

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/10/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	42.35	39.22	36.45	34.29	33.11	35.97	39.29	40.95	44.05	47.60	51.56	57.42	64.19	70.43	82.50	100.27	122.28	127.48	100.62	76.93	66.84	54.92	46.96	41.31			
		3.88	3.66	3.19	2.83	2.76	3.03	3.64	4.09	4.51	4.98	5.73	6.58	7.54	8.10	8.28	8.39	7.98	9.02	8.46	6.93	5.91	5.36	4.65	4.13			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	0.00	0.00	-11.97	-30.69	-54.35	-48.55	-23.40	-11.77	-6.17	0.00	0.00	0.00			
74TH STREET_GT_1 24260		42.47	39.29	36.51	34.35	33.14	35.97	39.32	40.95	44.06	47.56	51.65	57.37	64.02	70.18	82.32	99.97	122.04	127.21	100.50	76.83	66.79	54.92	47.00	41.43			
		4.00	3.73	3.26	2.89	2.79	3.03	3.67	4.09	4.51	4.94	5.82	6.53	7.36	7.85	8.09	8.08	7.73	8.74	8.32	6.81	5.86	5.35	4.70	4.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	0.00	0.00	-11.97	-30.69	-54.35	-48.56	-23.42	-11.78	-6.18	0.00	0.00	0.00			
74TH STREET_GT_2 24261		42.47	39.29	36.51	34.35	33.14	35.97	39.32	40.95	44.06	47.56	51.65	57.37	64.02	70.18	82.32	99.97	122.04	127.21	100.50	76.83	66.79	54.92	47.00	41.43			
		4.00	3.73	3.26	2.89	2.79	3.03	3.67	4.09	4.51	4.94	5.82	6.53	7.36	7.85	8.09	8.08	7.73	8.74	8.32	6.81	5.86	5.35	4.70	4.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	0.00	0.00	-11.97	-30.69	-54.35	-48.56	-23.42	-11.78	-6.18	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011		41.51	38.40	35.78	33.69	32.51	35.32	38.25	39.52	42.59	45.98	49.22	52.71	60.79	66.63	82.07	86.26	83.85	121.21	171.51	112.97	85.52	54.08	45.86	40.05			
		3.04	2.84	2.53	2.23	2.15	2.37	2.60	2.65	3.05	3.37	3.39	3.59	4.14	4.30	3.98	3.86	3.90	5.03	5.64	5.01	4.87	4.51	3.55	2.86			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.83	-21.20	-20.00	-46.26	-97.11	-49.73	-25.90	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798		41.81	38.68	35.98	33.88	32.69	35.52	38.51	39.77	42.91	46.32	49.54	53.10	61.30	67.01	82.43	86.64	84.06	121.05	171.34	113.55	85.95	54.53	46.24	40.38			
		3.35	3.13	2.73	2.42	2.34	2.57	2.85	2.91	3.36	3.71	3.71	3.98	4.65	4.68	4.36	4.22	4.26	5.52	6.12	5.54	5.37	4.96	3.93	3.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.82	-21.22	-19.84	-45.62	-96.46	-49.77	-25.84	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028		41.51	38.40	35.78	33.69	32.51	35.32	38.25	39.52	42.59	45.98	49.22	52.71	60.79	66.63	82.07	86.26	83.85	121.21	171.51	112.97	85.52	54.08	45.86	40.05			
		3.04	2.84	2.53	2.23	2.15	2.37	2.60	2.65	3.05	3.37	3.39	3.59	4.14	4.30	3.98	3.86	3.90	5.03	5.64	5.01	4.87	4.51	3.55	2.86			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.83	-21.20	-20.00	-46.26	-97.11	-49.73	-25.90	0.00	0.00	0.00			
ADK_NYS___DAM 23527		40.74	37.76	35.32	33.41	32.20	34.92	37.58	39.00	41.84	45.08	48.62	52.37	60.39	66.69	82.50	88.06	93.68	137.25	174.30	104.39	82.61	52.99	45.01	39.42			
		2.27	2.21	2.06	1.95	1.85	1.98	1.92	2.14	2.29	2.47	2.80	3.24	3.74	4.36	4.54	4.22	4.37	5.17	5.22	4.25	3.99	3.42	2.71	2.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.70	-22.64	-29.34	-62.17	-100.31	-41.90	-23.87	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190		39.43	36.51	34.18	32.28	31.14	33.77	36.44	37.75	40.54	43.72	47.20	50.40	58.07	64.01	76.84	83.39	60.51	38.00	32.65	77.16	57.25	50.86	43.53	38.12			
		0.96	0.96	0.93	0.82	0.79	0.82	0.78	0.88	0.99	1.11	1.37	1.28	1.42	1.68	1.74	1.65	1.62	2.03	2.06	1.63	1.48	1.29	1.23	0.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.84	-20.53	1.06	33.94	38.17	-17.29	-1.02	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683		37.28	35.26	33.28	31.37	30.26	32.02	34.72	35.94	38.56	41.38	44.45	47.60	54.78	59.95	59.95	59.18	58.04	59.92	60.01	56.20	51.37	30.55	20.49	20.44			
		-1.19	-1.10	-1.03	-0.98	-0.88	-0.92	-0.93	-0.92	-0.99	-1.24	-1.37	-1.52	-1.87	-2.37	-2.30	-2.02	-1.92	-2.59	-2.48	-2.04	-1.92	-1.69	-1.44	-1.30			
		0.00	-0.81	-1.06	-0.88	-0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	7.41	6.27	0.00	1.46	17.33	20.37	15.45			
ALBANY_1_SOLAR 323833		40.20	37.19	34.82	32.91	31.72	34.39	37.08	38.34	41.13	44.23	47.61	50.80	58.18	63.95	77.19	82.26	65.00	55.07	48.76	75.28	58.65	51.16	44.21	38.82			
		1.73	1.64	1.56	1.45	1.37	1.45	1.43	1.48	1.58	1.62	1.79	1.67	1.53	1.62	1.62	1.65	1.74	2.17	2.20	1.86	1.75	1.59	1.91	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	-13.32	-19.40	-3.30	17.01	22.20	-15.17	-2.15	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834		40.16	37.19	34.82	32.91	31.72	34.39	37.08	38.30	41.09	44.23	47.61	50.80	58.12	63.95	77.19	82.26	64.93	55.07	48.76	75.28	58.65	51.16	44.21	38.82			
		1.69	1.64	1.56	1.45	1.37	1.45	1.43	1.44	1.54	1.62	1.79	1.67	1.47	1.62	1.62	1.65	1.68	2.17	2.20	1.86	1.75	1.59	1.91	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	-13.32	-19.40	-3.30	17.01	22.20	-15.17	-2.15	0.00	0.00	0.00			
ALBANY___1 23571		39.43	36.51	34.18	32.28	31.14	33.77	36.44	37.75	40.54	43.72	47.20	50.40	58.07	64.01	76.84	83.39	60.51	38.00	32.65	77.16	57.25	50.86	43.53	38.12			
		0.96	0.96	0.93	0.82	0.79	0.82	0.78	0.88	0.99	1.11	1.37	1.28	1.42	1.68	1.74	1.65	1.62	2.03	2.06	1.63	1.48	1.29	1.23	0.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.84	-20.53	1.06	33.94	38.17	-17.29	-1.02	0.00	0.00	0.00			

ALBANY___2 23572	39.43 0.96 0.00	36.51 0.96 0.00	34.18 0.93 0.00	32.28 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.20 1.37 0.00	50.40 1.28 0.00	58.07 1.42 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.51 1.62 1.06	38.00 2.03 33.94	32.65 2.06 38.17	77.16 1.63 -17.29	57.25 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.12 0.93 0.00
ALBANY___3 23573	39.43 0.96 0.00	36.51 0.96 0.00	34.18 0.93 0.00	32.28 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.20 1.37 0.00	50.40 1.28 0.00	58.07 1.42 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.51 1.62 1.06	38.00 2.03 33.94	32.65 2.06 38.17	77.16 1.63 -17.29	57.25 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.12 0.93 0.00
ALBANY___4 23574	39.43 0.96 0.00	36.51 0.96 0.00	34.18 0.93 0.00	32.28 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.20 1.37 0.00	50.40 1.28 0.00	58.07 1.42 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.51 1.62 1.06	38.00 2.03 33.94	32.65 2.06 38.17	77.16 1.63 -17.29	57.25 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.12 0.93 0.00
ALBANY___LFGE 323615	39.97 1.50 0.00	36.98 1.42 0.00	34.58 1.33 0.00	32.65 1.20 0.00	31.50 1.15 0.00	34.16 1.22 0.00	36.86 1.21 0.00	38.19 1.33 0.00	41.09 1.54 0.00	44.32 1.71 0.00	47.80 1.97 0.00	51.14 2.01 0.00	58.98 2.32 0.00	64.89 2.56 0.00	79.57 2.55 -14.76	84.37 2.45 -20.72	76.12 2.46 -13.70	95.61 3.00 -22.70	119.27 2.95 -47.56	93.80 2.45 -33.12	72.29 2.19 -15.35	51.55 1.98 0.00	44.08 1.78 0.00	38.63 1.45 0.00
ALCOA_PA_115KV_PL-6C 55860	37.12 -1.35 0.00	35.65 -1.24 -1.33	33.83 -1.16 -1.74	31.78 -1.13 -1.45	30.65 -1.00 -1.30	31.86 -1.09 0.00	34.58 -1.07 0.00	35.79 -1.07 0.00	38.40 -1.15 0.00	41.16 -1.45 0.00	44.27 -1.56 0.00	47.36 -1.77 0.00	54.44 -2.21 0.00	59.52 -2.80 0.01	59.52 -2.74 0.00	58.81 -2.39 0.00	57.68 -2.28 0.00	59.74 -3.01 7.17	59.73 -2.96 6.07	55.85 -2.39 0.00	51.09 -2.24 1.41	30.87 -1.93 16.77	20.95 -1.65 19.71	20.87 -1.38 14.94
ALCOA_RYNLDS___DRP 24188	37.12 -1.35 0.00	35.65 -1.24 -1.33	33.83 -1.16 -1.74	31.78 -1.13 -1.45	30.65 -1.00 -1.30	31.86 -1.09 0.00	34.58 -1.07 0.00	35.79 -1.07 0.00	38.40 -1.15 0.00	41.16 -1.45 0.00	44.27 -1.56 0.00	47.36 -1.77 0.00	54.44 -2.21 0.00	59.52 -2.80 0.01	59.52 -2.74 0.00	58.81 -2.39 0.00	57.68 -2.28 0.00	59.74 -3.01 7.17	59.73 -2.96 6.07	55.85 -2.39 0.00	51.09 -2.24 1.41	30.87 -1.93 16.77	20.95 -1.65 19.71	20.87 -1.38 14.94
ALCOA___DSASP 323711	37.12 -1.35 0.00	35.64 -1.25 -1.33	33.83 -1.16 -1.74	31.78 -1.13 -1.45	30.65 -1.00 -1.30	31.86 -1.09 0.00	34.58 -1.07 0.00	35.79 -1.07 0.00	38.40 -1.15 0.00	41.16 -1.45 0.00	44.22 -1.61 0.00	47.21 -1.92 0.00	54.22 -2.43 0.00	59.64 -2.68 0.01	59.64 -2.61 0.00	58.63 -2.57 0.00	57.44 -2.52 0.00	59.87 -2.87 7.17	59.87 -2.82 6.07	55.91 -2.33 0.00	51.20 -2.14 1.41	30.87 -1.93 16.77	20.90 -1.69 19.71	20.87 -1.38 14.94
ALLEGHENY___COGEN 23514	39.43 0.96 0.00	36.16 0.60 0.00	33.52 0.26 0.00	31.68 0.22 0.00	30.50 0.15 0.00	33.24 0.30 0.00	36.01 0.36 0.00	36.31 -0.55 0.00	38.44 -1.11 0.00	40.82 -1.79 0.00	43.63 -2.20 0.00	47.01 -2.11 0.00	54.39 -2.27 0.00	59.77 -2.56 0.00	61.18 -2.99 -1.91	61.01 -2.88 -2.68	59.27 -2.46 -1.77	70.00 -2.73 -2.82	69.82 -1.58 -2.64	59.26 -0.82 -1.84	54.76 -0.22 -0.23	49.34 -0.20 0.03	42.09 -0.21 0.00	37.48 0.30 0.00
ALTAMONT_115KV_TB 2 55880	39.89 1.42 0.00	36.91 1.35 0.00	34.58 1.33 0.00	32.68 1.23 0.00	31.53 1.18 0.00	34.20 1.25 0.00	36.90 1.25 0.00	38.19 1.33 0.00	41.01 1.46 0.00	44.19 1.58 0.00	47.66 1.83 0.00	50.99 1.87 0.00	58.75 2.10 0.00	64.70 2.37 0.00	78.38 2.43 -13.69	84.13 2.33 -20.61	68.23 2.34 -5.94	65.74 2.80 6.96	65.41 2.75 6.10	79.17 2.27 -18.66	61.82 2.08 -5.00	51.45 1.88 0.00	44.00 1.69 0.00	38.56 1.38 0.00
ALTONA_WT_PWR 323606	37.66 -0.81 0.00	34.88 -0.68 0.00	32.62 -0.63 0.00	30.89 -0.57 0.00	29.96 -0.40 0.00	32.81 -0.13 0.00	36.08 0.43 0.00	37.34 0.48 0.00	40.14 0.59 0.00	42.87 0.26 0.00	46.01 0.18 0.00	48.19 -0.93 0.00	54.73 -1.93 0.00	60.14 -2.18 0.01	60.02 -2.24 0.00	58.88 -2.33 0.00	57.44 -2.52 0.00	59.51 -3.07 7.33	59.46 -3.09 6.21	55.97 -2.27 0.00	51.11 -2.19 1.44	30.79 -1.63 17.15	20.80 -1.36 20.15	20.64 -1.26 15.28
AMERICAN_REF_FUEL 24010	37.47 -1.00 0.00	34.52 -1.03 0.00	31.99 -1.26 0.00	30.33 -1.13 0.00	29.11 -1.25 0.00	31.66 -1.29 0.00	34.30 -1.35 0.00	34.50 -2.36 0.00	36.98 -2.57 0.00	39.46 -3.15 0.00	42.44 -3.39 0.00	45.34 -3.78 0.00	52.52 -4.13 0.00	57.72 -4.61 0.00	58.65 -5.29 -1.68	57.93 -5.63 -2.36	56.06 -5.46 -1.56	64.91 -7.06 -2.06	64.37 -6.67 -2.28	54.29 -5.53 -1.59	49.77 -4.98 0.00	45.22 -4.31 0.04	39.05 -3.26 0.00	35.66 -1.53 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.78 1.31 0.00	36.52 0.96 0.00	33.72 0.47 0.00	31.68 0.22 0.00	30.44 0.09 0.00	33.18 0.23 0.00	35.94 0.28 0.00	36.46 -0.40 0.00	39.15 -0.40 0.00	41.89 -0.72 0.00	45.14 -0.69 0.00	48.29 -0.84 0.00	56.09 -0.57 0.00	61.83 -0.50 0.00	62.53 -1.62 -1.89	61.78 -2.08 -2.66	59.68 -2.04 -1.76	69.11 -3.21 -2.41	68.89 -2.47 -2.60	57.95 -2.09 -1.81	52.45 -2.46 -0.17	47.85 -1.69 0.03	41.08 -1.23 0.00	37.15 -0.04 0.00
ARTHUR KILL_GT_1 23520	42.36 3.88 -0.01	39.23 3.66 -0.01	36.49 3.22 -0.01	34.33 2.86 -0.01	33.12 2.76 -0.01	35.98 3.03 -0.01	39.11 3.46 0.00	40.69 3.83 0.01	43.81 4.27 0.01	46.07 4.56 1.10	46.79 5.45 4.49	47.29 6.19 8.03	54.42 6.97 9.20	61.15 7.16 8.35	74.10 7.40 -4.44	89.54 7.40 -20.94	97.24 6.95 -30.33	101.86 7.90 -24.05	89.82 7.50 -13.56	66.22 6.06 -1.93	47.12 5.26 12.89	54.57 5.00 0.01	46.82 4.53 0.01	43.10 4.16 -1.75
ARTHUR_KILL_2 23512	42.17 3.69 -0.01	39.05 3.49 -0.01	36.35 3.09 -0.01	34.20 2.74 -0.01	33.00 2.64 -0.01	35.85 2.90 -0.01	39.00 3.35 0.00	40.54 3.69 0.01	43.65 4.11 0.01	45.90 4.39 1.10	46.56 5.22 4.49	47.04 5.94 8.03	54.14 6.68 9.20	60.84 6.86 8.35	73.79 7.09 -4.44	89.18 7.04 -20.94	96.95 6.65 -30.33	101.44 7.48 -24.05	89.47 7.15 -13.56	65.93 5.77 -1.93	46.84 4.98 12.89	54.32 4.76 0.01	46.65 4.36 0.01	42.92 3.98 -1.75
ARTHUR_KILL_3 23513	41.93 3.46 0.00	38.82 3.27 0.00	36.11 2.86 0.00	33.94 2.48 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.79 3.14 0.00	40.48 3.61 0.00	43.50 3.95 0.00	45.82 4.30 1.10	46.30 4.95 4.48	46.85 5.74 8.02	53.43 6.57 9.79	60.91 6.92 8.34	73.80 7.09 -4.45	89.31 7.16 -20.95	97.13 6.83 -30.34	101.66 7.69 -24.06	89.61 7.29 -13.57	66.12 5.94 -1.93	46.85 4.98 12.88	54.18 4.61 0.00	46.45 4.15 0.00	42.80 3.87 -1.75

ARTHUR_KILL_COGEN 323718	42.36 3.88 -0.01	39.23 3.66 -0.01	36.49 3.22 -0.01	34.33 2.86 -0.01	33.12 2.76 -0.01	35.98 3.03 -0.01	39.11 3.46 0.00	40.69 3.83 0.01	43.81 4.27 0.01	46.07 4.56 1.10	46.79 5.45 4.49	47.29 6.19 8.03	54.42 6.97 9.20	61.15 7.16 8.35	74.10 7.40 -4.44	89.54 7.40 -20.94	97.24 6.95 -30.33	101.86 7.90 -24.05	89.82 7.50 -13.56	66.22 6.06 -1.93	47.12 5.26 12.89	54.57 5.00 0.01	46.82 4.53 0.01	43.10 4.16 -1.75
ASHOKAN____ 23654	41.51 3.04 0.00	38.43 2.88 0.00	35.81 2.56 0.00	33.78 2.33 0.00	32.57 2.21 0.00	35.32 2.37 0.00	38.15 2.49 0.00	38.96 2.10 0.00	41.64 2.09 0.00	44.79 2.17 0.00	48.26 2.43 0.00	51.38 2.26 0.00	59.82 3.17 0.00	65.88 3.55 0.00	79.00 4.79 -11.95	86.42 3.43 -21.79	80.75 5.04 -15.75	67.93 6.43 8.41	51.49 6.60 23.87	73.85 4.14 -11.48	60.41 4.82 -0.84	52.99 3.42 0.00	45.43 3.13 0.00	39.72 2.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.36 3.88 -0.01	39.19 3.63 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.05 2.70 0.00	35.78 2.83 0.00	38.86 3.21 0.00	40.51 3.65 0.01	43.58 4.04 0.01	47.00 4.39 0.01	50.95 5.13 0.01	56.67 5.84 -1.70	63.21 6.57 0.01	69.06 6.73 0.01	81.19 6.97 -11.96	99.04 7.16 -30.69	121.02 6.71 -54.35	125.94 7.48 -48.54	99.37 7.22 -23.40	76.00 6.00 -11.76	65.62 4.71 -6.17	54.08 4.51 0.00	46.62 4.32 0.00	41.17 3.98 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.36 3.88 -0.01	39.19 3.63 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.05 2.70 0.00	35.78 2.83 0.00	38.86 3.21 0.00	40.51 3.65 0.01	43.58 4.04 0.01	47.00 4.39 0.01	50.95 5.13 0.01	56.67 5.84 -1.70	63.21 6.57 0.01	69.06 6.73 0.01	81.19 6.97 -11.96	99.04 7.16 -30.69	121.02 6.71 -54.35	125.94 7.48 -48.54	99.37 7.22 -23.40	76.00 6.00 -11.76	65.62 4.71 -6.17	54.08 4.51 0.00	46.62 4.32 0.00	41.17 3.98 -0.01
ASTORIA_GT2_1 24094	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT2_2 24095	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT2_3 24096	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT2_4 24097	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT3_1 24098	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT3_2 24099	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT3_3 24100	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT3_4 24101	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT4_1 24102	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT4_2 24103	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT4_3 24104	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01

ASTORIA_GT4_4 24105	42.36 3.89 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	63.05 6.40 0.00	69.12 6.79 0.00	81.26 7.03 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.01 7.55 -48.55	99.46 7.29 -23.41	76.07 6.06 -11.77	66.28 5.37 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.14 3.94 -0.01
ASTORIA_GT_1 23523	42.48 4.00 -0.01	39.30 3.73 -0.01	36.55 3.29 -0.01	34.38 2.93 0.00	33.14 2.79 0.00	35.87 2.93 0.00	39.00 3.35 0.00	40.62 3.76 0.01	43.73 4.19 0.01	47.17 4.56 0.01	51.13 5.31 0.01	56.87 6.04 -1.70	63.44 6.80 0.01	69.30 6.98 0.01	81.43 7.22 -11.96	99.29 7.40 -30.69	121.26 6.95 -54.35	126.21 7.76 -48.54	99.65 7.50 -23.40	76.23 6.23 -11.76	65.84 4.93 -6.17	54.28 4.71 0.00	46.74 4.44 0.00	41.28 4.09 -0.01
ASTORIA_GT_10 24110	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.19 5.36 0.00	56.78 5.94 -1.71	61.64 6.57 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.89 5.88 -11.77	63.14 5.09 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.25 4.05 -0.01
ASTORIA_GT_11 24225	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.19 5.36 0.00	56.78 5.94 -1.71	61.64 6.57 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.89 5.88 -11.77	63.14 5.09 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.25 4.05 -0.01
ASTORIA_GT_12 24226	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.19 5.36 0.00	56.78 5.94 -1.71	61.64 6.57 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.89 5.88 -11.77	63.14 5.09 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.25 4.05 -0.01
ASTORIA_GT_13 24227	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.19 5.36 0.00	56.78 5.94 -1.71	61.64 6.57 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.89 5.88 -11.77	63.14 5.09 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.25 4.05 -0.01
ASTORIA_GT_5 24106	42.48 4.00 -0.01	39.30 3.73 -0.01	36.55 3.29 -0.01	34.38 2.93 0.00	33.14 2.79 0.00	35.88 2.93 0.00	39.04 3.39 0.00	40.62 3.76 0.00	43.74 4.19 0.00	47.17 4.56 0.00	51.24 5.41 0.00	56.83 5.99 -1.71	63.28 6.63 0.00	69.31 6.98 0.00	81.45 7.22 -11.97	99.23 7.34 -30.69	121.20 6.90 -54.35	126.22 7.76 -48.55	99.67 7.49 -23.41	76.24 6.23 -11.77	66.45 5.53 -6.17	54.28 4.71 0.00	46.75 4.44 0.00	41.25 4.05 -0.01
ASTORIA_GT_7 24107	42.48 4.00 -0.01	39.30 3.73 -0.01	36.55 3.29 -0.01	34.38 2.93 0.00	33.14 2.79 0.00	35.88 2.93 0.00	39.04 3.39 0.00	40.62 3.76 0.00	43.74 4.19 0.00	47.17 4.56 0.00	51.24 5.41 0.00	56.83 5.99 -1.71	63.28 6.63 0.00	69.31 6.98 0.00	81.45 7.22 -11.97	99.23 7.34 -30.69	121.20 6.90 -54.35	126.22 7.76 -48.55	99.67 7.49 -23.41	76.24 6.23 -11.77	66.45 5.53 -6.17	54.28 4.71 0.00	46.75 4.44 0.00	41.25 4.05 -0.01
ASTORIA_GT_8 24108	42.48 4.00 -0.01	39.30 3.73 -0.01	36.55 3.29 -0.01	34.38 2.93 0.00	33.14 2.79 0.00	35.88 2.93 0.00	39.04 3.39 0.00	40.62 3.76 0.00	43.74 4.19 0.00	47.17 4.56 0.00	51.24 5.41 0.00	56.83 5.99 -1.71	63.28 6.63 0.00	69.31 6.98 0.00	81.45 7.22 -11.97	99.23 7.34 -30.69	121.20 6.90 -54.35	126.22 7.76 -48.55	99.67 7.49 -23.41	76.24 6.23 -11.77	66.45 5.53 -6.17	54.28 4.71 0.00	46.75 4.44 0.00	41.25 4.05 -0.01
ASTORIA___2 24149	42.36 3.88 -0.01	39.23 3.66 -0.01	36.45 3.19 -0.01	34.29 2.83 0.00	33.05 2.70 0.00	35.78 2.83 0.00	38.90 3.24 0.00	40.54 3.69 0.01	43.61 4.07 0.01	47.04 4.43 0.01	51.00 5.18 0.01	56.72 5.89 -1.70	63.21 6.57 0.01	69.12 6.79 0.01	81.25 7.03 -11.96	99.11 7.22 -30.69	121.02 6.71 -54.35	126.01 7.55 -48.54	99.44 7.29 -23.40	76.05 6.06 -11.76	65.67 4.76 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.17 3.98 -0.01
ASTORIA___3 23516	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.04 3.39 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.14 5.31 0.00	56.83 5.99 -1.71	61.80 6.74 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.04 7.16 -30.69	121.08 6.77 -54.35	126.07 7.62 -48.54	99.37 7.22 -23.40	75.88 5.88 -11.76	62.91 4.87 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.32 4.13 -0.01
ASTORIA___4 23517	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.19 5.36 0.00	56.78 5.94 -1.71	61.64 6.57 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.02 6.72 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.89 5.88 -11.77	63.14 5.09 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.25 4.05 -0.01
ASTORIA___5 23518	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.04 3.39 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.14 5.31 0.00	56.83 5.99 -1.71	61.80 6.74 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.04 7.16 -30.69	121.08 6.77 -54.35	126.07 7.62 -48.54	99.37 7.22 -23.40	75.88 5.88 -11.76	62.91 4.87 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.32 4.13 -0.01
AST_ENERGY_2_CC3 323677	42.05 3.58 0.00	38.90 3.34 0.00	36.18 2.93 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.89 3.24 0.01	40.53 3.69 0.02	43.57 4.04 0.02	47.07 4.47 0.02	50.94 5.13 0.02	56.76 5.94 -1.70	63.43 6.80 0.02	69.48 7.16 0.02	81.55 7.34 -11.95	99.28 7.40 -30.68	121.37 7.07 -54.34	126.41 7.97 -48.53	99.71 7.56 -23.39	76.16 6.17 -11.75	66.11 5.20 -6.16	54.32 4.76 0.01	46.53 4.23 0.01	41.09 3.90 0.00
AST_ENERGY_2_CC4 323678	42.05 3.58 0.00	38.90 3.34 0.00	36.18 2.93 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.89 3.24 0.01	40.53 3.69 0.02	43.57 4.04 0.02	47.07 4.47 0.02	50.94 5.13 0.02	56.76 5.94 -1.70	63.43 6.80 0.02	69.48 7.16 0.02	81.55 7.34 -11.95	99.28 7.40 -30.68	121.37 7.07 -54.34	126.41 7.97 -48.53	99.71 7.56 -23.39	76.16 6.17 -11.75	66.11 5.20 -6.16	54.32 4.76 0.01	46.53 4.23 0.01	41.09 3.90 0.00

