1.64	107.74 6.96 -9.23	83.02 4.71 -8.99	66.65 3.27 -6.09	56.78 3.27 -3.25	46.27 2.86 0.00	40.36 2.46 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	35.79 2.12 0.00	32.22 1.88 0.00	30.54 1.78 0.00	29.86 1.69 0.00	29.91 1.72 0.00	30.99 1.73 0.00	32.87 1.92 0.00	36.56 2.20 0.00	38.28 2.40 0.00	39.53 2.93 0.00	43.01 3.07 0.00	46.94 3.23 0.00	51.31 3.40 0.00	60.11 4.09 0.00	64.61 4.28 0.00	79.61 6.10 0.00	106.47 8.31 -0.39	121.67 9.51 -1.64	107.74 6.96 -9.23	83.02 4.71 -8.99	66.65 3.27 -6.09	56.78 3.27 -3.25	46.27 2.86 0.00	40.36 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.76 2.09 0.00	32.19 1.85 0.00	30.51 1.75 0.00	29.86 1.69 0.00	29.94 1.75 0.00	30.96 1.70 0.00	32.78 1.83 0.00	36.39 2.03 0.00	38.07 2.19 0.00	39.23 2.64 0.00	42.73 2.80 0.00	46.68 2.97 0.00	51.02 3.11 0.00	59.88 3.87 0.00	64.55 4.22 0.00	79.61 6.10 0.00	106.45 8.31 -0.36	121.85 9.62 -1.71	109.13 7.14 -10.44	84.48 4.99 -10.16	67.65 3.49 -6.86	57.21 3.27 -3.68	46.27 2.86 0.00	40.29 2.39 0.00
POLETTI_____ 23519	35.96 2.29 0.00	32.35 2.00 0.00	30.63 1.87 0.00	29.92 1.75 0.00	30.00 1.80 0.00	31.02 1.76 0.00	32.96 2.01 0.00	36.74 2.37 0.00	38.46 2.58 0.00	39.78 3.18 0.00	43.21 3.27 0.00	47.16 3.45 0.00	51.50 3.59 0.00	60.33 4.31 0.00	64.61 4.28 0.00	79.76 6.25 0.00	106.56 8.41 -0.38	121.76 9.62 -1.62	107.47 6.77 -9.14	82.66 4.44 -8.90	66.25 2.92 -6.04	56.70 3.22 -3.23	46.32 2.91 0.00	40.44 2.54 0.00
POMONA___ESR 323819	35.45 1.78 0.00	31.98 1.64 0.00	30.28 1.52 0.00	29.66 1.49 0.00	29.72 1.52 0.00	30.75 1.49 0.00	32.59 1.64 0.00	36.15 1.79 0.00	37.81 1.94 0.00	39.09 2.49 0.00	42.57 2.64 0.00	46.46 2.76 0.00	50.83 2.92 0.00	59.61 3.59 0.00	64.01 3.68 0.00	78.95 5.44 0.00	105.54 7.43 -0.34	120.48 8.51 -1.44	106.07 5.95 -8.57	81.63 3.95 -8.36	65.66 2.64 -5.72	55.94 2.61 -3.07	45.75 2.34 0.00	39.87 1.97 0.00
PORT_JEFF_3 23555	43.74 2.83 -7.24	40.84 2.52 -7.98	35.89 2.39 -4.74	33.13 2.31 -2.65	30.56 2.37 0.00	32.83 2.40 -1.17	33.40 2.44 0.00	37.25 2.89 0.00	41.79 3.05 -2.87	43.37 3.62 -3.15	47.82 4.03 -3.85	49.35 4.11 -1.54	58.89 4.55 -6.43	67.52 5.15 -6.36	71.23 5.00 -5.90	99.39 6.84 -19.04	117.70 9.78 -10.15	137.12 10.84 -15.76	118.17 7.78 -18.84	83.36 5.13 -8.91	67.40 4.07 -6.04	62.05 4.12 -7.67	49.46 3.77 -2.28	48.32 3.37 -7.05
PORT_JEFF_4 23616	43.74 2.83 -7.24	40.84 2.52 -7.98	35.89 2.39 -4.74	33.13 2.31 -2.65	30.56 2.37 0.00	32.83 2.40 -1.17	33.40 2.44 0.00	37.25 2.89 0.00	41.79 3.05 -2.87	43.37 3.62 -3.15	47.82 4.03 -3.85	49.35 4.11 -1.54	58.89 4.55 -6.43	67.52 5.15 -6.36	71.23 5.00 -5.90	99.39 6.84 -19.04	117.70 9.78 -10.15	137.12 10.84 -15.76	118.17 7.78 -18.84	83.36 5.13 -8.91	67.40 4.07 -6.04	62.05 4.12 -7.67	49.46 3.77 -2.28	48.32 3.37 -7.05

PORT_JEFF_IC 23713	43.81 2.90 -7.24	40.90 2.58 -7.98	35.98 2.47 -4.74	33.19 2.37 -2.65	30.59 2.40 0.00	32.89 2.46 -1.17	33.43 2.48 0.00	37.32 2.96 0.00	41.90 3.16 -2.87	43.48 3.73 -3.15	47.98 4.19 -3.85	49.66 4.41 -1.54	59.14 4.74 -6.49	67.60 4.99 -6.60	71.76 5.31 -6.13	100.25 6.98 -19.76	118.27 9.97 -10.53	142.76 11.27 -20.97	118.82 8.06 -19.21	83.57 5.34 -8.91	67.46 4.13 -6.04	62.40 4.47 -7.67	49.59 3.91 -2.28	48.47 3.52 -7.05
PPL PILGRIM_ST_GT1 24216	44.05 3.13 -7.24	41.14 2.82 -7.98	36.15 2.64 -4.74	33.38 2.56 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.68 2.72 0.00	37.56 3.20 0.00	42.30 3.55 -2.87	43.89 4.13 -3.15	48.34 4.55 -3.85	49.90 4.63 -1.57	59.49 4.89 -6.69	68.96 5.49 -7.45	72.45 5.25 -6.88	102.95 7.21 -22.23	120.02 10.47 -11.78	132.56 11.94 -10.10	120.42 8.42 -20.45	83.77 5.55 -8.90	68.23 4.87 -6.07	62.58 4.62 -7.70	49.93 4.21 -2.31	48.62 3.68 -7.05
PPL PILGRIM_ST_GT2 24217	44.05 3.13 -7.24	41.14 2.82 -7.98	36.15 2.64 -4.74	33.38 2.56 -2.65	30.79 2.59 0.00	33.07 2.63 -1.17	33.68 2.72 0.00	37.56 3.20 0.00	42.30 3.55 -2.87	43.89 4.13 -3.15	48.34 4.55 -3.85	49.90 4.63 -1.57	59.49 4.89 -6.69	68.96 5.49 -7.45	72.45 5.25 -6.88	102.95 7.21 -22.23	120.02 10.47 -11.78	132.56 11.94 -10.10	120.42 8.42 -20.45	83.77 5.55 -8.90	68.23 4.87 -6.07	62.58 4.62 -7.70	49.93 4.21 -2.31	48.62 3.68 -7.05
PPL_SHRM_GT3 24213	43.51 2.59 -7.24	40.60 2.28 -7.98	35.69 2.18 -4.74	32.96 2.14 -2.65	30.37 2.17 0.00	32.63 2.20 -1.17	33.15 2.20 0.00	37.01 2.65 0.00	41.72 2.98 -2.87	43.37 3.62 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.15 4.79 -6.46	68.08 5.60 -6.46	71.94 5.61 -6.00	100.14 7.28 -19.35	118.65 10.56 -10.31	139.41 12.05 -16.84	119.15 8.60 -19.00	83.92 5.69 -8.91	68.09 4.75 -6.04	62.50 4.57 -7.67	49.55 3.86 -2.28	48.28 3.34 -7.05
PPL_SHRM_GT4 24214	43.51 2.59 -7.24	40.60 2.28 -7.98	35.69 2.18 -4.74	32.96 2.14 -2.65	30.37 2.17 0.00	32.63 2.20 -1.17	33.15 2.20 0.00	37.01 2.65 0.00	41.72 2.98 -2.87	43.37 3.62 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.15 4.79 -6.46	68.08 5.60 -6.46	71.94 5.61 -6.00	100.14 7.28 -19.35	118.65 10.56 -10.31	139.41 12.05 -16.84	119.15 8.60 -19.00	83.92 5.69 -8.91	68.09 4.75 -6.04	62.50 4.57 -7.67	49.55 3.86 -2.28	48.28 3.34 -7.05
PROJECT___ORANGE 1 24174	33.70 0.03 0.00	30.31 -0.03 0.00	28.65 -0.12 0.00	28.03 -0.14 0.00	28.02 -0.17 0.00	29.14 -0.12 0.00	30.80 -0.15 0.00	34.30 -0.07 0.00	35.88 0.00 0.00	37.12 0.22 -0.30	40.33 0.40 0.00	44.23 0.52 0.00	48.67 0.77 0.00	57.05 1.01 -0.03	61.41 1.09 0.00	74.67 0.96 -0.20	101.45 1.17 -2.51	115.11 0.88 -3.70	94.78 1.28 -1.94	71.28 1.25 -0.71	60.17 1.26 -1.61	51.90 0.60 -1.04	44.04 0.43 -0.20	38.13 0.23 0.00
PROJECT___ORANGE 2 24166	33.70 0.03 0.00	30.31 -0.03 0.00	28.65 -0.12 0.00	28.03 -0.14 0.00	28.02 -0.17 0.00	29.14 -0.12 0.00	30.80 -0.15 0.00	34.30 -0.07 0.00	35.88 0.00 0.00	37.12 0.22 -0.30	40.33 0.40 0.00	44.23 0.52 0.00	48.67 0.77 0.00	57.05 1.01 -0.03	61.41 1.09 0.00	74.67 0.96 -0.20	101.45 1.17 -2.51	115.11 0.88 -3.70	94.78 1.28 -1.94	71.28 1.25 -0.71	60.17 1.26 -1.61	51.90 0.60 -1.04	44.04 0.43 -0.20	38.13 0.23 0.00
PUCKETT___SOLAR 323809	34.92 1.25 0.00	31.31 0.97 0.00	29.62 0.86 0.00	28.93 0.76 0.00	28.93 0.73 0.00	30.17 0.91 0.00	31.88 0.93 0.00	35.46 1.10 0.00	36.99 1.11 0.00	38.16 1.35 -0.20	41.49 1.56 0.00	45.45 1.75 0.00	50.16 2.25 0.00	58.83 2.80 -0.02	63.28 2.96 0.00	76.80 3.16 -0.14	103.66 4.20 -1.68	117.65 4.64 -2.48	101.77 5.03 -5.18	78.32 4.44 -4.55	65.42 3.90 -4.22	55.49 2.76 -2.47	45.71 2.17 -0.14	39.61 1.71 0.00
PYRITES___HYD 24023	33.23 -0.44 0.00	29.95 -0.39 0.00	28.44 -0.32 0.00	27.89 -0.28 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.80 -0.15 0.00	34.09 -0.27 0.00	35.52 -0.36 0.00	35.74 -0.95 -0.09	38.66 -1.28 0.00	42.26 -1.44 0.00	46.47 -1.44 0.00	54.12 -1.90 -0.01	58.21 -2.11 0.00	70.55 -3.01 -0.05	64.92 -4.89 27.96	87.33 -5.42 17.77	63.91 -4.58 23.06	66.34 -3.19 -0.20	55.65 -2.12 -0.47	48.96 -1.61 -0.30	41.86 -1.61 -0.06	37.14 -0.76 0.00
QUAKERRD_115KV_BK1 80622	33.43 -0.24 0.00	29.80 -0.55 0.00	28.10 -0.66 0.00	27.44 -0.73 0.00	27.38 -0.82 0.00	28.59 -0.67 0.00	30.02 -0.93 0.00	33.51 -0.86 0.00	35.30 -0.57 0.00	36.23 -0.37 0.00	40.05 0.12 0.00	44.14 0.44 0.00	48.91 1.01 0.00	57.36 1.34 0.00	61.53 1.21 0.00	73.65 0.15 0.00	97.58 -0.20 0.00	109.42 -1.11 0.00	92.47 0.92 0.00	70.99 1.66 0.00	59.30 2.01 0.00	50.71 0.45 0.00	43.71 0.30 0.00	38.20 0.30 0.00
QUENSBRY_115KV_TB8 356137	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.00 1.80 0.00	31.10 1.84 0.00	32.93 1.98 0.00	36.70 2.34 0.00	38.32 2.44 0.00	39.23 2.64 0.00	42.41 2.48 0.00	46.72 3.02 0.00	51.26 3.35 0.00	59.77 3.75 0.00	65.15 4.83 0.00	79.91 6.40 -0.01	108.29 8.80 -1.71	133.98 11.38 -12.07	200.20 10.07 -98.58	173.09 7.63 -96.15	129.23 6.53 -65.40	91.20 5.58 -35.36	47.53 4.12 0.00	41.05 3.15 0.00
RAMAPO___LBMP 323565	35.35 1.68 0.00	31.89 1.55 0.00	30.23 1.47 0.00	29.55 1.38 0.00	29.63 1.44 0.00	30.67 1.40 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.71 1.83 0.00	38.98 2.38 0.00	42.41 2.48 0.00	46.28 2.58 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.76 3.44 0.00	78.58 5.07 0.00	105.06 6.94 -0.34	119.91 7.96 -1.43	105.65 5.58 -8.52	81.30 3.67 -8.31	65.45 2.46 -5.69	55.82 2.51 -3.05	45.62 2.21 0.00	39.83 1.93 0.00
RANKINE____ 23646	34.48 0.81 0.00	30.40 0.06 0.00	28.65 -0.12 0.00	27.94 -0.23 0.00	27.83 -0.37 0.00	29.20 -0.06 0.00	30.36 -0.59 0.00	33.81 -0.55 0.00	35.98 0.11 0.00	37.22 0.62 0.00	41.49 1.56 0.00	45.89 2.19 0.00	51.02 3.11 0.00	60.11 4.09 0.00	64.25 3.92 0.00	75.79 2.28 0.00	99.83 2.05 0.00	110.52 0.00 0.00	95.12 3.57 0.00	73.62 4.30 0.00	62.16 4.87 0.00	51.97 1.71 0.00	45.10 1.69 0.00	39.80 1.90 0.00
RAVENSWOOD_GT2_1 24244	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.55 3.64 0.00	60.39 4.37 0.00	64.61 4.28 0.00	79.68 6.17 0.00	106.56 8.41 -0.38	121.76 9.62 -1.62	107.47 6.77 -9.14	82.73 4.51 -8.90	66.31 2.98 -6.04	56.75 3.27 -3.23	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT2_2 24245	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.55 3.64 0.00	60.39 4.37 0.00	64.61 4.28 0.00	79.68 6.17 0.00	106.56 8.41 -0.38	121.76 9.62 -1.62	107.47 6.77 -9.14	82.73 4.51 -8.90	66.31 2.98 -6.04	56.75 3.27 -3.23	46.40 3.00 0.00	40.55 2.65 0.00