ATHENS_STG_1 23668	40.20 1.73 0.00	37.23 1.67 0.00	34.85 1.60 0.00	32.94 1.48 0.00	31.78 1.43 0.00	34.49 1.55 0.00	37.22 1.57 0.00	38.56 1.70 0.00	41.41 1.86 0.00	44.70 2.09 0.00	48.26 2.43 0.00	51.92 2.80 0.00	59.88 3.23 0.00	65.82 3.49 0.00	78.91 3.61 -13.04	75.32 3.55 -10.57	52.55 3.42 10.82	80.32 3.84 -6.57	87.76 3.71 -15.29	71.97 3.08 -10.65	62.42 2.74 -4.93	52.00 2.43 0.00	44.38 2.07 0.00	39.01 1.82 0.00
ATHENS_STG_2 23670	40.20 1.73 0.00	37.23 1.67 0.00	34.85 1.60 0.00	32.94 1.48 0.00	31.78 1.43 0.00	34.49 1.55 0.00	37.22 1.57 0.00	38.56 1.70 0.00	41.41 1.86 0.00	44.70 2.09 0.00	48.26 2.43 0.00	51.92 2.80 0.00	59.88 3.23 0.00	65.82 3.49 0.00	78.91 3.61 -13.04	75.32 3.55 -10.57	52.55 3.42 10.82	80.32 3.84 -6.57	87.76 3.71 -15.29	71.97 3.08 -10.65	62.42 2.74 -4.93	52.00 2.43 0.00	44.38 2.07 0.00	39.01 1.82 0.00
ATHENS_STG_3 23677	40.20 1.73 0.00	37.23 1.67 0.00	34.85 1.60 0.00	32.94 1.48 0.00	31.78 1.43 0.00	34.49 1.55 0.00	37.22 1.57 0.00	38.56 1.70 0.00	41.41 1.86 0.00	44.70 2.09 0.00	48.26 2.43 0.00	51.92 2.80 0.00	59.88 3.23 0.00	65.82 3.49 0.00	78.91 3.61 -13.04	75.32 3.55 -10.57	52.55 3.42 10.82	80.32 3.84 -6.57	87.76 3.71 -15.29	71.97 3.08 -10.65	62.42 2.74 -4.93	52.00 2.43 0.00	44.38 2.07 0.00	39.01 1.82 0.00
AUBURN___LFGE 323710	39.49 0.46 -0.55	36.19 0.36 -0.28	33.31 0.20 0.15	31.55 0.22 0.12	30.42 0.18 0.11	33.15 0.20 0.00	35.97 0.32 0.00	37.12 0.26 0.00	39.98 0.32 -0.11	43.34 0.34 -0.39	46.01 0.18 0.00	49.42 0.29 0.00	57.11 0.45 0.00	63.02 0.69 0.00	64.13 0.50 -1.38	63.57 0.43 -1.94	61.60 0.36 -1.28	75.27 0.56 -4.80	72.17 0.76 -2.66	60.51 0.64 -1.63	57.26 0.77 -1.75	51.99 0.55 -1.87	43.93 0.47 -1.16	38.63 0.56 -0.88
BABYLON_RES_REC 323704	42.05 3.58 0.00	40.25 3.70 -1.00	39.80 3.29 -3.25	39.11 2.96 -4.70	39.11 2.85 -5.91	39.51 3.13 -3.43	39.71 3.64 -0.42	40.66 3.80 0.00	43.38 3.84 0.00	46.62 4.00 0.00	51.01 5.18 -11.26	66.33 5.94 -4.90	68.40 6.85 -9.34	79.27 7.60 -21.82	91.73 7.66 -41.20	109.99 7.59 -65.96	133.36 7.43 -58.36	136.94 8.67 -35.89	112.83 8.18 -21.58	86.80 6.99 -12.44	73.15 5.97 -5.04	59.71 5.11 -2.81	49.43 4.32 -2.81	40.94 3.75 0.00
BABYLON__69_KV_BK2 356345	42.97 4.50 0.00	41.10 4.55 -1.00	40.56 4.06 -3.25	39.80 3.65 -4.70	39.78 3.52 -5.91	40.23 3.85 -3.43	40.53 4.46 -0.42	41.51 4.64 0.00	44.25 4.71 0.00	47.60 4.99 0.00	52.29 6.46 -20.85	77.15 7.17 -15.18	79.94 9.29 -19.11	90.72 9.12 -42.51	114.04 9.28 -63.31	133.63 8.93 -90.39	159.29 10.49 -79.02	159.42 10.18 -62.14	141.08 8.62 -33.01	99.87 7.45 -22.80	84.99 6.39 -15.61	71.58 5.50 -7.54	55.34 4.54 0.00	41.72 0.00
BALL_HILL_WT_PWR 323825	39.01 0.54 0.00	35.87 0.32 0.00	33.25 0.00 0.00	31.39 -0.06 0.00	30.17 -0.18 0.00	32.85 -0.10 0.00	35.65 0.00 0.00	36.09 -0.78 0.00	38.72 -0.83 0.00	41.38 -1.24 0.00	44.59 -1.24 0.00	47.70 -1.43 0.00	55.35 -1.30 0.00	60.96 -1.37 0.00	61.61 -2.49 -1.84	60.91 -2.88 -2.59	58.85 -2.82 -1.71	68.25 -3.98 -2.32	68.05 -3.23 -2.52	57.32 -2.68 -1.76	51.97 -2.90 -0.13	47.41 -2.13 0.03	40.78 -1.52 0.00	36.96 -0.22 0.00
BARON_WINDS___WT_PWR 323822	39.49 0.89 -0.14	36.33 0.67 -0.10	33.68 0.43 0.00	31.87 0.41 0.00	30.65 0.30 0.00	33.37 0.43 0.00	36.19 0.54 0.00	36.94 0.07 0.00	39.66 0.08 -0.03	42.58 -0.13 -0.10	45.65 -0.18 0.00	48.93 -0.20 0.00	56.65 0.00 0.00	62.45 0.12 0.00	64.07 -0.68 -2.50	63.79 -0.92 -3.50	61.38 -0.90 -2.32	72.69 -1.47 -4.25	72.05 -0.90 -4.19	60.40 -0.70 -2.86	55.01 -0.88 -1.14	49.47 -0.54 -0.45	42.25 -0.34 -0.29	37.70 0.30 -0.22
BARRETT_IC_1 23704	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_10 23701	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_11 23702	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_12 23703	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_2 23705	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_3 23706	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_4 23707	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01

BARRETT_IC_5 23708	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_6 23709	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_7 23710	42.24 3.77 0.00	40.28 3.73 -1.00	39.83 3.33 -3.25	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.78 3.71 -0.42	40.70 3.83 0.00	43.54 3.99 0.00	46.83 4.22 0.00	51.33 5.50 0.00	61.96 6.14 -6.69	63.39 6.74 0.00	74.28 7.29 -4.66	81.57 7.35 -11.96	99.10 7.22 -30.68	121.31 7.02 -54.33	126.56 8.11 -48.54	99.94 7.77 -23.41	82.09 6.41 -17.45	69.55 5.64 -9.16	54.58 5.01 0.00	46.87 4.57 0.00	41.09 3.90 0.00
BARRETT_IC_8 23711	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT_IC_9 23700	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT___1 23545	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BARRETT___2 23546	42.25 3.77 -0.01	40.29 3.73 -1.00	39.84 3.32 -3.26	39.14 2.99 -4.70	39.14 2.88 -5.91	39.54 3.16 -3.43	39.75 3.67 -0.42	40.70 3.83 -0.01	43.54 3.99 0.00	46.83 4.22 0.00	51.29 5.45 -0.01	62.06 6.24 -6.69	63.56 6.91 0.00	74.28 7.29 -4.66	81.55 7.34 -11.96	99.15 7.28 -30.67	121.35 7.07 -54.32	126.54 8.11 -48.52	99.78 7.63 -23.39	82.07 6.41 -17.43	69.54 5.64 -9.16	54.57 5.00 0.00	46.88 4.57 -0.01	41.18 3.98 -0.01
BATAVIA__115KV_TB1 55881	39.09 0.62 0.00	35.87 0.32 0.00	33.25 0.00 0.00	31.46 0.00 0.00	30.23 -0.12 0.00	32.91 -0.03 0.00	35.69 0.04 0.00	36.20 -0.66 0.00	38.76 -0.79 0.00	41.33 -1.28 0.00	44.27 -1.56 0.00	47.50 -1.62 0.00	55.12 -1.53 0.00	60.77 -1.56 0.00	61.57 -2.24 -1.55	60.63 -2.75 -2.18	58.70 -2.70 -1.44	68.55 -3.43 -2.07	67.78 -3.03 -2.05	57.16 -2.50 -1.43	52.63 -2.03 0.09	47.80 -1.73 0.04	40.99 -1.31 0.00	37.41 0.22 0.00
BAYONEEC___CTG1 323682	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG10 323750	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG2 323683	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG3 323684	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG4 323685	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG5 323686	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG6 323687	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00

BAYONEEC___CTG7 323688	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG8 323689	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BAYONEEC___CTG9 323749	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.00 5.18 0.00	47.18 5.99 7.93	53.43 6.80 10.02	61.16 7.16 8.34	74.11 7.40 -4.45	89.61 7.46 -20.95	97.43 7.13 -30.34	102.00 8.04 -24.06	89.94 7.56 -13.62	66.45 6.17 -2.04	47.18 5.26 12.82	54.38 4.81 0.00	46.57 4.27 0.00	41.13 3.94 0.00
BEACON___LESR 323632	40.24 1.77 0.00	37.23 1.67 0.00	34.78 1.53 0.00	32.81 1.35 0.00	31.65 1.30 0.00	34.36 1.42 0.00	37.15 1.50 0.00	38.45 1.58 0.00	41.37 1.82 0.00	44.62 2.00 0.00	48.12 2.29 0.00	51.38 2.26 0.00	59.20 2.55 0.00	65.14 2.81 0.00	76.64 2.80 -11.58	84.39 2.69 -20.50	51.45 2.70 11.21	0.32 3.42 73.02	-19.74 3.44 91.94	71.23 2.80 -10.19	50.22 2.57 7.10	51.85 2.28 0.00	44.38 2.07 0.00	38.86 1.67 0.00
BEAVER RIVER___HYD 24048	38.55 -0.27 -0.35	33.26 -0.32 1.97	29.89 -0.47 2.90	28.65 -0.38 2.43	27.85 -0.33 2.17	32.62 -0.33 0.00	35.55 -0.11 0.00	36.83 -0.04 0.00	39.46 -0.16 -0.07	42.69 -0.17 -0.24	45.46 -0.37 0.00	48.24 -0.88 0.00	55.69 -0.96 0.00	61.27 -1.06 0.00	61.54 -1.12 -0.40	60.54 -1.22 -0.56	59.37 -0.96 -0.37	69.35 -0.84 -0.27	68.09 -0.62 0.05	59.10 -0.17 -1.03	55.54 0.00 -0.80	46.16 0.20 3.61	37.31 -0.08 4.91	33.25 -0.22 3.72
BEEBEE_GT_13 23619	38.59 0.12 0.00	35.48 -0.07 0.00	32.99 -0.27 0.00	31.17 -0.28 0.00	30.02 -0.33 0.00	32.65 -0.30 0.00	35.37 -0.29 0.00	36.16 -0.70 0.00	38.80 -0.75 0.00	41.68 -0.94 0.00	44.68 -1.15 0.00	47.94 -1.18 0.00	55.58 -1.08 0.00	61.21 -1.12 0.00	62.21 -1.37 -1.33	61.35 -1.71 -1.86	59.51 -1.68 -1.23	69.91 -2.10 -2.10	66.63 -2.13 0.00	56.49 -1.75 0.00	52.79 -1.15 0.81	48.34 -1.19 0.04	41.33 -0.97 0.00	37.11 -0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.79 4.31 -0.01	39.58 4.02 -0.01	36.75 3.49 -0.01	34.58 3.11 -0.01	33.33 2.97 -0.01	36.18 3.23 -0.01	39.50 3.85 0.00	41.14 4.28 0.00	44.29 4.75 0.00	47.73 5.11 0.00	51.98 6.10 -0.06	79.32 6.73 -23.46	72.98 7.48 -8.85	78.77 7.92 -8.52	82.37 8.09 -12.02	99.90 8.02 -30.69	121.86 7.55 -54.35	127.06 8.60 -48.55	100.36 8.18 -23.41	76.65 6.64 -11.77	75.64 5.97 -14.92	75.83 5.50 -20.76	47.30 4.99 0.00	45.14 4.54 -3.42
BETHLEHEM___GRP 23843	39.43 0.96 0.00	36.51 0.96 0.00	34.18 0.93 0.00	32.28 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.20 1.37 0.00	50.40 1.28 0.00	58.07 1.42 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.51 1.62 1.06	38.00 2.03 33.94	32.65 2.06 38.17	77.16 1.63 -17.29	57.25 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.12 0.93 0.00
BETHLEHEM___GS1 323560	39.43 0.96 0.00	36.52 0.96 0.00	34.18 0.93 0.00	32.27 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.16 1.33 0.00	50.45 1.33 0.00	58.18 1.53 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.57 1.68 1.06	37.99 2.03 33.95	32.63 2.06 38.19	77.14 1.63 -17.28	57.24 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.15 0.97 0.00
BETHLEHEM___GS2 323561	39.43 0.96 0.00	36.52 0.96 0.00	34.18 0.93 0.00	32.27 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.16 1.33 0.00	50.45 1.33 0.00	58.18 1.53 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.57 1.68 1.06	37.99 2.03 33.95	32.63 2.06 38.19	77.14 1.63 -17.28	57.24 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.15 0.97 0.00
BETHLEHEM___GS3 323562	39.43 0.96 0.00	36.52 0.96 0.00	34.18 0.93 0.00	32.27 0.82 0.00	31.14 0.79 0.00	33.77 0.82 0.00	36.44 0.78 0.00	37.75 0.88 0.00	40.54 0.99 0.00	43.72 1.11 0.00	47.16 1.33 0.00	50.45 1.33 0.00	58.18 1.53 0.00	64.01 1.68 0.00	76.84 1.74 -12.84	83.39 1.65 -20.53	60.57 1.68 1.06	37.99 2.03 33.95	32.63 2.06 38.19	77.14 1.63 -17.28	57.24 1.48 -1.02	50.86 1.29 0.00	43.53 1.23 0.00	38.15 0.97 0.00
BETHLEHEM___STEEL 23779	38.74 0.27 0.00	35.63 0.07 0.00	33.05 -0.20 0.00	31.24 -0.22 0.00	30.02 -0.33 0.00	32.68 -0.26 0.00	35.44 -0.21 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.04 -1.58 0.00	43.95 -1.88 0.00	47.21 -1.92 0.00	54.78 -1.87 0.00	60.40 -1.93 0.00	61.08 -2.99 -1.81	60.14 -3.61 -2.55	57.99 -3.66 -1.68	67.56 -4.61 -2.26	67.29 -3.92 -2.45	56.74 -3.20 -1.70	51.61 -3.23 -0.10	47.01 -2.53 0.03	40.48 -1.82 0.00	36.96 -0.22 0.00
BETHLHEM_115KV_TB1 79974	39.55 1.08 0.00	36.59 1.03 0.00	34.25 1.00 0.00	32.37 0.91 0.00	31.23 0.88 0.00	33.87 0.92 0.00	36.54 0.89 0.00	37.82 0.96 0.00	40.65 1.11 0.00	43.85 1.24 0.00	47.29 1.47 0.00	50.55 1.42 0.00	58.24 1.59 0.00	64.14 1.81 0.00	77.07 1.87 -12.94	83.50 1.77 -20.52	61.61 1.80 0.15	41.67 2.17 30.40	36.42 2.20 34.54	77.04 1.75 -17.06	57.69 1.59 -1.36	50.96 1.39 0.00	43.61 1.31 0.00	38.19 1.00 0.00
BETHPAGE_CC_5 323564	42.20 3.73 0.00	40.32 3.77 -1.00	39.90 3.39 -3.25	39.20 3.05 -4.70	39.20 2.94 -5.91	39.57 3.19 -3.43	39.78 3.71 -0.42	40.77 3.91 0.00	43.58 4.04 0.00	46.83 4.22 0.00	51.28 5.45 0.00	63.41 6.29 -8.00	65.30 7.25 -1.40	76.41 8.04 -6.03	85.12 8.09 -14.78	102.84 7.95 -33.68	125.35 7.74 -57.65	130.20 8.95 -51.34	104.18 8.46 -26.96	84.23 7.16 -18.83	71.19 6.08 -10.37	56.31 5.31 -1.44	48.39 4.53 -1.56	41.13 3.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.82 0.35 0.00	35.73 0.18 0.00	33.12 -0.13 0.00	31.30 -0.16 0.00	30.08 -0.27 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	35.98 -0.88 0.00	38.56 -0.99 0.00	41.21 -1.41 0.00	44.13 -1.70 0.00	47.40 -1.72 0.00	55.01 -1.64 0.00	60.71 -1.62 0.00	61.23 -2.86 -1.84	60.29 -3.49 -2.58	58.13 -3.54 -1.71	67.74 -4.47 -2.30	67.60 -3.64 -2.48	57.00 -2.97 -1.73	51.69 -3.18 -0.12	47.16 -2.38 0.03	40.61 -1.69 0.00	37.07 -0.11 0.00

BINGHAMTON___COGEN 23790	39.73 1.00 -0.26	36.60 0.85 -0.19	33.98 0.73 0.00	32.15 0.69 0.00	30.99 0.64 0.00	33.67 0.72 0.00	36.51 0.86 0.00	37.60 0.74 0.00	40.43 0.83 -0.05	43.69 0.89 -0.18	46.70 0.87 0.00	50.11 0.98 0.00	57.90 1.25 0.00	63.83 1.50 0.00	67.15 1.18 -3.71	68.02 0.98 -5.84	66.23 0.96 -5.31	78.92 1.05 -7.96	76.86 1.24 -6.87	64.02 1.11 -4.68	58.24 0.99 -2.51	51.39 0.94 -0.88	43.70 0.85 -0.55	38.53 0.93 -0.42
BIXINCNT_115KV_LOAD 355685	39.09 0.62 0.00	36.02 0.46 0.00	33.39 0.13 0.00	31.55 0.09 0.00	30.29 -0.06 0.00	33.01 0.07 0.00	35.83 0.18 0.00	36.46 -0.41 0.00	38.95 -0.59 0.00	41.51 -1.11 0.00	44.54 -1.28 0.00	47.80 -1.33 0.00	55.29 -1.36 0.00	60.83 -1.50 0.00	61.15 -3.05 -1.95	60.08 -3.86 -2.73	57.69 -4.08 -1.81	67.38 -5.03 -2.50	67.56 -3.85 -2.65	57.11 -2.97 -1.85	51.45 -3.50 -0.20	47.06 -2.48 0.03	40.48 -1.82 0.00	36.89 -0.30 0.00
BLACK RIVER___HYD 24047	39.11 0.04 -0.60	34.39 -0.04 1.13	31.00 -0.23 2.02	29.64 -0.13 1.70	28.72 -0.12 1.51	32.85 -0.10 -0.01	35.83 0.18 0.00	37.09 0.22 0.00	39.75 0.08 -0.12	43.16 0.13 -0.42	45.69 -0.14 0.00	48.44 -0.69 0.00	55.98 -0.68 0.00	61.52 -0.81 0.00	61.88 -0.93 -0.55	60.88 -1.10 -0.78	59.63 -0.84 -0.51	71.69 -0.56 -2.34	70.23 -0.21 -1.67	60.35 0.35 -1.76	57.23 0.55 -1.93	49.09 0.79 1.27	40.00 0.34 2.64	35.30 0.11 2.00
BLACKRVR_115KV_TB2 79977	39.11 0.04 -0.60	34.39 -0.04 1.13	31.00 -0.23 2.02	29.64 -0.13 1.70	28.72 -0.12 1.51	32.85 -0.10 -0.01	35.83 0.18 0.00	37.08 0.22 0.00	39.75 0.08 -0.12	43.16 0.13 -0.42	45.64 -0.18 0.00	48.44 -0.69 0.00	55.97 -0.68 0.00	61.52 -0.81 0.00	61.87 -0.93 -0.55	60.87 -1.10 -0.78	59.63 -0.84 -0.51	71.68 -0.56 -2.33	70.16 -0.28 -1.67	60.29 0.29 -1.76	57.17 0.49 -1.94	49.09 0.79 1.27	40.00 0.34 2.64	35.34 0.15 2.00
BLISS_WT_PWR 323608	39.05 0.58 0.00	35.98 0.43 0.00	33.35 0.10 0.00	31.52 0.06 0.00	30.23 -0.12 0.00	32.94 0.00 0.00	35.80 0.14 0.00	36.42 -0.44 0.00	38.91 -0.63 0.00	41.46 -1.15 0.00	44.73 -1.10 0.00	47.85 -1.28 0.00	55.29 -1.36 0.00	60.58 -1.74 0.00	60.90 -3.30 -1.95	60.08 -3.85 -2.73	57.69 -4.08 -1.81	67.18 -5.24 -2.52	67.32 -4.12 -2.68	56.96 -3.15 -1.87	51.18 -3.78 -0.21	46.91 -2.63 0.03	40.32 -1.99 0.00	36.63 -0.56 0.00
BLUESTONE___WT_PWR 323821	41.62 2.92 -0.22	38.31 2.59 -0.16	35.52 2.26 0.00	33.66 2.20 0.00	32.42 2.06 0.00	35.25 2.31 0.00	38.40 2.75 0.00	40.48 3.61 0.00	43.38 3.80 -0.04	47.17 4.43 -0.13	50.37 4.54 0.00	53.10 3.98 0.00	61.35 4.70 0.00	67.50 5.17 0.00	71.31 4.73 -4.32	72.62 4.59 -6.83	70.96 4.74 -6.27	82.83 4.61 -8.31	82.62 4.68 -9.18	68.74 4.20 -6.30	61.86 3.89 -3.23	54.14 3.82 -0.75	45.82 3.05 -0.47	40.14 2.60 -0.36
BLUE_CIRC_CHEM_DRP 24182	39.89 1.42 0.00	36.94 1.39 0.00	34.58 1.33 0.00	32.68 1.23 0.00	31.53 1.18 0.00	34.20 1.25 0.00	36.90 1.25 0.00	38.15 1.29 0.00	40.97 1.42 0.00	44.15 1.53 0.00	47.57 1.74 0.00	50.74 1.62 0.00	58.07 1.42 0.00	63.95 1.62 0.00	77.25 1.68 -13.32	82.20 1.59 -19.40	64.88 1.62 -3.30	54.87 1.96 17.00	48.50 1.93 22.18	75.05 1.63 -15.19	58.38 1.48 -2.16	50.86 1.29 0.00	43.95 1.65 0.00	38.52 1.34 0.00
BOC_GAS_DRP 24189	39.70 1.23 0.00	36.73 1.17 0.00	34.42 1.16 0.00	32.56 1.10 0.00	31.38 1.03 0.00	34.06 1.12 0.00	36.76 1.11 0.00	38.04 1.18 0.00	40.81 1.27 0.00	44.02 1.41 0.00	47.48 1.65 0.00	50.79 1.67 0.00	58.52 1.87 0.00	64.45 2.12 0.00	77.95 2.18 -13.52	83.16 2.08 -19.88	65.00 2.04 -3.00	60.41 2.38 11.88	56.73 2.34 14.37	75.93 1.92 -15.77	59.70 1.75 -3.20	51.11 1.54 0.00	43.78 1.48 0.00	38.38 1.19 0.00
BOONVILLE_115KV_TB1 79983	39.52 0.88 -0.16	35.61 0.78 0.72	32.76 0.60 1.09	31.17 0.63 0.92	30.11 0.58 0.82	33.60 0.66 0.00	36.54 0.89 0.00	37.89 1.03 0.00	40.65 1.07 -0.03	44.00 1.28 -0.11	47.07 1.24 0.00	50.01 0.88 0.00	57.73 1.08 0.00	63.51 1.18 0.00	63.73 1.12 -0.35	62.74 1.04 -0.50	61.49 1.20 -0.33	72.34 1.61 -0.82	70.76 1.65 -0.35	60.29 1.57 -0.48	56.73 1.53 -0.45	50.51 1.59 0.64	42.42 1.18 1.06	37.31 0.93 0.81
BORALEX_4TH_BRANCH 23824	40.74 2.27 0.00	37.76 2.20 0.00	35.31 2.06 0.00	33.41 1.95 0.00	32.20 1.85 0.00	34.92 1.98 0.00	37.58 1.93 0.00	39.00 2.14 0.00	41.84 2.29 0.00	45.08 2.47 0.00	48.62 2.80 0.00	52.27 3.14 0.00	60.28 3.63 0.00	66.69 4.36 0.00	82.50 4.54 -15.70	88.06 4.22 -22.64	93.62 4.32 -29.34	137.26 5.17 -62.18	174.32 5.23 -100.33	104.41 4.25 -41.92	82.62 4.00 -23.88	52.99 3.42 0.00	45.01 2.71 0.00	39.31 2.12 0.00
BOWLINE___1 23526	41.55 3.08 0.00	38.43 2.88 0.00	35.81 2.56 0.00	33.75 2.30 0.00	32.57 2.21 0.00	35.35 2.40 0.00	38.43 2.78 0.00	39.92 3.06 0.00	42.91 3.36 0.00	46.36 3.75 0.00	50.18 4.36 0.00	54.23 5.11 0.00	62.60 5.95 0.00	68.75 6.42 0.00	80.36 6.54 -11.57	96.70 6.55 -28.94	116.62 6.35 -50.31	122.51 7.20 -45.39	97.81 6.81 -22.24	75.21 5.65 -11.32	65.42 4.76 -5.91	53.83 4.26 0.00	45.98 3.68 0.00	40.46 3.27 0.00
BOWLINE___2 23595	41.55 3.08 0.00	38.43 2.88 0.00	35.81 2.56 0.00	33.75 2.30 0.00	32.57 2.21 0.00	35.35 2.40 0.00	38.43 2.78 0.00	39.92 3.06 0.00	42.91 3.36 0.00	46.36 3.75 0.00	50.18 4.36 0.00	54.23 5.11 0.00	62.60 5.95 0.00	68.75 6.42 0.00	80.36 6.54 -11.57	96.70 6.55 -28.95	116.63 6.35 -50.32	122.52 7.20 -45.40	97.81 6.81 -22.24	75.21 5.65 -11.32	65.42 4.76 -5.91	53.83 4.26 0.00	45.98 3.68 0.00	40.46 3.27 0.00
BRADY___115KV_TB2 356060	37.16 -1.31 0.00	26.58 -1.24 7.73	22.00 -1.20 10.06	21.90 -1.13 8.42	21.80 -1.03 7.52	31.86 -1.09 0.00	34.65 -1.00 0.00	35.87 -1.00 0.00	38.40 -1.15 0.00	41.16 -1.45 0.00	44.18 -1.65 0.00	47.16 -1.96 0.00	54.27 -2.38 0.00	59.27 -3.05 0.01	59.33 -2.93 0.00	58.63 -2.57 0.00	57.50 -2.46 0.00	60.03 -3.15 6.74	60.03 -3.03 5.71	55.91 -2.33 0.00	51.29 -2.14 1.33	32.02 -1.78 15.76	22.21 -1.57 18.53	21.80 -1.34 14.05
BRANSCOMB___SOLAR 323811	41.09 2.62 0.00	38.01 2.45 0.00	35.48 2.23 0.00	33.47 2.02 0.00	32.29 1.94 0.00	35.05 2.11 0.00	37.86 2.21 0.00	39.15 2.29 0.00	42.12 2.57 0.00	45.38 2.77 0.00	48.76 2.94 0.00	52.32 3.19 0.00	60.39 3.74 0.00	66.26 3.93 0.00	81.91 3.74 -15.91	85.89 3.61 -21.08	85.01 3.72 -21.33	126.10 4.61 -51.58	176.15 4.95 -102.44	111.80 4.37 -49.19	85.23 4.16 -26.32	53.33 3.77 0.00	45.35 3.05 0.00	39.68 2.49 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	42.55 4.08 0.00	40.82 4.27 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.00 3.62 -3.43	40.28 4.21 -0.42	41.25 4.39 0.00	43.86 4.31 0.00	47.17 4.56 0.00	51.79 5.96 0.00	76.56 6.39 -21.05	79.25 7.19 -15.40	89.86 8.23 -19.30	113.49 8.28 -42.95	133.12 8.14 -63.78	158.84 7.97 -90.91	158.67 9.30 -79.46	140.53 9.08 -62.69	96.38 7.69 -30.45	80.82 6.62 -19.45	70.96 5.55 -15.84	66.48 5.08 -19.10	41.31 4.13 0.00

BRISTLHL_115KV_TB1 79998	39.38 -0.42 -1.33	35.85 -0.46 -0.75	32.53 -0.47 0.26	30.80 -0.44 0.22	29.70 -0.46 0.20	32.46 -0.49 -0.01	35.19 -0.46 0.00	36.35 -0.52 0.00	39.23 -0.59 -0.27	42.90 -0.64 -0.92	44.91 -0.92 0.00	48.19 -0.93 0.00	55.63 -1.02 0.00	61.39 -0.93 0.00	62.05 -1.06 -0.85	61.29 -1.10 -0.79	59.67 -1.08 -0.79	76.60 -1.05 -7.74	74.18 -0.96 -6.38	61.34 -0.82 -3.92	59.42 -0.49 -5.17	53.57 -0.55 -4.55	44.62 -0.47 -2.78	38.97 -0.33 -2.12
BROOKHAVEN___DRP 24191	42.47 4.00 0.00	40.68 4.12 -1.00	40.20 3.69 -3.25	39.46 3.30 -4.70	39.44 3.19 -5.91	39.87 3.49 -3.43	40.14 4.06 -0.42	41.14 4.28 0.00	43.74 4.19 0.00	47.00 4.39 0.00	51.89 6.05 -0.01	130.48 6.78 -74.58	137.09 7.65 -72.79	144.87 8.73 -73.81	229.47 8.78 -158.44	256.99 8.63 -187.16	295.54 8.33 -227.24	274.31 9.72 -194.68	287.34 9.49 -209.09	160.04 8.10 -93.71	138.33 6.95 -76.63	130.34 5.90 -74.87	53.02 4.95 -5.76	41.13 3.94 0.00
BROOKLYN_NAVY_YARD 23515	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	38.97 3.32 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.17 4.56 0.00	51.10 5.27 0.00	56.98 6.14 -1.71	63.62 6.97 0.00	69.68 7.35 0.00	81.75 7.53 -11.97	99.54 7.65 -30.69	121.62 7.31 -54.35	126.70 8.25 -48.55	100.00 7.84 -23.40	76.35 6.35 -11.77	66.34 5.42 -6.17	54.48 4.91 0.00	46.66 4.36 0.00	41.20 4.02 0.00
BROOKLYN___ARMY_DRP 323595	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
BROOKVLE_69_KV_TB1 55790	42.78 4.31 0.00	40.75 4.20 -1.00	40.23 3.72 -3.25	39.52 3.37 -4.70	39.47 3.22 -5.91	39.90 3.53 -3.43	40.18 4.10 -0.42	41.32 4.46 0.00	44.17 4.63 0.00	47.64 5.03 0.00	52.01 6.19 0.00	62.84 7.02 -6.69	64.58 7.93 0.00	76.21 9.04 -4.84	83.31 9.09 -11.96	100.75 8.87 -30.68	122.92 8.63 -54.33	128.38 9.93 -48.54	101.66 9.49 -23.41	83.49 7.80 -17.45	70.64 6.73 -9.16	55.47 5.90 0.00	47.34 5.03 0.00	41.65 4.46 0.00
BROOME_2_LFGE 323671	39.73 1.00 -0.26	36.59 0.85 -0.19	33.98 0.73 0.00	32.15 0.69 0.00	30.99 0.64 0.00	33.67 0.72 0.00	36.51 0.85 0.00	37.60 0.74 0.00	40.43 0.83 -0.05	43.69 0.90 -0.18	46.74 0.92 0.00	50.16 1.03 0.00	57.96 1.30 0.00	63.82 1.49 0.00	67.14 1.18 -3.71	68.14 1.10 -5.84	66.28 1.02 -5.31	78.87 1.05 -7.91	76.78 1.24 -6.78	63.96 1.10 -4.62	58.16 0.93 -2.48	51.39 0.94 -0.88	43.65 0.80 -0.55	38.49 0.89 -0.42
BROOME___LFGE 323600	39.73 1.00 -0.26	36.59 0.85 -0.19	33.98 0.73 0.00	32.15 0.69 0.00	30.99 0.64 0.00	33.67 0.72 0.00	36.51 0.85 0.00	37.60 0.74 0.00	40.43 0.83 -0.05	43.69 0.90 -0.18	46.74 0.92 0.00	50.16 1.03 0.00	57.96 1.30 0.00	63.82 1.49 0.00	67.14 1.18 -3.71	68.14 1.10 -5.84	66.28 1.02 -5.31	78.87 1.05 -7.91	76.78 1.24 -6.78	63.96 1.10 -4.62	58.16 0.93 -2.48	51.39 0.94 -0.88	43.65 0.80 -0.55	38.49 0.89 -0.42
BROWNFLS_115KV_TB_3_5 80003	37.40 -1.31 -0.24	30.48 -1.24 3.83	26.78 -1.26 5.21	25.93 -1.16 4.36	25.39 -1.06 3.89	31.79 -1.15 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.53 -1.07 -0.05	41.55 -1.24 -0.17	44.36 -1.47 0.00	47.21 -1.92 0.00	54.39 -2.27 0.00	59.65 -2.68 0.00	59.80 -2.74 -0.28	59.02 -2.57 -0.39	57.88 -2.34 -0.26	64.87 -2.73 2.32	63.99 -2.61 2.16	57.02 -1.92 -0.71	53.10 -1.70 -0.05	39.90 -1.34 8.33	30.74 -1.31 10.25	28.19 -1.23 7.77
BROWNSV1_27_KV_LOAD 356125	42.55 4.08 0.00	39.39 3.84 0.00	36.58 3.33 0.00	34.41 2.96 0.00	33.20 2.85 0.00	36.04 3.10 0.00	39.40 3.74 0.00	41.03 4.17 0.00	44.13 4.59 0.00	47.68 5.07 0.00	51.74 5.91 0.00	57.52 6.68 -1.71	64.19 7.53 0.00	70.43 8.10 0.00	82.57 8.34 -11.97	100.21 8.32 -30.69	122.28 7.97 -54.35	127.56 9.09 -48.56	100.85 8.66 -23.42	77.12 7.11 -11.78	67.00 6.08 -6.18	55.07 5.50 0.00	47.13 4.82 0.00	41.57 4.39 0.00
BURROWS___LYONSDAL 23803	39.36 0.69 -0.20	35.15 0.57 0.97	32.20 0.40 1.45	30.68 0.44 1.21	29.66 0.39 1.08	33.41 0.46 0.00	36.36 0.71 0.00	37.67 0.81 0.00	40.42 0.83 -0.04	43.77 1.02 -0.14	46.74 0.92 0.00	49.66 0.54 0.00	57.33 0.68 0.00	63.08 0.75 0.00	63.30 0.68 -0.36	62.26 0.55 -0.51	61.08 0.78 -0.34	71.74 1.12 -0.71	70.20 1.17 -0.27	60.05 1.22 -0.59	56.53 1.26 -0.52	49.68 1.34 1.23	41.46 0.97 1.82	36.52 0.71 1.38
CAITHNESS_CC_1 323624	42.35 3.88 0.00	40.64 4.09 -1.00	40.17 3.66 -3.25	39.46 3.30 -4.70	39.44 3.19 -5.91	39.83 3.46 -3.43	40.07 3.99 -0.42	41.06 4.20 0.00	43.70 4.15 0.00	46.92 4.30 0.00	51.71 5.87 -0.01	130.03 6.73 -74.18	136.72 7.70 -72.36	144.27 8.54 -73.40	228.43 8.59 -157.58	255.89 8.45 -186.24	294.40 8.22 -226.23	273.23 9.51 -193.81	285.82 9.08 -207.98	158.91 7.86 -92.81	137.20 6.79 -75.67	129.75 5.75 -74.43	52.92 4.86 -5.76	41.09 3.90 0.00
CALPINE BETH_PAGE_GT4 24209	42.28 3.81 0.00	40.36 3.80 -1.00	39.90 3.39 -3.25	39.21 3.05 -4.70	39.20 2.94 -5.91	39.57 3.20 -3.43	39.82 3.74 -0.42	40.84 3.98 0.00	43.62 4.07 0.00	46.83 4.22 0.00	51.33 5.50 0.00	63.01 6.19 -7.69	64.75 7.02 -1.07	76.05 7.98 -5.74	84.41 8.03 -14.12	102.08 7.89 -32.98	124.51 7.67 -56.88	129.49 8.88 -50.70	103.44 8.53 -26.15	83.87 7.11 -18.52	70.86 6.02 -10.09	55.98 5.30 -1.10	47.94 4.48 -1.15	41.13 3.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.24 3.77 0.00	40.36 3.81 -1.00	39.90 3.39 -3.26	39.20 3.05 -4.70	39.20 2.94 -5.91	39.57 3.19 -3.43	39.78 3.71 -0.42	40.81 3.95 0.00	43.62 4.07 0.00	46.83 4.22 0.00	51.23 5.41 0.00	63.11 6.29 -7.69	64.98 7.25 -1.07	76.05 7.98 -5.74	84.41 8.03 -14.12	102.08 7.90 -32.98	124.58 7.74 -56.88	129.55 8.95 -50.69	103.35 8.46 -26.13	83.85 7.10 -18.51	70.86 6.02 -10.09	55.98 5.31 -1.10	47.94 4.48 -1.16	41.20 4.02 0.00
CALPINE_BP_GT1 23823	42.24 3.77 0.00	40.36 3.81 -1.00	39.90 3.39 -3.26	39.20 3.05 -4.70	39.20 2.94 -5.91	39.57 3.19 -3.43	39.78 3.71 -0.42	40.81 3.95 0.00	43.62 4.07 0.00	46.83 4.22 0.00	51.23 5.41 0.00	63.11 6.29 -7.69	64.98 7.25 -1.07	76.05 7.98 -5.74	84.41 8.03 -14.12	102.08 7.90 -32.98	124.58 7.74 -56.88	129.55 8.95 -50.69	103.35 8.46 -26.13	83.85 7.10 -18.51	70.86 6.02 -10.09	55.98 5.31 -1.10	47.94 4.48 -1.16	41.20 4.02 0.00
CALSPAN___DRP 24200	38.74 0.27 0.00	35.63 0.07 0.00	33.05 -0.20 0.00	31.24 -0.22 0.00	30.02 -0.33 0.00	32.68 -0.26 0.00	35.44 -0.21 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.04 -1.58 0.00	43.95 -1.88 0.00	47.21 -1.92 0.00	54.78 -1.87 0.00	60.40 -1.93 0.00	61.08 -2.99 -1.81	60.14 -3.61 -2.55	57.99 -3.66 -1.68	67.56 -4.61 -2.26	67.29 -3.92 -2.45	56.74 -3.20 -1.70	51.61 -3.23 -0.10	47.01 -2.53 0.03	40.48 -1.82 0.00	36.96 -0.22 0.00

CALVERTON___SOLAR 323806	42.51 4.04 0.00	40.75 4.19 -1.00	40.26 3.76 -3.25	39.52 3.37 -4.70	39.54 3.28 -5.91	39.97 3.59 -3.43	40.17 4.10 -0.42	41.17 4.31 0.00	43.86 4.31 0.00	47.13 4.51 0.00	52.02 6.18 -0.01	130.95 7.08 -74.75	137.78 8.16 -72.97	145.35 9.03 -73.98	230.14 9.09 -158.80	257.68 8.94 -187.55	296.21 8.57 -227.67	274.94 10.00 -195.03	287.85 9.55 -209.53	160.68 8.39 -94.05	138.92 7.17 -77.00	130.72 6.10 -75.05	53.14 5.07 -5.76	41.28 4.09 0.00
CANDIGU_WT_PWR 323617	39.49 0.89 -0.14	36.33 0.67 -0.10	33.68 0.43 0.00	31.87 0.41 0.00	30.65 0.30 0.00	33.37 0.43 0.00	36.19 0.54 0.00	36.94 0.07 0.00	39.66 0.08 -0.03	42.58 -0.13 -0.10	45.65 -0.18 0.00	48.93 -0.20 0.00	56.65 0.00 0.00	62.45 0.12 0.00	64.07 -0.68 -2.50	63.79 -0.92 -3.50	61.38 -0.90 -2.32	72.69 -1.47 -4.25	72.05 -0.90 -4.19	60.40 -0.70 -2.86	55.01 -0.88 -1.14	49.47 -0.54 -0.45	42.25 -0.34 -0.29	37.70 0.30 -0.22
CARR STREET_E_SYR 24060	38.60 -0.23 -0.36	35.37 -0.29 -0.10	32.82 -0.23 0.21	31.10 -0.19 0.17	29.99 -0.21 0.15	32.72 -0.23 0.00	35.47 -0.18 0.00	36.53 -0.33 0.00	39.30 -0.32 -0.07	42.56 -0.30 -0.25	45.41 -0.41 0.00	48.73 -0.39 0.00	56.32 -0.34 0.00	62.02 -0.31 0.00	62.79 -0.43 -0.97	62.13 -0.43 -1.36	60.37 -0.48 -0.90	72.57 -0.56 -3.22	69.99 -0.48 -1.71	58.82 -0.47 -1.05	55.38 -0.22 -0.86	50.46 -0.30 -1.19	42.79 -0.25 -0.74	37.57 -0.19 -0.57
CARTHAGE___PAPER 23857	38.74 -0.23 -0.50	33.81 -0.29 1.45	30.46 -0.43 2.36	29.13 -0.35 1.98	28.28 -0.30 1.77	32.65 -0.30 0.00	35.62 -0.04 0.00	36.86 0.00 0.00	39.49 -0.16 -0.10	42.79 -0.17 -0.35	45.41 -0.41 0.00	48.19 -0.93 0.00	55.63 -1.02 0.00	61.21 -1.12 0.00	61.56 -1.18 -0.49	60.55 -1.35 -0.69	59.40 -1.02 -0.46	70.62 -0.84 -1.54	69.21 -0.55 -1.01	59.72 0.00 -1.48	56.43 0.16 -1.52	47.84 0.45 2.17	38.83 0.04 3.52	34.41 -0.11 2.66
CASSADAGA_WT_PWR 323784	40.12 1.65 0.00	36.83 1.28 0.00	34.05 0.80 0.00	31.90 0.44 0.00	30.65 0.30 0.00	33.44 0.49 0.00	36.26 0.61 0.00	36.83 -0.04 0.00	39.51 -0.04 0.00	42.32 -0.30 0.00	45.55 -0.27 0.00	48.63 -0.49 0.00	56.54 -0.11 0.00	62.39 0.06 0.00	62.91 -1.24 -1.90	62.16 -1.71 -2.67	59.99 -1.74 -1.77	69.48 -2.87 -2.43	69.31 -2.06 -2.61	58.31 -1.75 -1.82	52.63 -2.30 -0.18	48.15 -1.39 0.03	41.33 -0.97 0.00	37.30 0.11 0.00
CE_DUNWOOD___DRP 24194	41.78 3.31 0.00	38.68 3.13 0.00	36.01 2.76 0.00	33.94 2.49 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.72 3.07 0.00	40.25 3.39 0.00	43.26 3.72 0.00	46.75 4.13 0.00	50.69 4.86 0.00	56.39 5.55 -1.71	62.94 6.29 0.00	69.25 6.92 0.00	81.29 7.10 -11.94	98.92 7.10 -30.62	121.02 6.84 -54.23	126.12 7.76 -48.45	99.55 7.43 -23.36	76.05 6.06 -11.75	66.11 5.20 -6.17	54.18 4.61 0.00	46.28 3.98 0.00	40.68 3.50 0.00
CE_MILLWOOD___DRP 24193	41.70 3.23 0.00	38.58 3.02 0.00	35.95 2.69 0.00	33.85 2.39 0.00	32.66 2.31 0.00	35.45 2.50 0.00	38.61 2.96 0.00	40.14 3.28 0.00	43.15 3.60 0.00	46.58 3.96 0.00	50.50 4.67 0.00	56.19 5.35 -1.71	62.77 6.12 0.00	69.06 6.73 0.00	81.06 6.91 -11.89	98.49 6.85 -30.44	120.45 6.66 -53.84	125.59 7.55 -48.13	99.21 7.22 -23.23	75.88 5.94 -11.70	65.92 5.04 -6.14	54.08 4.51 0.00	46.15 3.85 0.00	40.57 3.38 0.00
CE_NYC2_DRP 24202	42.28 3.81 0.00	39.15 3.59 0.00	36.38 3.13 0.00	34.23 2.77 0.00	33.02 2.67 0.00	35.81 2.87 0.00	39.11 3.46 0.00	40.73 3.87 0.00	43.82 4.27 0.00	47.22 4.60 0.00	51.28 5.45 0.00	56.83 5.99 -1.71	61.74 6.69 1.60	69.37 7.04 0.00	81.45 7.22 -11.97	99.11 7.22 -30.69	121.14 6.84 -54.35	126.15 7.69 -48.55	99.53 7.36 -23.41	76.01 6.00 -11.77	63.25 5.20 -3.30	54.38 4.81 0.00	46.75 4.44 0.00	41.28 4.09 -0.01
CE_NYC_DRP 24195	42.16 3.69 0.00	39.00 3.45 0.00	36.28 3.03 0.00	34.10 2.64 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.04 3.39 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.64 0.00	51.24 5.41 0.00	56.93 6.09 -1.71	63.57 6.91 0.00	69.75 7.42 0.00	81.82 7.60 -11.97	99.54 7.65 -30.69	121.62 7.32 -54.35	126.72 8.25 -48.56	100.02 7.84 -23.42	76.42 6.41 -11.78	66.35 5.42 -6.18	54.53 4.96 0.00	46.66 4.36 0.00	41.13 3.94 0.00
CHAFFEE___LFGE 323603	38.82 0.35 0.00	35.73 0.18 0.00	33.12 -0.13 0.00	31.30 -0.16 0.00	30.08 -0.27 0.00	32.78 -0.16 0.00	35.55 -0.11 0.00	36.02 -0.85 0.00	38.60 -0.95 0.00	41.21 -1.41 0.00	44.45 -1.37 0.00	47.60 -1.52 0.00	55.24 -1.41 0.00	60.83 -1.50 0.00	61.46 -2.68 -1.88	60.78 -3.06 -2.64	58.71 -3.00 -1.75	68.11 -4.19 -2.40	67.97 -3.37 -2.58	57.24 -2.79 -1.80	51.84 -3.06 -0.16	47.26 -2.28 0.03	40.65 -1.65 0.00	36.93 -0.26 0.00
CHATEAUG_35_KV_LOAD 355732	37.39 -1.08 0.00	34.06 -0.92 0.57	31.65 -0.86 0.74	30.05 -0.79 0.62	29.16 -0.64 0.56	32.32 -0.63 0.00	35.51 -0.14 0.00	36.75 -0.11 0.00	39.43 -0.12 0.00	42.19 -0.43 0.00	45.28 -0.55 0.00	48.49 -0.64 0.00	55.69 -0.96 0.00	60.70 -1.62 0.01	60.57 -1.68 0.00	59.92 -1.29 0.00	58.52 -1.44 0.00	60.33 -2.38 7.20	60.26 -2.41 6.10	56.26 -1.98 0.00	51.41 -1.92 1.42	30.79 -1.93 16.85	20.86 -1.65 19.80	20.61 -1.56 15.01
CHATEAUG_WT_PWR 323614	37.47 -1.00 0.00	34.70 -0.85 0.00	32.45 -0.80 0.00	30.70 -0.76 0.00	29.77 -0.58 0.00	33.11 0.17 0.00	36.36 0.71 0.00	37.64 0.78 0.00	40.49 0.95 0.00	43.17 0.55 0.00	46.29 0.46 0.00	48.34 -0.79 0.00	54.73 -1.93 0.00	60.14 -2.18 0.01	60.02 -2.24 0.00	58.88 -2.33 0.00	57.32 -2.64 0.00	59.46 -3.14 7.31	59.41 -3.16 6.19	55.97 -2.27 0.00	51.01 -2.30 1.44	30.74 -1.74 17.10	20.94 -1.27 20.09	20.69 -1.26 15.23
CHAT_HIGH_FALL_HYD 323578	37.39 -1.08 0.00	34.06 -0.92 0.57	31.65 -0.86 0.74	30.05 -0.79 0.62	29.16 -0.64 0.56	32.32 -0.63 0.00	35.51 -0.14 0.00	36.75 -0.11 0.00	39.43 -0.12 0.00	42.19 -0.43 0.00	45.28 -0.55 0.00	48.49 -0.64 0.00	55.69 -0.96 0.00	60.70 -1.62 0.01	60.57 -1.68 0.00	59.92 -1.29 0.00	58.52 -1.44 0.00	60.33 -2.38 7.20	60.26 -2.41 6.10	56.26 -1.98 0.00	51.41 -1.92 1.42	30.79 -1.93 16.85	20.86 -1.65 19.80	20.61 -1.56 15.01
CHAUTAUQUA___LFGE 323629	39.62 1.15 0.00	36.37 0.82 0.00	33.68 0.43 0.00	31.71 0.25 0.00	30.50 0.15 0.00	33.24 0.30 0.00	36.04 0.39 0.00	36.57 -0.30 0.00	39.23 -0.32 0.00	41.93 -0.68 0.00	45.19 -0.64 0.00	48.34 -0.79 0.00	56.14 -0.51 0.00	61.90 -0.43 0.00	62.51 -1.62 -1.87	61.81 -2.02 -2.62	59.72 -1.98 -1.74	69.21 -3.07 -2.37	68.98 -2.34 -2.56	58.10 -1.92 -1.78	52.60 -2.30 -0.15	47.95 -1.59 0.03	41.25 -1.06 0.00	37.30 0.11 0.00
CHERRYST_13_KV_LD 356241	42.32 3.85 0.00	39.15 3.59 0.00	36.38 3.13 0.00	34.23 2.77 0.00	33.02 2.67 0.00	35.88 2.93 0.00	39.22 3.57 0.00	40.84 3.98 0.00	43.98 4.43 0.00	47.47 4.86 0.00	51.51 5.68 0.00	57.27 6.44 -1.71	63.91 7.25 0.00	70.12 7.79 0.00	82.26 8.03 -11.97	99.90 8.02 -30.69	121.98 7.67 -54.35	127.14 8.67 -48.56	100.36 8.18 -23.42	76.66 6.64 -11.78	66.62 5.69 -6.18	54.72 5.16 0.00	46.83 4.53 0.00	41.31 4.13 0.00

CHESTROR_138KV_BK263 355645	41.16 2.69 0.00	38.08 2.52 0.00	35.51 2.26 0.00	33.50 2.04 0.00	32.32 1.97 0.00	35.05 2.11 0.00	38.08 2.42 0.00	39.48 2.62 0.00	42.39 2.85 0.00	45.77 3.15 0.00	49.59 3.76 0.00	53.35 4.22 0.00	61.58 4.93 0.00	67.81 5.48 0.00	78.88 5.60 -11.02	93.38 5.57 -26.61	110.26 5.40 -44.90	117.27 6.22 -41.14	95.32 5.91 -20.65	73.92 4.95 -10.73	64.46 4.16 -5.56	53.29 3.72 0.00	45.48 3.17 0.00	39.94 2.75 0.00
CH_MIDHUDSON___DRP 24192	41.55 3.08 0.00	38.47 2.92 0.00	35.88 2.63 0.00	33.82 2.36 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.40 2.75 0.00	39.81 2.95 0.00	42.75 3.20 0.00	46.15 3.54 0.00	50.00 4.17 0.00	53.84 4.72 0.00	62.21 5.55 0.00	68.50 6.17 0.00	80.77 6.35 -12.16	97.25 6.30 -29.74	116.60 6.12 -50.52	122.57 7.06 -45.59	97.91 6.74 -22.41	75.77 5.59 -11.94	65.63 4.76 -6.12	53.78 4.21 0.00	45.86 3.55 0.00	40.24 3.05 0.00
CH_MISC_IPPS 23765	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.61 2.67 0.00	38.68 3.03 0.00	40.03 3.17 0.00	42.99 3.44 0.00	46.40 3.79 0.00	50.27 4.44 0.00	54.23 5.11 0.00	62.77 6.12 0.00	69.00 6.67 0.00	81.03 6.85 -11.92	97.01 6.91 -28.90	115.34 6.71 -48.67	121.65 7.76 -43.98	97.79 7.43 -21.61	76.00 6.11 -11.64	65.89 5.20 -5.94	54.13 4.56 0.00	46.15 3.85 0.00	40.57 3.38 0.00
CH_RES_BVR_FALLS 23983	37.89 -0.58 0.00	35.25 -0.50 -0.19	33.04 -0.47 -0.25	31.26 -0.41 -0.21	30.18 -0.36 -0.19	32.55 -0.39 0.00	35.26 -0.39 0.00	36.24 -0.63 0.00	38.87 -0.67 0.00	41.80 -0.81 0.00	44.91 -0.92 0.00	47.94 -1.18 0.00	55.18 -1.47 0.00	60.57 -1.74 0.01	60.58 -1.68 0.00	59.61 -1.59 0.00	58.46 -1.50 0.00	56.69 -1.75 11.48	57.25 -1.79 9.72	56.67 -1.57 0.00	50.95 -1.53 2.26	21.23 -1.49 26.85	9.43 -1.31 31.56	12.07 -1.19 23.93
CH_RES_NIAGARA 23895	37.08 -1.38 0.00	34.13 -1.42 0.00	31.69 -1.56 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.33 -1.61 0.00	33.94 -1.71 0.00	34.13 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	41.70 -4.12 0.00	44.70 -4.42 0.00	51.84 -4.82 0.00	56.97 -5.36 0.00	58.00 -5.91 -1.66	56.99 -6.55 -2.33	54.97 -6.54 -1.54	63.90 -7.97 -1.96	63.35 -7.63 -2.22	53.49 -6.29 -1.54	49.19 -5.53 0.02	44.68 -4.86 0.04	38.67 -3.64 0.00	35.51 -1.67 0.00
CH_RES_SYRACUSE 23985	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.55 -0.11 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.83 -0.29 0.00	56.37 -0.28 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.43 -0.30 -1.53	60.61 -0.36 -1.01	74.31 -0.42 -4.82	71.58 -0.27 -3.09	59.85 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.52 -0.13 -1.35	38.10 -0.11 -1.03
CLINTON_WT_PWR 323605	37.47 -1.00 0.00	34.70 -0.85 0.00	32.45 -0.80 0.00	30.70 -0.76 0.00	29.77 -0.58 0.00	33.11 0.17 0.00	36.36 0.71 0.00	37.64 0.78 0.00	40.49 0.95 0.00	43.17 0.55 0.00	46.29 0.46 0.00	48.34 -0.79 0.00	54.73 -1.93 0.00	60.14 -2.18 0.01	60.02 -2.24 0.00	58.88 -2.33 0.00	57.32 -2.64 0.00	59.46 -3.14 7.31	59.41 -3.16 6.19	55.97 -2.27 0.00	51.01 -2.30 1.44	30.74 -1.74 17.10	20.94 -1.27 20.09	20.69 -1.26 15.23
CLINTON___LFGE 323618	37.89 -0.58 0.00	34.97 -0.43 0.16	32.61 -0.43 0.21	30.88 -0.41 0.17	29.99 -0.21 0.15	33.08 0.13 0.00	36.40 0.75 0.00	37.67 0.81 0.00	40.49 0.95 0.00	43.17 0.55 0.00	46.33 0.51 0.00	48.44 -0.69 0.00	54.90 -1.76 0.00	60.32 -2.00 0.01	60.26 -1.99 0.00	59.12 -2.08 0.00	57.68 -2.28 0.00	59.89 -2.73 7.29	59.83 -2.75 6.17	56.32 -1.92 0.00	51.51 -1.81 1.43	31.23 -1.29 17.05	21.20 -1.06 20.04	20.95 -1.04 15.20
COBBLENY_34_KV_TB1 80064	38.82 0.35 0.00	35.73 0.18 0.00	33.12 -0.13 0.00	31.30 -0.16 0.00	30.08 -0.27 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.01 -0.85 0.00	38.60 -0.95 0.00	41.21 -1.41 0.00	44.18 -1.65 0.00	47.45 -1.67 0.00	55.12 -1.53 0.00	60.83 -1.50 0.00	61.46 -2.68 -1.88	60.54 -3.30 -2.64	58.41 -3.30 -1.75	68.03 -4.26 -2.38	67.87 -3.44 -2.55	57.16 -2.85 -1.77	51.89 -3.01 -0.15	47.26 -2.28 0.03	40.65 -1.65 0.00	37.11 -0.07 0.00
COFFEEN___115KV_TB3 355620	39.43 0.35 -0.62	34.74 0.25 1.07	31.29 0.00 1.96	29.91 0.09 1.65	28.97 0.09 1.47	33.08 0.13 -0.01	36.12 0.46 0.00	37.34 0.48 0.00	40.03 0.36 -0.13	43.47 0.43 -0.43	45.97 0.14 0.00	48.73 -0.39 0.00	56.26 -0.40 0.00	61.83 -0.50 0.00	62.20 -0.62 -0.56	61.13 -0.86 -0.79	60.00 -0.48 -0.52	72.24 -0.14 -2.47	70.83 0.28 -1.79	60.87 0.82 -1.81	57.80 1.04 -2.01	49.75 1.29 1.11	40.54 0.72 2.48	35.79 0.48 1.88
COLDSPRG_115KV_BK1 355956	40.35 1.89 0.00	37.15 1.60 0.00	34.35 1.10 0.00	32.31 0.85 0.00	31.08 0.73 0.00	33.93 0.99 0.00	36.86 1.21 0.00	37.56 0.70 0.00	40.18 0.63 0.00	42.95 0.34 0.00	46.10 0.27 0.00	49.37 0.25 0.00	57.39 0.74 0.00	63.45 1.12 0.00	63.84 -0.37 -1.96	62.79 -1.16 -2.75	60.46 -1.32 -1.82	70.33 -2.10 -2.52	70.39 -1.03 -2.67	59.22 -0.87 -1.86	53.37 -1.59 -0.21	48.89 -0.64 0.03	41.96 -0.34 0.00	38.04 0.86 0.00
COLONIE_LFGE___ 323577	40.43 1.96 0.00	37.44 1.88 0.00	35.01 1.76 0.00	33.06 1.60 0.00	31.90 1.55 0.00	34.59 1.65 0.00	37.33 1.68 0.00	38.67 1.81 0.00	41.52 1.98 0.00	44.74 2.13 0.00	48.21 2.38 0.00	51.82 2.70 0.00	59.77 3.11 0.00	65.82 3.49 0.00	81.88 3.48 -16.14	86.25 3.30 -21.75	90.69 3.36 -27.38	140.19 4.05 -66.23	187.69 4.13 -114.81	109.12 3.44 -47.45	85.14 3.23 -27.17	52.39 2.82 0.00	44.63 2.33 0.00	39.12 1.93 0.00
COOPERNY_115KV_TB1 80082	40.43 1.96 0.00	37.40 1.85 0.00	34.92 1.66 0.00	33.00 1.54 0.00	31.81 1.46 0.00	34.53 1.58 0.00	37.43 1.78 0.00	38.85 1.99 0.00	41.68 2.14 0.00	45.04 2.43 0.00	48.67 2.84 0.00	52.27 3.14 0.00	60.34 3.68 0.00	66.38 4.05 0.00	75.08 4.11 -8.72	84.23 4.10 -18.93	92.73 3.96 -28.81	102.10 4.54 -27.64	87.95 4.33 -14.86	70.22 3.61 -8.37	62.01 3.07 -4.19	52.35 2.78 0.00	44.67 2.37 0.00	39.23 2.05 0.00
COPENHAGEN_WT_PWR 323753	39.12 0.00 -0.65	34.52 -0.07 0.96	31.13 -0.27 1.86	29.74 -0.16 1.56	28.81 -0.15 1.39	32.82 -0.13 -0.01	35.80 0.14 0.00	37.01 0.15 0.00	39.68 0.00 -0.13	43.11 0.04 -0.45	45.60 -0.23 0.00	48.44 -0.69 0.00	55.92 -0.74 0.00	61.52 -0.81 0.00	61.90 -0.93 -0.58	60.85 -1.16 -0.82	59.66 -0.84 -0.54	72.01 -0.63 -2.73	70.42 -0.34 -2.00	60.32 0.18 -1.90	57.27 0.39 -2.14	49.39 0.64 0.83	40.35 0.26 2.21	35.59 0.07 1.67
CORNELL_____ 23752	40.21 1.38 -0.36	36.98 1.17 -0.26	34.25 1.00 0.00	32.40 0.94 0.00	31.23 0.88 0.00	33.94 0.99 0.00	36.86 1.21 0.00	37.89 1.03 0.00	40.69 1.07 -0.08	43.98 1.11 -0.26	46.84 1.01 0.00	50.20 1.08 0.00	58.01 1.36 0.00	64.01 1.68 0.00	66.17 1.43 -2.48	66.09 1.41 -3.48	63.64 1.38 -2.30	77.26 1.89 -5.46	76.08 2.20 -5.12	63.64 1.98 -3.43	58.78 1.92 -2.12	52.46 1.69 -1.20	44.45 1.40 -0.75	39.06 1.30 -0.57