RAVENSWOOD_GT2_3 24246	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.06 2.10 0.00	36.84 2.47 0.00	38.57 2.69 0.00	39.86 3.26 0.00	43.29 3.35 0.00	47.24 3.54 0.00	51.60 3.69 0.00	60.44 4.43 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.56 6.87 -9.14	82.80 4.58 -8.90	66.37 3.04 -6.04	56.80 3.32 -3.23	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT2_4 24247	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.06 2.10 0.00	36.84 2.47 0.00	38.57 2.69 0.00	39.86 3.26 0.00	43.29 3.35 0.00	47.24 3.54 0.00	51.60 3.69 0.00	60.44 4.43 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.56 6.87 -9.14	82.80 4.58 -8.90	66.37 3.04 -6.04	56.80 3.32 -3.23	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT3_1 24248	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.55 3.64 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.68 6.17 0.00	106.56 8.41 -0.38	121.76 9.62 -1.62	107.47 6.77 -9.14	82.73 4.51 -8.90	66.31 2.98 -6.04	56.75 3.27 -3.23	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT3_2 24249	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.55 3.64 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.68 6.17 0.00	106.56 8.41 -0.38	121.76 9.62 -1.62	107.47 6.77 -9.14	82.73 4.51 -8.90	66.31 2.98 -6.04	56.75 3.27 -3.23	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT3_3 24250	36.06 2.39 0.00	32.44 2.09 0.00	30.72 1.96 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.87 2.51 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.33 3.63 0.00	51.69 3.78 0.00	60.50 4.48 0.00	64.79 4.46 0.00	79.90 6.40 0.00	106.86 8.70 -0.38	122.09 9.95 -1.62	107.75 7.05 -9.14	82.87 4.64 -8.90	66.42 3.09 -6.04	56.85 3.37 -3.23	46.49 3.08 0.00	40.63 2.73 0.00
RAVENSWOOD_GT3_4 24251	36.06 2.39 0.00	32.44 2.09 0.00	30.72 1.96 0.00	30.03 1.86 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.09 2.14 0.00	36.87 2.51 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.33 3.63 0.00	51.69 3.78 0.00	60.50 4.48 0.00	64.79 4.46 0.00	79.90 6.40 0.00	106.86 8.70 -0.38	122.09 9.95 -1.62	107.75 7.05 -9.14	82.87 4.64 -8.90	66.42 3.09 -6.04	56.85 3.37 -3.23	46.49 3.08 0.00	40.63 2.73 0.00
RAVENSWOOD_GT_1 23729	36.16 2.49 0.00	32.50 2.15 0.00	30.77 2.01 0.00	30.06 1.89 0.00	30.14 1.95 0.00	31.19 1.93 0.00	33.18 2.23 0.00	36.99 2.61 -0.01	38.68 2.80 0.00	39.97 3.37 0.00	43.37 3.43 0.00	47.29 3.58 0.00	51.55 3.64 0.00	58.70 4.26 1.57	63.35 4.10 1.07	79.53 6.03 0.00	106.27 8.12 -0.38	121.54 9.39 -1.62	107.19 6.50 -9.14	77.58 4.23 -4.03	58.86 2.75 1.18	54.59 3.12 -1.21	46.40 3.00 0.00	40.70 2.80 0.00
RAVENSWOOD_GT_10 24258	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.47 6.77 -9.14	82.25 4.51 -8.42	65.65 2.98 -5.38	56.75 3.27 -3.22	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT_11 24259	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.47 6.77 -9.14	82.25 4.51 -8.42	65.65 2.98 -5.38	56.75 3.27 -3.22	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT_4 24252	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.06 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.01	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	59.25 4.43 1.20	63.91 4.40 0.82	79.83 6.32 0.00	106.76 8.60 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	79.09 4.58 -5.19	60.87 3.04 -0.54	55.27 3.32 -1.69	46.40 3.00 0.00	40.52 2.62 0.00
RAVENSWOOD_GT_5 24254	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.06 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.01	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	59.25 4.43 1.20	63.91 4.40 0.82	79.83 6.32 0.00	106.76 8.60 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	79.09 4.58 -5.19	60.87 3.04 -0.54	55.27 3.32 -1.69	46.40 3.00 0.00	40.52 2.62 0.00
RAVENSWOOD_GT_6 24253	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.06 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.01	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	59.25 4.43 1.20	63.91 4.40 0.82	79.83 6.32 0.00	106.76 8.60 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	79.09 4.58 -5.19	60.87 3.04 -0.54	55.27 3.32 -1.69	46.40 3.00 0.00	40.52 2.62 0.00
RAVENSWOOD_GT_7 24255	35.99 2.32 0.00	32.38 2.03 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.06 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.01	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	59.25 4.43 1.20	63.91 4.40 0.82	79.83 6.32 0.00	106.76 8.60 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	79.09 4.58 -5.19	60.87 3.04 -0.54	55.27 3.32 -1.69	46.40 3.00 0.00	40.52 2.62 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.47 6.77 -9.14	82.25 4.51 -8.42	65.65 2.98 -5.38	56.75 3.27 -3.22	46.40 3.00 0.00	40.55 2.65 0.00
RAVENSWOOD_GT_9 24257	35.99 2.32 0.00	32.41 2.06 0.00	30.66 1.90 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.25 3.31 0.00	47.20 3.50 0.00	51.60 3.69 0.00	60.39 4.37 0.00	64.67 4.34 0.00	79.76 6.25 0.00	106.66 8.51 -0.38	121.87 9.73 -1.62	107.47 6.77 -9.14	82.25 4.51 -8.42	65.65 2.98 -5.38	56.75 3.27 -3.22	46.40 3.00 0.00	40.55 2.65 0.00

RAVENSWOOD___1 23533	36.09 2.43 0.00	32.47 2.12 0.00	30.72 1.96 0.00	30.03 1.86 0.00	30.14 1.94 0.00	31.16 1.90 0.00	33.15 2.20 0.00	36.95 2.58 -0.01	38.64 2.76 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.24 3.54 0.00	51.55 3.64 0.00	56.66 4.31 3.67	61.94 4.10 2.49	79.45 5.95 0.01	106.17 8.02 -0.38	121.43 9.29 -1.62	107.10 6.41 -9.14	75.95 4.16 -2.47	55.99 2.75 4.05	51.77 2.96 1.46	46.36 2.95 0.00	40.59 2.69 0.00
RAVENSWOOD___2 23534	36.03 2.36 0.00	32.41 2.06 0.00	30.63 1.87 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.09 2.13 0.00	36.88 2.51 -0.01	38.57 2.69 0.00	39.82 3.22 0.00	43.25 3.31 0.00	47.16 3.45 0.00	51.17 3.26 0.00	56.10 3.81 3.73	61.29 3.50 2.53	78.80 5.30 0.01	105.28 7.13 -0.38	120.43 8.29 -1.62	106.27 5.59 -9.14	75.28 3.53 -2.42	55.39 2.23 4.13	51.34 2.61 1.53	46.27 2.86 0.00	40.51 2.61 0.00
RAVENSWOOD___3 23535	35.99 2.32 0.00	32.41 2.06 0.00	30.63 1.87 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.08 1.81 0.00	33.03 2.07 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.86 3.26 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.60 3.69 0.00	60.50 4.48 0.00	64.67 4.35 0.00	79.75 6.24 0.00	106.57 8.41 -0.38	121.76 9.61 -1.62	107.47 6.77 -9.14	82.67 4.44 -8.90	66.31 2.98 -6.04	56.66 3.17 -3.23	46.36 2.95 0.00	40.48 2.58 0.00
RAVENSWOOD___4 23820	36.06 2.39 0.00	32.47 2.12 0.00	30.69 1.93 0.00	30.00 1.83 0.00	30.11 1.92 0.00	31.14 1.87 0.00	33.12 2.17 0.00	36.91 2.54 -0.01	38.60 2.73 0.00	39.89 3.30 0.00	43.33 3.39 0.00	47.24 3.54 0.00	51.50 3.59 0.00	54.47 4.26 5.80	60.44 4.04 3.93	79.38 5.88 0.01	106.17 8.02 -0.38	121.31 9.17 -1.61	107.00 6.31 -9.14	74.29 4.09 -0.88	53.02 2.69 6.96	49.06 2.96 4.17	46.36 2.95 0.00	40.59 2.69 0.00
RCPL_TRUST___DRP 24196	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.06 2.10 0.00	36.87 2.51 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.61 4.59 0.00	64.97 4.65 0.00	80.12 6.62 0.00	107.15 9.00 -0.38	122.43 10.28 -1.62	107.93 7.23 -9.14	83.01 4.78 -8.90	66.48 3.15 -6.04	56.90 3.42 -3.23	46.49 3.08 0.00	40.55 2.65 0.00
RED___ROCHESTER 323720	34.61 0.94 0.00	30.77 0.42 0.00	29.02 0.26 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.21 0.00	30.89 -0.06 0.00	34.57 0.21 0.00	36.49 0.61 0.00	37.48 0.88 0.00	41.61 1.68 0.00	45.85 2.14 0.00	51.07 3.16 0.00	59.55 3.53 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.52 1.99 0.00	95.40 3.84 0.00	73.62 4.30 0.00	61.47 4.18 0.00	52.57 2.31 0.00	45.19 1.78 0.00	39.53 1.63 0.00
REGAN___SOLAR 323812	38.25 4.58 0.00	34.35 4.01 0.00	32.36 3.59 0.00	31.63 3.46 0.00	31.66 3.47 0.00	32.98 3.72 0.00	34.92 3.96 0.00	38.76 4.40 0.00	40.33 4.45 0.00	41.10 4.50 0.00	44.97 5.03 0.00	49.65 5.94 0.00	54.71 6.80 0.00	63.97 7.95 0.00	71.06 10.74 0.00	86.60 13.08 0.00	116.06 17.70 -0.58	138.51 23.66 -4.33	191.55 21.06 -78.94	169.09 14.07 -85.70	131.18 11.35 -62.54	94.48 9.55 -34.67	50.48 7.08 0.00	43.51 5.61 0.00
RENSSELAER___COGEN 23796	34.41 0.74 0.00	31.04 0.70 0.00	29.45 0.69 0.00	28.87 0.70 0.00	28.90 0.71 0.00	29.90 0.64 0.00	31.63 0.68 0.00	35.05 0.69 0.00	36.52 0.65 0.00	37.40 0.80 0.00	40.73 0.80 0.00	44.58 0.87 0.00	48.53 0.62 0.00	56.86 0.84 0.00	61.53 1.21 0.00	75.38 1.91 0.04	94.11 2.64 6.30	76.37 3.31 37.46	90.03 2.38 3.90	72.41 1.52 -1.56	84.75 1.03 -26.42	70.76 1.10 -19.39	44.53 1.13 0.00	38.81 0.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.98 4.31 0.00	34.17 3.82 0.00	32.24 3.48 0.00	31.49 3.32 0.00	31.49 3.30 0.00	32.71 3.45 0.00	34.73 3.78 0.00	38.80 4.43 0.00	40.54 4.66 0.00	41.47 4.87 0.00	44.97 5.03 0.00	49.78 6.07 0.00	54.61 6.71 0.00	63.80 7.79 0.00	69.86 9.53 0.00	85.65 12.13 -0.01	116.05 16.52 -1.75	143.51 20.67 -12.32	207.67 17.58 -98.54	178.91 13.52 -96.07	133.92 11.46 -65.17	95.30 9.85 -35.19	50.74 7.34 0.00	43.62 5.72 0.00