CORONA__69_KV_TB1 355595	42.62 4.15 0.00	40.60 4.05 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.38 3.13 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	41.03 4.17 0.00	43.94 4.39 0.00	47.30 4.69 0.00	51.83 6.00 0.00	62.50 6.68 -6.69	64.13 7.48 0.00	75.42 8.35 -4.74	82.62 8.40 -11.96	100.14 8.26 -30.68	122.39 8.09 -54.33	127.82 9.37 -48.54	101.11 8.94 -23.41	83.08 7.40 -17.45	70.31 6.41 -9.16	55.27 5.70 0.00	47.34 5.03 0.00	41.50 4.31 0.00
CORTLAND__115KV_TB3 80093	39.94 1.12 -0.36	36.64 0.96 -0.13	33.92 0.83 0.17	32.10 0.79 0.14	30.96 0.73 0.12	33.77 0.82 0.00	36.65 1.00 0.00	37.82 0.96 0.00	40.61 0.99 -0.07	43.93 1.07 -0.25	46.84 1.01 0.00	50.16 1.03 0.00	57.96 1.30 0.00	63.95 1.62 0.00	65.96 1.37 -2.34	65.77 1.29 -3.28	63.39 1.26 -2.17	76.71 1.54 -5.26	75.36 1.72 -4.88	63.07 1.57 -3.26	58.36 1.53 -2.08	52.16 1.39 -1.20	44.19 1.14 -0.74	38.83 1.08 -0.57
COXSACKIE__GT 23611	41.62 3.16 0.00	38.58 3.02 0.00	35.98 2.73 0.00	33.94 2.48 0.00	32.72 2.37 0.00	35.55 2.60 0.00	38.29 2.64 0.00	39.00 2.14 0.00	41.64 2.09 0.00	44.70 2.09 0.00	47.98 2.15 0.00	50.60 1.47 0.00	58.86 2.21 0.00	64.89 2.56 0.00	77.16 2.87 -12.03	84.09 2.45 -20.44	69.34 3.12 -6.27	46.07 4.54 28.39	30.28 5.02 43.49	73.94 4.08 -11.62	57.45 3.99 1.29	52.84 3.27 0.00	45.43 3.13 0.00	39.64 2.45 0.00
CPV_VALLEY__CC1 323721	40.78 2.31 0.00	37.72 2.17 0.00	35.18 1.93 0.00	33.22 1.76 0.00	32.05 1.70 0.00	34.75 1.81 0.00	37.72 2.07 0.00	39.15 2.29 0.00	42.04 2.49 0.00	45.42 2.81 0.00	49.08 3.25 0.00	52.96 3.83 0.00	61.13 4.47 0.00	67.13 4.80 0.00	77.38 4.92 -10.20	89.89 4.96 -23.74	103.58 4.80 -38.82	111.59 5.46 -36.23	92.62 5.16 -18.70	72.35 4.25 -9.86	63.43 3.61 -5.07	52.79 3.22 0.00	45.05 2.75 0.00	39.60 2.42 0.00
CPV_VALLEY__CC2 323722	40.78 2.31 0.00	37.72 2.17 0.00	35.18 1.93 0.00	33.22 1.76 0.00	32.05 1.70 0.00	34.75 1.81 0.00	37.72 2.07 0.00	39.15 2.29 0.00	42.04 2.49 0.00	45.42 2.81 0.00	49.08 3.25 0.00	52.96 3.83 0.00	61.13 4.47 0.00	67.13 4.80 0.00	77.38 4.92 -10.20	89.89 4.96 -23.74	103.58 4.80 -38.82	111.59 5.46 -36.23	92.62 5.16 -18.70	72.35 4.25 -9.86	63.43 3.61 -5.07	52.79 3.22 0.00	45.05 2.75 0.00	39.60 2.42 0.00
CRESCENT__HYD 24018	40.43 1.96 0.00	37.44 1.88 0.00	35.01 1.76 0.00	33.06 1.60 0.00	31.90 1.55 0.00	34.59 1.65 0.00	37.33 1.68 0.00	38.67 1.81 0.00	41.52 1.98 0.00	44.74 2.13 0.00	48.21 2.38 0.00	51.82 2.70 0.00	59.77 3.11 0.00	65.82 3.49 0.00	81.88 3.48 -16.14	86.25 3.30 -21.75	90.69 3.36 -27.38	140.19 4.05 -66.23	187.69 4.13 -114.81	109.12 3.44 -47.45	85.14 3.23 -27.17	52.39 2.82 0.00	44.63 2.33 0.00	39.12 1.93 0.00
CRICKET__VALLEY_CC1 323756	41.05 2.58 0.00	38.01 2.45 0.00	35.48 2.23 0.00	33.47 2.02 0.00	32.29 1.94 0.00	35.02 2.08 0.00	37.94 2.28 0.00	39.40 2.54 0.00	42.31 2.77 0.00	45.64 3.03 0.00	49.36 3.53 0.00	53.25 4.13 0.00	61.41 4.76 0.00	67.62 5.29 0.00	80.43 5.48 -12.70	99.79 5.32 -33.26	125.68 5.28 -60.45	130.68 6.08 -54.69	102.78 5.84 -28.18	76.36 4.78 -13.34	66.09 4.16 -7.18	53.24 3.67 0.00	45.35 3.05 0.00	39.83 2.64 0.00
CRICKET__VALLEY_CC2 323757	41.05 2.58 0.00	38.01 2.45 0.00	35.48 2.23 0.00	33.47 2.02 0.00	32.29 1.94 0.00	35.02 2.08 0.00	37.94 2.28 0.00	39.40 2.54 0.00	42.31 2.77 0.00	45.64 3.03 0.00	49.36 3.53 0.00	53.25 4.13 0.00	61.41 4.76 0.00	67.62 5.29 0.00	80.43 5.48 -12.70	99.79 5.32 -33.26	125.68 5.28 -60.45	130.68 6.08 -54.69	102.78 5.84 -28.18	76.36 4.78 -13.34	66.09 4.16 -7.18	53.24 3.67 0.00	45.35 3.05 0.00	39.83 2.64 0.00
CRICKET__VALLEY_CC3 323758	41.05 2.58 0.00	38.01 2.45 0.00	35.48 2.23 0.00	33.47 2.02 0.00	32.29 1.94 0.00	35.02 2.08 0.00	37.94 2.28 0.00	39.40 2.54 0.00	42.31 2.77 0.00	45.64 3.03 0.00	49.36 3.53 0.00	53.25 4.13 0.00	61.41 4.76 0.00	67.62 5.29 0.00	80.43 5.48 -12.70	99.79 5.32 -33.26	125.68 5.28 -60.45	130.68 6.08 -54.69	102.78 5.84 -28.18	76.36 4.78 -13.34	66.09 4.16 -7.18	53.24 3.67 0.00	45.35 3.05 0.00	39.83 2.64 0.00
CRUCIBLE__METL_DRP 24180	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.51 -0.14 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.78 -0.34 0.00	56.31 -0.34 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.36 -0.37 -1.53	60.55 -0.42 -1.01	74.28 -0.42 -4.79	71.51 -0.34 -3.09	59.84 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.57 -0.08 -1.35	38.40 0.19 -1.03
DAHOWA__HYDRO 323763	41.28 2.81 0.00	38.19 2.63 0.00	35.61 2.36 0.00	33.60 2.14 0.00	32.38 2.03 0.00	35.15 2.21 0.00	38.00 2.35 0.00	39.30 2.43 0.00	42.31 2.77 0.00	45.59 2.98 0.00	48.95 3.12 0.00	52.51 3.39 0.00	60.56 3.91 0.00	66.44 4.11 0.00	82.00 3.86 -15.88	86.12 3.80 -21.13	84.62 3.84 -20.82	124.28 4.82 -49.55	174.38 5.22 -100.40	112.29 4.66 -49.39	85.34 4.43 -26.16	53.63 4.07 0.00	45.56 3.26 0.00	39.86 2.68 0.00
DANC__LFGE 323619	39.09 -0.19 -0.81	34.91 -0.25 0.40	31.61 -0.37 1.28	30.11 -0.28 1.07	29.12 -0.27 0.95	32.65 -0.30 -0.01	35.55 -0.11 0.00	36.75 -0.11 0.00	39.44 -0.27 -0.17	42.92 -0.25 -0.56	45.28 -0.55 0.00	48.29 -0.84 0.00	55.74 -0.91 0.00	61.40 -0.93 0.00	61.88 -1.06 -0.68	60.87 -1.29 -0.96	59.51 -1.08 -0.63	73.11 -0.91 -4.11	71.23 -0.69 -3.15	60.34 -0.29 -2.39	57.55 -0.05 -2.86	50.45 0.15 -0.73	41.52 -0.08 0.70	36.51 -0.15 0.52
DANSKAMMER__1 23586	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.61 2.67 0.00	38.68 3.03 0.00	40.03 3.17 0.00	42.99 3.44 0.00	46.40 3.79 0.00	50.27 4.44 0.00	54.23 5.11 0.00	62.77 6.12 0.00	69.00 6.67 0.00	81.03 6.85 -11.92	97.01 6.91 -28.90	115.34 6.71 -48.67	121.65 7.76 -43.98	97.79 7.43 -21.61	76.00 6.11 -11.64	65.89 5.20 -5.94	54.13 4.56 0.00	46.15 3.85 0.00	40.57 3.38 0.00
DANSKAMMER__2 23589	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.61 2.67 0.00	38.68 3.03 0.00	40.03 3.17 0.00	42.99 3.44 0.00	46.40 3.79 0.00	50.27 4.44 0.00	54.23 5.11 0.00	62.77 6.12 0.00	69.00 6.67 0.00	81.03 6.85 -11.92	97.01 6.91 -28.90	115.34 6.71 -48.67	121.65 7.76 -43.98	97.79 7.43 -21.61	76.00 6.11 -11.64	65.89 5.20 -5.94	54.13 4.56 0.00	46.15 3.85 0.00	40.57 3.38 0.00
DANSKAMMER__3 23590	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.61 2.67 0.00	38.68 3.03 0.00	40.03 3.17 0.00	42.99 3.44 0.00	46.40 3.79 0.00	50.27 4.44 0.00	54.23 5.11 0.00	62.77 6.12 0.00	69.00 6.67 0.00	81.03 6.85 -11.92	97.01 6.91 -28.90	115.34 6.71 -48.67	121.65 7.76 -43.98	97.79 7.43 -21.61	76.00 6.11 -11.64	65.89 5.20 -5.94	54.13 4.56 0.00	46.15 3.85 0.00	40.57 3.38 0.00

DANSKAMMER___4 23591	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.61 2.67 0.00	38.68 3.03 0.00	40.03 3.17 0.00	42.99 3.44 0.00	46.40 3.79 0.00	50.27 4.44 0.00	54.23 5.11 0.00	62.77 6.12 0.00	69.00 6.67 0.00	81.03 6.85 -11.92	97.01 6.91 -28.90	115.34 6.71 -48.67	121.65 7.76 -43.98	97.79 7.43 -21.61	76.00 6.11 -11.64	65.89 5.20 -5.94	54.13 4.56 0.00	46.15 3.85 0.00	40.57 3.38 0.00
DANSKAMMER___DIESEL 23592	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.61 2.67 0.00	38.68 3.03 0.00	40.03 3.17 0.00	42.99 3.44 0.00	46.41 3.79 0.00	50.32 4.49 0.00	54.18 5.06 0.00	62.66 6.01 0.00	69.00 6.67 0.00	81.03 6.85 -11.92	96.95 6.85 -28.90	115.28 6.66 -48.67	121.59 7.69 -43.99	97.81 7.43 -21.63	76.01 6.12 -11.66	65.89 5.20 -5.94	54.13 4.56 0.00	46.15 3.85 0.00	40.50 3.31 0.00
DARBY___SOLAR 323810	41.09 2.62 0.00	38.01 2.45 0.00	35.48 2.23 0.00	33.47 2.02 0.00	32.29 1.94 0.00	35.05 2.11 0.00	37.86 2.21 0.00	39.15 2.29 0.00	42.16 2.61 0.00	45.47 2.86 0.00	48.80 2.98 0.00	52.37 3.24 0.00	60.45 3.80 0.00	66.32 3.99 0.00	82.03 3.86 -15.91	86.02 3.73 -21.08	85.05 3.78 -21.31	126.07 4.68 -51.48	176.11 5.02 -102.34	111.81 4.37 -49.20	85.22 4.16 -26.32	53.39 3.82 0.00	45.35 3.05 0.00	39.72 2.53 0.00
DASHVILLE___HYD 23610	41.43 2.96 0.00	38.36 2.81 0.00	35.78 2.53 0.00	33.72 2.26 0.00	32.54 2.19 0.00	35.28 2.34 0.00	38.29 2.64 0.00	39.63 2.76 0.00	42.47 2.93 0.00	45.85 3.24 0.00	49.72 3.90 0.00	53.59 4.47 0.00	62.04 5.38 0.00	68.25 5.92 0.00	80.62 6.54 -11.83	90.94 6.06 -23.68	95.24 6.36 -28.92	96.54 7.27 -19.36	79.11 6.94 -3.40	74.88 5.36 -11.29	63.43 4.87 -3.81	53.58 4.02 0.00	45.65 3.34 0.00	40.09 2.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	43.16 4.69 0.00	41.24 4.69 -1.00	40.70 4.19 -3.25	39.90 3.74 -4.70	39.90 3.64 -5.91	40.43 4.05 -3.43	40.75 4.67 -0.42	41.80 4.94 0.00	44.73 5.18 0.00	48.11 5.50 0.00	53.35 7.52 -0.01	132.55 8.45 -74.97	139.39 9.52 -73.21	147.39 10.85 -74.21	232.38 10.83 -159.29	259.92 10.65 -188.07	298.11 9.89 -228.25	277.05 11.61 -195.53	290.14 11.21 -210.17	162.67 9.84 -94.59	140.76 8.43 -77.58	132.01 7.14 -75.31	53.87 5.80 -5.77	41.80 4.61 0.00
DELAWARE___LFGE 323621	40.36 1.77 -0.12	37.24 1.60 -0.08	34.82 1.56 0.00	32.97 1.51 0.00	31.78 1.43 0.00	34.49 1.55 0.00	37.33 1.68 0.00	38.63 1.77 0.00	41.47 1.90 -0.02	44.86 2.17 -0.07	48.21 2.38 0.00	51.53 2.41 0.00	59.49 2.83 0.00	65.45 3.12 0.00	70.26 3.05 -4.96	72.00 2.94 -7.86	70.05 2.82 -7.27	82.91 3.29 -9.71	85.57 3.23 -13.58	70.50 2.85 -9.41	61.92 2.57 -4.60	52.39 2.43 -0.39	44.58 2.03 -0.24	39.12 1.75 -0.19
DERFIELD_115KV_TB7 355931	38.85 0.38 0.00	35.82 0.39 0.12	33.46 0.37 0.16	31.67 0.35 0.14	30.56 0.33 0.12	33.27 0.33 0.00	36.01 0.36 0.00	37.27 0.41 0.00	39.98 0.44 0.00	43.12 0.51 0.00	46.42 0.60 0.00	49.71 0.59 0.00	57.33 0.68 0.00	63.08 0.75 0.00	63.00 0.75 0.00	61.94 0.73 0.00	60.68 0.72 0.00	71.12 0.84 -0.37	69.90 0.83 -0.31	58.94 0.70 0.00	55.48 0.66 -0.07	51.02 0.59 -0.86	43.82 0.51 -1.01	38.40 0.45 -0.77
DOGLEVILLE___HYD 23807	39.51 1.04 0.00	36.39 0.96 0.12	33.95 0.86 0.16	32.14 0.82 0.14	31.02 0.79 0.12	33.83 0.89 0.00	36.61 0.96 0.00	37.93 1.07 0.00	40.70 1.15 0.00	43.94 1.32 0.00	47.25 1.42 0.00	50.45 1.33 0.00	58.18 1.53 0.00	63.95 1.62 0.00	63.75 1.49 0.00	62.49 1.29 0.00	61.28 1.32 0.00	71.89 1.61 -0.37	70.45 1.37 -0.31	59.40 1.16 0.00	55.86 1.04 -0.07	51.42 0.99 -0.86	44.11 0.80 -1.01	38.66 0.70 -0.77
DUNKIRK___115KV_TB_200 55889	39.51 1.04 0.00	36.30 0.75 0.00	33.62 0.37 0.00	31.68 0.22 0.00	30.44 0.09 0.00	33.17 0.23 0.00	35.97 0.32 0.00	36.49 -0.37 0.00	39.15 -0.40 0.00	41.89 -0.72 0.00	44.87 -0.96 0.00	48.14 -0.98 0.00	55.92 -0.74 0.00	61.77 -0.56 0.00	62.44 -1.68 -1.87	61.50 -2.33 -2.62	59.29 -2.40 -1.73	69.04 -3.22 -2.35	68.74 -2.54 -2.53	57.96 -2.04 -1.76	52.59 -2.30 -0.14	47.90 -1.64 0.03	41.20 -1.10 0.00	37.41 0.22 0.00
DUNKIRK___1 23563	39.51 1.04 0.00	36.30 0.75 0.00	33.62 0.37 0.00	31.68 0.22 0.00	30.44 0.09 0.00	33.17 0.23 0.00	35.97 0.32 0.00	36.49 -0.37 0.00	39.15 -0.40 0.00	41.89 -0.72 0.00	44.87 -0.96 0.00	48.14 -0.98 0.00	55.92 -0.74 0.00	61.77 -0.56 0.00	62.44 -1.68 -1.87	61.50 -2.33 -2.62	59.29 -2.40 -1.73	69.04 -3.22 -2.35	68.74 -2.54 -2.53	57.96 -2.04 -1.76	52.59 -2.30 -0.14	47.90 -1.64 0.03	41.20 -1.10 0.00	37.41 0.22 0.00
DUNKIRK___2 23564	39.51 1.04 0.00	36.30 0.75 0.00	33.62 0.37 0.00	31.68 0.22 0.00	30.44 0.09 0.00	33.17 0.23 0.00	35.97 0.32 0.00	36.49 -0.37 0.00	39.15 -0.40 0.00	41.89 -0.72 0.00	44.87 -0.96 0.00	48.14 -0.98 0.00	55.92 -0.74 0.00	61.77 -0.56 0.00	62.44 -1.68 -1.87	61.50 -2.33 -2.62	59.29 -2.40 -1.73	69.04 -3.22 -2.35	68.74 -2.54 -2.53	57.96 -2.04 -1.76	52.59 -2.30 -0.14	47.90 -1.64 0.03	41.20 -1.10 0.00	37.41 0.22 0.00
DUNKIRK___3 23565	39.16 0.69 0.00	36.02 0.46 0.00	33.35 0.10 0.00	31.49 0.03 0.00	30.26 -0.09 0.00	32.98 0.03 0.00	35.76 0.11 0.00	36.24 -0.63 0.00	38.88 -0.67 0.00	41.59 -1.02 0.00	44.54 -1.28 0.00	47.80 -1.33 0.00	55.52 -1.13 0.00	61.27 -1.06 0.00	61.94 -2.18 -1.86	61.00 -2.82 -2.61	58.81 -2.88 -1.73	68.47 -3.78 -2.33	68.25 -3.03 -2.52	57.55 -2.45 -1.75	52.25 -2.63 -0.13	47.60 -1.93 0.03	40.95 -1.35 0.00	37.22 0.04 0.00
DUNKIRK___4 23566	39.16 0.69 0.00	36.02 0.46 0.00	33.35 0.10 0.00	31.49 0.03 0.00	30.26 -0.09 0.00	32.98 0.03 0.00	35.76 0.11 0.00	36.24 -0.63 0.00	38.88 -0.67 0.00	41.59 -1.02 0.00	44.54 -1.28 0.00	47.80 -1.33 0.00	55.52 -1.13 0.00	61.27 -1.06 0.00	61.94 -2.18 -1.86	61.00 -2.82 -2.61	58.81 -2.88 -1.73	68.47 -3.78 -2.33	68.25 -3.03 -2.52	57.55 -2.45 -1.75	52.25 -2.63 -0.13	47.60 -1.93 0.03	40.95 -1.35 0.00	37.22 0.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.89 3.42 0.00	38.75 3.20 0.00	36.08 2.83 0.00	34.01 2.55 0.00	32.78 2.43 0.00	35.61 2.67 0.00	38.82 3.17 0.00	40.36 3.50 0.00	43.38 3.84 0.00	46.87 4.26 0.00	50.82 5.00 0.00	56.53 5.70 -1.71	63.11 6.46 0.00	69.44 7.11 0.00	81.51 7.28 -11.97	99.17 7.28 -30.69	121.33 7.02 -54.35	126.44 7.97 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.24 5.31 -6.18	54.33 4.76 0.00	46.41 4.10 0.00	40.79 3.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.51 3.04 0.00	38.40 2.84 0.00	35.81 2.56 0.00	33.75 2.30 0.00	32.57 2.22 0.00	35.32 2.37 0.00	38.36 2.71 0.00	39.74 2.88 0.00	42.67 3.12 0.00	46.06 3.45 0.00	49.91 4.08 0.00	53.74 4.62 0.00	62.09 5.44 0.00	68.38 6.05 0.00	79.99 6.23 -11.51	94.62 6.18 -27.23	110.82 6.00 -44.87	117.69 6.92 -40.85	95.70 6.67 -20.27	74.96 5.53 -11.19	65.05 4.65 -5.65	53.68 4.11 0.00	45.77 3.47 0.00	40.20 3.01 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.44 3.96 -0.01	39.26 3.70 -0.01	36.49 3.23 -0.01	34.32 2.86 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.97 3.32 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.04 4.43 0.00	51.05 5.22 0.00	56.63 5.80 -1.71	62.82 6.40 0.24	69.06 6.73 0.00	81.20 6.97 -11.97	98.93 7.04 -30.69	120.90 6.60 -54.35	125.94 7.48 -48.55	99.39 7.22 -23.41	75.95 5.94 -11.77	66.18 5.26 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.21 4.02 -0.01
E179THST_13_KV_LOAD 356214	42.71 4.23 -0.01	39.51 3.95 -0.01	36.69 3.43 -0.01	34.51 3.05 0.00	33.26 2.91 0.00	36.01 3.06 0.00	39.18 3.53 0.00	40.81 3.94 0.00	43.90 4.35 0.00	47.34 4.73 0.00	51.42 5.59 0.00	57.03 6.19 -1.71	63.27 6.86 0.24	69.56 7.23 0.00	81.69 7.47 -11.97	99.48 7.59 -30.69	121.44 8.04 -54.35	126.50 8.04 -48.55	99.94 7.77 -23.41	76.42 6.41 -11.77	66.56 5.64 -6.17	54.53 4.96 0.00	47.00 4.70 0.00	41.47 4.28 -0.01
EAST HAMPTON___GT 23717	43.08 4.61 0.00	41.21 4.66 -1.00	40.66 4.16 -3.25	39.90 3.74 -4.70	39.93 3.67 -5.91	40.49 4.12 -3.43	40.78 4.71 -0.42	41.91 5.05 0.00	45.01 5.46 0.00	48.45 5.84 0.00	53.81 7.97 -0.01	133.10 8.99 -74.99	140.20 10.31 -73.23	147.96 11.41 -74.23	232.85 11.27 -159.32	260.45 11.14 -188.11	298.21 9.96 -228.29	277.00 11.53 -195.55	289.89 10.93 -210.20	163.11 10.25 -94.62	141.01 8.65 -77.62	132.18 7.29 -75.32	53.91 5.84 -5.77	41.83 4.65 0.00
EAST RIVER___6 23660	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.97 3.32 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.65 0.00	51.19 5.36 0.00	57.03 6.19 -1.71	63.62 6.97 0.00	69.62 7.29 0.00	81.75 7.53 -11.97	99.47 7.59 -30.69	121.50 7.19 -54.35	126.57 8.11 -48.55	99.73 7.56 -23.40	76.18 6.17 -11.77	66.13 5.20 -6.17	54.48 4.91 0.00	46.62 4.32 0.00	41.20 4.02 0.00
EAST RIVER___7 23524	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.97 3.32 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.65 0.00	51.19 5.36 0.00	57.03 6.19 -1.71	63.62 6.97 0.00	69.62 7.29 0.00	81.75 7.53 -11.97	99.47 7.59 -30.69	121.50 7.19 -54.35	126.57 8.11 -48.55	99.73 7.56 -23.40	76.18 6.17 -11.77	66.13 5.20 -6.17	54.48 4.91 0.00	46.62 4.32 0.00	41.20 4.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.78 3.31 0.00	38.68 3.13 0.00	36.01 2.76 0.00	33.94 2.49 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.72 3.07 0.00	40.25 3.39 0.00	43.26 3.72 0.00	46.75 4.13 0.00	50.69 4.86 0.00	56.39 5.55 -1.71	62.94 6.29 0.00	69.25 6.92 0.00	81.29 7.10 -11.94	98.92 7.10 -30.62	121.02 6.84 -54.23	126.12 7.76 -48.45	99.55 7.43 -23.36	76.05 6.06 -11.75	66.11 5.20 -6.17	54.18 4.61 0.00	46.28 3.98 0.00	40.68 3.50 0.00
EAST_HAMPTON___DIESEL 23722	43.01 4.54 0.00	41.14 4.59 -1.00	40.60 4.09 -3.25	39.83 3.68 -4.70	39.87 3.61 -5.91	40.43 4.05 -3.43	40.71 4.63 -0.42	41.84 4.97 0.00	44.92 5.38 0.00	48.36 5.75 0.00	53.72 7.89 -0.01	133.05 8.94 -74.99	140.14 10.26 -73.23	147.84 11.29 -74.23	232.72 11.14 -159.32	260.32 11.01 -188.11	298.08 9.83 -228.29	276.93 11.47 -195.55	289.75 10.80 -210.19	162.98 10.13 -94.61	140.90 8.54 -77.61	132.08 7.19 -75.32	53.83 5.75 -5.77	41.72 4.54 0.00
EAST_POINT___SOLAR 323840	42.55 4.08 0.00	39.32 3.77 0.00	36.61 3.36 0.00	34.57 3.11 0.00	33.36 3.01 0.00	36.21 3.26 0.00	39.25 3.60 0.00	39.85 2.98 0.00	42.36 2.81 0.00	45.21 2.60 0.00	48.53 2.70 0.00	52.07 2.95 0.00	60.17 3.51 0.00	65.94 3.61 0.00	82.61 3.36 -17.00	88.17 3.55 -23.42	81.79 3.72 -18.11	111.44 5.80 -35.73	150.69 6.88 -75.05	109.10 6.46 -44.40	82.76 6.18 -21.83	55.32 5.75 0.00	46.96 4.65 0.00	41.05 3.87 0.00
EAST_PULASKI___ESR 323781	39.29 -0.35 -1.17	35.47 -0.39 -0.31	32.13 -0.43 0.69	30.50 -0.38 0.58	29.44 -0.40 0.52	32.53 -0.43 -0.01	35.33 -0.32 0.00	36.49 -0.37 0.00	39.19 -0.59 -0.24	42.83 -0.60 -0.81	44.91 -0.92 0.00	48.09 -1.03 0.00	55.52 -1.13 0.00	61.14 -1.19 0.00	61.79 -1.24 -0.78	60.89 -1.41 -1.09	59.36 -1.32 -0.72	75.07 -1.26 -6.41	72.89 -1.10 -5.23	60.86 -0.82 -3.44	58.69 -0.49 -4.44	52.12 -0.40 -2.95	43.10 -0.42 -1.22	37.71 -0.41 -0.93
EAST_RIVER___1 323558	42.16 3.69 0.00	39.00 3.45 0.00	36.28 3.03 0.00	34.10 2.64 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.00 3.35 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.65 0.00	51.14 5.31 0.00	57.03 6.19 -1.71	63.68 7.02 0.00	69.74 7.41 0.00	81.82 7.59 -11.97	99.54 7.65 -30.69	121.62 7.31 -54.35	126.71 8.25 -48.55	100.00 7.84 -23.40	76.41 6.41 -11.77	66.34 5.42 -6.17	54.53 4.96 0.00	46.66 4.36 0.00	41.20 4.02 0.00
EAST_RIVER___2 323559	42.08 3.62 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.97 3.32 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.65 0.00	51.19 5.36 0.00	57.03 6.19 -1.71	63.62 6.97 0.00	69.62 7.29 0.00	81.75 7.53 -11.97	99.47 7.59 -30.69	121.50 7.19 -54.35	126.57 8.11 -48.55	99.73 7.56 -23.40	76.18 6.17 -11.77	66.13 5.20 -6.17	54.48 4.91 0.00	46.62 4.32 0.00	41.20 4.02 0.00
EAST___DELAWARE_HYD 23607	41.28 2.81 0.00	38.19 2.63 0.00	35.58 2.33 0.00	33.57 2.11 0.00	32.35 2.00 0.00	35.08 2.14 0.00	38.11 2.46 0.00	39.40 2.54 0.00	42.24 2.69 0.00	45.59 2.98 0.00	49.31 3.48 0.00	53.10 3.98 0.00	61.53 4.87 0.00	67.62 5.29 0.00	78.41 5.48 -10.67	90.04 5.57 -23.27	100.29 5.51 -34.82	107.37 6.43 -31.03	89.79 6.19 -14.84	73.76 5.18 -10.34	63.86 4.32 -4.79	53.44 3.87 0.00	45.52 3.21 0.00	39.98 2.79 0.00
EIGHT_POINT___WT_PWR 323820	39.99 1.38 -0.14	36.79 1.14 -0.10	34.08 0.83 0.00	32.21 0.75 0.00	31.02 0.67 0.00	33.73 0.79 0.00	36.65 1.00 0.00	37.34 0.48 0.00	40.05 0.48 -0.03	42.97 0.26 -0.10	45.97 0.14 0.00	49.27 0.15 0.00	57.10 0.45 0.00	62.95 0.62 0.00	64.26 -0.31 -2.31	63.90 -0.55 -3.25	61.51 -0.60 -2.15	72.43 -1.47 -3.99	71.79 -0.90 -3.93	60.10 -0.82 -2.68	54.84 -0.93 -1.03	49.31 -0.69 -0.44	42.08 -0.51 -0.28	37.63 0.22 -0.22
ELBRIDGE_115KV_TB2 80188	39.06 -0.12 -0.70	35.79 -0.14 -0.38	32.89 -0.20 0.16	31.13 -0.19 0.13	30.02 -0.21 0.12	32.72 -0.23 -0.01	35.47 -0.18 0.00	36.60 -0.26 0.00	39.41 -0.28 -0.14	42.80 -0.30 -0.49	45.32 -0.50 0.00	48.63 -0.49 0.00	56.20 -0.45 0.00	61.96 -0.37 0.00	62.93 -0.50 -1.17	62.23 -0.61 -1.64	60.44 -0.60 -1.08	74.55 -0.56 -5.20	71.65 -0.48 -3.37	59.90 -0.41 -2.07	56.99 -0.16 -2.40	51.71 -0.25 -2.39	43.61 -0.17 -1.47	38.34 0.04 -1.12
ELEC_TRO_TEK 24086	42.24 3.77 0.00	40.25 3.70 -1.00	39.80 3.29 -3.25	39.11 2.96 -4.70	39.11 2.85 -5.91	39.50 3.13 -3.43	39.71 3.64 -0.42	40.77 3.91 0.00	43.62 4.07 0.00	47.00 4.39 0.00	51.37 5.55 0.00	62.11 6.29 -6.69	63.73 7.08 0.00	75.06 7.98 -4.75	82.25 8.03 -11.96	99.77 7.89 -30.68	121.97 7.67 -54.33	127.26 8.81 -48.54	100.63 8.46 -23.41	82.67 6.99 -17.45	69.93 6.02 -9.16	54.87 5.30 0.00	46.87 4.57 0.00	41.13 3.94 0.00