REVERE_CPPR_DRP 24186	35.15 1.48 0.00	31.56 1.21 0.00	29.85 1.09 0.00	29.21 1.04 0.00	29.21 1.01 0.00	30.43 1.17 0.00	32.25 1.30 0.00	35.88 1.51 0.00	37.38 1.51 0.00	38.33 1.57 -0.15	41.69 1.76 0.00	45.76 2.05 0.00	50.40 2.49 0.00	59.28 3.25 -0.01	63.83 3.50 0.00	77.73 4.12 -0.10	103.63 5.57 -0.29	118.06 6.30 -1.24	97.60 5.86 -0.19	74.47 4.78 -0.36	62.36 4.24 -0.82	54.06 3.27 -0.53	45.94 2.43 -0.10	39.72 1.82 0.00
REYNOLDS_115KV_TB3 80639	34.71 1.04 0.00	31.31 0.97 0.00	29.71 0.95 0.00	29.16 0.99 0.00	29.18 0.99 0.00	30.17 0.91 0.00	31.91 0.96 0.00	35.40 1.03 0.00	36.88 1.00 0.00	37.77 1.17 0.00	41.13 1.20 0.00	44.97 1.27 0.00	49.06 1.15 0.00	57.53 1.51 0.00	62.32 1.99 0.00	76.40 2.87 -0.03	106.30 3.91 -4.61	146.12 4.75 -30.84	187.00 3.48 -91.97	158.46 2.43 -86.72	104.06 1.78 -44.99	73.53 1.76 -21.51	44.97 1.56 0.00	39.19 1.29 0.00
RIVERBAY___ 323610	36.67 3.00 -0.01	32.99 2.64 -0.01	31.24 2.47 -0.01	30.52 2.34 -0.01	30.60 2.40 -0.01	31.61 2.34 -0.01	33.61 2.66 0.00	37.40 3.02 -0.01	38.96 3.09 0.00	40.26 3.66 0.00	43.77 3.83 0.00	47.73 4.02 0.00	51.98 4.07 0.00	60.99 4.99 0.01	65.27 4.95 0.01	80.50 6.98 -0.01	107.65 9.48 -0.39	123.10 10.94 -1.63	108.58 7.87 -9.15	83.64 5.41 -8.91	66.93 3.61 -6.03	57.31 3.82 -3.23	47.10 3.69 -0.01	41.28 3.37 -0.01
RIVERSIDE_115KV_TB3 55908	34.54 0.88 0.00	31.16 0.82 0.00	29.57 0.81 0.00	28.99 0.82 0.00	29.01 0.82 0.00	30.02 0.76 0.00	31.76 0.80 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.62 1.02 0.00	40.97 1.04 0.00	44.84 1.14 0.00	48.87 0.96 0.00	57.31 1.29 0.00	62.08 1.75 0.00	76.08 2.57 0.00	101.50 3.42 -0.31	118.52 4.31 -3.69	151.59 3.11 -56.92	127.39 2.15 -55.92	98.88 1.55 -40.04	73.82 1.51 -22.05	44.80 1.39 0.00	39.04 1.14 0.00
ROARING___BROOK_WT_PWR 323790	32.63 -1.04 0.00	29.46 -0.88 0.00	27.99 -0.78 0.00	27.47 -0.70 0.00	27.57 -0.62 0.00	28.68 -0.58 0.00	30.46 -0.50 0.00	33.88 -0.48 0.00	35.45 -0.43 0.00	35.94 -0.66 0.00	39.17 -0.76 0.00	42.83 -0.87 0.00	46.85 -1.05 0.00	54.34 -1.68 0.00	58.39 -1.93 0.00	71.14 -2.36 0.01	40.26 -3.13 54.38	71.36 -3.43 35.74	43.65 -2.93 44.97	67.02 -2.29 0.01	55.58 -1.72 0.00	49.16 -1.11 0.00	42.49 -0.91 0.00	37.22 -0.68 0.00
ROCHESRG_115KV_T4 355643	34.04 0.37 0.00	30.28 -0.06 0.00	28.53 -0.23 0.00	27.86 -0.31 0.00	27.80 -0.39 0.00	29.06 -0.20 0.00	30.43 -0.53 0.00	33.92 -0.45 0.00	35.81 -0.07 0.00	36.78 0.18 0.00	40.73 0.80 0.00	44.93 1.22 0.00	49.82 1.92 0.00	58.43 2.41 0.00	62.56 2.23 0.00	74.68 1.18 0.00	98.75 0.98 0.00	110.52 0.00 0.00	93.75 2.20 0.00	72.16 2.84 0.00	60.44 3.15 0.00	51.47 1.21 0.00	44.45 1.04 0.00	38.92 1.02 0.00

ROCHESTER_9_IC 23652	34.24 0.57 0.00	30.50 0.15 0.00	28.70 -0.06 0.00	28.03 -0.14 0.00	27.94 -0.25 0.00	29.23 -0.03 0.00	30.64 -0.31 0.00	34.16 -0.21 0.00	36.06 0.18 0.00	37.04 0.44 0.00	41.09 1.16 0.00	45.32 1.62 0.00	50.25 2.35 0.00	58.99 2.97 0.00	63.16 2.84 0.00	75.42 1.91 0.00	99.63 1.86 0.00	111.63 1.11 0.00	94.67 3.11 0.00	72.86 3.54 0.00	61.02 3.72 0.00	51.97 1.71 0.00	44.84 1.43 0.00	39.23 1.33 0.00
ROCKVIEW_13_KV_LD 356306	35.96 2.29 0.00	32.38 2.03 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.05 1.86 0.00	31.13 1.87 0.00	33.06 2.10 0.00	36.80 2.44 0.00	38.53 2.65 0.00	39.82 3.22 0.00	43.29 3.35 0.00	47.24 3.54 0.00	51.69 3.78 0.00	60.55 4.54 0.00	65.03 4.71 0.00	80.12 6.62 0.00	107.15 9.00 -0.38	122.54 10.39 -1.62	108.29 7.60 -9.14	83.43 5.20 -8.90	66.88 3.55 -6.04	57.11 3.62 -3.23	46.53 3.13 0.00	40.59 2.69 0.00
ROME____115KV_TB2 80656	35.15 1.48 0.00	31.56 1.21 0.00	29.85 1.09 0.00	29.21 1.04 0.00	29.21 1.01 0.00	30.43 1.17 0.00	32.25 1.30 0.00	35.88 1.51 0.00	37.38 1.51 0.00	38.33 1.57 -0.15	41.69 1.76 0.00	45.76 2.05 0.00	50.40 2.49 0.00	59.28 3.25 -0.01	63.83 3.50 0.00	77.73 4.12 -0.10	103.63 5.57 -0.29	118.06 6.30 -1.24	97.60 5.86 -0.19	74.47 4.78 -0.36	62.36 4.24 -0.82	54.06 3.27 -0.53	45.94 2.43 -0.10	39.72 1.82 0.00
ROSETON____1 23587	35.42 1.75 0.00	31.92 1.58 0.00	30.23 1.47 0.00	29.61 1.44 0.00	29.69 1.49 0.00	30.72 1.46 0.00	32.56 1.61 0.00	36.08 1.72 0.00	37.71 1.83 0.00	38.87 2.27 0.00	42.33 2.40 0.00	46.19 2.49 0.00	50.49 2.59 0.00	59.10 3.08 0.00	63.52 3.20 0.00	78.14 4.63 0.00	104.46 6.35 -0.34	119.23 7.29 -1.41	105.44 5.22 -8.68	81.25 3.46 -8.47	65.61 2.46 -5.86	55.85 2.46 -3.13	45.62 2.21 0.00	39.87 1.97 0.00
ROSETON____2 23588	35.42 1.75 0.00	31.92 1.58 0.00	30.23 1.47 0.00	29.61 1.44 0.00	29.69 1.49 0.00	30.72 1.46 0.00	32.56 1.61 0.00	36.08 1.72 0.00	37.71 1.83 0.00	38.87 2.27 0.00	42.33 2.40 0.00	46.19 2.49 0.00	50.49 2.59 0.00	59.10 3.08 0.00	63.52 3.20 0.00	78.14 4.63 0.00	104.46 6.35 -0.34	119.23 7.29 -1.41	105.44 5.22 -8.68	81.25 3.46 -8.47	65.61 2.46 -5.86	55.85 2.46 -3.13	45.62 2.21 0.00	39.87 1.97 0.00
ROTTDAM_115KV_TB3 80664	34.85 1.18 0.00	31.41 1.06 0.00	29.77 1.01 0.00	29.18 1.01 0.00	29.21 1.01 0.00	30.26 0.99 0.00	32.00 1.05 0.00	35.50 1.13 0.00	36.99 1.11 0.00	37.88 1.28 0.00	41.21 1.28 0.00	45.15 1.44 0.00	49.44 1.53 0.00	57.87 1.85 0.00	62.50 2.17 0.00	76.45 2.94 -0.01	102.58 4.11 -0.70	121.03 5.08 -5.43	195.33 4.21 -99.57	170.61 3.19 -98.10	131.40 2.52 -71.58	92.25 2.31 -39.68	45.27 1.87 0.00	39.42 1.52 0.00
RUSSELL____1 23602	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.20 0.00	30.89 -0.06 0.00	34.50 0.14 0.00	36.42 0.54 0.00	37.44 0.84 0.00	41.53 1.60 0.00	45.85 2.14 0.00	50.93 3.02 0.00	59.71 3.70 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.51 1.99 0.00	95.40 3.85 0.00	73.48 4.16 0.00	61.53 4.24 0.00	52.37 2.11 0.00	45.14 1.74 0.00	39.49 1.59 0.00
RUSSELL____2 23532	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.20 0.00	30.89 -0.06 0.00	34.50 0.14 0.00	36.42 0.54 0.00	37.44 0.84 0.00	41.53 1.60 0.00	45.85 2.14 0.00	50.93 3.02 0.00	59.71 3.70 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.51 1.99 0.00	95.40 3.85 0.00	73.48 4.16 0.00	61.53 4.24 0.00	52.37 2.11 0.00	45.14 1.74 0.00	39.49 1.59 0.00
RUSSELL____3 23549	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.20 0.00	30.89 -0.06 0.00	34.50 0.14 0.00	36.42 0.54 0.00	37.44 0.84 0.00	41.53 1.60 0.00	45.85 2.14 0.00	50.93 3.02 0.00	59.71 3.70 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.51 1.99 0.00	95.40 3.85 0.00	73.48 4.16 0.00	61.53 4.24 0.00	52.37 2.11 0.00	45.14 1.74 0.00	39.49 1.59 0.00
RUSSELL____4 23556	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.20 0.00	30.89 -0.06 0.00	34.50 0.14 0.00	36.42 0.54 0.00	37.44 0.84 0.00	41.53 1.60 0.00	45.85 2.14 0.00	50.93 3.02 0.00	59.71 3.70 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.51 1.99 0.00	95.40 3.85 0.00	73.48 4.16 0.00	61.53 4.24 0.00	52.37 2.11 0.00	45.14 1.74 0.00	39.49 1.59 0.00
RUSSELL____STATION 23914	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.20 0.00	30.89 -0.06 0.00	34.50 0.14 0.00	36.42 0.54 0.00	37.44 0.84 0.00	41.53 1.60 0.00	45.85 2.14 0.00	50.93 3.02 0.00	59.71 3.70 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.51 1.99 0.00	95.40 3.85 0.00	73.48 4.16 0.00	61.53 4.24 0.00	52.37 2.11 0.00	45.14 1.74 0.00	39.49 1.59 0.00
S SALMON____HYD 24043	33.53 -0.13 0.00	30.16 -0.18 0.00	28.53 -0.23 0.00	27.89 -0.28 0.00	27.88 -0.31 0.00	29.03 -0.24 0.00	30.74 -0.22 0.00	34.13 -0.24 0.00	35.59 -0.29 0.00	37.13 -0.18 -0.71	39.70 -0.24 0.00	43.49 -0.22 0.00	47.91 0.00 0.00	56.19 0.11 -0.06	60.39 0.06 0.00	73.92 -0.07 -0.49	100.92 -0.29 -3.43	117.23 -0.44 -7.15	94.37 0.28 -2.54	71.72 0.69 -1.70	61.94 0.80 -3.84	53.03 0.30 -2.47	43.98 0.09 -0.48	37.98 0.08 0.00
S.PERRY__115KV_TB1 80734	35.59 1.92 0.00	31.65 1.30 0.00	29.74 0.98 0.00	28.99 0.82 0.00	28.93 0.73 0.00	30.31 1.05 0.00	31.82 0.87 0.00	35.40 1.03 0.00	35.84 -0.04 0.00	36.78 0.18 0.00	40.69 0.76 0.00	44.80 1.09 0.00	49.63 1.72 0.00	58.20 2.18 0.00	60.15 -0.18 0.00	72.33 -1.18 0.00	95.33 -2.44 0.00	106.99 -3.54 0.00	91.28 -0.27 0.00	71.33 2.01 0.00	60.16 2.86 0.00	50.97 0.70 0.00	45.53 2.13 0.00	39.68 1.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.14 0.47 0.00	30.13 -0.21 0.00	28.39 -0.37 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.91 -0.35 0.00	30.02 -0.93 0.00	33.37 -1.00 0.00	35.52 -0.36 0.00	36.71 0.11 0.00	40.93 1.00 0.00	45.28 1.57 0.00	50.35 2.44 0.00	59.21 3.19 0.00	63.28 2.96 0.00	74.54 1.03 0.00	98.07 0.29 0.00	108.53 -1.99 0.00	93.57 2.01 0.00	72.58 3.26 0.00	61.30 4.01 0.00	51.32 1.06 0.00	44.54 1.13 0.00	39.34 1.44 0.00
SAWYER____23_KV_LOAD 55526	34.14 0.47 0.00	30.13 -0.21 0.00	28.39 -0.37 0.00	27.69 -0.48 0.00	27.57 -0.62 0.00	28.91 -0.35 0.00	30.02 -0.93 0.00	33.37 -1.00 0.00	35.52 -0.36 0.00	36.71 0.11 0.00	40.93 1.00 0.00	45.28 1.57 0.00	50.35 2.44 0.00	59.21 3.19 0.00	63.28 2.96 0.00	74.54 1.03 0.00	98.07 0.29 0.00	108.53 -1.99 0.00	93.57 2.01 0.00	72.58 3.26 0.00	61.30 4.01 0.00	51.32 1.06 0.00	44.54 1.13 0.00	39.34 1.44 0.00