ELLENBURG_WT_PWR 323604	37.47 -1.00 0.00	34.70 -0.85 0.00	32.45 -0.80 0.00	30.70 -0.76 0.00	29.77 -0.58 0.00	33.11 0.17 0.00	36.36 0.71 0.00	37.64 0.78 0.00	40.49 0.95 0.00	43.17 0.55 0.00	46.29 0.46 0.00	48.34 -0.79 0.00	54.73 -1.93 0.00	60.14 -2.18 0.01	60.02 -2.24 0.00	58.88 -2.33 0.00	57.32 -2.64 0.00	59.46 -3.14 7.31	59.41 -3.16 6.19	55.97 -2.27 0.00	51.01 -2.30 1.44	30.74 -1.74 17.10	20.94 -1.27 20.09	20.69 -1.26 15.23
ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.47 0.00 0.00	35.38 -0.18 0.00	32.82 -0.43 0.00	31.02 -0.44 0.00	29.80 -0.55 0.00	32.48 -0.46 0.00	35.19 -0.46 0.00	35.57 -1.29 0.00	38.12 -1.42 0.00	40.74 -1.87 0.00	43.58 -2.25 0.00	46.82 -2.31 0.00	54.33 -2.32 0.00	59.90 -2.43 0.00	60.66 -3.36 -1.77	59.71 -3.98 -2.48	57.59 -4.02 -1.64	66.97 -5.10 -2.16	66.67 -4.47 -2.38	56.23 -3.67 -1.66	51.30 -3.50 -0.06	46.66 -2.88 0.03	40.19 -2.12 0.00	36.74 -0.45 0.00
EMPIRE_CC_1 323656	39.78 1.31 0.00	36.87 1.32 0.00	34.52 1.26 0.00	32.62 1.16 0.00	31.47 1.12 0.00	34.13 1.18 0.00	36.79 1.14 0.00	38.15 1.29 0.00	40.93 1.38 0.00	44.10 1.49 0.00	47.52 1.70 0.00	51.04 1.91 0.00	58.86 2.21 0.00	64.89 2.56 0.00	80.07 2.68 -15.14	86.28 2.45 -22.63	92.82 2.52 -30.35	133.31 3.00 -60.39	144.88 2.95 -73.16	85.40 2.45 -24.71	72.57 2.19 -15.63	51.45 1.88 0.00	43.91 1.61 0.00	38.49 1.30 0.00
EMPIRE_CC_2 323658	39.78 1.31 0.00	36.87 1.32 0.00	34.52 1.26 0.00	32.62 1.16 0.00	31.47 1.12 0.00	34.13 1.18 0.00	36.79 1.14 0.00	38.15 1.29 0.00	40.93 1.38 0.00	44.10 1.49 0.00	47.52 1.70 0.00	51.04 1.91 0.00	58.86 2.21 0.00	64.89 2.56 0.00	80.07 2.68 -15.14	86.28 2.45 -22.63	92.82 2.52 -30.35	133.31 3.00 -60.39	144.88 2.95 -73.16	85.40 2.45 -24.71	72.57 2.19 -15.63	51.45 1.88 0.00	43.91 1.61 0.00	38.49 1.30 0.00
ENORWICH_115KV_TB1 80156	42.32 3.58 -0.27	38.95 3.20 -0.19	35.95 2.69 0.00	34.10 2.64 0.00	32.84 2.49 0.00	35.71 2.77 0.00	39.00 3.35 0.00	42.24 5.38 0.00	45.16 5.58 -0.04	49.22 6.48 -0.13	52.34 6.51 0.00	54.58 5.45 0.00	63.05 6.40 0.00	69.37 7.04 0.00	73.11 6.54 -4.32	74.27 6.24 -6.83	72.70 6.48 -6.27	84.28 5.17 -9.19	84.72 5.43 -10.53	70.41 4.95 -7.22	63.08 4.60 -3.73	54.98 4.51 -0.90	46.42 3.55 -0.56	40.63 3.01 -0.43
ERIE_ST__34_KV_TB1-2 80199	38.85 0.38 0.00	35.73 0.18 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.11 -0.24 0.00	32.78 -0.16 0.00	35.62 -0.04 0.00	36.05 -0.81 0.00	38.72 -0.83 0.00	41.38 -1.24 0.00	44.32 -1.51 0.00	47.70 -1.42 0.00	55.35 -1.30 0.00	61.21 -1.12 0.00	61.41 -2.68 -1.84	60.53 -3.24 -2.58	58.43 -3.24 -1.70	68.09 -4.12 -2.30	68.35 -2.39 -2.48	57.58 -2.39 -1.73	51.74 -3.12 -0.11	47.50 -2.03 0.03	40.86 -1.44 0.00	37.26 0.07 0.00
ERIE_WT_PWR 323693	38.78 0.31 0.00	35.66 0.11 0.00	33.05 -0.20 0.00	31.27 -0.19 0.00	30.05 -0.30 0.00	32.71 -0.23 0.00	35.47 -0.18 0.00	35.87 -0.99 0.00	38.48 -1.07 0.00	41.08 -1.53 0.00	44.27 -1.56 0.00	47.36 -1.77 0.00	54.95 -1.70 0.00	60.46 -1.87 0.00	61.08 -2.99 -1.81	60.44 -3.31 -2.55	58.40 -3.24 -1.68	67.71 -4.48 -2.27	67.45 -3.78 -2.48	56.87 -3.09 -1.72	51.57 -3.28 -0.11	47.06 -2.48 0.03	40.53 -1.78 0.00	36.85 -0.34 0.00
ESPRGFLD_115KV_TB1 80157	41.32 2.85 0.00	38.19 2.63 0.00	35.61 2.36 0.00	33.69 2.23 0.00	32.51 2.15 0.00	35.32 2.37 0.00	38.40 2.75 0.00	39.59 2.73 0.00	42.39 2.85 0.00	45.72 3.11 0.00	49.13 3.30 0.00	52.42 3.29 0.00	60.51 3.85 0.00	66.51 4.18 0.00	66.47 3.98 -0.23	65.18 3.98 0.00	65.71 3.84 -1.92	82.16 4.89 -7.36	129.58 5.16 -55.67	95.92 4.66 -33.02	75.34 4.38 -16.22	53.68 4.11 0.00	45.65 3.34 0.00	39.97 2.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.15 1.31 -0.37	36.96 1.14 -0.26	34.18 0.93 0.00	32.37 0.91 0.00	31.20 0.85 0.00	33.90 0.96 0.00	36.83 1.18 0.00	37.82 0.96 0.00	40.62 0.99 -0.08	43.90 1.02 -0.27	46.74 0.92 0.00	50.16 1.03 0.00	57.96 1.30 0.00	63.95 1.62 0.00	66.08 1.37 -2.46	65.94 1.29 -3.45	63.56 1.32 -2.28	77.15 1.75 -5.49	75.97 2.06 -5.14	63.54 1.86 -3.44	58.72 1.81 -2.17	52.40 1.59 -1.24	44.39 1.31 -0.77	39.00 1.23 -0.59
ETNA____115KV_TB2 80207	40.15 1.31 -0.37	36.96 1.14 -0.26	34.18 0.93 0.00	32.37 0.91 0.00	31.20 0.85 0.00	33.90 0.96 0.00	36.83 1.18 0.00	37.82 0.96 0.00	40.62 0.99 -0.08	43.90 1.02 -0.27	46.74 0.92 0.00	50.16 1.03 0.00	57.96 1.30 0.00	63.95 1.62 0.00	66.08 1.37 -2.46	65.94 1.29 -3.45	63.56 1.32 -2.28	77.15 1.75 -5.49	75.97 2.06 -5.14	63.54 1.86 -3.44	58.72 1.81 -2.17	52.40 1.59 -1.24	44.39 1.31 -0.77	39.00 1.23 -0.59
EUCLID____115KV_TB2 356179	38.42 -0.35 -0.30	35.22 -0.39 -0.05	32.64 -0.40 0.21	30.94 -0.35 0.18	29.83 -0.36 0.16	32.55 -0.40 0.00	35.26 -0.39 0.00	36.42 -0.44 0.00	39.13 -0.47 -0.06	42.35 -0.47 -0.21	45.19 -0.64 0.00	48.44 -0.69 0.00	55.97 -0.68 0.00	61.71 -0.62 0.00	62.42 -0.75 -0.91	61.69 -0.80 -1.28	60.03 -0.78 -0.85	71.92 -0.84 -2.85	69.37 -0.83 -1.43	58.42 -0.70 -0.88	54.88 -0.44 -0.57	50.07 -0.50 -0.99	42.50 -0.42 -0.62	37.40 -0.26 -0.48
E_CANADA_CAP_HY 24051	42.01 3.54 0.00	38.86 3.31 0.00	36.18 2.93 0.00	34.16 2.71 0.00	32.99 2.64 0.00	35.84 2.90 0.00	38.93 3.28 0.00	39.89 3.02 0.00	42.67 3.12 0.00	45.81 3.20 0.00	49.17 3.34 0.00	52.61 3.49 0.00	60.79 4.13 0.00	66.69 4.36 0.00	84.01 4.17 -17.58	89.69 4.22 -24.27	82.54 4.08 -18.50	111.50 5.60 -35.99	145.28 6.19 -70.33	105.57 5.71 -41.62	80.58 5.37 -20.46	54.57 5.00 0.00	46.41 4.10 0.00	40.57 3.38 0.00
E_CANADA_MHWK_HY 24050	39.51 1.04 0.00	36.39 0.96 0.12	33.95 0.86 0.16	32.14 0.82 0.14	31.02 0.79 0.12	33.83 0.89 0.00	36.61 0.96 0.00	37.93 1.07 0.00	40.70 1.15 0.00	43.94 1.32 0.00	47.25 1.42 0.00	50.45 1.33 0.00	58.18 1.53 0.00	63.95 1.62 0.00	63.75 1.49 0.00	62.49 1.29 0.00	61.28 1.32 0.00	71.89 1.61 -0.37	70.45 1.37 -0.31	59.40 1.16 0.00	55.86 1.04 -0.07	51.42 0.99 -0.86	44.11 0.80 -1.01	38.66 0.70 -0.77
E_FISHKILL____LBMP 23776	41.28 2.81 0.00	38.22 2.67 0.00	35.65 2.39 0.00	33.63 2.17 0.00	32.44 2.09 0.00	35.18 2.24 0.00	38.22 2.57 0.00	39.70 2.84 0.00	42.63 3.08 0.00	46.02 3.41 0.00	49.86 4.03 0.00	55.45 4.62 -1.71	61.92 5.27 0.00	68.13 5.80 0.00	80.47 5.98 -12.24	98.52 5.94 -31.38	121.31 5.76 -55.59	126.19 6.57 -49.71	99.02 6.26 -24.00	75.41 5.12 -12.04	65.51 4.43 -6.32	53.49 3.92 0.00	45.65 3.34 0.00	40.09 2.90 0.00
FALCON____SEABRD_CC1 323796	37.93 -0.54 0.00	35.13 -0.43 0.00	32.82 -0.43 0.00	31.08 -0.38 0.00	30.14 -0.21 0.00	33.18 0.23 0.00	36.47 0.82 0.00	37.75 0.88 0.00	40.62 1.07 0.00	43.29 0.68 0.00	46.47 0.64 0.00	48.34 -0.79 0.00	54.67 -1.98 0.00	60.08 -2.24 0.01	59.95 -2.30 0.00	58.81 -2.39 0.00	57.32 -2.64 0.00	59.46 -3.14 7.31	59.41 -3.16 6.19	56.08 -2.15 0.00	51.23 -2.08 1.44	31.19 -1.29 17.09	21.20 -1.02 20.09	20.95 -1.00 15.23

FALCON___SEABRD_CC2 323797	37.93 -0.54 0.00	35.13 -0.43 0.00	32.82 -0.43 0.00	31.08 -0.38 0.00	30.14 -0.21 0.00	33.18 0.23 0.00	36.47 0.82 0.00	37.75 0.88 0.00	40.62 1.07 0.00	43.29 0.68 0.00	46.47 0.64 0.00	48.34 -0.79 0.00	54.67 -1.98 0.00	60.08 -2.24 0.01	59.95 -2.30 0.00	58.81 -2.39 0.00	57.32 -2.64 0.00	59.46 -3.14 7.31	59.41 -3.16 6.19	56.08 -2.15 0.00	51.23 -2.08 1.44	31.19 -1.29 17.09	21.20 -1.02 20.09	20.95 -1.00 15.23
FAR ROCKAWAY___4 23548	43.09 4.62 0.00	41.00 4.44 -1.00	40.46 3.96 -3.25	39.71 3.55 -4.70	39.69 3.43 -5.91	40.13 3.76 -3.43	40.39 4.31 -0.42	41.40 4.53 0.00	44.41 4.86 0.00	47.85 5.24 0.00	52.47 6.65 0.00	62.89 7.07 -6.69	64.58 7.93 0.00	75.97 8.91 -4.73	83.12 8.90 -11.96	100.63 8.75 -30.68	122.80 8.51 -54.33	128.31 9.86 -48.54	101.66 9.49 -23.41	83.55 7.86 -17.45	70.75 6.84 -9.16	55.62 6.05 0.00	47.85 5.54 0.00	41.98 4.80 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.20 3.73 0.00	39.04 3.48 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.26 4.64 0.00	51.24 5.41 0.00	56.98 6.14 -1.71	63.56 6.91 0.00	69.75 7.42 0.00	81.88 7.66 -11.97	99.54 7.65 -30.69	121.62 7.32 -54.35	126.79 8.32 -48.56	100.09 7.91 -23.42	76.42 6.41 -11.78	66.40 5.47 -6.18	54.53 4.96 0.00	46.70 4.40 0.00	41.16 3.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.20 3.73 0.00	39.04 3.48 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.26 4.64 0.00	51.24 5.41 0.00	56.98 6.14 -1.71	63.56 6.91 0.00	69.75 7.42 0.00	81.88 7.66 -11.97	99.54 7.65 -30.69	121.62 7.32 -54.35	126.79 8.32 -48.56	100.09 7.91 -23.42	76.48 6.46 -11.78	66.46 5.53 -6.18	54.58 5.01 0.00	46.70 4.40 0.00	41.20 4.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.16 3.69 0.00	39.00 3.45 0.00	36.28 3.03 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.04 3.39 0.00	40.66 3.76 0.00	43.74 4.19 0.00	47.22 4.60 0.00	51.19 5.36 0.00	56.93 6.09 -1.71	63.51 6.86 0.00	69.75 7.42 0.00	81.82 7.60 -11.97	99.48 7.59 -30.69	121.56 7.26 -54.35	126.72 8.25 -48.56	100.02 7.84 -23.42	76.37 6.35 -11.78	66.35 5.42 -6.18	54.53 4.96 0.00	46.66 4.36 0.00	41.13 3.94 0.00
FARRAGUT___LBMP 323566	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.17 4.56 0.00	51.14 5.32 0.00	56.83 5.99 -1.71	63.45 6.80 0.00	69.62 7.29 0.00	81.69 7.47 -11.97	99.41 7.53 -30.69	121.50 7.20 -54.35	126.58 8.11 -48.56	99.88 7.70 -23.42	76.31 6.29 -11.78	66.29 5.37 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
FENNER___WINDPWR 24204	39.90 1.15 -0.28	36.52 0.99 0.03	33.79 0.83 0.30	32.02 0.82 0.25	30.89 0.76 0.22	33.80 0.86 0.00	36.72 1.07 0.00	37.97 1.10 0.00	40.79 1.19 -0.06	44.17 1.36 -0.20	47.20 1.37 0.00	50.35 1.23 0.00	58.18 1.53 0.00	64.01 1.68 0.00	65.32 1.56 -1.51	64.78 1.47 -2.11	62.91 1.56 -1.40	75.49 1.89 -3.70	74.16 2.00 -3.40	62.24 1.75 -2.26	57.95 1.75 -1.45	52.19 1.69 -0.93	44.20 1.31 -0.58	38.74 1.11 -0.44
FIBERTEK___ENERGY 23856	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.51 -0.14 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.78 -0.34 0.00	56.31 -0.34 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.36 -0.37 -1.53	60.55 -0.42 -1.01	74.28 -0.42 -4.79	71.51 -0.34 -3.09	59.84 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.57 -0.08 -1.35	38.40 0.19 -1.03
FITZPATRICK____ 23598	33.51 -1.08 3.89	31.74 -1.03 2.78	32.26 -1.00 0.00	30.54 -0.91 0.00	29.44 -0.91 0.00	31.92 -0.99 0.03	34.62 -1.04 0.00	35.76 -1.10 0.00	37.53 -1.23 0.79	38.64 -1.28 2.70	44.32 -1.51 0.00	47.50 -1.62 0.00	54.84 -1.82 0.00	60.40 -1.93 0.00	60.92 -1.99 -0.66	60.11 -2.02 -0.93	58.65 -1.92 -0.61	50.00 -2.17 17.74	48.00 -2.13 18.63	45.00 -1.81 11.43	40.00 -1.48 13.27	35.00 -1.39 13.18	33.00 -1.18 8.12	30.00 -1.00 6.18
FLOWRFLD_69_KV_BK1 356044	42.59 4.12 0.00	40.82 4.27 -1.00	40.30 3.79 -3.25	39.58 3.43 -4.70	39.57 3.31 -5.91	40.00 3.62 -3.43	40.28 4.21 -0.42	41.25 4.39 0.00	43.70 4.15 0.00	46.92 4.30 0.00	51.80 5.96 -0.02	153.83 6.68 -98.02	162.17 7.59 -97.93	168.62 8.60 -97.69	279.92 8.65 -209.01	310.90 8.51 -241.20	355.19 8.27 -286.95	324.70 9.65 -245.14	351.39 9.42 -273.21	203.21 7.86 -137.11	183.21 6.79 -121.68	156.09 5.80 -100.72	52.02 5.03 -4.69	41.13 3.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.97 3.50 0.00	38.86 3.31 0.00	36.21 2.96 0.00	34.13 2.67 0.00	32.90 2.55 0.00	35.71 2.77 0.00	38.79 3.14 0.00	40.11 3.24 0.00	43.07 3.52 0.00	46.53 3.92 0.00	50.41 4.58 0.00	54.28 5.16 0.00	62.83 6.18 0.00	69.19 6.86 0.00	81.27 7.03 -11.98	97.52 7.04 -29.28	116.50 6.84 -49.71	122.67 7.90 -44.86	98.39 7.63 -22.00	76.26 6.29 -11.73	66.07 5.31 -6.01	54.23 4.66 0.00	46.24 3.93 0.00	40.61 3.42 0.00
FORT ORANGE____ 23900	39.70 1.23 0.00	36.76 1.21 0.00	34.38 1.13 0.00	32.46 1.01 0.00	31.32 0.97 0.00	33.97 1.02 0.00	36.65 1.00 0.00	37.89 1.03 0.00	40.70 1.15 0.00	43.85 1.24 0.00	47.20 1.37 0.00	50.35 1.23 0.00	58.12 1.47 0.00	63.95 1.62 0.00	75.64 1.74 -11.64	83.56 1.59 -20.78	53.49 1.74 8.21	4.99 2.38 67.30	-15.18 2.41 86.35	70.48 1.86 -10.38	50.07 1.75 6.42	51.06 1.49 0.00	43.78 1.48 0.00	38.34 1.15 0.00
FORT_DRUM_COGEN 23780	39.01 -0.04 -0.58	34.26 -0.11 1.19	30.90 -0.27 2.09	29.52 -0.19 1.75	28.64 -0.15 1.56	32.78 -0.16 -0.01	35.79 0.14 0.00	37.05 0.18 0.00	39.71 0.04 -0.12	43.10 0.09 -0.40	45.60 -0.23 0.00	48.39 -0.74 0.00	55.92 -0.74 0.00	61.46 -0.87 0.00	61.80 -1.00 -0.54	60.80 -1.16 -0.76	59.56 -0.90 -0.50	71.39 -0.70 -2.18	69.97 -0.34 -1.55	60.18 0.23 -1.71	56.99 0.38 -1.86	48.82 0.69 1.44	39.75 0.25 2.80	35.14 0.07 2.12
FOX_HILLS___ESR 323835	42.40 3.92 -0.01	39.26 3.70 -0.01	36.49 3.23 -0.01	34.33 2.86 -0.01	33.12 2.76 -0.01	35.98 3.03 -0.01	39.18 3.53 0.00	40.77 3.91 0.00	43.90 4.35 0.00	47.26 4.64 0.00	51.47 5.59 -0.06	78.78 6.19 -23.46	68.93 6.86 -5.42	78.04 7.23 -8.48	81.69 7.41 -12.02	99.23 7.34 -30.69	121.26 6.96 -54.35	126.29 7.83 -48.55	99.67 7.49 -23.41	76.07 6.06 -11.77	75.08 5.42 -14.91	75.25 5.01 -20.67	46.87 4.57 0.00	44.77 4.16 -3.42
FPL FAR_ROCK_GT1 24212	43.09 4.61 -0.01	41.00 4.44 -1.00	40.47 3.96 -3.26	39.71 3.55 -4.70	39.69 3.43 -5.91	40.13 3.75 -3.43	40.35 4.28 -0.42	41.40 4.53 -0.01	44.41 4.86 0.00	47.85 5.24 0.00	52.43 6.60 -0.01	62.99 7.17 -6.69	64.81 8.16 0.00	75.97 8.91 -4.73	83.12 8.90 -11.96	100.69 8.82 -30.68	122.86 8.57 -54.33	128.37 9.92 -48.53	101.57 9.42 -23.39	83.53 7.86 -17.43	70.74 6.84 -9.16	55.61 6.05 0.00	47.89 5.58 -0.01	42.02 4.83 -0.01