SELKIRK___I 23801	34.58 0.91 0.00	31.19 0.85 0.00	29.59 0.83 0.00	29.01 0.84 0.00	29.07 0.87 0.00	30.08 0.82 0.00	31.79 0.84 0.00	35.26 0.89 0.00	36.74 0.86 0.00	37.51 0.92 0.00	40.81 0.88 0.00	44.67 0.96 0.00	47.57 -0.33 0.00	55.68 -0.33 0.00	60.27 -0.06 0.00	73.78 0.30 0.02	95.17 0.59 3.19	93.04 1.33 18.82	100.94 0.92 -8.47	81.01 0.55 -11.13	78.84 0.35 -21.20	65.02 0.55 -14.21	44.97 1.56 0.00	39.19 1.29 0.00
SELKIRK___II 23799	34.48 0.81 0.00	31.13 0.79 0.00	29.51 0.75 0.00	28.96 0.79 0.00	28.98 0.79 0.00	29.99 0.73 0.00	31.73 0.77 0.00	35.16 0.79 0.00	36.67 0.79 0.00	37.51 0.92 0.00	40.89 0.96 0.00	44.71 1.01 0.00	48.29 0.38 0.00	56.58 0.56 0.00	61.17 0.84 0.00	74.88 1.39 0.02	95.91 1.85 3.72	91.02 2.43 21.94	100.30 1.65 -7.10	80.51 0.97 -10.22	80.51 0.63 -22.59	66.43 0.80 -15.36	44.62 1.21 0.00	38.88 0.98 0.00
SENECA OSWGO___HYD 24041	33.44 -0.23 0.00	30.04 -0.30 0.00	28.44 -0.32 0.00	27.80 -0.37 0.00	27.80 -0.39 0.00	28.91 -0.35 0.00	30.52 -0.43 0.00	33.99 -0.38 0.00	35.52 -0.36 0.00	37.42 -0.18 -1.00	39.74 -0.20 0.00	43.57 -0.13 0.00	47.96 0.05 0.00	56.28 0.17 -0.09	60.51 0.18 0.00	74.12 -0.07 -0.69	106.08 -0.10 -8.40	122.48 -0.44 -12.39	98.24 0.18 -6.51	72.13 0.42 -2.39	63.21 0.51 -5.40	53.78 0.05 -3.47	44.04 -0.04 -0.68	37.82 -0.08 0.00
SENECA___115KV_TB3 355854	34.54 0.88 0.00	30.46 0.12 0.00	28.70 -0.06 0.00	28.00 -0.17 0.00	27.88 -0.31 0.00	29.23 -0.03 0.00	30.43 -0.53 0.00	33.88 -0.48 0.00	36.06 0.18 0.00	37.29 0.70 0.00	41.57 1.64 0.00	45.98 2.27 0.00	51.17 3.26 0.00	60.27 4.26 0.00	64.43 4.10 0.00	75.93 2.43 0.00	100.02 2.25 0.00	110.75 0.22 0.00	95.40 3.85 0.00	73.76 4.44 0.00	62.28 4.98 0.00	52.07 1.81 0.00	45.19 1.78 0.00	39.87 1.97 0.00
SENECA___ENERGY 23797	34.11 0.44 0.00	30.53 0.18 0.00	28.85 0.09 0.00	28.14 -0.03 0.00	28.11 -0.08 0.00	29.35 0.09 0.00	30.98 0.03 0.00	34.61 0.24 0.00	36.20 0.32 0.00	37.62 0.62 -0.40	40.85 0.92 0.00	44.89 1.18 0.00	49.58 1.68 0.00	58.07 2.01 -0.04	62.44 2.11 0.00	75.54 1.76 -0.27	103.26 2.15 -3.34	117.33 1.88 -4.93	96.98 2.84 -2.59	73.18 2.91 -0.95	62.19 2.75 -2.15	53.20 1.56 -1.38	44.80 1.13 -0.27	38.77 0.87 0.00
SHOEMAKER___GT 23640	35.22 1.55 0.00	31.74 1.40 0.00	30.08 1.32 0.00	29.44 1.27 0.00	29.49 1.30 0.00	30.55 1.29 0.00	32.35 1.39 0.00	35.81 1.44 0.00	37.45 1.58 0.00	38.57 1.98 0.00	42.01 2.08 0.00	45.89 2.18 0.00	50.21 2.30 0.00	58.87 2.86 0.00	63.28 2.96 0.00	77.84 4.34 0.00	104.03 5.96 -0.29	117.95 6.85 -0.57	103.15 5.03 -6.56	79.33 3.46 -6.54	65.04 2.46 -5.29	55.42 2.31 -2.85	45.49 2.08 0.00	39.64 1.74 0.00
SHOEMAKR_138KV_BK 111 55601	35.18 1.52 0.00	31.74 1.40 0.00	30.08 1.32 0.00	29.41 1.24 0.00	29.49 1.30 0.00	30.52 1.26 0.00	32.31 1.36 0.00	35.81 1.44 0.00	37.46 1.58 0.00	38.58 1.98 0.00	42.01 2.08 0.00	45.89 2.19 0.00	50.21 2.30 0.00	58.76 2.74 0.00	63.28 2.96 0.00	77.84 4.34 0.00	104.03 5.96 -0.29	117.94 6.85 -0.56	102.99 4.94 -6.50	79.26 3.47 -6.48	64.94 2.41 -5.24	55.39 2.31 -2.82	45.45 2.04 0.00	39.64 1.74 0.00
SHOREHAM_IC_1 23715	43.51 2.59 -7.24	40.60 2.28 -7.98	35.69 2.18 -4.74	32.96 2.14 -2.65	30.37 2.17 0.00	32.63 2.20 -1.17	33.15 2.20 0.00	37.01 2.65 0.00	41.72 2.98 -2.87	43.37 3.62 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.15 4.79 -6.46	68.08 5.60 -6.46	71.94 5.61 -6.00	100.14 7.28 -19.35	118.65 10.56 -10.31	139.41 12.05 -16.84	119.15 8.60 -19.00	83.92 5.69 -8.91	68.09 4.75 -6.04	62.50 4.57 -7.67	49.55 3.86 -2.28	48.28 3.34 -7.05
SHOREHAM_IC_2 23716	43.51 2.59 -7.24	40.60 2.28 -7.98	35.69 2.18 -4.74	32.96 2.14 -2.65	30.37 2.17 0.00	32.63 2.20 -1.17	33.15 2.20 0.00	37.01 2.65 0.00	41.72 2.98 -2.87	43.37 3.62 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.15 4.79 -6.46	68.08 5.60 -6.46	71.94 5.61 -6.00	100.14 7.28 -19.35	118.65 10.56 -10.31	139.41 12.05 -16.84	119.15 8.60 -19.00	83.92 5.69 -8.91	68.09 4.75 -6.04	62.50 4.57 -7.67	49.55 3.86 -2.28	48.28 3.34 -7.05
SISSONVILLE____ 23735	32.63 -1.04 0.00	29.43 -0.91 0.00	27.96 -0.81 0.00	27.38 -0.79 0.00	27.32 -0.87 0.00	28.27 -0.99 0.00	30.12 -0.84 0.00	33.33 -1.03 0.00	34.80 -1.08 0.00	35.05 -1.65 -0.10	37.94 -2.00 0.00	41.48 -2.23 0.00	45.51 -2.40 0.00	52.94 -3.08 -0.01	56.89 -3.44 0.00	69.01 -4.56 -0.06	63.92 -6.75 27.11	85.96 -7.41 17.16	62.78 -6.41 22.37	64.76 -4.78 -0.22	54.26 -3.55 -0.51	47.78 -2.81 -0.33	40.95 -2.52 -0.06	36.46 -1.44 0.00
SITHE_IND_GS1 24169	32.83 -0.84 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.35 -0.82 0.00	27.38 -0.82 0.00	28.44 -0.82 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.84 -0.84 2.92	39.09 -0.84 0.00	42.83 -0.87 0.00	47.14 -0.77 0.00	54.86 -0.90 0.26	59.36 -0.97 0.00	70.04 -1.47 1.99	71.31 -2.06 24.40	71.98 -2.54 36.01	71.01 -1.65 18.90	61.40 -0.97 6.95	40.91 -0.68 15.70	39.28 -0.90 10.08	40.57 -0.87 1.97	37.14 -0.76 0.00
SITHE_IND_GS2 24170	32.83 -0.84 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.35 -0.82 0.00	27.38 -0.82 0.00	28.44 -0.82 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.84 -0.84 2.92	39.09 -0.84 0.00	42.83 -0.87 0.00	47.14 -0.77 0.00	54.86 -0.90 0.26	59.36 -0.97 0.00	70.04 -1.47 1.99	71.31 -2.06 24.40	71.98 -2.54 36.01	71.01 -1.65 18.90	61.40 -0.97 6.95	40.91 -0.68 15.70	39.28 -0.90 10.08	40.57 -0.87 1.97	37.14 -0.76 0.00
SITHE_IND_GS3 24171	32.83 -0.84 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.35 -0.82 0.00	27.38 -0.82 0.00	28.44 -0.82 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.84 -0.84 2.92	39.09 -0.84 0.00	42.83 -0.87 0.00	47.14 -0.77 0.00	54.86 -0.90 0.26	59.36 -0.97 0.00	70.04 -1.47 1.99	71.31 -2.06 24.40	71.98 -2.54 36.01	71.01 -1.65 18.90	61.40 -0.97 6.95	40.91 -0.68 15.70	39.28 -0.90 10.08	40.57 -0.87 1.97	37.14 -0.76 0.00
SITHE_IND_GS4 24172	32.83 -0.84 0.00	29.55 -0.79 0.00	27.99 -0.78 0.00	27.35 -0.82 0.00	27.38 -0.82 0.00	28.44 -0.82 0.00	30.05 -0.90 0.00	33.44 -0.93 0.00	34.94 -0.93 0.00	32.84 -0.84 2.92	39.09 -0.84 0.00	42.83 -0.87 0.00	47.14 -0.77 0.00	54.86 -0.90 0.26	59.36 -0.97 0.00	70.04 -1.47 1.99	71.31 -2.06 24.40	71.98 -2.54 36.01	71.01 -1.65 18.90	61.40 -0.97 6.95	40.91 -0.68 15.70	39.28 -0.90 10.08	40.57 -0.87 1.97	37.14 -0.76 0.00
SITHE___BATAVIA 24024	34.85 1.18 0.00	30.77 0.42 0.00	29.08 0.32 0.00	28.23 0.06 0.00	28.11 -0.08 0.00	29.49 0.23 0.00	30.77 -0.18 0.00	34.43 0.07 0.00	36.45 0.57 0.00	37.48 0.88 0.00	41.81 1.88 0.00	46.15 2.45 0.00	51.50 3.59 0.00	60.16 4.15 0.00	64.55 4.22 0.00	76.23 2.72 0.00	100.70 2.93 0.00	112.18 1.66 0.00	96.40 4.85 0.00	74.93 5.61 0.00	62.97 5.67 0.00	53.12 2.86 0.00	45.75 2.34 0.00	40.21 2.31 0.00

SITHE___INDEPEND 23800	32.83 -0.84 0.00	29.55 -0.79 0.00	27.96 -0.81 0.00	27.35 -0.82 0.00	27.38 -0.82 0.00	28.44 -0.82 0.00	30.05 -0.90 0.00	33.40 -0.96 0.00	34.91 -0.97 0.00	32.84 -0.84 2.92	39.10 -0.84 0.00	42.87 -0.83 0.00	47.09 -0.81 0.00	54.86 -0.90 0.26	59.36 -0.97 0.00	70.04 -1.47 1.99	71.32 -2.05 24.40	71.98 -2.54 36.01	71.00 -1.65 18.90	61.33 -1.04 6.95	40.91 -0.69 15.70	39.23 -0.95 10.08	40.57 -0.87 1.97	37.10 -0.80 0.00
SITHE___MASSENA 23902	33.16 -0.50 0.00	29.92 -0.42 0.00	28.42 -0.34 0.00	27.83 -0.34 0.00	27.83 -0.37 0.00	28.88 -0.38 0.00	30.67 -0.28 0.00	33.99 -0.38 0.00	35.48 -0.39 0.00	35.76 -0.84 0.00	38.86 -1.08 0.00	42.48 -1.22 0.00	46.47 -1.44 0.00	54.17 -1.85 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	59.52 -4.40 33.86	83.41 -4.86 22.25	59.37 -4.30 27.89	65.99 -3.33 0.01	54.94 -2.35 0.00	48.40 -1.86 0.00	41.85 -1.56 0.00	37.14 -0.76 0.00
SITHE___OGDNSBRG 24021	33.33 -0.34 0.00	30.07 -0.27 0.00	28.56 -0.20 0.00	27.97 -0.20 0.00	27.97 -0.23 0.00	29.03 -0.23 0.00	30.89 -0.06 0.00	34.16 -0.21 0.00	35.59 -0.29 0.00	35.68 -0.91 0.00	38.74 -1.20 0.00	42.35 -1.35 0.00	46.52 -1.39 0.00	54.22 -1.79 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	63.05 -4.50 30.22	85.69 -4.97 19.86	62.45 -4.21 24.89	66.33 -2.98 0.01	55.35 -1.95 0.00	48.80 -1.46 0.00	41.97 -1.43 0.00	37.29 -0.61 0.00
SITHE___STERLING 23777	34.88 1.21 0.00	31.34 1.00 0.00	29.65 0.89 0.00	29.01 0.84 0.00	28.98 0.79 0.00	30.20 0.94 0.00	31.97 1.02 0.00	35.57 1.20 0.00	37.10 1.22 0.00	38.12 1.35 -0.17	41.45 1.52 0.00	45.50 1.79 0.00	50.11 2.20 0.00	58.78 2.74 -0.01	63.34 3.02 0.00	77.15 3.53 -0.11	103.85 4.69 -1.38	117.76 5.20 -2.04	97.47 4.85 -1.07	73.73 4.02 -0.39	61.74 3.55 -0.89	53.60 2.76 -0.57	45.56 2.04 -0.11	39.42 1.52 0.00
SLEIGHT___34_KV_TB1 80719	34.01 0.34 0.00	30.37 0.03 0.00	28.62 -0.14 0.00	27.94 -0.23 0.00	27.91 -0.28 0.00	29.14 -0.12 0.00	30.67 -0.28 0.00	34.26 -0.10 0.00	36.06 0.18 0.00	37.11 0.40 -0.11	40.89 0.96 0.00	45.02 1.31 0.00	49.82 1.92 0.00	58.44 2.41 -0.01	62.68 2.35 0.00	75.42 1.84 -0.08	100.75 2.05 -0.92	113.43 1.55 -1.36	95.20 2.93 -0.71	72.57 2.98 -0.26	60.98 3.09 -0.59	52.10 1.46 -0.38	44.61 1.13 -0.07	38.81 0.91 0.00
SOUTH CAIRO___GT 23612	35.96 2.29 0.00	32.35 2.00 0.00	30.66 1.90 0.00	30.03 1.86 0.00	30.08 1.89 0.00	31.08 1.81 0.00	32.87 1.92 0.00	36.08 1.72 0.00	37.60 1.72 0.00	38.17 1.57 0.00	41.57 1.64 0.00	45.41 1.70 0.00	49.01 1.10 0.00	57.53 1.51 0.00	62.74 2.41 0.00	77.24 3.75 0.02	100.56 6.06 3.28	99.08 8.07 19.52	103.70 7.14 -5.01	81.91 4.78 -7.81	80.18 3.72 -19.16	66.38 2.97 -13.16	46.71 3.30 0.00	40.55 2.65 0.00
SOUTH HAMPTN___IC 23720	44.08 3.16 -7.24	41.08 2.76 -7.98	36.18 2.68 -4.74	33.44 2.62 -2.65	30.84 2.65 0.00	33.15 2.72 -1.17	33.68 2.72 0.00	37.66 3.30 0.00	42.59 3.84 -2.87	44.36 4.61 -3.15	49.17 5.39 -3.85	51.01 5.77 -1.54	60.86 6.51 -6.43	70.01 7.62 -6.37	74.03 7.79 -5.91	102.45 9.85 -19.09	121.93 13.98 -10.17	141.59 15.80 -15.26	121.95 11.54 -18.86	86.20 7.97 -8.91	69.86 6.53 -6.04	64.01 6.08 -7.67	50.72 5.03 -2.28	49.27 4.32 -7.05
SOUTHDOW_115KV_TB1 355954	35.15 1.48 0.00	31.07 0.73 0.00	29.25 0.49 0.00	28.51 0.34 0.00	28.42 0.23 0.00	29.88 0.61 0.00	31.29 0.34 0.00	35.15 0.79 0.00	37.28 1.40 0.00	38.72 2.12 0.00	43.05 3.11 0.00	47.42 3.71 0.00	52.75 4.84 0.00	62.23 6.22 0.00	66.60 6.27 0.00	78.80 5.29 0.00	103.93 6.16 0.00	115.06 4.53 0.00	98.60 7.05 0.00	76.18 6.86 0.00	64.11 6.82 0.00	53.63 3.37 0.00	46.40 3.00 0.00	40.74 2.84 0.00
SOUTHOLD_69_KV_BK 2 55809	44.55 3.64 -7.24	41.48 3.16 -7.98	36.61 3.11 -4.74	33.92 3.10 -2.65	31.30 3.10 0.00	33.68 3.25 -1.17	34.17 3.22 0.00	38.35 3.99 0.00	43.48 4.74 -2.87	45.35 5.60 -3.15	50.49 6.71 -3.85	52.72 7.47 -1.54	62.58 8.24 -6.43	71.97 9.58 -6.38	76.32 10.07 -5.92	104.96 12.35 -19.10	125.36 17.40 -10.18	145.38 19.56 -15.30	124.97 14.56 -18.86	88.49 10.26 -8.91	71.58 8.25 -6.04	65.77 7.84 -7.67	51.94 6.25 -2.28	50.37 5.42 -7.05
SOUTHOLD___IC 23719	44.52 3.60 -7.24	41.48 3.16 -7.98	36.58 3.08 -4.74	33.89 3.07 -2.65	31.30 3.10 0.00	33.68 3.25 -1.17	34.17 3.22 0.00	38.35 3.98 0.00	43.48 4.74 -2.87	45.35 5.60 -3.15	50.49 6.71 -3.85	52.59 7.34 -1.54	62.63 8.29 -6.43	72.19 9.80 -6.38	76.26 10.02 -5.92	105.03 12.43 -19.10	125.36 17.40 -10.18	145.39 19.57 -15.30	124.98 14.56 -18.86	88.49 10.26 -8.91	71.70 8.36 -6.04	65.67 7.74 -7.67	51.98 6.29 -2.28	50.29 5.35 -7.05
SOUTH_FORK_WT_PWR 323839	44.31 3.40 -7.24	41.30 2.98 -7.98	36.49 2.99 -4.74	33.86 3.04 -2.65	31.27 3.07 0.00	33.65 3.22 -1.17	34.14 3.19 0.00	38.35 3.98 0.00	43.52 4.77 -2.87	45.42 5.67 -3.15	50.61 6.83 -3.85	52.68 7.43 -1.54	62.78 8.43 -6.43	72.36 9.97 -6.38	76.37 10.13 -5.92	105.03 12.43 -19.09	125.35 17.40 -10.18	145.14 19.34 -15.28	124.69 14.28 -18.86	88.35 10.12 -8.91	71.64 8.30 -6.04	65.72 7.79 -7.67	51.98 6.29 -2.28	50.33 5.38 -7.05
SPIERFLS_115KV_TB 1 80737	35.72 2.05 0.00	32.16 1.82 0.00	30.46 1.70 0.00	29.80 1.63 0.00	29.80 1.61 0.00	30.93 1.67 0.00	32.72 1.76 0.00	36.46 2.10 0.00	38.03 2.15 0.00	38.94 2.34 0.00	42.09 2.16 0.00	46.33 2.62 0.00	50.83 2.92 0.00	59.21 3.19 0.00	64.49 4.16 0.00	79.11 5.59 -0.01	107.08 7.63 -1.68	132.44 10.06 -11.86	199.13 8.97 -98.61	172.39 6.86 -96.21	128.79 5.90 -65.60	90.78 5.03 -35.50	47.14 3.73 0.00	40.70 2.80 0.00
ST LAWRENCE____ 23600	32.90 -0.77 0.00	29.68 -0.67 0.00	28.16 -0.61 0.00	27.58 -0.59 0.00	27.63 -0.56 0.00	28.68 -0.58 0.00	30.43 -0.53 0.00	33.71 -0.65 0.00	35.19 -0.68 0.00	35.54 -1.06 0.00	38.70 -1.24 0.00	42.30 -1.40 0.00	46.28 -1.63 0.00	53.89 -2.13 0.00	58.03 -2.29 0.00	70.56 -2.94 0.01	58.35 -4.01 35.41	82.79 -4.42 23.31	58.55 -3.84 29.16	66.33 -2.98 0.01	55.00 -2.29 0.00	48.45 -1.81 0.00	41.93 -1.48 0.00	36.84 -1.06 0.00
STATE_CA_115KV_115_LB 55624	34.65 0.98 0.00	31.22 0.88 0.00	29.62 0.86 0.00	29.02 0.85 0.00	29.04 0.85 0.00	30.05 0.79 0.00	31.82 0.87 0.00	35.33 0.96 0.00	36.81 0.93 0.00	37.73 1.13 0.00	41.09 1.16 0.00	45.02 1.31 0.00	49.06 1.15 0.00	57.47 1.46 0.00	62.32 1.99 0.00	76.30 2.79 0.00	101.59 3.81 0.00	117.39 4.75 -2.12	155.66 3.48 -60.63	131.56 2.43 -59.81	103.07 1.78 -44.00	76.43 1.71 -24.46	44.97 1.56 0.00	39.15 1.25 0.00
STATE_ST_34_KV_LOAD 55959	34.17 0.51 0.00	30.71 0.36 0.00	28.99 0.23 0.00	28.37 0.20 0.00	28.33 0.14 0.00	29.52 0.26 0.00	31.20 0.25 0.00	34.81 0.45 0.00	36.42 0.54 0.00	37.87 0.81 -0.46	41.01 1.08 0.00	44.97 1.27 0.00	49.58 1.68 0.00	58.13 2.07 -0.04	62.44 2.11 0.00	75.96 2.13 -0.32	104.49 2.84 -3.88	118.90 2.65 -5.72	97.76 3.20 -3.00	73.27 2.84 -1.10	62.48 2.69 -2.49	53.52 1.66 -1.60	44.98 1.26 -0.31	38.77 0.87 0.00

STATION 5_MISC_HYD 23604	34.28 0.61 0.00	30.50 0.15 0.00	28.79 0.03 0.00	28.03 -0.14 0.00	27.94 -0.25 0.00	29.23 -0.03 0.00	30.64 -0.31 0.00	34.23 -0.14 0.00	36.13 0.25 0.00	37.11 0.51 0.00	41.13 1.20 0.00	45.32 1.62 0.00	50.40 2.49 0.00	58.82 2.80 0.00	63.16 2.84 0.00	75.42 1.91 0.00	99.73 1.95 0.00	111.63 1.11 0.00	94.67 3.11 0.00	72.99 3.67 0.00	60.96 3.67 0.00	52.12 1.86 0.00	44.84 1.43 0.00	39.26 1.36 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.44 0.77 0.00	30.74 0.39 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.22 0.03 0.00	29.49 0.23 0.00	31.05 0.09 0.00	34.71 0.34 0.00	36.49 0.61 0.00	37.60 0.88 -0.12	41.41 1.48 0.00	45.63 1.92 0.00	50.49 2.59 0.00	59.33 3.31 -0.01	63.58 3.26 0.00	76.45 2.87 -0.08	101.98 3.23 -0.98	114.85 2.87 -1.45	96.53 4.21 -0.76	73.69 4.09 -0.28	61.94 4.01 -0.63	52.83 2.16 -0.41	45.22 1.74 -0.08	39.34 1.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.07 0.40 0.00	30.34 0.00 0.00	28.56 -0.20 0.00	27.89 -0.28 0.00	27.80 -0.39 0.00	29.09 -0.18 0.00	30.52 -0.43 0.00	34.06 -0.31 0.00	35.91 0.04 0.00	36.89 0.29 0.00	40.89 0.96 0.00	45.10 1.40 0.00	50.02 2.11 0.00	58.71 2.69 0.00	62.92 2.59 0.00	75.20 1.69 0.00	99.44 1.66 0.00	111.41 0.88 0.00	94.39 2.84 0.00	72.58 3.26 0.00	60.67 3.38 0.00	51.72 1.46 0.00	44.58 1.17 0.00	39.00 1.10 0.00
STA_56____34_KV_BUS2 355983	34.07 0.40 0.00	30.34 0.00 0.00	28.56 -0.20 0.00	27.89 -0.28 0.00	27.80 -0.39 0.00	29.09 -0.18 0.00	30.52 -0.43 0.00	34.06 -0.31 0.00	35.91 0.04 0.00	36.89 0.29 0.00	40.89 0.96 0.00	45.10 1.40 0.00	50.02 2.11 0.00	58.71 2.69 0.00	62.92 2.59 0.00	75.20 1.69 0.00	99.44 1.66 0.00	111.41 0.88 0.00	94.39 2.84 0.00	72.58 3.26 0.00	60.67 3.38 0.00	51.72 1.46 0.00	44.58 1.17 0.00	39.00 1.10 0.00
STA_67____115KV_BK2 355882	34.17 0.51 0.00	30.40 0.06 0.00	28.65 -0.12 0.00	27.97 -0.20 0.00	27.88 -0.31 0.00	29.17 -0.09 0.00	30.55 -0.40 0.00	34.06 -0.31 0.00	35.95 0.07 0.00	36.93 0.33 0.00	40.93 1.00 0.00	45.15 1.44 0.00	50.06 2.16 0.00	58.76 2.74 0.00	62.92 2.59 0.00	75.12 1.62 0.00	99.34 1.56 0.00	111.19 0.66 0.00	94.30 2.75 0.00	72.65 3.33 0.00	60.85 3.55 0.00	51.77 1.51 0.00	44.67 1.26 0.00	39.11 1.21 0.00
STA_7____115KV_9TRANS 80674	34.58 0.91 0.00	30.77 0.42 0.00	28.93 0.17 0.00	28.25 0.08 0.00	28.17 -0.03 0.00	29.47 0.20 0.00	30.89 -0.06 0.00	34.50 0.14 0.00	36.42 0.54 0.00	37.44 0.84 0.00	41.53 1.60 0.00	45.85 2.14 0.00	50.93 3.02 0.00	59.71 3.70 0.00	63.95 3.62 0.00	76.01 2.50 0.00	100.41 2.64 0.00	112.51 1.99 0.00	95.40 3.85 0.00	73.48 4.16 0.00	61.53 4.24 0.00	52.37 2.11 0.00	45.14 1.74 0.00	39.49 1.59 0.00
STA_82____115KV_TB1 80780	34.17 0.51 0.00	30.43 0.09 0.00	28.65 -0.12 0.00	27.97 -0.20 0.00	27.91 -0.28 0.00	29.17 -0.09 0.00	30.58 -0.37 0.00	34.09 -0.27 0.00	35.98 0.11 0.00	36.97 0.37 0.00	40.97 1.04 0.00	45.19 1.49 0.00	50.11 2.20 0.00	58.82 2.80 0.00	62.98 2.65 0.00	75.20 1.69 0.00	99.34 1.56 0.00	111.30 0.77 0.00	94.39 2.84 0.00	72.65 3.33 0.00	60.85 3.55 0.00	51.82 1.56 0.00	44.71 1.30 0.00	39.15 1.25 0.00
STEEL____WIND 323596	34.54 0.87 0.00	30.43 0.09 0.00	28.82 0.06 0.00	27.97 -0.20 0.00	27.86 -0.34 0.00	29.23 -0.03 0.00	30.40 -0.56 0.00	33.99 -0.38 0.00	36.06 0.18 0.00	37.29 0.69 0.00	41.65 1.72 0.00	45.93 2.23 0.00	51.26 3.35 0.00	60.05 4.04 0.00	64.31 3.98 0.00	75.86 2.35 0.00	100.02 2.25 0.00	110.64 0.11 0.00	95.31 3.76 0.00	73.90 4.57 0.00	62.11 4.81 0.00	52.22 1.96 0.00	45.19 1.78 0.00	39.87 1.97 0.00
STEPHTWN_115KV_BK_2 55603	34.85 1.18 0.00	31.41 1.06 0.00	29.77 1.01 0.00	29.18 1.01 0.00	29.21 1.01 0.00	30.23 0.97 0.00	32.04 1.08 0.00	35.53 1.17 0.00	37.03 1.15 0.00	37.92 1.32 0.00	41.29 1.36 0.00	45.23 1.53 0.00	49.25 1.34 0.00	57.70 1.68 0.00	62.56 2.23 0.00	76.71 3.23 0.04	95.87 4.40 6.30	78.70 5.64 37.46	91.87 4.21 3.90	73.80 2.91 -1.56	85.89 2.18 -26.42	71.72 2.06 -19.39	45.27 1.87 0.00	39.42 1.52 0.00
STEUBEN_REC_LFGE 323667	35.08 1.41 0.00	31.22 0.88 0.00	29.31 0.55 0.00	28.56 0.39 0.00	28.53 0.34 0.00	29.90 0.64 0.00	31.54 0.59 0.00	35.29 0.93 0.00	37.06 1.18 0.00	38.47 1.72 -0.15	42.41 2.48 0.00	46.81 3.10 0.00	51.74 3.83 0.00	60.85 4.82 -0.01	64.97 4.65 0.00	77.59 3.97 -0.11	104.32 5.28 -1.27	116.81 4.42 -1.87	98.94 6.41 -0.98	75.85 6.17 -0.36	64.18 6.07 -0.81	54.05 3.27 -0.52	46.37 2.86 -0.10	40.40 2.50 0.00