FPL FAR_ROCK_GT2 23815	43.09 4.61 -0.01	41.00 4.44 -1.00	40.47 3.96 -3.26	39.71 3.55 -4.70	39.69 3.43 -5.91	40.13 3.75 -3.43	40.35 4.28 -0.42	41.40 4.53 -0.01	44.41 4.86 0.00	47.85 5.24 0.00	52.43 6.60 -0.01	62.99 7.17 -6.69	64.81 8.16 0.00	75.97 8.91 -4.73	83.12 8.90 -11.96	100.69 8.82 -30.68	122.86 8.57 -54.33	128.37 9.92 -48.53	101.57 9.42 -23.39	83.53 7.86 -17.43	70.74 6.84 -9.16	55.61 6.05 0.00	47.89 5.58 -0.01	42.02 4.83 -0.01
FRANKLIN_FALL_HYD 24054	37.35 -1.12 0.00	32.64 -1.00 1.92	29.83 -0.93 2.49	28.49 -0.88 2.09	27.79 -0.70 1.86	32.25 -0.69 0.00	35.40 -0.25 0.00	36.64 -0.22 0.00	39.39 -0.16 0.00	42.10 -0.51 0.00	45.19 -0.64 0.00	48.34 -0.79 0.00	55.46 -1.19 0.00	60.39 -1.93 0.01	60.26 -1.99 0.00	59.73 -1.47 0.00	58.40 -1.56 0.00	60.38 -2.66 6.87	60.40 -2.54 5.82	56.20 -2.04 0.00	51.48 -1.92 1.35	31.61 -1.88 16.07	21.76 -1.65 18.89	21.30 -1.56 14.32
FREEPORT_EQUUS_GT1 23764	42.59 4.12 0.00	40.61 4.05 -1.00	40.13 3.63 -3.26	39.39 3.24 -4.70	39.38 3.13 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	41.03 4.16 0.00	43.94 4.39 0.00	47.30 4.69 0.00	51.65 5.82 0.00	62.35 6.53 -6.69	64.13 7.48 0.00	75.30 8.23 -4.74	82.50 8.28 -11.96	100.02 8.14 -30.68	122.26 7.98 -54.33	127.67 9.23 -48.53	100.89 8.73 -23.39	83.01 7.34 -17.43	70.20 6.29 -9.16	55.42 5.85 0.00	47.34 5.03 0.00	41.54 4.35 0.00
FREEPORT___CT2 23818	42.59 4.12 0.00	40.61 4.05 -1.00	40.13 3.63 -3.26	39.39 3.24 -4.70	39.38 3.13 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	41.03 4.16 0.00	43.94 4.39 0.00	47.30 4.69 0.00	51.65 5.82 0.00	62.35 6.53 -6.69	64.13 7.48 0.00	75.30 8.23 -4.74	82.50 8.28 -11.96	100.02 8.14 -30.68	122.26 7.98 -54.33	127.67 9.23 -48.53	100.89 8.73 -23.39	83.01 7.34 -17.43	70.20 6.29 -9.16	55.42 5.85 0.00	47.34 5.03 0.00	41.54 4.35 0.00
FRESHKLS_33_KV_LOAD 356253	42.36 3.89 -0.01	39.23 3.66 -0.01	36.49 3.23 -0.01	34.33 2.86 -0.01	33.12 2.76 -0.01	35.98 3.03 -0.01	39.15 3.49 0.00	40.69 3.83 0.01	43.81 4.27 0.01	46.07 4.56 1.10	46.84 5.50 4.49	47.24 6.14 8.03	54.25 6.80 9.20	61.15 7.17 8.35	74.11 7.41 -4.44	89.49 7.34 -20.94	97.25 6.96 -30.33	101.87 7.90 -24.06	89.83 7.49 -13.58	66.24 6.06 -1.94	47.29 5.42 12.88	54.57 5.01 0.01	46.82 4.53 0.01	43.07 4.13 -1.75
FULTON COGEN____ 23766	39.38 -0.42 -1.33	35.85 -0.46 -0.75	32.53 -0.47 0.26	30.80 -0.44 0.22	29.70 -0.46 0.20	32.46 -0.49 -0.01	35.19 -0.46 0.00	36.35 -0.52 0.00	39.23 -0.59 -0.27	42.90 -0.64 -0.92	44.91 -0.92 0.00	48.19 -0.93 0.00	55.63 -1.02 0.00	61.39 -0.93 0.00	62.05 -1.06 -0.85	61.29 -1.10 -1.19	59.67 -1.08 -0.79	76.60 -1.05 -7.74	74.18 -0.96 -6.38	61.34 -0.82 -3.92	59.42 -0.49 -5.17	53.57 -0.55 -4.55	44.62 -0.47 -2.78	38.97 -0.33 -2.12
FULTON___LFGE 323630	44.24 5.77 0.00	40.92 5.37 0.00	37.91 4.66 0.00	35.70 4.24 0.00	34.48 4.13 0.00	37.49 4.55 0.00	40.93 5.28 0.00	42.10 5.23 0.00	45.36 5.82 0.00	48.88 6.27 0.00	52.43 6.60 0.00	55.85 6.73 0.00	64.53 7.87 0.00	70.74 8.41 0.00	87.01 7.84 -16.91	92.56 8.08 -23.28	86.10 8.09 -18.05	116.02 10.42 -35.69	155.28 10.72 -75.80	112.46 9.38 -44.84	85.50 8.71 -22.05	57.65 8.08 0.00	48.78 6.47 0.00	42.54 5.36 0.00
G.F.CEMENT___DRP 24184	41.51 3.04 0.00	38.40 2.84 0.00	35.78 2.53 0.00	33.69 2.23 0.00	32.51 2.15 0.00	35.32 2.37 0.00	38.25 2.60 0.00	39.52 2.65 0.00	42.59 3.05 0.00	45.98 3.37 0.00	49.22 3.39 0.00	52.71 3.59 0.00	60.79 4.14 0.00	66.63 4.30 0.00	82.07 3.98 -15.83	86.26 3.86 -21.20	83.85 3.90 -20.00	121.21 5.03 -46.26	171.51 5.64 -97.11	112.97 5.01 -49.73	85.52 4.87 -25.90	54.08 4.51 0.00	45.86 3.55 0.00	40.05 2.86 0.00
GARDENVILLE___LBMP 24039	38.62 0.15 0.00	35.55 0.00 0.00	32.95 -0.30 0.00	31.14 -0.31 0.00	29.93 -0.42 0.00	32.58 -0.36 0.00	35.33 -0.32 0.00	35.76 -1.11 0.00	38.32 -1.23 0.00	40.95 -1.66 0.00	43.81 -2.02 0.00	47.06 -2.06 0.00	54.61 -2.04 0.00	60.21 -2.12 0.00	60.95 -3.11 -1.81	60.01 -3.73 -2.54	57.86 -3.78 -1.68	67.33 -4.82 -2.24	67.07 -4.13 -2.44	56.56 -3.38 -1.70	51.50 -3.34 -0.09	46.91 -2.63 0.03	40.40 -1.90 0.00	36.89 -0.30 0.00
GARDNVLA_35_KV_LD 355827	38.82 0.35 0.00	35.70 0.14 0.00	33.12 -0.13 0.00	31.30 -0.16 0.00	30.08 -0.27 0.00	32.75 -0.20 0.00	35.51 -0.14 0.00	35.94 -0.92 0.00	38.52 -1.03 0.00	41.16 -1.45 0.00	44.09 -1.74 0.00	47.36 -1.77 0.00	54.95 -1.70 0.00	60.65 -1.68 0.00	61.27 -2.80 -1.82	60.38 -3.37 -2.55	58.17 -3.48 -1.69	67.77 -4.40 -2.27	67.50 -3.71 -2.45	56.92 -3.03 -1.71	51.73 -3.12 -0.10	47.11 -2.43 0.03	40.57 -1.73 0.00	37.07 -0.11 0.00
GELCKHM___115KV_LOAD 80723	38.62 -0.27 -0.42	35.39 -0.32 -0.15	32.72 -0.33 0.20	30.98 -0.31 0.16	29.87 -0.33 0.15	32.59 -0.36 0.00	35.33 -0.32 0.00	36.49 -0.37 0.00	39.24 -0.40 -0.09	42.52 -0.38 -0.29	45.23 -0.60 0.00	48.53 -0.59 0.00	56.09 -0.57 0.00	61.83 -0.50 0.00	62.61 -0.62 -0.98	61.90 -0.67 -1.37	60.21 -0.66 -0.91	72.76 -0.70 -3.55	70.10 -0.69 -2.03	58.90 -0.58 -1.24	55.54 -0.33 -1.12	50.59 -0.40 -1.42	42.85 -0.34 -0.88	37.75 -0.11 -0.67
GENERAL___MILLS 23808	38.74 0.27 0.00	35.63 0.07 0.00	33.05 -0.20 0.00	31.24 -0.22 0.00	30.02 -0.33 0.00	32.68 -0.26 0.00	35.44 -0.21 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.04 -1.58 0.00	43.95 -1.88 0.00	47.21 -1.92 0.00	54.78 -1.87 0.00	60.40 -1.93 0.00	61.08 -2.99 -1.81	60.14 -3.61 -2.55	57.99 -3.66 -1.68	67.56 -4.61 -2.26	67.29 -3.92 -2.45	56.74 -3.20 -1.70	51.61 -3.23 -0.10	47.01 -2.53 0.03	40.48 -1.82 0.00	36.96 -0.22 0.00
GE_PLASTICS___DRP 24183	39.74 1.27 0.00	36.80 1.24 0.00	34.45 1.20 0.00	32.56 1.10 0.00	31.41 1.06 0.00	34.06 1.12 0.00	36.76 1.11 0.00	38.04 1.18 0.00	40.85 1.31 0.00	44.02 1.41 0.00	47.48 1.65 0.00	50.35 1.23 0.00	57.96 1.30 0.00	63.89 1.56 0.00	76.65 1.62 -12.77	79.15 1.53 -16.42	60.42 1.50 1.04	38.11 1.89 33.69	27.60 1.86 43.01	73.38 1.51 -13.63	55.49 1.37 0.63	50.76 1.19 0.00	43.83 1.52 0.00	38.41 1.23 0.00
GILBOA___1 23756	39.97 1.50 0.00	36.98 1.42 0.00	34.91 1.66 0.00	33.09 1.63 0.00	31.93 1.58 0.00	34.62 1.68 0.00	37.11 1.46 0.00	38.30 1.44 0.00	41.13 1.58 0.00	44.36 1.75 0.00	47.84 2.01 0.00	51.38 2.26 0.00	59.32 2.66 0.00	65.14 2.81 0.00	76.44 2.80 -11.38	77.15 2.69 -13.26	65.00 2.52 -2.52	85.31 2.66 -12.75	84.44 2.55 -13.13	69.65 2.27 -9.15	61.18 2.19 -4.24	51.60 2.03 0.00	44.04 1.74 0.00	38.71 1.53 0.00
GILBOA___2 23757	39.97 1.50 0.00	36.98 1.42 0.00	34.91 1.66 0.00	33.09 1.63 0.00	31.93 1.58 0.00	34.62 1.68 0.00	37.11 1.46 0.00	38.30 1.44 0.00	41.13 1.58 0.00	44.36 1.75 0.00	47.84 2.01 0.00	51.38 2.26 0.00	59.32 2.66 0.00	65.14 2.81 0.00	76.44 2.80 -11.38	77.15 2.69 -13.26	65.00 2.52 -2.52	85.31 2.66 -12.75	84.44 2.55 -13.13	69.65 2.27 -9.15	61.18 2.19 -4.24	51.60 2.03 0.00	44.04 1.74 0.00	38.71 1.53 0.00

GILBOA___3 23758	39.97 1.50 0.00	36.98 1.42 0.00	34.91 1.66 0.00	33.09 1.63 0.00	31.93 1.58 0.00	34.62 1.68 0.00	37.11 1.46 0.00	38.30 1.44 0.00	41.13 1.58 0.00	44.36 1.75 0.00	47.84 2.01 0.00	51.38 2.26 0.00	59.32 2.66 0.00	65.14 2.81 0.00	76.44 2.80 -11.38	77.15 2.69 -13.26	65.00 2.52 -2.52	85.31 2.66 -12.75	84.44 2.55 -13.13	69.65 2.27 -9.15	61.18 2.19 -4.24	51.60 2.03 0.00	44.04 1.74 0.00	38.71 1.53 0.00
GILBOA___4 23759	39.97 1.50 0.00	36.98 1.42 0.00	34.91 1.66 0.00	33.09 1.63 0.00	31.93 1.58 0.00	34.62 1.68 0.00	37.11 1.46 0.00	38.30 1.44 0.00	41.13 1.58 0.00	44.36 1.75 0.00	47.84 2.01 0.00	51.38 2.26 0.00	59.32 2.66 0.00	65.14 2.81 0.00	76.44 2.80 -11.38	77.15 2.69 -13.26	65.00 2.52 -2.52	85.31 2.66 -12.75	84.44 2.55 -13.13	69.65 2.27 -9.15	61.18 2.19 -4.24	51.60 2.03 0.00	44.04 1.74 0.00	38.71 1.53 0.00
GILBOA___ 23599	39.97 1.50 0.00	36.98 1.42 0.00	34.92 1.66 0.00	33.09 1.64 0.00	31.93 1.58 0.00	34.62 1.68 0.00	37.11 1.46 0.00	38.30 1.44 0.00	41.13 1.58 0.00	44.36 1.75 0.00	47.84 2.02 0.00	51.33 2.21 0.00	59.20 2.55 0.00	65.13 2.80 0.00	76.43 2.80 -11.38	77.15 2.69 -13.26	64.94 2.46 -2.52	85.33 2.66 -12.76	84.46 2.54 -13.16	69.67 2.27 -9.16	61.18 2.19 -4.25	51.60 2.03 0.00	44.04 1.73 0.00	38.67 1.49 0.00
GINNA___ 23603	37.01 -1.46 0.00	33.99 -1.56 0.00	31.62 -1.63 0.00	29.89 -1.57 0.00	28.77 -1.58 0.00	31.30 -1.65 0.00	33.94 -1.71 0.00	34.84 -2.03 0.00	37.37 -2.18 0.00	40.23 -2.39 0.00	43.26 -2.57 0.00	46.33 -2.80 0.00	53.70 -2.95 0.00	59.15 -3.18 0.00	60.11 -3.42 -1.28	59.51 -3.49 -1.80	57.79 -3.36 -1.19	67.77 -4.19 -2.06	64.56 -4.20 0.00	54.63 -3.61 0.00	50.95 -3.01 0.79	46.65 -2.88 0.04	39.81 -2.50 0.00	35.48 -1.71 0.00
GLEN PARK___ 23778	39.35 0.27 -0.61	34.61 0.14 1.08	31.21 -0.07 1.98	29.83 0.03 1.66	28.90 0.03 1.48	33.02 0.07 -0.01	36.04 0.39 0.00	37.27 0.41 0.00	39.91 0.24 -0.13	43.38 0.34 -0.43	45.87 0.05 0.00	48.63 -0.49 0.00	56.14 -0.51 0.00	61.70 -0.62 0.00	62.07 -0.74 -0.56	61.07 -0.92 -0.79	59.88 -0.60 -0.52	72.15 -0.21 -2.45	70.66 0.14 -1.76	60.74 0.70 -1.80	57.61 0.87 -1.99	49.56 1.14 1.15	40.37 0.59 2.52	35.61 0.33 1.91
GLENDALE_27_KV_LOAD 356172	42.55 4.08 0.00	39.36 3.80 0.00	36.55 3.29 0.00	34.38 2.93 0.00	33.17 2.82 0.00	36.01 3.06 0.00	39.32 3.67 0.00	40.95 4.09 0.00	44.10 4.55 0.00	47.51 4.90 0.00	51.65 5.82 0.00	57.27 6.44 -1.71	61.56 7.14 2.23	69.87 7.72 0.00	81.94 7.77 -11.97	99.66 7.32 -30.69	121.62 8.32 -54.35	126.78 7.98 -48.55	100.15 6.46 -23.41	76.47 5.64 -11.77	64.23 5.16 -3.85	54.72 4.74 0.00	47.04 4.35 0.00	41.54 0.01 -0.01
GLENWOOD_IC_1_G5 23712	42.59 4.12 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.03 3.96 -0.42	41.18 4.31 0.00	43.98 4.43 0.00	47.43 4.82 0.00	51.56 5.73 0.00	62.35 6.53 -6.69	64.07 7.42 0.00	75.62 8.41 -4.88	82.69 8.47 -11.96	100.14 8.26 -30.68	122.33 8.03 -54.33	127.75 9.30 -48.54	101.04 8.87 -23.41	82.97 7.28 -17.45	70.15 6.24 -9.16	55.02 5.45 0.00	46.96 4.65 0.00	41.46 4.28 0.00
GLENWOOD_IC_2_G1 23688	42.40 3.93 0.00	40.43 3.88 -1.00	39.97 3.46 -3.26	39.27 3.11 -4.70	39.26 3.01 -5.91	39.64 3.26 -3.43	39.85 3.78 -0.42	41.07 4.20 0.00	43.82 4.27 0.00	47.22 4.60 0.00	51.56 5.73 0.00	62.40 6.58 -6.69	64.25 7.59 0.00	75.77 8.35 -5.08	82.62 8.40 -11.96	100.20 8.32 -30.68	122.38 8.09 -54.33	127.74 9.30 -48.53	100.89 8.73 -23.39	82.95 7.28 -17.43	70.14 6.24 -9.16	55.07 5.50 0.00	47.04 4.74 0.00	41.39 4.20 0.00
GLENWOOD_IC_3_G1 23689	42.40 3.93 0.00	40.43 3.88 -1.00	39.97 3.46 -3.26	39.27 3.11 -4.70	39.26 3.01 -5.91	39.64 3.26 -3.43	39.85 3.78 -0.42	41.07 4.20 0.00	43.82 4.27 0.00	47.22 4.60 0.00	51.56 5.73 0.00	62.40 6.58 -6.69	64.25 7.59 0.00	75.77 8.35 -5.08	82.62 8.40 -11.96	100.20 8.32 -30.68	122.38 8.09 -54.33	127.74 9.30 -48.53	100.89 8.73 -23.39	82.95 7.28 -17.43	70.14 6.24 -9.16	55.07 5.50 0.00	47.04 4.74 0.00	41.39 4.20 0.00
GLENWOOD___4 23550	42.59 4.12 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.03 3.96 -0.42	41.18 4.31 0.00	43.98 4.43 0.00	47.43 4.82 0.00	51.69 5.87 0.00	62.50 6.68 -6.69	64.19 7.53 0.00	75.81 8.60 -4.88	82.81 8.59 -11.96	100.32 8.45 -30.68	122.50 8.21 -54.33	127.89 9.44 -48.54	101.18 9.01 -23.41	83.14 7.45 -17.45	70.26 6.35 -9.16	55.17 5.60 0.00	47.04 4.74 0.00	41.46 4.28 0.00
GLENWOOD___5 23614	42.59 4.12 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.03 3.96 -0.42	41.18 4.31 0.00	43.98 4.43 0.00	47.43 4.82 0.00	51.69 5.87 0.00	62.50 6.68 -6.69	64.19 7.53 0.00	75.81 8.60 -4.88	82.81 8.59 -11.96	100.32 8.45 -30.68	122.50 8.21 -54.33	127.89 9.44 -48.54	101.18 9.01 -23.41	83.14 7.45 -17.45	70.26 6.35 -9.16	55.17 5.60 0.00	47.04 4.74 0.00	41.46 4.28 0.00
GLOBAL GREEN_PORT_GT1 23814	43.32 4.85 0.00	41.46 4.91 -1.00	40.90 4.39 -3.25	40.12 3.96 -4.70	40.11 3.85 -5.91	40.66 4.28 -3.43	40.96 4.88 -0.42	42.06 5.20 0.00	45.12 5.58 0.00	48.58 5.97 0.00	53.91 8.07 -0.01	133.27 9.13 -75.01	140.44 10.54 -73.25	148.23 11.65 -74.25	233.20 11.58 -159.37	260.80 11.44 -188.15	297.96 9.66 -228.34	276.69 11.18 -195.60	289.59 10.58 -210.25	163.45 10.54 -94.67	141.40 8.98 -77.67	132.54 7.63 -75.34	54.21 6.13 -5.77	42.09 4.91 0.00
GLOBE___DSASP 323697	36.97 -1.50 0.00	34.03 -1.53 0.00	31.59 -1.66 0.00	29.92 -1.54 0.00	28.71 -1.64 0.00	31.26 -1.68 0.00	33.83 -1.82 0.00	34.02 -2.84 0.00	36.46 -3.08 0.00	38.95 -3.66 0.00	41.57 -4.26 0.00	44.56 -4.57 0.00	51.67 -4.99 0.00	56.84 -5.48 0.00	57.88 -6.04 -1.66	56.80 -6.73 -2.33	54.85 -6.66 -1.54	63.75 -8.11 -1.95	63.20 -7.77 -2.21	53.32 -6.46 -1.54	49.08 -5.64 0.03	44.58 -4.96 0.04	38.54 -3.76 0.00	35.40 -1.78 0.00
GOETHSLN___LBMP 323567	41.93 3.46 0.00	38.83 3.27 0.00	36.08 2.83 0.00	33.94 2.49 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.82 3.17 0.00	40.48 3.61 0.00	43.50 3.95 0.00	45.82 4.30 1.10	46.39 5.04 4.48	46.80 5.70 8.02	53.31 6.46 9.80	60.91 6.92 8.34	73.80 7.10 -4.45	89.31 7.16 -20.95	97.13 6.84 -30.34	101.67 7.69 -24.07	89.64 5.94 -13.59	66.13 5.94 -1.95	46.91 5.04 12.87	54.13 4.56 0.00	46.41 4.10 0.00	40.98 3.79 0.00
GOLAH___69_KV_TB 1_2 80279	38.85 0.38 0.00	35.77 0.21 0.00	33.15 -0.10 0.00	31.30 -0.16 0.00	30.14 -0.21 0.00	32.81 -0.13 0.00	35.58 -0.07 0.00	36.27 -0.59 0.00	38.80 -0.75 0.00	41.68 -0.94 0.00	44.73 -1.10 0.00	47.99 -1.13 0.00	55.63 -1.02 0.00	61.27 -1.06 0.00	62.23 -1.37 -1.35	61.38 -1.71 -1.89	59.47 -1.74 -1.25	69.77 -2.24 -2.09	66.70 -2.06 0.00	56.61 -1.63 0.00	52.86 -1.09 0.79	48.49 -1.04 0.04	41.54 -0.76 0.00	37.48 0.30 0.00

GOODYEAR_LAKE_HYD 323669	40.66 2.19 0.00	37.58 2.03 0.00	35.12 1.86 0.00	33.25 1.79 0.00	32.08 1.73 0.00	34.85 1.91 0.00	37.79 2.14 0.00	39.07 2.21 0.00	41.96 2.41 0.00	45.34 2.73 0.00	48.81 2.98 0.00	52.02 2.90 0.00	60.05 3.40 0.00	66.07 3.74 0.00	69.46 3.61 -3.59	70.33 3.49 -5.64	69.73 3.42 -6.35	84.02 4.05 -10.05	100.29 4.06 -27.47	78.32 3.61 -16.47	66.09 3.28 -8.06	52.74 3.17 0.00	44.88 2.58 0.00	39.38 2.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.77 1.04 -0.26	36.63 0.89 -0.19	34.05 0.80 0.00	32.21 0.75 0.00	31.02 0.67 0.00	33.70 0.76 0.00	36.54 0.89 0.00	37.64 0.77 0.00	40.43 0.83 -0.05	43.69 0.89 -0.18	46.70 0.87 0.00	50.11 0.98 0.00	57.90 1.25 0.00	63.89 1.56 0.00	67.13 1.18 -3.69	67.98 0.98 -5.80	66.19 0.96 -5.28	78.87 1.05 -7.91	76.88 1.31 -6.82	64.05 1.16 -4.64	58.22 0.99 -2.49	51.43 0.99 -0.87	43.69 0.85 -0.54	38.57 0.97 -0.41
GOUDEY___7 23579	39.81 1.08 -0.26	36.67 0.92 -0.19	34.05 0.80 0.00	32.24 0.79 0.00	31.05 0.70 0.00	33.74 0.79 0.00	36.58 0.93 0.00	37.67 0.81 0.00	40.47 0.87 -0.05	43.77 0.98 -0.18	46.79 0.96 0.00	50.16 1.03 0.00	58.01 1.36 0.00	63.95 1.62 0.00	67.19 1.25 -3.69	68.10 1.10 -5.80	66.25 1.02 -5.28	78.94 1.12 -7.91	76.95 1.38 -6.82	64.11 1.22 -4.64	58.28 1.04 -2.49	51.48 1.04 -0.87	43.74 0.89 -0.54	38.60 1.00 -0.41
GOUDEY___8 23580	39.77 1.04 -0.26	36.63 0.89 -0.19	34.05 0.80 0.00	32.21 0.75 0.00	31.02 0.67 0.00	33.70 0.76 0.00	36.54 0.89 0.00	37.64 0.77 0.00	40.43 0.83 -0.05	43.69 0.89 -0.18	46.70 0.87 0.00	50.11 0.98 0.00	57.90 1.25 0.00	63.89 1.56 0.00	67.13 1.18 -3.69	67.98 0.98 -5.80	66.19 0.96 -5.28	78.87 1.05 -7.91	76.88 1.31 -6.82	64.05 1.16 -4.64	58.22 0.99 -2.49	51.43 0.99 -0.87	43.69 0.85 -0.54	38.57 0.97 -0.41
GOWANUS_GT1_1 24077	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_2 24078	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_3 24079	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_4 24080	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_5 24084	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_6 24111	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_7 24112	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT1_8 24113	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	74.75 7.08 -11.01	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT2_1 24114	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT2_2 24115	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT2_3 24116	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42

GOWANUS_GT2_4 24117	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT2_5 24118	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT2_6 24119	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT2_7 24120	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT2_8 24121	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_1 24122	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_2 24123	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_3 24124	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_4 24125	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_5 24126	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_6 24127	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_7 24128	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT3_8 24129	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
GOWANUS_GT4_1 24130	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT4_2 24131	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42

GOWANUS_GT4_3 24132	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT4_4 24133	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT4_5 24134	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT4_6 24135	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT4_7 24136	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GOWANUS_GT4_8 24137	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.04 7.48 -8.23	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.17 5.58 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.88 4.28 -3.42
GREENBSH_115KV_TB3 55895	39.62 1.15 0.00	36.69 1.14 0.00	34.35 1.10 0.00	32.43 0.98 0.00	31.29 0.94 0.00	33.93 0.99 0.00	36.61 0.96 0.00	37.89 1.03 0.00	40.73 1.19 0.00	43.93 1.32 0.00	47.39 1.56 0.00	50.55 1.42 0.00	58.30 1.64 0.00	64.26 1.93 0.00	75.83 1.99 -11.58	83.54 1.84 -20.50	50.61 1.86 11.21	-0.79 2.31 73.01	-20.82 2.34 91.92	70.31 1.86 -10.21	49.35 1.70 7.09	51.06 1.49 0.00	43.74 1.44 0.00	38.26 1.08 0.00
GREENDGE_115KV_TB5 80291	39.44 0.77 -0.20	36.23 0.53 -0.14	33.55 0.30 0.00	31.90 0.44 0.00	30.71 0.36 0.00	33.28 0.33 0.00	36.22 0.57 0.00	37.16 0.29 0.00	39.87 0.28 -0.04	42.93 0.17 -0.14	45.78 -0.05 0.00	49.17 0.05 0.00	56.94 0.28 0.00	62.95 0.62 0.00	64.43 0.12 -2.05	64.02 -0.06 -2.88	61.87 0.00 -1.91	73.80 -0.14 -4.03	72.82 0.28 -3.78	61.02 0.23 -2.55	56.27 0.38 -1.14	50.43 0.20 -0.66	42.85 0.13 -0.42	38.03 0.52 -0.32
GREENIDGE___3 23582	39.44 0.77 -0.20	36.23 0.53 -0.14	33.55 0.30 0.00	31.90 0.44 0.00	30.71 0.36 0.00	33.28 0.33 0.00	36.22 0.57 0.00	37.16 0.29 0.00	39.87 0.28 -0.04	42.93 0.17 -0.14	45.78 -0.05 0.00	49.17 0.05 0.00	56.94 0.28 0.00	62.95 0.62 0.00	64.43 0.12 -2.05	64.02 -0.06 -2.88	61.87 0.00 -1.91	73.80 -0.14 -4.03	72.82 0.28 -3.78	61.02 0.23 -2.55	56.27 0.38 -1.14	50.43 0.20 -0.66	42.85 0.13 -0.42	38.03 0.52 -0.32
GREENIDGE___4 23583	39.44 0.77 -0.20	36.23 0.53 -0.14	33.55 0.30 0.00	31.90 0.44 0.00	30.72 0.37 0.00	33.28 0.33 0.00	36.22 0.57 0.00	37.16 0.29 0.00	39.87 0.28 -0.04	42.93 0.17 -0.14	45.92 0.09 0.00	49.27 0.15 0.00	57.05 0.40 0.00	62.95 0.62 0.00	64.50 0.19 -2.05	64.21 0.12 -2.88	62.05 0.18 -1.91	73.98 0.00 -4.07	72.97 0.35 -3.86	61.14 0.29 -2.61	56.30 0.39 -1.17	50.43 0.20 -0.66	42.85 0.13 -0.42	37.95 0.45 -0.32
GREENLWN_69_KV_BK 3 55738	41.70 3.23 0.00	39.93 3.38 -1.00	39.57 3.06 -3.25	38.99 2.83 -4.70	38.99 2.73 -5.91	39.31 2.93 -3.43	39.50 3.42 -0.42	40.36 3.50 0.00	43.07 3.52 0.00	46.41 3.79 0.00	50.96 5.13 0.00	46.73 5.89 8.29	47.27 6.69 16.07	59.41 7.67 10.59	49.61 7.72 20.37	64.92 7.59 3.87	83.50 7.37 -16.16	94.72 8.53 -16.28	59.37 8.18 17.57	53.53 6.76 11.46	39.32 5.69 21.12	37.95 4.91 16.53	45.90 4.15 0.55	40.61 3.42 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42
GRISSOM___SOLAR 323813	44.24 5.77 0.00	40.92 5.37 0.00	37.91 4.66 0.00	35.70 4.24 0.00	34.48 4.13 0.00	37.49 4.55 0.00	40.93 5.28 0.00	42.10 5.23 0.00	45.36 5.82 0.00	48.88 6.27 0.00	52.43 6.60 0.00	55.85 6.73 0.00	64.53 7.87 0.00	70.74 8.41 0.00	87.01 7.84 -16.91	92.56 8.08 -23.28	86.10 8.09 -18.05	116.02 10.42 -35.69	155.28 10.72 -75.80	112.46 9.38 -44.84	85.50 8.71 -22.05	57.65 8.08 0.00	48.78 6.47 0.00	42.54 5.36 0.00
GROVEVILLE___HYD 323602	41.97 3.50 0.00	38.86 3.31 0.00	36.21 2.96 0.00	34.13 2.67 0.00	32.90 2.55 0.00	35.71 2.77 0.00	38.79 3.14 0.00	40.11 3.24 0.00	43.07 3.52 0.00	46.53 3.92 0.00	50.41 4.58 0.00	54.28 5.16 0.00	62.83 6.18 0.00	69.19 6.86 0.00	81.27 7.03 -11.98	97.52 7.04 -29.28	116.50 6.84 -49.71	122.67 7.90 -44.86	98.39 7.63 -22.00	76.26 6.29 -11.73	66.07 5.31 -6.01	54.23 4.66 0.00	46.24 3.93 0.00	40.61 3.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.51 -0.14 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.78 -0.34 0.00	56.31 -0.34 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.36 -0.37 -1.53	60.55 -0.42 -1.01	74.28 -0.42 -4.79	71.51 -0.34 -3.09	59.84 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.57 -0.08 -1.35	38.40 0.19 -1.03