STILLWATER____SOLAR 323814	35.83 2.16 0.00	32.29 1.94 0.00	30.54 1.78 0.00	29.92 1.75 0.00	29.94 1.75 0.00	31.02 1.76 0.00	32.84 1.89 0.00	36.50 2.13 0.00	38.03 2.15 0.00	38.91 2.31 0.00	42.29 2.36 0.00	46.46 2.76 0.00	50.93 3.02 0.00	59.61 3.59 0.00	64.73 4.40 0.00	79.33 5.81 -0.01	107.77 7.92 -2.08	134.82 9.83 -14.46	198.10 8.33 -98.22	171.07 6.31 -95.44	125.63 5.16 -63.17	88.59 4.53 -33.80	46.92 3.51 0.00	40.67 2.77 0.00
STONY____BROOK 24151	43.91 3.00 -7.24	40.99 2.67 -7.98	36.00 2.50 -4.74	33.24 2.42 -2.65	30.65 2.45 0.00	32.95 2.52 -1.17	33.49 2.54 0.00	37.42 3.06 0.00	42.04 3.30 -2.87	43.67 3.92 -3.15	48.14 4.35 -3.85	49.75 4.50 -1.54	59.45 5.03 -6.51	68.29 5.60 -6.67	72.14 5.61 -6.20	101.07 7.57 -19.99	119.27 10.85 -10.65	146.73 12.16 -24.04	119.67 8.79 -19.33	84.06 5.82 -8.92	67.97 4.64 -6.04	62.61 4.68 -7.67	49.77 4.08 -2.28	48.51 3.56 -7.05
STURGEON_POOL_HYD 23609	35.32 1.65 0.00	31.83 1.49 0.00	30.20 1.44 0.00	29.55 1.38 0.00	29.63 1.44 0.00	30.64 1.38 0.00	32.44 1.49 0.00	36.15 1.79 0.00	37.85 1.97 0.00	39.09 2.49 0.00	42.57 2.64 0.00	46.41 2.71 0.00	50.97 3.07 0.00	59.77 3.75 0.00	64.25 3.92 0.00	79.24 5.73 0.00	105.49 8.31 0.60	115.87 9.28 3.94	105.65 6.77 -7.32	81.15 3.95 -7.88	68.54 2.41 -8.84	58.07 2.31 -5.50	45.58 2.17 0.00	39.72 1.82 0.00
ST_LAW_115_BK7_LBMP 345037	32.83 -0.84 0.00	29.61 -0.73 0.00	28.13 -0.63 0.00	27.55 -0.62 0.00	27.57 -0.62 0.00	28.62 -0.64 0.00	30.40 -0.56 0.00	33.68 -0.69 0.00	35.16 -0.72 0.00	35.46 -1.13 0.00	38.62 -1.32 0.00	42.22 -1.49 0.00	46.14 -1.77 0.00	53.77 -2.24 0.00	57.85 -2.48 0.00	70.27 -3.23 0.01	58.29 -4.40 35.09	82.71 -4.75 23.06	58.44 -4.21 28.90	66.06 -3.26 0.01	54.77 -2.52 0.00	48.25 -2.01 0.00	41.80 -1.61 0.00	36.76 -1.14 0.00
ST_LAW_115_BK8_LBMP 345038	32.83 -0.84 0.00	29.61 -0.73 0.00	28.13 -0.63 0.00	27.55 -0.62 0.00	27.57 -0.62 0.00	28.62 -0.64 0.00	30.40 -0.56 0.00	33.68 -0.69 0.00	35.16 -0.72 0.00	35.46 -1.13 0.00	38.62 -1.32 0.00	42.22 -1.49 0.00	46.14 -1.77 0.00	53.77 -2.24 0.00	57.85 -2.48 0.00	70.27 -3.23 0.01	58.29 -4.40 35.09	82.71 -4.75 23.06	58.44 -4.21 28.90	66.06 -3.26 0.01	54.77 -2.52 0.00	48.25 -2.01 0.00	41.80 -1.61 0.00	36.76 -1.14 0.00

ST_LAW_230_BK5_LBMP 345035	32.90 -0.77 0.00	29.68 -0.67 0.00	28.16 -0.61 0.00	27.58 -0.59 0.00	27.63 -0.56 0.00	28.68 -0.58 0.00	30.43 -0.53 0.00	33.71 -0.65 0.00	35.19 -0.68 0.00	35.54 -1.06 0.00	38.70 -1.24 0.00	42.30 -1.40 0.00	46.28 -1.63 0.00	53.89 -2.13 0.00	58.03 -2.29 0.00	70.56 -2.94 0.01	57.93 -4.01 35.83	82.55 -4.42 23.55	58.20 -3.84 29.51	66.33 -2.98 0.01	55.00 -2.29 0.00	48.45 -1.81 0.00	41.93 -1.48 0.00	36.84 -1.06 0.00
ST_LAW_230_BK6_LBMP 345036	32.90 -0.77 0.00	29.68 -0.67 0.00	28.16 -0.61 0.00	27.58 -0.59 0.00	27.63 -0.56 0.00	28.68 -0.58 0.00	30.43 -0.53 0.00	33.71 -0.65 0.00	35.19 -0.68 0.00	35.54 -1.06 0.00	38.70 -1.24 0.00	42.30 -1.40 0.00	46.28 -1.63 0.00	53.89 -2.13 0.00	58.03 -2.29 0.00	70.56 -2.94 0.01	57.93 -4.01 35.83	82.55 -4.42 23.55	58.20 -3.84 29.51	66.33 -2.98 0.01	55.00 -2.29 0.00	48.45 -1.81 0.00	41.93 -1.48 0.00	36.84 -1.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.32 1.65 0.00	31.86 1.52 0.00	30.20 1.44 0.00	29.52 1.35 0.00	29.60 1.41 0.00	30.64 1.38 0.00	32.47 1.52 0.00	35.98 1.62 0.00	37.64 1.76 0.00	38.83 2.23 0.00	42.29 2.36 0.00	46.20 2.49 0.00	50.49 2.59 0.00	59.15 3.14 0.00	63.70 3.38 0.00	78.43 4.92 0.00	104.83 6.75 -0.31	118.87 7.74 -0.61	103.92 5.58 -6.78	79.82 3.74 -6.75	65.34 2.58 -5.47	55.71 2.51 -2.94	45.62 2.21 0.00	39.80 1.90 0.00
SWANROAD_115KV_TB1 355699	33.53 -0.13 0.00	29.62 -0.73 0.00	27.90 -0.86 0.00	27.21 -0.96 0.00	27.09 -1.10 0.00	28.41 -0.85 0.00	29.44 -1.52 0.00	32.61 -1.75 0.00	34.77 -1.11 0.00	35.87 -0.73 0.00	40.01 0.08 0.00	44.27 0.57 0.00	49.25 1.34 0.00	57.87 1.85 0.00	61.77 1.45 0.00	72.55 -0.96 0.00	95.43 -2.35 0.00	105.66 -4.86 0.00	91.28 -0.27 0.00	70.99 1.66 0.00	60.04 2.75 0.00	50.21 -0.05 0.00	43.62 0.22 0.00	38.66 0.76 0.00
SYNERGY___BIOGAS 323694	34.85 1.18 0.00	30.77 0.42 0.00	29.08 0.32 0.00	28.23 0.06 0.00	28.11 -0.08 0.00	29.49 0.23 0.00	30.77 -0.18 0.00	34.43 0.07 0.00	36.45 0.57 0.00	37.48 0.88 0.00	41.81 1.88 0.00	46.15 2.45 0.00	51.50 3.59 0.00	60.16 4.15 0.00	64.55 4.22 0.00	76.23 2.72 0.00	100.70 2.93 0.00	112.18 1.66 0.00	96.40 4.85 0.00	74.93 5.61 0.00	62.97 5.67 0.00	53.12 2.86 0.00	45.75 2.34 0.00	40.21 2.31 0.00
SYRACUSE___ENERGY_ST1 323597	33.87 0.20 0.00	30.46 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.48 0.33 -0.55	40.45 0.52 0.00	44.14 0.44 0.00	48.48 0.57 0.00	56.85 0.78 -0.05	61.11 0.78 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.55 -6.83	96.24 1.10 -3.58	71.68 1.04 -1.32	61.36 1.09 -2.98	52.68 0.50 -1.91	44.13 0.35 -0.37	38.05 0.15 0.00
SYRACUSE___ENERGY_ST2 323598	33.87 0.20 0.00	30.46 0.12 0.00	28.79 0.03 0.00	28.14 -0.03 0.00	28.14 -0.06 0.00	29.26 0.00 0.00	30.92 -0.03 0.00	34.47 0.10 0.00	36.02 0.14 0.00	37.48 0.33 -0.55	40.45 0.52 0.00	44.14 0.44 0.00	48.48 0.57 0.00	56.85 0.78 -0.05	61.11 0.78 0.00	74.55 0.66 -0.38	103.28 0.88 -4.63	117.91 0.55 -6.83	96.24 1.10 -3.58	71.68 1.04 -1.32	61.36 1.09 -2.98	52.68 0.50 -1.91	44.13 0.35 -0.37	38.05 0.15 0.00
SYRACUSE___POWER 24017	33.80 0.13 0.00	30.40 0.06 0.00	28.73 -0.03 0.00	28.09 -0.08 0.00	28.08 -0.11 0.00	29.23 -0.03 0.00	30.89 -0.06 0.00	34.40 0.03 0.00	35.95 0.07 0.00	37.26 0.29 -0.36	40.41 0.48 0.00	44.27 0.57 0.00	48.72 0.81 0.00	57.11 1.06 -0.03	61.47 1.15 0.00	74.78 1.03 -0.25	102.18 1.37 -3.04	116.11 1.11 -4.49	95.37 1.46 -2.35	71.57 1.39 -0.87	60.62 1.38 -1.96	52.22 0.70 -1.26	44.17 0.52 -0.25	38.20 0.30 0.00
TALLMAN___138KV_BK151 55660	35.42 1.75 0.00	31.98 1.64 0.00	30.31 1.55 0.00	29.63 1.46 0.00	29.69 1.49 0.00	30.72 1.46 0.00	32.59 1.64 0.00	36.15 1.79 0.00	37.81 1.94 0.00	39.09 2.49 0.00	42.57 2.64 0.00	46.46 2.75 0.00	50.78 2.87 0.00	59.49 3.47 0.00	64.01 3.68 0.00	78.87 5.37 0.00	105.44 7.33 -0.34	120.34 8.40 -1.41	105.99 5.95 -8.48	81.55 3.95 -8.28	65.55 2.58 -5.68	55.92 2.61 -3.04	45.75 2.34 0.00	39.91 2.01 0.00
TEALLAVE_115KV_TB7 355573	33.70 0.03 0.00	30.28 -0.06 0.00	28.62 -0.14 0.00	28.00 -0.17 0.00	28.00 -0.20 0.00	29.11 -0.15 0.00	30.77 -0.19 0.00	34.30 -0.07 0.00	35.84 -0.04 0.00	37.08 0.18 -0.30	40.29 0.36 0.00	44.19 0.48 0.00	48.63 0.72 0.00	57.00 0.95 -0.03	61.29 0.97 0.00	74.59 0.88 -0.21	101.36 1.08 -2.52	115.01 0.77 -3.71	94.69 1.19 -1.95	71.22 1.18 -0.72	60.11 1.20 -1.62	51.85 0.55 -1.04	44.00 0.39 -0.20	38.09 0.19 0.00
TELGRAPH_34_KV_EAST 80808	34.24 0.57 0.00	30.25 -0.09 0.00	28.47 -0.29 0.00	27.75 -0.42 0.00	27.63 -0.56 0.00	29.00 -0.26 0.00	30.15 -0.80 0.00	33.54 -0.82 0.00	35.70 -0.18 0.00	36.78 0.18 0.00	41.01 1.08 0.00	45.37 1.66 0.00	50.45 2.54 0.00	59.32 3.31 0.00	63.40 3.08 0.00	74.68 1.18 0.00	98.36 0.59 0.00	109.31 -1.22 0.00	94.12 2.56 0.00	73.00 3.67 0.00	61.70 4.41 0.00	51.72 1.46 0.00	44.80 1.39 0.00	39.49 1.59 0.00
TEMPLE___115KV_TB 2 55572	33.70 0.03 0.00	30.31 -0.03 0.00	28.65 -0.12 0.00	28.03 -0.14 0.00	28.02 -0.17 0.00	29.14 -0.12 0.00	30.80 -0.15 0.00	34.30 -0.07 0.00	35.88 0.00 0.00	37.12 0.22 -0.30	40.33 0.40 0.00	44.23 0.52 0.00	48.67 0.77 0.00	57.05 1.01 -0.03	61.41 1.09 0.00	74.67 0.96 -0.20	101.45 1.17 -2.51	115.11 0.88 -3.70	94.78 1.28 -1.94	71.28 1.25 -0.71	60.17 1.26 -1.61	51.90 0.60 -1.04	44.04 0.43 -0.20	38.13 0.23 0.00
TIANA___69_KV_BK 1 55817	44.01 3.10 -7.24	40.99 2.67 -7.98	36.12 2.62 -4.74	33.36 2.54 -2.65	30.76 2.57 0.00	33.07 2.63 -1.17	33.58 2.63 0.00	37.56 3.20 0.00	42.40 3.66 -2.87	44.11 4.36 -3.15	48.90 5.11 -3.85	50.75 5.51 -1.54	60.38 6.04 -6.43	69.28 6.89 -6.38	73.54 7.30 -5.92	101.79 9.19 -19.10	121.15 13.20 -10.18	140.85 15.03 -15.29	121.31 10.89 -18.86	85.72 7.49 -8.91	69.35 6.02 -6.04	63.76 5.83 -7.67	50.38 4.69 -2.28	49.08 4.13 -7.05
TILDEN___115KV_TB1 80814	33.80 0.13 0.00	30.40 0.06 0.00	28.73 -0.03 0.00	28.09 -0.08 0.00	28.08 -0.11 0.00	29.23 -0.03 0.00	30.89 -0.06 0.00	34.40 0.03 0.00	35.95 0.07 0.00	37.26 0.29 -0.36	40.41 0.48 0.00	44.27 0.57 0.00	48.72 0.81 0.00	57.11 1.06 -0.03	61.47 1.15 0.00	74.78 1.03 -0.25	102.18 1.37 -3.04	116.11 1.11 -4.49	95.37 1.46 -2.35	71.57 1.39 -0.87	60.62 1.38 -1.96	52.22 0.70 -1.26	44.17 0.52 -0.25	38.20 0.30 0.00
TRIGEN___CC 323695	43.57 2.66 -7.24	40.69 2.37 -7.98	35.72 2.21 -4.74	32.93 2.11 -2.65	30.34 2.14 0.00	32.60 2.17 -1.17	33.24 2.29 0.00	37.04 2.68 0.00	41.69 2.94 -2.87	43.26 3.51 -3.15	47.50 3.71 -3.85	49.22 3.98 -1.54	64.65 4.22 -12.52	91.68 4.87 -30.79	94.00 5.13 -28.54	172.63 6.91 -92.21	155.20 9.78 -47.65	158.47 11.16 -36.79	155.48 7.87 -56.06	83.42 5.20 -8.90	67.34 4.01 -6.04	61.95 4.02 -7.67	49.20 3.52 -2.28	47.98 3.03 -7.05

TRINITY__115KV__4 BK 55933	34.44 0.77 0.00	31.07 0.73 0.00	29.48 0.72 0.00	28.90 0.73 0.00	28.93 0.73 0.00	29.93 0.67 0.00	31.66 0.71 0.00	35.15 0.79 0.00	36.63 0.75 0.00	37.51 0.91 0.00	40.85 0.92 0.00	44.71 1.01 0.00	48.72 0.81 0.00	57.08 1.06 0.00	61.83 1.51 0.00	75.78 2.28 0.01	98.70 3.03 2.11	102.93 3.87 11.46	126.88 2.75 -32.58	105.17 1.87 -33.97	92.17 1.32 -33.56	71.87 1.36 -20.25	44.67 1.26 0.00	38.92 1.02 0.00
UNION__PROCESSING_DRP 323587	34.21 0.54 0.00	30.43 0.09 0.00	28.67 -0.09 0.00	27.97 -0.20 0.00	27.91 -0.28 0.00	29.17 -0.09 0.00	30.58 -0.37 0.00	34.09 -0.27 0.00	35.98 0.11 0.00	36.97 0.37 0.00	40.97 1.04 0.00	45.19 1.49 0.00	50.11 2.20 0.00	58.82 2.80 0.00	62.98 2.65 0.00	75.20 1.69 0.00	99.34 1.56 0.00	111.30 0.77 0.00	94.39 2.84 0.00	72.72 3.40 0.00	60.90 3.61 0.00	51.82 1.56 0.00	44.71 1.30 0.00	39.15 1.25 0.00
UPPER HUDSON__HYD 24058	35.72 2.05 0.00	32.16 1.82 0.00	30.46 1.70 0.00	29.80 1.63 0.00	29.80 1.61 0.00	30.93 1.67 0.00	32.72 1.76 0.00	36.43 2.06 0.00	38.03 2.15 0.00	38.91 2.31 0.00	42.09 2.15 0.00	46.33 2.62 0.00	50.83 2.92 0.00	59.21 3.19 0.00	64.49 4.16 0.00	79.10 5.58 -0.01	107.09 7.63 -1.68	132.44 10.06 -11.86	199.14 8.98 -98.61	172.40 6.86 -96.21	128.80 5.90 -65.60	90.83 5.07 -35.50	47.09 3.69 0.00	40.70 2.80 0.00
UPPER RAQUET__HYD 24056	32.63 -1.04 0.00	29.43 -0.91 0.00	27.93 -0.83 0.00	27.38 -0.79 0.00	27.32 -0.87 0.00	28.27 -0.99 0.00	30.12 -0.83 0.00	33.33 -1.03 0.00	34.76 -1.11 0.00	35.05 -1.65 -0.10	37.94 -2.00 0.00	41.48 -2.23 0.00	45.37 -2.54 0.00	52.89 -3.14 -0.01	56.89 -3.44 0.00	69.01 -4.56 -0.06	63.82 -6.85 27.11	85.96 -7.40 17.16	62.78 -6.41 22.37	64.76 -4.78 -0.22	54.31 -3.50 -0.51	47.73 -2.86 -0.33	40.95 -2.52 -0.06	36.46 -1.44 0.00
VALLEY44_115KV_TB2 355964	34.17 0.51 0.00	30.28 -0.06 0.00	28.53 -0.23 0.00	27.80 -0.37 0.00	27.69 -0.51 0.00	29.09 -0.18 0.00	30.46 -0.50 0.00	34.02 -0.34 0.00	36.06 0.18 0.00	37.48 0.88 0.00	41.41 1.48 0.00	45.67 1.97 0.00	50.83 2.92 0.00	59.83 3.81 0.00	64.13 3.80 0.00	76.01 2.50 0.00	100.22 2.44 0.00	111.19 0.66 0.00	95.21 3.66 0.00	73.41 4.09 0.00	61.59 4.30 0.00	51.62 1.36 0.00	44.67 1.26 0.00	39.45 1.55 0.00
VALLEY__115KV_TB 1-4 80826	34.17 0.51 0.00	30.77 0.42 0.00	29.16 0.40 0.00	28.56 0.39 0.00	28.59 0.39 0.00	29.73 0.47 0.00	31.48 0.53 0.00	34.98 0.62 0.00	36.49 0.61 0.00	37.33 0.73 0.00	40.73 0.80 0.00	44.62 0.92 0.00	48.96 1.05 0.00	57.36 1.34 0.00	61.65 1.33 0.00	75.20 1.69 0.00	101.66 2.15 -1.74	114.21 2.54 -1.14	95.12 2.11 -1.46	70.99 1.66 0.00	58.67 1.38 0.00	51.57 1.31 0.00	44.45 1.04 0.00	38.73 0.83 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.42 1.75 0.00	31.89 1.55 0.00	30.23 1.47 0.00	29.63 1.46 0.00	29.63 1.44 0.00	30.81 1.55 0.00	32.62 1.67 0.00	36.22 1.86 0.00	37.74 1.87 0.00	38.85 2.16 -0.09	42.29 2.36 0.00	46.33 2.62 0.00	50.93 3.02 0.00	59.72 3.70 -0.01	64.37 4.04 0.00	78.50 4.92 -0.06	105.02 6.45 -0.79	119.10 7.41 -1.17	108.68 6.32 -10.81	85.23 4.78 -11.13	70.22 4.01 -8.92	58.70 3.37 -5.07	46.16 2.69 -0.06	40.02 2.12 0.00
VISCHER__FERRY HYD 24020	35.19 1.52 0.00	31.71 1.37 0.00	30.06 1.30 0.00	29.47 1.30 0.00	29.49 1.30 0.00	30.55 1.29 0.00	32.31 1.36 0.00	35.84 1.48 0.00	37.35 1.47 0.00	38.21 1.61 0.00	41.61 1.68 0.00	45.54 1.84 0.00	49.83 1.92 0.00	58.42 2.41 0.00	63.34 3.02 0.00	77.64 4.11 -0.02	106.23 5.57 -2.88	136.98 6.74 -19.72	193.33 5.40 -96.38	166.09 3.95 -92.82	117.85 3.09 -57.46	83.00 2.81 -29.92	45.71 2.30 0.00	39.72 1.82 0.00
V_A_10_SYNC_DSASP 323832	33.77 0.10 0.00	29.89 -0.45 0.00	28.30 -0.46 0.00	27.49 -0.68 0.00	27.40 -0.79 0.00	28.70 -0.56 0.00	29.87 -1.08 0.00	33.26 -1.10 0.00	35.27 -0.61 0.00	36.34 -0.25 0.00	40.45 0.52 0.00	44.58 0.87 0.00	49.58 1.68 0.00	57.86 1.85 0.00	62.01 1.69 0.00	73.36 -0.15 0.00	96.70 -1.07 0.00	107.55 -2.98 0.00	92.20 0.65 0.00	71.61 2.28 0.00	60.04 2.75 0.00	50.87 0.61 0.00	43.97 0.56 0.00	38.77 0.87 0.00
V_CMM_10_SYNC_DSASP 323787	33.00 -0.67 0.00	29.77 -0.58 0.00	28.24 -0.52 0.00	27.69 -0.48 0.00	27.71 -0.48 0.00	28.76 -0.50 0.00	30.52 -0.43 0.00	33.81 -0.55 0.00	35.34 -0.54 0.00	35.61 -0.99 0.00	38.82 -1.12 0.00	42.44 -1.27 0.00	46.37 -1.53 0.00	54.05 -1.96 0.00	58.16 -2.17 0.00	70.56 -2.94 0.01	58.67 -4.01 35.09	83.15 -4.31 23.06	58.81 -3.84 28.90	66.34 -2.98 0.01	55.06 -2.24 0.00	48.50 -1.76 0.00	41.98 -1.43 0.00	36.95 -0.95 0.00
V_CMP_10_SYNC_DSASP 323788	33.40 -0.27 0.00	30.10 -0.24 0.00	28.65 -0.11 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.64 0.38 0.00	31.73 0.77 0.00	34.47 0.10 0.00	36.20 0.32 0.00	36.42 -0.18 0.00	39.78 -0.16 0.00	43.44 -0.26 0.00	46.52 -1.39 0.00	52.32 -3.70 0.00	56.29 -4.04 0.00	67.91 -5.59 0.01	56.23 -6.94 34.61	80.48 -7.30 22.75	56.58 -6.41 28.56	64.32 -4.99 0.01	53.97 -3.32 0.00	48.00 -2.26 0.00	43.23 -0.17 0.00	37.90 0.00 0.00
V_D_10_SYNC_DSASP 323841	33.16 -0.50 0.00	29.92 -0.42 0.00	28.42 -0.34 0.00	27.83 -0.34 0.00	27.86 -0.34 0.00	28.88 -0.38 0.00	30.67 -0.28 0.00	33.99 -0.38 0.00	35.52 -0.36 0.00	35.76 -0.84 0.00	38.90 -1.04 0.00	42.53 -1.18 0.00	46.52 -1.39 0.00	54.17 -1.85 0.00	58.28 -2.05 0.00	70.63 -2.87 0.01	59.43 -4.40 33.95	83.47 -4.75 22.31	59.29 -4.30 27.96	66.06 -3.26 0.01	54.94 -2.35 0.00	48.40 -1.86 0.00	41.89 -1.52 0.00	37.14 -0.76 0.00
V_E_10_SYNC_DSASP 323830	36.87 3.20 0.00	33.01 2.67 0.00	31.18 2.42 0.00	30.48 2.31 0.00	30.42 2.23 0.00	31.84 2.58 0.00	33.83 2.88 0.00	37.70 3.33 0.00	39.14 3.26 0.00	40.26 3.44 -0.22	43.65 3.71 0.00	47.99 4.29 0.00	53.13 5.22 0.00	62.53 6.49 -0.02	67.26 6.93 0.00	81.89 8.23 -0.15	110.37 10.76 -1.84	125.72 12.49 -2.71	109.50 11.90 -6.05	84.79 10.05 -5.42	71.02 8.77 -4.96	59.99 6.83 -2.89	48.76 5.21 -0.15	41.96 4.06 0.00
V_F_30_NSYNC__DSASP 323816	35.93 2.26 0.00	32.35 2.00 0.00	30.63 1.87 0.00	29.97 1.80 0.00	30.00 1.81 0.00	31.11 1.84 0.00	32.90 1.95 0.00	36.57 2.20 0.00	38.14 2.26 0.00	39.01 2.41 0.00	42.41 2.48 0.00	46.59 2.88 0.00	51.12 3.21 0.00	59.77 3.75 0.00	64.97 4.65 0.00	79.62 6.10 -0.01	107.98 8.21 -2.00	134.72 10.28 -13.92	198.56 8.70 -98.30	171.51 6.59 -95.60	126.36 5.38 -63.68	89.14 4.72 -34.15	47.05 3.65 0.00	40.78 2.88 0.00
V_F_30_SYNC_DSASP 323786	34.65 0.98 0.00	31.22 0.88 0.00	29.62 0.86 0.00	29.02 0.85 0.00	29.04 0.85 0.00	30.05 0.79 0.00	31.82 0.87 0.00	35.33 0.96 0.00	36.81 0.93 0.00	37.73 1.13 0.00	41.09 1.16 0.00	45.02 1.31 0.00	49.06 1.15 0.00	57.47 1.46 0.00	62.32 1.99 0.00	76.30 2.79 0.00	101.59 3.81 0.00	116.74 4.75 -1.46	153.59 3.48 -58.56	129.65 2.43 -57.90	102.25 1.78 -43.18	76.08 1.71 -24.11	44.93 1.52 0.00	39.11 1.21 0.00

V_XM10_SYNC_DSASP 323789	33.40 -0.27 0.00	30.10 -0.24 0.00	28.65 -0.11 0.00	28.09 -0.08 0.00	28.14 -0.06 0.00	29.64 0.38 0.00	31.73 0.77 0.00	34.47 0.10 0.00	36.20 0.32 0.00	36.42 -0.18 0.00	39.78 -0.16 0.00	43.44 -0.26 0.00	46.52 -1.39 0.00	52.32 -3.70 0.00	56.29 -4.04 0.00	67.91 -5.59 0.01	56.23 -6.94 34.61	80.48 -7.30 22.75	56.58 -6.41 28.56	64.32 -4.99 0.01	53.97 -3.32 0.00	48.00 -2.26 0.00	43.23 -0.17 0.00	37.90 0.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.52 1.85 0.00	32.04 1.70 0.00	30.40 1.64 0.00	29.72 1.55 0.00	29.80 1.61 0.00	30.84 1.58 0.00	32.65 1.70 0.00	36.25 1.89 0.00	37.92 2.05 0.00	39.20 2.60 0.00	42.65 2.72 0.00	46.55 2.84 0.00	50.93 3.02 0.00	59.66 3.64 0.00	64.19 3.86 0.00	79.17 5.66 0.00	105.84 7.72 -0.34	120.70 8.73 -1.44	106.35 6.23 -8.58	81.92 4.23 -8.37	65.83 2.81 -5.73	56.14 2.81 -3.07	45.88 2.47 0.00	40.02 2.12 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.03 2.36 0.00	32.41 2.06 0.00	30.69 1.93 0.00	29.97 1.80 0.00	30.08 1.89 0.00	31.10 1.84 0.00	33.06 2.10 0.00	36.87 2.51 0.00	38.60 2.73 0.00	39.93 3.33 0.00	43.37 3.43 0.00	47.38 3.67 0.00	51.79 3.88 0.00	60.61 4.59 0.00	64.97 4.65 0.00	80.12 6.62 0.00	107.15 9.00 -0.38	122.43 10.28 -1.62	107.93 7.23 -9.14	83.01 4.78 -8.90	66.48 3.15 -6.04	56.90 3.42 -3.23	46.49 3.08 0.00	40.55 2.65 0.00
W50THST__13_KV_LOAD 356117	36.23 2.56 0.00	32.59 2.25 0.00	30.86 2.10 0.00	30.17 2.00 0.00	30.25 2.06 0.00	31.31 2.05 0.00	33.30 2.35 0.00	37.15 2.78 0.00	38.93 3.05 0.00	40.30 3.70 0.00	43.77 3.83 0.00	47.81 4.11 0.00	52.27 4.36 0.00	61.17 5.15 0.00	65.57 5.25 0.00	80.93 7.42 0.00	108.13 9.97 -0.38	123.42 11.27 -1.62	108.75 8.06 -9.14	83.49 5.27 -8.90	66.88 3.55 -6.04	57.31 3.82 -3.23	46.84 3.43 0.00	40.86 2.96 0.00
WADING RIVER_IC_1 23522	43.44 2.53 -7.24	40.57 2.25 -7.98	35.63 2.13 -4.74	32.91 2.08 -2.65	30.34 2.14 0.00	32.60 2.17 -1.17	33.12 2.17 0.00	36.97 2.61 0.00	41.69 2.94 -2.87	43.34 3.59 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.13 4.79 -6.43	67.92 5.55 -6.35	71.77 5.55 -5.89	99.66 7.13 -19.02	118.27 10.36 -10.14	137.55 11.94 -15.09	118.71 8.33 -18.82	83.78 5.55 -8.91	68.03 4.70 -6.04	62.46 4.53 -7.67	49.51 3.82 -2.28	48.24 3.30 -7.05
WADING RIVER_IC_2 23547	43.44 2.53 -7.24	40.57 2.25 -7.98	35.63 2.13 -4.74	32.91 2.08 -2.65	30.34 2.14 0.00	32.60 2.17 -1.17	33.12 2.17 0.00	36.97 2.61 0.00	41.69 2.94 -2.87	43.34 3.59 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.13 4.79 -6.43	67.92 5.55 -6.35	71.77 5.55 -5.89	99.66 7.13 -19.02	118.27 10.36 -10.14	137.55 11.94 -15.09	118.71 8.33 -18.82	83.78 5.55 -8.91	68.03 4.70 -6.04	62.46 4.53 -7.67	49.51 3.82 -2.28	48.24 3.30 -7.05