HAMLTNNY_34_KV_TB 80303	39.34 0.19 -0.68	36.03 0.11 -0.37	33.09 0.00 0.16	31.36 0.03 0.13	30.23 0.00 0.12	32.95 0.00 -0.01	35.72 0.07 0.00	36.86 0.00 0.00	39.69 0.00 -0.14	43.13 0.04 -0.47	45.64 -0.18 0.00	49.03 -0.10 0.00	56.65 0.00 0.00	62.45 0.12 0.00	63.43 0.00 -1.17	62.79 -0.06 -1.65	60.93 -0.12 -1.09	74.94 -0.07 -5.09	72.09 0.07 -3.26	60.24 0.00 -2.00	57.35 0.27 -2.32	51.98 0.10 -2.31	43.81 0.08 -1.42	38.53 0.26 -1.08
HAMPSHIRE___PAPER_HYD 323593	37.40 -1.31 -0.24	30.48 -1.25 3.83	26.78 -1.26 5.21	25.93 -1.16 4.36	25.39 -1.06 3.89	31.79 -1.15 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.53 -1.07 -0.05	41.54 -1.24 -0.17	44.36 -1.47 0.00	47.11 -2.02 0.00	54.22 -2.43 0.00	59.65 -2.68 0.00	59.92 -2.61 -0.28	58.90 -2.69 -0.39	57.76 -2.46 -0.26	64.94 -2.66 2.31	64.13 -2.47 2.16	57.08 -1.87 -0.71	53.16 -1.64 -0.05	39.90 -1.34 8.33	30.70 -1.36 10.25	28.19 -1.23 7.77
HARDSCRABBLE_WT_PWR 323673	39.43 0.96 0.00	36.35 0.92 0.12	33.89 0.80 0.16	32.11 0.79 0.14	30.99 0.76 0.12	33.77 0.82 0.00	36.58 0.93 0.00	37.89 1.03 0.00	40.65 1.11 0.00	43.89 1.28 0.00	47.20 1.37 0.00	50.40 1.28 0.00	58.07 1.42 0.00	63.82 1.49 0.00	63.62 1.37 0.00	62.36 1.16 0.00	61.10 1.14 0.00	71.75 1.47 -0.37	70.31 1.24 -0.31	59.23 0.99 0.00	55.64 0.82 -0.07	51.22 0.79 -0.86	43.99 0.67 -1.01	38.51 0.56 -0.77
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.70 3.23 0.00	38.58 3.02 0.00	35.91 2.66 0.00	33.85 2.39 0.00	32.66 2.31 0.00	35.45 2.50 0.00	38.54 2.89 0.00	39.92 3.06 0.00	42.87 3.32 0.00	46.32 3.71 0.00	50.18 4.35 0.00	54.04 4.91 0.00	62.49 5.84 0.00	68.81 6.48 0.00	80.02 6.60 -11.16	95.06 6.67 -27.18	112.59 6.42 -46.22	119.51 7.41 -42.19	96.89 7.08 -21.05	75.01 5.88 -10.89	65.32 4.93 -5.65	53.93 4.36 0.00	46.03 3.72 0.00	40.38 3.20 0.00
HARSNRAD_115KV_TB1 81005	37.85 -0.62 0.00	34.84 -0.71 0.00	32.32 -0.93 0.00	30.58 -0.88 0.00	29.38 -0.97 0.00	31.99 -0.96 0.00	34.62 -1.03 0.00	34.91 -1.95 0.00	37.41 -2.14 0.00	39.80 -2.81 0.00	42.53 -3.30 0.00	45.69 -3.44 0.00	52.91 -3.74 0.00	58.28 -4.05 0.00	59.16 -4.73 -1.64	58.17 -5.32 -2.30	56.20 -5.28 -1.52	65.47 -6.50 -2.06	64.82 -6.12 -2.18	54.69 -5.07 -1.52	50.22 -4.49 0.04	45.67 -3.87 0.04	39.38 -2.92 0.00	36.33 -0.86 0.00
HARZA MOOSE___RIVER 24016	39.36 0.69 -0.20	35.15 0.57 0.97	32.20 0.40 1.45	30.68 0.44 1.21	29.66 0.39 1.08	33.41 0.46 0.00	36.36 0.71 0.00	37.67 0.81 0.00	40.42 0.83 -0.04	43.77 1.02 -0.14	46.74 0.92 0.00	49.66 0.54 0.00	57.33 0.68 0.00	63.08 0.75 0.00	63.30 0.68 -0.36	62.26 0.55 -0.51	61.08 0.78 -0.34	71.74 1.12 -0.71	70.20 1.17 -0.27	60.05 1.22 -0.59	56.53 1.26 -0.52	49.68 1.34 1.23	41.46 0.97 1.82	36.52 0.71 1.38
HDSNBRDG_115KV_BRDG_TB1 355580	38.63 -0.19 -0.36	35.41 -0.25 -0.10	32.79 -0.27 0.20	31.07 -0.22 0.17	29.96 -0.24 0.15	32.68 -0.26 0.00	35.40 -0.25 0.00	36.57 -0.29 0.00	39.34 -0.28 -0.07	42.61 -0.26 -0.25	45.42 -0.41 0.00	48.73 -0.39 0.00	56.26 -0.40 0.00	62.08 -0.25 0.00	62.86 -0.37 -0.97	62.08 -0.49 -1.37	60.38 -0.48 -0.90	72.57 -0.56 -3.22	69.99 -0.48 -1.71	58.88 -0.41 -1.05	55.44 -0.16 -0.85	50.46 -0.30 -1.19	42.84 -0.21 -0.74	37.68 -0.07 -0.57
HELLGATE_13_KV_LD 55870	42.32 3.85 0.00	39.15 3.59 0.00	36.38 3.13 0.00	34.23 2.77 0.00	33.02 2.67 0.00	35.81 2.87 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.24 5.41 -1.71	56.78 5.94 1.58	61.65 6.57 0.00	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.08 6.78 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.95 5.94 -11.77	64.29 5.15 -4.40	54.28 4.71 0.00	46.75 4.44 0.00	41.28 4.09 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.32 3.85 0.00	39.15 3.59 0.00	36.38 3.13 0.00	34.23 2.77 0.00	33.02 2.67 0.00	35.81 2.87 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.24 5.41 -1.71	56.78 5.94 1.58	61.65 6.57 0.00	69.25 6.92 0.00	81.38 7.16 -11.97	99.05 7.16 -30.69	121.08 6.78 -54.35	126.08 7.62 -48.55	99.46 7.29 -23.41	75.95 5.94 -11.77	64.29 5.15 -4.40	54.28 4.71 0.00	46.75 4.44 0.00	41.28 4.09 -0.01
HEMPSTEAD____ 23647	42.28 3.81 0.00	40.32 3.77 -1.00	39.87 3.36 -3.26	39.17 3.02 -4.70	39.17 2.91 -5.91	39.57 3.19 -3.43	39.75 3.67 -0.42	40.85 3.98 0.00	43.70 4.15 0.00	47.04 4.43 0.00	51.37 5.54 0.00	62.20 6.38 -6.69	64.01 7.36 0.00	75.22 8.10 -4.79	82.37 8.15 -11.96	99.89 8.02 -30.68	122.14 7.85 -54.33	127.46 9.02 -48.53	100.61 8.46 -23.39	82.77 7.10 -17.43	69.98 6.08 -9.16	54.92 5.36 0.00	46.92 4.61 0.00	41.24 4.05 0.00
HEWLETT_69_KV_BK3 55828	42.82 4.35 0.00	40.75 4.20 -1.00	40.26 3.76 -3.25	39.52 3.37 -4.70	39.50 3.25 -5.91	39.90 3.53 -3.43	40.14 4.06 -0.42	41.18 4.31 0.00	44.13 4.59 0.00	47.51 4.90 0.00	52.11 6.28 0.00	62.70 6.88 -6.69	64.36 7.70 0.00	75.66 8.60 -4.73	82.87 8.65 -11.96	100.32 8.45 -30.68	122.56 8.27 -54.33	128.03 9.58 -48.54	101.32 9.15 -23.41	83.26 7.57 -17.45	70.48 6.57 -9.16	55.37 5.80 0.00	47.55 5.25 0.00	41.69 4.50 0.00
HICKLING___1 23621	40.11 1.42 -0.21	36.88 1.17 -0.15	34.18 0.93 0.00	32.34 0.88 0.00	31.14 0.79 0.00	33.87 0.92 0.00	36.79 1.14 0.00	37.71 0.85 0.00	40.54 0.95 -0.04	43.70 0.94 -0.15	46.70 0.87 0.00	50.11 0.98 0.00	57.96 1.30 0.00	64.07 1.75 0.00	66.21 1.06 -2.90	66.00 0.73 -4.07	63.25 0.60 -2.69	75.63 0.42 -5.30	74.92 1.03 -5.13	62.66 0.93 -3.49	57.11 0.66 -1.71	51.02 0.74 -0.70	43.51 0.76 -0.44	38.64 1.12 -0.34
HICKLING___2 23622	40.11 1.42 -0.21	36.88 1.17 -0.15	34.18 0.93 0.00	32.34 0.88 0.00	31.14 0.79 0.00	33.87 0.92 0.00	36.79 1.14 0.00	37.71 0.85 0.00	40.54 0.95 -0.04	43.70 0.94 -0.15	46.70 0.87 0.00	50.11 0.98 0.00	57.96 1.30 0.00	64.07 1.75 0.00	66.21 1.06 -2.90	66.00 0.73 -4.07	63.25 0.60 -2.69	75.63 0.42 -5.30	74.92 1.03 -5.13	62.66 0.93 -3.49	57.11 0.66 -1.71	51.02 0.74 -0.70	43.51 0.76 -0.44	38.64 1.12 -0.34
HIGH FALLS___HY 23754	41.89 3.42 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.07 2.61 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.72 3.07 0.00	40.03 3.17 0.00	42.95 3.40 0.00	46.36 3.75 0.00	50.23 4.40 0.00	54.18 5.06 0.00	62.71 6.06 0.00	69.06 6.73 0.00	80.80 6.97 -11.57	92.15 7.10 -23.85	98.32 6.90 -31.46	101.82 7.97 -23.94	84.04 7.63 -7.65	75.71 6.41 -11.07	64.33 5.37 -4.21	54.33 4.76 0.00	46.20 3.89 0.00	40.57 3.38 0.00
HIGH_RIVER___SOLAR 323847	40.86 2.39 0.00	37.80 2.24 0.00	35.32 2.06 0.00	33.34 1.89 0.00	32.17 1.82 0.00	34.92 1.98 0.00	37.79 2.14 0.00	39.00 2.14 0.00	41.84 2.29 0.00	45.04 2.43 0.00	48.44 2.61 0.00	51.97 2.85 0.00	59.99 3.34 0.00	65.88 3.55 0.00	81.76 3.48 -16.02	86.68 3.49 -21.99	80.83 3.42 -17.46	109.55 4.34 -35.31	156.26 4.54 -82.96	111.30 4.02 -49.05	82.59 3.72 -24.12	52.99 3.42 0.00	45.09 2.79 0.00	39.53 2.34 0.00

HILLBURN___GT 23639	41.70 3.23 0.00	38.58 3.02 0.00	35.91 2.66 0.00	33.85 2.39 0.00	32.66 2.31 0.00	35.45 2.50 0.00	38.58 2.92 0.00	40.03 3.17 0.00	43.07 3.52 0.00	46.53 3.92 0.00	50.37 4.54 0.00	54.38 5.26 0.00	62.83 6.18 0.00	69.00 6.67 0.00	80.44 6.85 -11.34	95.97 6.85 -27.91	114.45 6.60 -47.89	120.97 7.55 -43.50	97.45 7.15 -21.54	75.18 5.88 -11.06	65.48 4.98 -5.75	54.03 4.46 0.00	46.11 3.81 0.00	40.57 3.38 0.00
HILLSIDE_115KV_TB1 80332	39.50 0.81 -0.22	36.35 0.64 -0.16	33.72 0.47 0.00	31.90 0.44 0.00	30.71 0.36 0.00	33.41 0.46 0.00	36.26 0.61 0.00	37.23 0.37 0.00	39.99 0.40 -0.05	43.15 0.38 -0.16	46.10 0.27 0.00	49.47 0.34 0.00	57.22 0.57 0.00	63.20 0.87 0.00	65.51 0.25 -3.01	65.36 -0.06 -4.22	62.63 -0.12 -2.79	75.08 -0.35 -5.52	74.24 0.14 -5.34	62.10 0.23 -3.63	56.51 -0.05 -1.82	50.45 0.15 -0.74	42.98 0.21 -0.46	38.13 0.59 -0.35
HISHELDN_WT_PWR 323625	38.70 0.23 0.00	35.63 0.07 0.00	33.05 -0.20 0.00	31.24 -0.22 0.00	30.05 -0.30 0.00	32.68 -0.26 0.00	35.44 -0.21 0.00	35.90 -0.96 0.00	38.52 -1.03 0.00	41.16 -1.45 0.00	44.32 -1.51 0.00	47.40 -1.72 0.00	54.95 -1.70 0.00	60.46 -1.87 0.00	61.42 -2.80 -1.97	60.85 -3.12 -2.76	58.73 -3.06 -1.83	68.30 -4.19 -2.58	67.90 -3.58 -2.72	57.22 -2.91 -1.89	52.08 -2.90 -0.24	47.21 -2.33 0.03	40.61 -1.69 0.00	36.74 -0.44 0.00
HOLTSVILLE_IC_1 23690	42.28 3.81 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.41 3.16 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	40.99 4.13 0.00	43.58 4.04 0.00	46.83 4.22 0.00	51.52 5.68 -0.01	129.22 6.48 -73.61	135.88 7.48 -71.75	143.38 8.23 -72.82	226.88 8.28 -156.34	254.33 8.20 -184.92	292.65 7.91 -224.77	271.72 9.23 -192.58	283.98 8.80 -206.42	157.22 7.57 -91.42	135.40 6.51 -74.14	128.92 5.55 -73.80	52.76 4.74 -5.72	41.02 3.83 0.00
HOLTSVILLE_IC_10 23699	42.55 4.08 0.00	40.85 4.30 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.03 3.66 -3.43	40.28 4.20 -0.42	41.25 4.38 0.00	43.86 4.31 0.00	47.13 4.51 0.00	51.94 6.10 -0.01	134.96 6.97 -78.86	142.07 8.04 -77.38	149.35 8.85 -78.17	238.83 8.90 -167.67	266.98 8.75 -197.03	306.62 8.51 -238.15	283.58 9.79 -203.88	299.03 9.49 -220.78	170.45 8.15 -104.06	149.71 7.01 -87.96	135.16 6.00 -79.59	53.36 5.12 -5.94	41.28 4.09 0.00
HOLTSVILLE_IC_2 23691	42.28 3.81 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.41 3.16 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	40.99 4.13 0.00	43.58 4.04 0.00	46.83 4.22 0.00	51.52 5.68 -0.01	129.22 6.48 -73.61	135.88 7.48 -71.75	143.38 8.23 -72.82	226.88 8.28 -156.34	254.33 8.20 -184.92	292.65 7.91 -224.77	271.72 9.23 -192.58	283.98 8.80 -206.42	157.22 7.57 -91.42	135.40 6.51 -74.14	128.92 5.55 -73.80	52.76 4.74 -5.72	41.02 3.83 0.00
HOLTSVILLE_IC_3 23692	42.28 3.81 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.41 3.16 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	40.99 4.13 0.00	43.58 4.04 0.00	46.83 4.22 0.00	51.52 5.68 -0.01	129.22 6.48 -73.61	135.88 7.48 -71.75	143.38 8.23 -72.82	226.88 8.28 -156.34	254.33 8.20 -184.92	292.65 7.91 -224.77	271.72 9.23 -192.58	283.98 8.80 -206.42	157.22 7.57 -91.42	135.40 6.51 -74.14	128.92 5.55 -73.80	52.76 4.74 -5.72	41.02 3.83 0.00
HOLTSVILLE_IC_4 23693	42.28 3.81 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.41 3.16 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	40.99 4.13 0.00	43.58 4.04 0.00	46.83 4.22 0.00	51.52 5.68 -0.01	129.22 6.48 -73.61	135.88 7.48 -71.75	143.38 8.23 -72.82	226.88 8.28 -156.34	254.33 8.20 -184.92	292.65 7.91 -224.77	271.72 9.23 -192.58	283.98 8.80 -206.42	157.22 7.57 -91.42	135.40 6.51 -74.14	128.92 5.55 -73.80	52.76 4.74 -5.72	41.02 3.83 0.00
HOLTSVILLE_IC_5 23694	42.28 3.81 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.41 3.16 -5.91	39.80 3.43 -3.43	40.03 3.96 -0.42	40.99 4.13 0.00	43.58 4.04 0.00	46.83 4.22 0.00	51.52 5.68 -0.01	129.22 6.48 -73.61	135.88 7.48 -71.75	143.38 8.23 -72.82	226.88 8.28 -156.34	254.33 8.20 -184.92	292.65 7.91 -224.77	271.72 9.23 -192.58	283.98 8.80 -206.42	157.22 7.57 -91.42	135.40 6.51 -74.14	128.92 5.55 -73.80	52.76 4.74 -5.72	41.02 3.83 0.00
HOLTSVILLE_IC_6 23695	42.55 4.08 0.00	40.85 4.30 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.03 3.66 -3.43	40.28 4.20 -0.42	41.25 4.38 0.00	43.86 4.31 0.00	47.13 4.51 0.00	51.94 6.10 -0.01	134.96 6.97 -78.86	142.07 8.04 -77.38	149.35 8.85 -78.17	238.83 8.90 -167.67	266.98 8.75 -197.03	306.62 8.51 -238.15	283.58 9.79 -203.88	299.03 9.49 -220.78	170.45 8.15 -104.06	149.71 7.01 -87.96	135.16 6.00 -79.59	53.36 5.12 -5.94	41.28 4.09 0.00
HOLTSVILLE_IC_7 23696	42.55 4.08 0.00	40.85 4.30 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.03 3.66 -3.43	40.28 4.20 -0.42	41.25 4.38 0.00	43.86 4.31 0.00	47.13 4.51 0.00	51.94 6.10 -0.01	134.96 6.97 -78.86	142.07 8.04 -77.38	149.35 8.85 -78.17	238.83 8.90 -167.67	266.98 8.75 -197.03	306.62 8.51 -238.15	283.58 9.79 -203.88	299.03 9.49 -220.78	170.45 8.15 -104.06	149.71 7.01 -87.96	135.16 6.00 -79.59	53.36 5.12 -5.94	41.28 4.09 0.00
HOLTSVILLE_IC_8 23697	42.55 4.08 0.00	40.85 4.30 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.03 3.66 -3.43	40.28 4.20 -0.42	41.25 4.38 0.00	43.86 4.31 0.00	47.13 4.51 0.00	51.94 6.10 -0.01	134.96 6.97 -78.86	142.07 8.04 -77.38	149.35 8.85 -78.17	238.83 8.90 -167.67	266.98 8.75 -197.03	306.62 8.51 -238.15	283.58 9.79 -203.88	299.03 9.49 -220.78	170.45 8.15 -104.06	149.71 7.01 -87.96	135.16 6.00 -79.59	53.36 5.12 -5.94	41.28 4.09 0.00
HOLTSVILLE_IC_9 23698	42.55 4.08 0.00	40.85 4.30 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.03 3.66 -3.43	40.28 4.20 -0.42	41.25 4.38 0.00	43.86 4.31 0.00	47.13 4.51 0.00	51.94 6.10 -0.01	134.96 6.97 -78.86	142.07 8.04 -77.38	149.35 8.85 -78.17	238.83 8.90 -167.67	266.98 8.75 -197.03	306.62 8.51 -238.15	283.58 9.79 -203.88	299.03 9.49 -220.78	170.45 8.15 -104.06	149.71 7.01 -87.96	135.16 6.00 -79.59	53.36 5.12 -5.94	41.28 4.09 0.00
HOMER_HL_115KV_TB2 355744	38.62 0.15 0.00	35.91 0.36 0.00	33.32 0.07 0.00	31.46 0.00 0.00	30.26 -0.09 0.00	32.98 0.03 0.00	35.87 0.21 0.00	36.42 -0.44 0.00	38.60 -0.95 0.00	41.33 -1.28 0.00	44.27 -1.56 0.00	47.55 -1.57 0.00	55.18 -1.47 0.00	61.02 -1.31 0.00	60.88 -3.42 -2.05	60.10 -3.98 -2.88	57.85 -4.02 -1.90	67.78 -4.82 -2.70	68.40 -3.16 -2.81	57.69 -2.50 -1.96	51.26 -3.78 -0.29	47.36 -2.18 0.03	40.74 -1.57 0.00	36.85 -0.33 0.00
HOWARD_WT_PWR 323690	40.04 1.42 -0.15	36.83 1.17 -0.11	34.12 0.86 0.00	32.24 0.79 0.00	31.02 0.67 0.00	33.77 0.82 0.00	36.69 1.03 0.00	37.38 0.52 0.00	40.09 0.51 -0.03	43.02 0.30 -0.10	46.01 0.18 0.00	49.32 0.20 0.00	57.16 0.51 0.00	63.02 0.69 0.00	64.36 -0.25 -2.35	63.96 -0.55 -3.31	61.61 -0.54 -2.19	72.64 -1.40 -4.12	71.99 -0.82 -4.05	60.24 -0.76 -2.76	54.98 -0.88 -1.11	49.40 -0.65 -0.48	42.15 -0.46 -0.31	37.64 0.22 -0.23

HQ_GEN_CEDARS 23644	36.85 -1.62 0.00	25.75 -1.53 8.28	21.05 -1.43 10.77	21.05 -1.38 9.02	21.05 -1.24 8.06	31.59 -1.35 0.00	34.30 -1.35 0.00	35.54 -1.33 0.00	38.08 -1.46 0.00	40.87 -1.75 0.00	43.90 -1.92 0.00	46.96 -2.16 0.00	53.99 -2.66 0.00	59.02 -3.30 0.01	59.02 -3.24 0.00	58.32 -2.88 0.00	57.20 -2.76 0.00	59.35 -3.57 6.99	59.33 -3.51 5.92	55.38 -2.85 0.00	50.74 -2.63 1.38	30.88 -2.33 16.36	21.13 -1.95 19.22	21.05 -1.56 14.58
HQ_GEN_CEDARS_PROXY 323590	36.86 -1.61 0.00	25.75 -1.53 8.28	21.05 -1.43 10.77	21.05 -1.38 9.02	21.05 -1.25 8.06	31.59 -1.35 0.00	34.30 -1.35 0.00	35.54 -1.33 0.00	38.08 -1.46 0.00	40.86 -1.75 0.00	43.90 -1.92 0.00	46.82 -2.31 0.00	52.37 -2.89 1.39	60.54 -3.18 -1.38	59.21 -3.05 0.00	58.14 -3.06 0.00	57.02 -2.94 0.00	59.50 -3.42 6.99	59.54 -3.30 5.92	55.44 -2.79 0.00	50.80 -2.57 1.38	30.88 -2.33 16.36	21.05 -2.03 19.22	21.05 -1.56 14.58
HQ_GEN_IMPORT 323601	31.90 -0.96 5.61	31.80 -0.89 2.87	30.80 -0.83 1.62	29.51 -0.79 1.16	29.51 -0.73 0.11	30.80 -0.76 1.39	33.60 -0.78 1.27	36.09 -0.78 0.00	37.40 -0.83 1.32	40.00 -0.98 1.63	44.78 -1.05 0.00	47.90 -1.23 0.00	53.73 -1.53 1.39	62.04 -1.68 -1.39	60.64 -1.62 0.00	59.61 -1.59 0.00	58.40 -1.56 0.00	66.40 -1.82 1.69	65.54 -1.79 1.43	56.72 -1.51 0.00	52.99 -1.42 0.33	44.38 -1.24 3.95	36.60 -1.06 4.65	32.70 -0.97 3.52
HQ_GEN_WHEEL 23651	31.90 -0.96 5.61	31.80 -0.89 2.87	30.80 -0.83 1.62	29.51 -0.79 1.16	29.51 -0.73 0.11	30.80 -0.76 1.39	33.60 -0.78 1.27	36.09 -0.78 0.00	37.40 -0.83 1.32	40.00 -0.98 1.63	44.78 -1.05 0.00	47.90 -1.23 0.00	53.73 -1.53 1.39	62.04 -1.68 -1.39	60.64 -1.62 0.00	59.61 -1.59 0.00	58.40 -1.56 0.00	66.40 -1.82 1.69	65.54 -1.79 1.43	56.72 -1.51 0.00	52.99 -1.42 0.33	44.38 -1.24 3.95	36.60 -1.06 4.65	32.70 -0.97 3.52
HUDSON AVE_GT_3 23810	42.20 3.73 0.00	39.07 3.52 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.73 3.87 0.00	43.78 4.23 0.00	47.30 4.69 0.00	51.28 5.45 0.00	57.03 6.19 -1.71	63.62 6.97 0.00	69.81 7.48 0.00	81.94 7.72 -11.97	99.60 7.71 -30.69	121.68 7.37 -54.35	126.86 8.39 -48.56	100.16 7.98 -23.42	76.48 6.46 -11.78	66.46 5.53 -6.18	54.58 5.01 0.00	46.75 4.44 0.00	41.20 4.02 0.00
HUDSON AVE_GT_4 23540	42.20 3.73 0.00	39.07 3.52 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.73 3.87 0.00	43.78 4.23 0.00	47.30 4.69 0.00	51.28 5.45 -1.71	57.03 6.19 0.00	63.62 6.97 0.00	69.81 7.48 0.00	81.94 7.72 -11.97	99.60 7.71 -30.69	121.68 7.37 -54.35	126.86 8.39 -48.56	100.16 7.98 -23.42	76.48 6.46 -11.78	66.46 5.53 -6.18	54.58 5.01 0.00	46.75 4.44 0.00	41.20 4.02 0.00
HUDSON AVE_GT_5 23657	42.20 3.73 0.00	39.07 3.52 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.73 3.87 0.00	43.78 4.23 0.00	47.30 4.69 0.00	51.28 5.45 -1.71	57.03 6.19 0.00	63.62 6.97 0.00	69.81 7.48 0.00	81.94 7.72 -11.97	99.60 7.71 -30.69	121.68 7.37 -54.35	126.86 8.39 -48.56	100.16 7.98 -23.42	76.48 6.46 -11.78	66.46 5.53 -6.18	54.58 5.01 0.00	46.75 4.44 0.00	41.20 4.02 0.00
HUDSON_AVE_10 24168	42.12 3.65 0.00	38.97 3.41 0.00	36.21 2.96 0.00	34.07 2.61 0.00	32.87 2.52 0.00	35.68 2.73 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.17 4.56 0.00	51.19 5.36 -1.71	56.88 6.04 0.00	63.45 6.80 0.00	69.68 7.35 0.00	81.76 7.53 -11.97	99.48 7.59 -30.69	121.56 7.26 -54.35	126.72 8.25 -48.56	100.02 7.84 -23.42	76.42 6.41 -11.78	66.35 5.42 -6.18	54.48 4.91 0.00	46.62 4.31 0.00	41.13 3.94 0.00
HUDSON___115KV_TB 4 355613	40.59 2.12 0.00	37.58 2.03 0.00	35.08 1.83 0.00	33.12 1.67 0.00	31.93 1.58 0.00	34.66 1.71 0.00	37.40 1.75 0.00	38.45 1.59 0.00	41.21 1.66 0.00	44.32 1.70 0.00	47.66 1.83 0.00	50.55 1.42 0.00	58.47 1.81 0.00	64.51 2.18 0.00	76.51 2.37 -11.89	83.62 2.02 -20.40	61.68 2.46 0.74	26.82 3.43 46.51	9.40 3.78 63.15	72.36 2.97 -11.16	54.03 2.90 3.61	52.00 2.43 0.00	44.63 2.33 0.00	38.97 1.78 0.00
HUNTER MOUNT___DRP 323613	40.78 2.31 0.00	37.79 2.24 0.00	35.28 2.03 0.00	33.31 1.86 0.00	32.11 1.76 0.00	34.85 1.91 0.00	37.58 1.93 0.00	38.45 1.59 0.00	41.17 1.62 0.00	44.23 1.62 0.00	47.57 1.74 0.00	50.20 1.08 0.00	58.18 1.53 0.00	64.20 1.87 0.00	76.47 2.18 -12.03	83.29 1.65 -20.44	68.50 2.28 -6.27	44.89 3.36 28.38	29.07 3.78 43.48	72.85 2.97 -11.64	56.42 2.96 1.28	51.95 2.38 0.00	44.71 2.41 0.00	39.01 1.82 0.00
HUNTINGTON_RES_REC 323705	42.13 3.66 0.00	40.43 3.88 -1.00	39.97 3.46 -3.25	39.30 3.15 -4.70	39.29 3.03 -5.91	39.67 3.29 -3.43	39.89 3.82 -0.42	40.77 3.91 0.00	43.43 3.88 0.00	46.75 4.13 0.00	51.45 5.59 -0.04	231.80 6.48 -176.19	245.93 7.54 -181.74	247.99 8.35 -177.30	448.38 8.47 -377.66	490.89 8.32 -421.37	554.16 8.15 -486.04	492.74 9.43 -413.39	564.67 8.93 -486.97	341.68 7.57 -275.88	325.52 6.46 -264.31	242.01 5.50 -186.93	47.17 4.70 -0.17	41.02 3.83 0.00
HUNTLEY___63 23557	38.35 -0.12 0.00	35.27 -0.28 0.00	32.72 -0.53 0.00	30.92 -0.53 0.00	29.71 -0.64 0.00	32.35 -0.59 0.00	35.05 -0.61 0.00	35.39 -1.47 0.00	37.93 -1.62 0.00	40.48 -2.13 0.00	43.17 -2.66 0.00	46.23 -2.90 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.91 -4.05 -1.70	58.93 -4.65 -2.38	56.86 -4.68 -1.58	66.12 -5.87 -2.08	65.60 -5.43 -2.27	55.33 -4.48 -1.58	50.65 -4.11 -0.01	46.06 -3.47 0.04	39.93 -2.37 0.00	36.63 -0.56 0.00
HUNTLEY___64 23558	38.35 -0.12 0.00	35.27 -0.28 0.00	32.72 -0.53 0.00	30.92 -0.53 0.00	29.71 -0.64 0.00	32.35 -0.59 0.00	35.05 -0.61 0.00	35.39 -1.47 0.00	37.93 -1.62 0.00	40.48 -2.13 0.00	43.17 -2.66 0.00	46.23 -2.90 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.91 -4.05 -1.70	58.93 -4.65 -2.38	56.86 -4.68 -1.58	66.12 -5.87 -2.08	65.60 -5.43 -2.27	55.33 -4.48 -1.58	50.65 -4.11 -0.01	46.06 -3.47 0.04	39.93 -2.37 0.00	36.63 -0.56 0.00
HUNTLEY___65 23559	38.35 -0.12 0.00	35.27 -0.28 0.00	32.72 -0.53 0.00	30.92 -0.53 0.00	29.71 -0.64 0.00	32.35 -0.59 0.00	35.05 -0.61 0.00	35.39 -1.47 0.00	37.93 -1.62 0.00	40.48 -2.13 0.00	43.17 -2.66 0.00	46.23 -2.90 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.91 -4.05 -1.70	58.93 -4.65 -2.38	56.86 -4.68 -1.58	66.12 -5.87 -2.08	65.60 -5.43 -2.27	55.33 -4.48 -1.58	50.65 -4.11 -0.01	46.06 -3.47 0.04	39.93 -2.37 0.00	36.63 -0.56 0.00
HUNTLEY___66 23560	38.35 -0.12 0.00	35.27 -0.28 0.00	32.72 -0.53 0.00	30.92 -0.53 0.00	29.71 -0.64 0.00	32.35 -0.59 0.00	35.05 -0.61 0.00	35.39 -1.47 0.00	37.93 -1.62 0.00	40.48 -2.13 0.00	43.17 -2.66 0.00	46.23 -2.90 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.91 -4.05 -1.70	58.93 -4.65 -2.38	56.86 -4.68 -1.58	66.12 -5.87 -2.08	65.60 -5.43 -2.27	55.33 -4.48 -1.58	50.65 -4.11 -0.01	46.06 -3.47 0.04	39.93 -2.37 0.00	36.63 -0.56 0.00