WADING RIVER_IC_3 23601	43.44 2.53 -7.24	40.57 2.25 -7.98	35.63 2.13 -4.74	32.91 2.08 -2.65	30.34 2.14 0.00	32.60 2.17 -1.17	33.12 2.17 0.00	36.97 2.61 0.00	41.69 2.94 -2.87	43.34 3.59 -3.15	47.90 4.11 -3.85	49.48 4.24 -1.54	59.13 4.79 -6.43	67.92 5.55 -6.35	71.77 5.55 -5.89	99.66 7.13 -19.02	118.27 10.36 -10.14	137.55 11.94 -15.09	118.71 8.33 -18.82	83.78 5.55 -8.91	68.03 4.70 -6.04	62.46 4.53 -7.67	49.51 3.82 -2.28	48.24 3.30 -7.05
WALDENNY_12_KV_BK2 80841	34.54 0.88 0.00	30.46 0.12 0.00	28.70 -0.06 0.00	27.97 -0.20 0.00	27.86 -0.34 0.00	29.23 -0.03 0.00	30.43 -0.53 0.00	33.88 -0.48 0.00	36.06 0.18 0.00	37.29 0.70 0.00	41.61 1.68 0.00	46.02 2.32 0.00	51.21 3.31 0.00	60.33 4.31 0.00	64.49 4.16 0.00	76.01 2.50 0.00	100.02 2.25 0.00	110.75 0.22 0.00	95.40 3.85 0.00	73.83 4.51 0.00	62.34 5.04 0.00	52.07 1.81 0.00	45.19 1.78 0.00	39.87 1.97 0.00
WALDEN__HYDRO 24148	35.55 1.89 0.00	32.04 1.70 0.00	30.37 1.61 0.00	29.69 1.52 0.00	29.77 1.58 0.00	30.78 1.52 0.00	32.62 1.67 0.00	36.15 1.79 0.00	37.85 1.97 0.00	39.05 2.45 0.00	42.53 2.60 0.00	46.41 2.71 0.00	50.78 2.87 0.00	59.55 3.53 0.00	64.13 3.80 0.00	79.02 5.51 0.00	105.65 7.63 -0.25	119.75 8.73 -0.49	105.46 6.41 -7.49	81.22 4.44 -7.46	66.08 3.04 -5.75	56.37 2.86 -3.25	45.92 2.52 0.00	40.06 2.16 0.00
WARRENSBURG____ 23737	35.72 2.05 0.00	32.16 1.82 0.00	30.46 1.70 0.00	29.80 1.63 0.00	29.80 1.61 0.00	30.93 1.67 0.00	32.72 1.76 0.00	36.43 2.06 0.00	38.03 2.15 0.00	38.91 2.31 0.00	42.09 2.15 0.00	46.33 2.62 0.00	50.83 2.92 0.00	59.21 3.19 0.00	64.49 4.16 0.00	79.10 5.58 -0.01	107.09 7.63 -1.68	132.44 10.06 -11.86	199.14 8.98 -98.61	172.40 6.86 -96.21	128.80 5.90 -65.60	90.83 5.07 -35.50	47.09 3.69 0.00	40.70 2.80 0.00
WATERSIDE____6 8 9 23538	36.09 2.42 0.00	32.47 2.12 0.00	30.71 1.96 0.00	30.00 1.83 0.00	30.11 1.92 0.00	31.13 1.87 0.00	33.12 2.17 0.00	36.95 2.58 -0.01	38.60 2.73 0.00	39.89 3.29 0.00	43.29 3.35 0.00	47.20 3.50 0.00	51.45 3.55 0.00	61.58 4.20 -1.36	65.29 4.04 -0.92	79.38 5.88 0.01	106.17 8.02 -0.38	121.31 9.17 -1.61	107.00 6.32 -9.14	77.47 4.16 -3.99	59.78 2.69 0.21	58.24 3.02 -4.96	46.36 2.95 0.00	40.63 2.73 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.07 0.40 0.00	30.71 0.36 0.00	29.11 0.35 0.00	28.51 0.34 0.00	28.53 0.34 0.00	29.61 0.35 0.00	31.35 0.40 0.00	34.81 0.45 0.00	36.31 0.43 0.00	37.15 0.55 0.00	40.53 0.60 0.00	44.36 0.66 0.00	48.67 0.77 0.00	57.03 1.01 0.00	61.35 1.03 0.00	74.83 1.32 0.00	101.27 1.76 -1.74	113.66 1.99 -1.14	94.75 1.74 -1.46	70.64 1.32 0.00	58.38 1.09 0.00	51.27 1.01 0.00	44.19 0.78 0.00	38.51 0.61 0.00
WATSON__69_KV_BK 1 55734	44.42 3.50 -7.24	41.42 3.10 -7.98	36.44 2.93 -4.74	33.61 2.79 -2.65	31.01 2.82 0.00	33.33 2.90 -1.17	33.89 2.94 0.00	37.90 3.54 0.00	42.66 3.91 -2.87	44.29 4.54 -3.15	48.86 5.07 -3.85	50.59 5.33 -1.55	60.65 5.80 -6.95	70.86 6.39 -8.46	74.97 6.82 -7.83	107.76 8.97 -25.29	123.93 12.81 -13.35	139.88 14.59 -14.77	124.18 10.62 -22.01	85.58 7.35 -8.91	69.25 5.90 -6.05	63.62 5.68 -7.68	50.47 4.77 -2.29	49.23 4.28 -7.05
WDELAWARE__HYD 323627	34.71 1.04 0.00	31.25 0.91 0.00	29.62 0.86 0.00	28.99 0.82 0.00	29.07 0.87 0.00	30.05 0.79 0.00	31.85 0.90 0.00	35.29 0.93 0.00	36.92 1.04 0.00	38.03 1.43 0.00	41.49 1.56 0.00	45.28 1.57 0.00	49.63 1.72 0.00	58.31 2.30 0.00	62.74 2.42 0.00	77.47 3.97 0.00	103.44 5.67 0.00	117.16 6.63 0.00	104.53 4.85 -8.13	80.67 3.26 -8.09	65.59 2.06 -6.24	55.59 1.81 -3.52	44.97 1.56 0.00	39.08 1.18 0.00
WEST BABYLON__IC 23714	44.28 3.37 -7.24	41.29 2.97 -7.98	36.32 2.82 -4.74	33.50 2.68 -2.65	30.90 2.71 0.00	33.18 2.75 -1.17	33.80 2.85 0.00	37.73 3.37 0.00	42.51 3.77 -2.87	44.11 4.36 -3.15	48.54 4.75 -3.85	50.23 4.98 -1.54	61.37 5.41 -8.05	74.89 5.99 -12.88	78.60 6.33 -11.94	120.45 8.38 -38.56	130.05 12.12 -20.15	140.67 13.82 -16.33	130.29 9.98 -28.76	85.02 6.79 -8.90	68.78 5.44 -6.04	63.21 5.28 -7.67	50.16 4.47 -2.28	49.00 4.06 -7.05

WEST CANADA___HYD 24049	33.91 0.24 0.00	30.56 0.21 0.00	28.96 0.20 0.00	28.37 0.20 0.00	28.39 0.20 0.00	29.47 0.21 0.00	31.17 0.22 0.00	34.61 0.24 0.00	36.09 0.22 0.00	36.93 0.33 0.00	40.29 0.36 0.00	44.10 0.39 0.00	48.34 0.43 0.00	56.58 0.56 0.00	60.93 0.60 0.00	74.32 0.81 0.00	100.59 1.08 -1.74	112.89 1.22 -1.14	94.02 1.01 -1.46	70.09 0.76 0.00	57.92 0.63 0.00	50.82 0.55 0.00	43.84 0.43 0.00	38.24 0.34 0.00
WESTERN_NY_WIND 24143	34.75 1.08 0.00	30.74 0.39 0.00	28.90 0.14 0.00	28.17 0.00 0.00	28.05 -0.14 0.00	29.44 0.18 0.00	30.70 -0.25 0.00	34.23 -0.14 0.00	36.34 0.47 0.00	37.37 0.77 0.00	41.65 1.72 0.00	46.06 2.36 0.00	51.26 3.35 0.00	60.27 4.26 0.00	64.43 4.10 0.00	76.08 2.57 0.00	100.41 2.64 0.00	111.85 1.33 0.00	96.22 4.67 0.00	74.59 5.27 0.00	62.97 5.67 0.00	52.82 2.56 0.00	45.66 2.26 0.00	40.14 2.24 0.00
WESTOVER___LESR 323668	34.41 0.74 0.00	30.86 0.52 0.00	29.19 0.43 0.00	28.54 0.37 0.00	28.53 0.34 0.00	29.70 0.44 0.00	31.32 0.37 0.00	34.88 0.52 0.00	36.52 0.65 0.00	37.83 1.02 -0.21	41.25 1.32 0.00	45.28 1.57 0.00	49.92 2.01 0.00	58.50 2.46 -0.02	62.92 2.59 0.00	76.22 2.57 -0.14	102.74 3.23 -1.74	116.19 3.09 -2.57	99.40 3.48 -4.37	76.08 3.12 -3.64	63.64 2.81 -3.54	54.06 1.71 -2.09	44.98 1.43 -0.14	39.04 1.14 0.00
WETHRSFD_WT_PWR 323626	34.38 0.71 0.00	30.43 0.09 0.00	28.76 0.00 0.00	27.97 -0.20 0.00	27.88 -0.31 0.00	29.23 -0.03 0.00	30.52 -0.43 0.00	34.09 -0.28 0.00	36.06 0.18 0.00	37.26 0.66 0.00	41.41 1.48 0.00	45.63 1.92 0.00	50.78 2.87 0.00	59.38 3.36 0.00	63.64 3.32 0.00	75.42 1.91 0.00	99.63 1.85 0.00	110.64 0.11 0.00	94.76 3.20 0.00	73.41 4.09 0.00	61.47 4.18 0.00	52.07 1.81 0.00	44.97 1.56 0.00	39.53 1.63 0.00
WHAVSTOR_138KV_BK127 55557	35.35 1.68 0.00	31.92 1.58 0.00	30.28 1.52 0.00	29.61 1.44 0.00	29.66 1.47 0.00	30.69 1.43 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.74 1.87 0.00	39.01 2.42 0.00	42.45 2.52 0.00	46.33 2.62 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.83 3.50 0.00	78.58 5.07 0.00	105.06 6.94 -0.35	119.93 7.96 -1.45	105.73 5.58 -8.59	81.38 3.67 -8.38	65.44 2.41 -5.74	55.85 2.51 -3.07	45.62 2.21 0.00	39.83 1.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.35 1.68 0.00	31.92 1.58 0.00	30.28 1.52 0.00	29.61 1.44 0.00	29.66 1.47 0.00	30.69 1.43 0.00	32.53 1.58 0.00	36.08 1.72 0.00	37.74 1.87 0.00	39.01 2.42 0.00	42.45 2.52 0.00	46.33 2.62 0.00	50.64 2.73 0.00	59.32 3.31 0.00	63.83 3.50 0.00	78.58 5.07 0.00	105.06 6.94 -0.35	119.93 7.96 -1.45	105.73 5.58 -8.59	81.38 3.67 -8.38	65.44 2.41 -5.74	55.85 2.51 -3.07	45.62 2.21 0.00	39.83 1.93 0.00
WHITEHAL_115KV_TB1 80871	36.56 2.90 0.00	32.89 2.55 0.00	31.09 2.33 0.00	30.40 2.23 0.00	30.42 2.23 0.00	31.57 2.31 0.00	33.46 2.51 0.00	37.32 2.96 0.00	38.93 3.05 0.00	39.82 3.22 0.00	43.13 3.19 0.00	47.55 3.85 0.00	52.17 4.26 0.00	60.89 4.87 0.00	66.48 6.15 0.00	81.53 8.01 -0.01	110.48 10.95 -1.75	137.10 14.26 -12.32	202.45 12.36 -98.54	174.89 9.50 -96.07	130.54 8.08 -65.17	92.34 6.89 -35.19	48.49 5.08 0.00	41.80 3.90 0.00
WHITEPLN_13_KV_LOAD 356215	36.19 2.53 0.00	32.59 2.25 0.00	30.86 2.10 0.00	30.14 1.97 0.00	30.20 2.00 0.00	31.31 2.05 0.00	33.30 2.35 0.00	37.08 2.71 0.00	38.89 3.01 0.00	40.19 3.59 0.00	43.73 3.79 0.00	47.73 4.02 0.00	52.27 4.36 0.00	61.23 5.21 0.00	65.82 5.49 0.00	81.23 7.72 0.00	108.52 10.36 -0.38	124.19 12.05 -1.62	109.55 8.88 -9.12	84.44 6.24 -8.88	67.67 4.35 -6.02	57.65 4.17 -3.22	46.92 3.52 0.00	40.97 3.07 0.00
WM_FLOYD_69_KV_BK2 356380	43.81 2.90 -7.24	40.87 2.55 -7.98	35.95 2.44 -4.74	33.19 2.37 -2.65	30.62 2.42 0.00	32.89 2.46 -1.17	33.43 2.48 0.00	37.32 2.96 0.00	42.01 3.26 -2.87	43.63 3.88 -3.15	48.22 4.43 -3.85	49.92 4.68 -1.54	59.45 5.08 -6.46	68.27 5.77 -6.49	72.44 6.09 -6.02	100.73 7.79 -19.43	119.47 11.34 -10.35	139.75 12.93 -16.29	119.93 9.34 -19.03	84.61 6.38 -8.91	68.43 5.10 -6.04	62.96 5.03 -7.67	49.81 4.12 -2.28	48.62 3.68 -7.05
WOODARD__115KV_TB2 355635	33.60 -0.07 0.00	30.22 -0.12 0.00	28.59 -0.17 0.00	27.94 -0.23 0.00	27.97 -0.23 0.00	29.06 -0.20 0.00	30.70 -0.25 0.00	34.23 -0.14 0.00	35.77 -0.11 0.00	37.07 0.07 -0.40	40.17 0.24 0.00	44.01 0.31 0.00	48.43 0.53 0.00	56.78 0.73 -0.04	61.05 0.72 0.00	74.37 0.59 -0.27	101.80 0.68 -3.35	115.90 0.44 -4.94	95.06 0.92 -2.59	71.18 0.90 -0.95	60.36 0.92 -2.15	52.05 0.40 -1.38	43.89 0.22 -0.27	38.01 0.11 0.00
YORK___WARBASSE 23770	36.34 2.66 -0.01	32.66 2.31 -0.01	30.93 2.16 -0.01	30.21 2.03 -0.01	30.29 2.09 -0.01	31.31 2.05 0.00	33.30 2.35 0.00	37.12 2.75 -0.01	38.82 2.94 0.00	40.04 3.44 0.00	43.49 3.55 0.00	47.46 3.76 0.00	51.79 3.88 0.00	67.75 4.65 -7.08	69.54 4.46 -4.75	79.82 6.32 0.01	106.66 8.51 -0.38	121.98 9.84 -1.62	107.65 6.96 -9.14	81.01 4.58 -7.11	66.36 3.04 -6.03	65.85 3.42 -12.17	46.66 3.26 0.00	40.93 3.03 0.00