HUNTLEY___67 23561	38.12 -0.35 0.00	35.06 -0.50 0.00	32.52 -0.73 0.00	30.77 -0.69 0.00	29.56 -0.79 0.00	32.19 -0.76 0.00	34.87 -0.78 0.00	35.20 -1.66 0.00	37.73 -1.82 0.00	40.31 -2.30 0.00	43.08 -2.75 0.00	46.27 -2.85 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.94 -4.05 -1.73	59.04 -4.59 -2.43	56.95 -4.62 -1.61	66.26 -5.73 -2.08	65.86 -5.23 -2.33	55.55 -4.31 -1.62	50.84 -3.94 -0.03	46.21 -3.32 0.04	39.81 -2.50 0.00	36.44 -0.74 0.00
HUNTLEY___68 23562	38.12 -0.35 0.00	35.06 -0.50 0.00	32.52 -0.73 0.00	30.77 -0.69 0.00	29.56 -0.79 0.00	32.19 -0.76 0.00	34.87 -0.78 0.00	35.20 -1.66 0.00	37.73 -1.82 0.00	40.31 -2.30 0.00	43.08 -2.75 0.00	46.27 -2.85 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.94 -4.05 -1.73	59.04 -4.59 -2.43	56.95 -4.62 -1.61	66.26 -5.73 -2.08	65.86 -5.23 -2.33	55.55 -4.31 -1.62	50.84 -3.94 -0.03	46.21 -3.32 0.04	39.81 -2.50 0.00	36.44 -0.74 0.00
HYLAND___LFG 323620	39.59 1.12 0.00	36.30 0.75 0.00	33.65 0.40 0.00	31.80 0.35 0.00	30.59 0.24 0.00	33.37 0.43 0.00	36.11 0.46 0.00	36.35 -0.52 0.00	38.32 -1.23 0.00	40.61 -2.00 0.00	43.35 -2.48 0.00	46.77 -2.36 0.00	54.05 -2.61 0.00	59.40 -2.93 0.00	60.86 -3.30 -1.91	60.76 -3.12 -2.68	59.10 -2.64 -1.77	69.93 -2.80 -2.82	69.95 -1.45 -2.64	59.49 -0.58 -1.84	55.03 0.05 -0.23	49.64 0.10 0.03	42.26 -0.04 0.00	37.63 0.45 0.00
INDECK___CORINTH 23802	40.93 2.46 0.00	37.86 2.31 0.00	35.28 2.03 0.00	33.22 1.76 0.00	32.05 1.70 0.00	34.82 1.88 0.00	37.72 2.07 0.00	39.00 2.14 0.00	42.08 2.53 0.00	45.42 2.81 0.00	48.53 2.70 0.00	52.02 2.90 0.00	59.99 3.34 0.00	65.57 3.24 0.00	81.05 2.99 -15.80	85.38 2.94 -21.24	82.52 3.00 -19.57	118.36 3.91 -44.54	168.74 4.61 -95.38	112.25 4.14 -49.88	84.60 4.11 -25.75	53.33 3.77 0.00	45.26 2.96 0.00	39.57 2.38 0.00
INDECK___ILION 23567	39.20 0.73 0.00	36.11 0.68 0.12	33.69 0.60 0.16	31.92 0.60 0.14	30.81 0.58 0.12	33.57 0.63 0.00	36.33 0.68 0.00	37.60 0.74 0.00	40.34 0.79 0.00	43.55 0.94 0.00	46.84 1.01 0.00	50.06 0.93 0.00	57.79 1.13 0.00	63.58 1.25 0.00	63.44 1.18 0.00	62.24 1.04 0.00	61.04 1.08 0.00	71.61 1.33 -0.37	70.31 1.24 -0.31	59.29 1.05 0.00	55.75 0.93 -0.07	51.32 0.89 -0.86	44.03 0.72 -1.01	38.55 0.59 -0.77
INDECK___OLEAN 23982	38.62 0.15 0.00	35.91 0.36 0.00	33.32 0.07 0.00	31.46 0.00 0.00	30.26 -0.09 0.00	32.98 0.03 0.00	35.83 0.18 0.00	36.42 -0.44 0.00	38.60 -0.95 0.00	41.34 -1.28 0.00	44.41 -1.42 0.00	47.65 -1.47 0.00	55.35 -1.30 0.00	61.02 -1.31 0.00	60.82 -3.49 -2.05	60.29 -3.79 -2.88	58.09 -3.78 -1.90	67.80 -4.82 -2.71	68.37 -3.23 -2.84	57.71 -2.50 -1.98	51.27 -3.78 -0.30	47.36 -2.18 0.03	40.74 -1.56 0.00	36.78 -0.41 0.00
INDECK___OSWEGO 23783	39.43 -0.81 -1.77	35.78 -0.78 -1.00	32.11 -0.80 0.35	30.44 -0.72 0.29	29.36 -0.73 0.26	32.17 -0.79 -0.02	34.87 -0.78 0.00	35.98 -0.89 0.00	38.68 -1.23 -0.36	42.48 -1.37 -1.23	44.13 -1.69 0.00	47.31 -1.82 0.00	54.62 -2.04 0.00	60.15 -2.18 0.00	60.84 -2.24 -0.82	60.09 -2.26 -1.15	58.57 -2.16 -0.76	77.31 -2.24 -9.64	74.96 -2.13 -8.33	61.65 -1.81 -5.22	60.44 -1.42 -7.11	53.83 -1.34 -5.60	44.32 -1.14 -3.15	38.62 -0.97 -2.40
INDECK___YERKES 23781	38.39 -0.08 0.00	35.34 -0.21 0.00	32.76 -0.50 0.00	30.95 -0.50 0.00	29.74 -0.61 0.00	32.42 -0.53 0.00	35.08 -0.57 0.00	35.42 -1.44 0.00	38.00 -1.54 0.00	40.53 -2.09 0.00	43.67 -2.15 0.00	46.37 -2.75 0.00	53.77 -2.89 0.00	59.09 -3.24 0.00	59.91 -4.05 -1.70	59.18 -4.41 -2.38	57.22 -4.32 -1.58	66.21 -5.80 -2.10	65.70 -5.36 -2.30	55.41 -4.43 -1.60	50.60 -4.16 -0.02	46.06 -3.47 0.04	39.98 -2.33 0.00	36.48 -0.71 0.00
INDIAN POINT_GT_1 24139	41.66 3.19 0.00	38.58 3.02 0.00	35.91 2.66 0.00	33.85 2.39 0.00	32.63 2.28 0.00	35.41 2.47 0.00	38.58 2.92 0.00	40.11 3.24 0.00	43.11 3.56 0.00	46.58 3.96 0.00	50.50 4.67 0.00	56.19 5.35 -1.71	62.77 6.12 0.00	69.06 6.73 0.00	81.00 6.91 -11.83	98.28 6.92 -30.16	119.80 6.66 -53.18	125.09 7.55 -47.62	99.04 7.22 -23.06	75.81 5.94 -11.63	65.88 5.04 -6.10	54.08 4.51 0.00	46.15 3.85 0.00	40.53 3.35 0.00
INDIAN POINT_GT_2 23659	41.66 3.19 0.00	38.58 3.02 0.00	35.91 2.66 0.00	33.85 2.39 0.00	32.63 2.28 0.00	35.41 2.47 0.00	38.58 2.92 0.00	40.11 3.24 0.00	43.11 3.56 0.00	46.58 3.96 0.00	50.50 4.67 0.00	56.19 5.35 -1.71	62.77 6.12 0.00	69.06 6.73 0.00	81.00 6.91 -11.83	98.28 6.92 -30.16	119.80 6.66 -53.18	125.09 7.55 -47.62	99.04 7.22 -23.06	75.81 5.94 -11.63	65.88 5.04 -6.10	54.08 4.51 0.00	46.15 3.85 0.00	40.53 3.35 0.00
INDIAN POINT_GT_3 24019	41.66 3.19 0.00	38.58 3.02 0.00	35.91 2.66 0.00	33.85 2.39 0.00	32.63 2.28 0.00	35.41 2.47 0.00	38.58 2.92 0.00	40.11 3.24 0.00	43.11 3.56 0.00	46.58 3.96 0.00	50.50 4.67 0.00	56.19 5.35 -1.71	62.77 6.12 0.00	69.06 6.73 0.00	81.00 6.91 -11.83	98.28 6.92 -30.16	119.80 6.66 -53.18	125.09 7.55 -47.62	99.04 7.22 -23.06	75.81 5.94 -11.63	65.88 5.04 -6.10	54.08 4.51 0.00	46.15 3.85 0.00	40.53 3.35 0.00
INDIAN POINT___2 23530	41.62 3.16 0.00	38.50 2.95 0.00	35.88 2.63 0.00	33.82 2.36 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.51 2.85 0.00	40.03 3.17 0.00	43.03 3.48 0.00	46.49 3.88 0.00	50.32 4.49 0.00	56.10 5.26 -1.71	62.72 6.06 0.00	68.87 6.54 0.00	80.63 6.73 -11.65	97.24 6.73 -29.30	117.57 6.48 -51.13	123.36 7.41 -46.04	98.26 7.02 -22.48	75.42 5.77 -11.41	65.64 4.93 -5.97	53.98 4.41 0.00	46.07 3.76 0.00	40.53 3.35 0.00
INDIAN POINT___3 23531	41.62 3.15 0.00	38.51 2.95 0.00	35.88 2.63 0.00	33.79 2.33 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.54 2.89 0.00	40.03 3.17 0.00	43.03 3.48 0.00	46.45 3.84 0.00	50.36 4.54 0.00	55.99 5.16 -1.71	62.55 5.89 0.00	68.81 6.48 0.00	80.76 6.66 -11.84	98.08 6.67 -30.21	119.69 6.42 -53.31	124.97 7.34 -47.72	98.79 6.94 -23.08	75.59 5.71 -11.64	65.72 4.87 -6.10	53.93 4.36 0.00	46.03 3.72 0.00	40.46 3.27 0.00
INGHAM_C_115KV_TB7 356103	39.51 1.04 0.00	36.39 0.96 0.12	33.96 0.86 0.16	32.14 0.82 0.14	31.02 0.79 0.12	33.83 0.89 0.00	36.65 1.00 0.00	37.93 1.07 0.00	40.69 1.15 0.00	43.93 1.32 0.00	47.25 1.42 0.00	50.40 1.28 0.00	58.13 1.47 0.00	63.95 1.62 0.00	63.75 1.49 0.00	62.49 1.29 0.00	61.22 1.26 0.00	71.89 1.61 -0.37	70.45 1.38 -0.31	59.40 1.16 0.00	55.86 1.04 -0.07	51.42 0.99 -0.86	44.12 0.80 -1.01	38.62 0.67 -0.77
IP CORINTH___1 23988	41.16 2.69 0.00	38.08 2.52 0.00	35.48 2.23 0.00	33.41 1.95 0.00	32.23 1.88 0.00	35.02 2.08 0.00	37.93 2.28 0.00	39.22 2.36 0.00	42.28 2.73 0.00	45.64 3.03 0.00	48.81 2.98 0.00	52.27 3.14 0.00	60.28 3.63 0.00	65.94 3.62 0.00	81.42 3.36 -15.80	85.69 3.24 -21.24	82.83 3.30 -19.57	118.73 4.26 -44.55	169.11 4.95 -95.40	112.62 4.48 -49.89	84.88 4.38 -25.76	53.63 4.06 0.00	45.52 3.22 0.00	39.71 2.53 0.00

IP___TICONDEROGA 23804	43.82 5.35 0.00	40.53 4.98 0.00	37.58 4.32 0.00	35.33 3.87 0.00	34.05 3.70 0.00	37.03 4.09 0.00	40.22 4.56 0.00	41.43 4.57 0.00	44.81 5.26 0.00	48.37 5.75 0.00	51.79 5.96 0.00	55.36 6.24 0.00	63.90 7.25 0.00	69.87 7.54 0.00	84.98 6.91 -15.82	89.09 6.67 -21.22	86.45 6.66 -19.84	124.14 8.60 -45.63	174.59 9.35 -96.48	116.41 8.39 -49.79	88.69 8.10 -25.84	57.20 7.63 0.00	48.39 6.09 0.00	42.13 4.95 0.00
ISLIP_RES_REC 323679	42.85 4.38 0.00	41.10 4.55 -1.00	40.56 4.06 -3.25	39.83 3.68 -4.70	39.81 3.55 -5.91	40.23 3.85 -3.43	40.53 4.46 -0.42	41.51 4.64 0.00	44.17 4.62 0.00	47.47 4.86 0.00	52.39 6.55 -0.01	129.00 7.46 -72.41	135.73 8.61 -70.47	143.47 9.54 -71.61	225.60 9.58 -153.76	252.79 9.42 -182.17	290.86 9.17 -221.73	270.48 10.56 -190.01	282.08 10.17 -203.15	163.00 8.73 -96.03	142.85 7.56 -80.55	128.49 6.44 -72.48	54.49 5.46 -6.73	41.57 4.39 0.00
JAMAICA__27_KV_LOAD 355505	42.43 3.96 0.00	39.25 3.70 0.00	36.41 3.16 0.00	34.26 2.80 0.00	33.02 2.67 0.00	35.88 2.93 0.00	39.25 3.60 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.60 4.99 0.00	51.65 5.82 0.00	57.42 6.58 -1.71	64.07 7.42 0.00	70.31 7.98 0.00	82.44 8.22 -11.97	100.21 8.32 -30.69	122.28 7.97 -54.35	127.56 9.09 -48.56	100.91 8.73 -23.42	77.12 7.11 -11.78	67.06 6.13 -6.18	55.07 5.50 0.00	47.08 4.78 0.00	41.61 4.43 0.00
JANIS___SOLAR 323808	41.25 2.46 -0.31	37.91 2.13 -0.22	35.05 1.79 0.00	33.22 1.76 0.00	31.99 1.64 0.00	34.79 1.84 0.00	37.94 2.28 0.00	38.12 1.25 0.00	40.81 1.19 -0.08	43.99 1.11 -0.27	46.79 0.96 0.00	50.11 0.98 0.00	57.90 1.24 0.00	63.82 1.49 0.00	65.96 1.24 -2.46	66.00 1.34 -3.45	63.74 1.50 -2.28	79.46 3.29 -6.26	79.47 3.71 -7.00	66.43 3.44 -4.75	60.69 3.28 -2.66	53.70 3.07 -1.06	45.41 2.45 -0.66	39.77 2.08 -0.50
JARVIS____ 23743	38.85 0.38 0.00	35.82 0.39 0.12	33.46 0.37 0.16	31.67 0.35 0.14	30.56 0.33 0.12	33.27 0.33 0.00	36.01 0.36 0.00	37.27 0.41 0.00	39.98 0.44 0.00	43.13 0.51 0.00	46.42 0.59 0.00	49.72 0.59 0.00	57.39 0.73 0.00	63.14 0.81 0.00	63.01 0.75 0.00	61.94 0.74 0.00	60.68 0.72 0.00	71.12 0.84 -0.37	69.90 0.83 -0.31	58.94 0.70 0.00	55.48 0.66 -0.07	51.03 0.60 -0.86	43.82 0.51 -1.01	38.40 0.45 -0.77
JENNISON___1 23625	41.42 2.73 -0.22	38.13 2.42 -0.16	35.35 2.09 0.00	33.50 2.04 0.00	32.26 1.91 0.00	35.09 2.14 0.00	38.22 2.57 0.00	40.22 3.35 0.00	43.10 3.52 -0.04	46.88 4.13 -0.13	50.00 4.17 0.00	52.76 3.64 0.00	60.96 4.31 0.00	67.13 4.80 0.00	71.00 4.42 -4.32	72.19 4.16 -6.83	70.54 4.32 -6.27	83.08 4.19 -8.98	83.40 4.33 -10.31	69.17 3.84 -7.09	61.89 3.56 -3.58	53.84 3.52 -0.75	45.56 2.79 -0.47	40.00 2.45 -0.36
JENNISON___2 23626	41.42 2.73 -0.22	38.13 2.42 -0.16	35.35 2.09 0.00	33.50 2.04 0.00	32.26 1.91 0.00	35.09 2.14 0.00	38.22 2.57 0.00	40.22 3.35 0.00	43.10 3.52 -0.04	46.88 4.13 -0.13	50.00 4.17 0.00	52.76 3.64 0.00	60.96 4.31 0.00	67.13 4.80 0.00	71.00 4.42 -4.32	72.19 4.16 -6.83	70.54 4.32 -6.27	83.08 4.19 -8.98	83.40 4.33 -10.31	69.17 3.84 -7.09	61.89 3.56 -3.58	53.84 3.52 -0.75	45.56 2.79 -0.47	40.00 2.45 -0.36
JERICHO_RISE_WT_PWR 323719	37.28 -1.19 0.00	33.94 -1.03 0.58	31.53 -0.97 0.76	29.94 -0.88 0.63	29.09 -0.70 0.57	32.22 -0.72 0.00	35.40 -0.25 0.00	36.64 -0.22 0.00	39.35 -0.20 0.00	42.10 -0.51 0.00	45.23 -0.60 0.00	47.75 -1.38 0.00	54.50 -2.15 0.00	59.89 -2.43 0.01	59.83 -2.43 0.00	58.69 -2.51 0.00	57.32 -2.64 0.00	59.50 -3.21 7.20	59.37 -3.30 6.09	55.62 -2.62 0.00	50.87 -2.46 1.42	30.65 -2.08 16.84	20.74 -1.78 19.79	20.54 -1.64 15.01
KATONAH___115KV_46KV_TB4 355592	41.93 3.46 0.00	38.79 3.24 0.00	36.11 2.86 0.00	34.01 2.55 0.00	32.78 2.43 0.00	35.61 2.67 0.00	38.79 3.14 0.00	40.40 3.54 0.00	43.58 4.03 0.00	47.09 4.47 0.00	51.05 5.22 0.00	57.08 6.24 -1.71	63.73 7.08 0.00	70.18 7.85 0.00	82.48 8.09 -12.13	100.38 8.02 -31.16	122.86 7.67 -55.22	128.03 8.88 -49.24	100.97 8.53 -23.68	77.12 6.93 -11.95	66.81 5.80 -6.26	54.63 5.06 0.00	46.53 4.23 0.00	40.83 3.64 0.00
KCE_NY_1 323755	41.24 2.77 0.00	38.15 2.59 0.00	35.58 2.33 0.00	33.57 2.11 0.00	32.38 2.03 0.00	35.15 2.21 0.00	37.97 2.32 0.00	39.26 2.39 0.00	42.27 2.73 0.00	45.59 2.98 0.00	48.99 3.16 0.00	52.61 3.49 0.00	60.68 4.02 0.00	66.63 4.30 0.00	82.21 4.11 -15.84	86.42 4.04 -21.18	84.20 4.02 -20.22	122.02 4.96 -47.14	171.91 5.16 -97.99	112.41 4.55 -49.62	84.98 4.27 -25.96	53.48 3.92 0.00	45.48 3.17 0.00	39.83 2.64 0.00
KCE_NY_6_ESR 323823	38.78 0.31 0.00	35.66 0.11 0.00	33.05 -0.20 0.00	31.27 -0.19 0.00	30.05 -0.30 0.00	32.71 -0.23 0.00	35.47 -0.18 0.00	35.87 -0.99 0.00	38.48 -1.07 0.00	41.08 -1.53 0.00	44.27 -1.56 0.00	47.36 -1.77 0.00	54.95 -1.70 0.00	60.46 -1.87 0.00	61.08 -2.99 -1.81	60.44 -3.31 -2.55	58.40 -3.24 -1.68	67.71 -4.48 -2.27	67.45 -3.78 -2.48	56.87 -3.09 -1.72	51.57 -3.28 -0.11	47.06 -2.48 0.03	40.53 -1.78 0.00	36.85 -0.34 0.00
KEDC_PORT_JEFF_GT2 24210	42.35 3.88 0.00	40.71 4.16 -1.00	40.20 3.69 -3.25	39.49 3.33 -4.70	39.47 3.22 -5.91	39.90 3.53 -3.43	40.14 4.06 -0.42	41.10 4.24 0.00	43.46 3.92 0.00	46.58 3.96 0.00	51.34 5.50 -0.01	142.62 6.34 -87.16	150.19 7.25 -86.28	156.87 7.92 -86.63	255.87 8.03 -185.58	285.26 7.90 -216.16	326.93 7.68 -259.29	300.55 8.88 -221.75	320.70 8.46 -243.49	182.91 7.28 -117.40	162.36 6.29 -101.32	143.72 5.40 -88.75	52.37 4.82 -5.25	40.94 3.75 0.00
KEDC_PORT_JEFF_GT3 24211	42.35 3.88 0.00	40.71 4.16 -1.00	40.20 3.69 -3.25	39.49 3.33 -4.70	39.47 3.22 -5.91	39.90 3.53 -3.43	40.14 4.06 -0.42	41.10 4.24 0.00	43.46 3.92 0.00	46.58 3.96 0.00	51.34 5.50 -0.01	142.62 6.34 -87.16	150.19 7.25 -86.28	156.87 7.92 -86.63	255.87 8.03 -185.58	285.26 7.90 -216.16	326.93 7.68 -259.29	300.55 8.88 -221.75	320.70 8.46 -243.49	182.91 7.28 -117.40	162.36 6.29 -101.32	143.72 5.40 -88.75	52.37 4.82 -5.25	40.94 3.75 0.00
KEDC_GLWD_GT4 24219	42.55 4.08 0.00	40.57 4.02 -1.00	40.10 3.59 -3.26	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	41.18 4.31 0.00	43.98 4.43 0.00	47.43 4.81 0.00	51.51 5.68 0.00	62.40 6.58 -6.69	64.30 7.65 0.00	75.62 8.41 -4.88	82.69 8.47 -11.96	100.20 8.32 -30.68	122.38 8.09 -54.33	127.74 9.30 -48.53	100.89 8.73 -23.39	82.95 7.28 -17.43	70.14 6.24 -9.16	55.02 5.45 0.00	46.96 4.65 0.00	41.54 4.35 0.00
KEDC_GLWD_GT5 24220	42.55 4.08 0.00	40.57 4.02 -1.00	40.10 3.59 -3.26	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	41.18 4.31 0.00	43.98 4.43 0.00	47.43 4.81 0.00	51.51 5.68 0.00	62.40 6.58 -6.69	64.30 7.65 0.00	75.62 8.41 -4.88	82.69 8.47 -11.96	100.20 8.32 -30.68	122.38 8.09 -54.33	127.74 9.30 -48.53	100.89 8.73 -23.39	82.95 7.28 -17.43	70.14 6.24 -9.16	55.02 5.45 0.00	46.96 4.65 0.00	41.54 4.35 0.00

KENSICO____ 23655	41.78 3.31 0.00	38.68 3.13 0.00	36.01 2.76 0.00	33.94 2.49 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.72 3.07 0.00	40.25 3.39 0.00	43.26 3.72 0.00	46.75 4.13 0.00	50.69 4.86 0.00	56.39 5.55 -1.71	62.94 6.29 0.00	69.25 6.92 0.00	81.29 7.10 -11.94	98.92 7.10 -30.62	121.02 6.84 -54.23	126.12 7.76 -48.45	99.55 7.43 -23.36	76.05 6.06 -11.75	66.11 5.20 -6.17	54.18 4.61 0.00	46.28 3.98 0.00	40.68 3.50 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.85 3.39 0.00	38.75 3.20 0.00	36.08 2.83 0.00	34.04 2.58 0.00	32.81 2.46 0.00	35.61 2.67 0.00	38.65 2.99 0.00	39.96 3.10 0.00	42.83 3.28 0.00	46.19 3.58 0.00	50.04 4.22 0.00	53.89 4.77 0.00	62.38 5.72 0.00	68.69 6.36 0.00	80.03 6.60 -11.17	91.83 6.67 -23.96	100.80 6.54 -34.31	106.29 7.69 -28.68	88.10 7.43 -11.91	75.14 6.17 -10.73	64.53 5.20 -4.58	54.18 4.61 0.00	46.11 3.81 0.00	40.50 3.31 0.00
KIAC_JFK_GT1 23816	42.05 3.58 0.00	38.86 3.31 0.00	36.08 2.83 0.00	33.94 2.49 0.00	32.72 2.37 0.00	35.55 2.60 0.00	38.90 3.24 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.19 5.36 0.00	56.88 6.04 -1.71	63.45 6.80 0.00	69.62 7.29 0.00	81.76 7.53 -11.97	99.54 7.65 -30.69	121.62 7.32 -54.35	126.79 8.32 -48.56	100.09 7.91 -23.42	76.48 6.46 -11.78	66.40 5.47 -6.18	54.53 4.96 0.00	46.62 4.31 0.00	41.20 4.02 0.00
KIAC_JFK_GT2 23817	42.05 3.58 0.00	38.86 3.31 0.00	36.08 2.83 0.00	33.94 2.49 0.00	32.72 2.37 0.00	35.55 2.60 0.00	38.90 3.24 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.19 5.36 0.00	56.88 6.04 -1.71	63.45 6.80 0.00	69.62 7.29 0.00	81.76 7.53 -11.97	99.54 7.65 -30.69	121.62 7.32 -54.35	126.79 8.32 -48.56	100.09 7.91 -23.42	76.48 6.46 -11.78	66.40 5.47 -6.18	54.53 4.96 0.00	46.62 4.31 0.00	41.20 4.02 0.00
KIAC_JFK____ 323774	42.05 3.58 0.00	38.86 3.31 0.00	36.08 2.82 0.00	33.94 2.48 0.00	32.72 2.37 0.00	35.55 2.60 0.00	38.86 3.21 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.13 4.51 0.00	51.10 5.27 0.00	56.93 6.09 -1.71	63.56 6.91 0.00	69.62 7.29 0.00	81.75 7.53 -11.97	99.60 7.71 -30.69	121.68 7.37 -54.35	126.77 8.32 -48.55	100.07 7.90 -23.40	76.47 6.46 -11.77	66.40 5.47 -6.17	54.53 4.96 0.00	46.66 4.36 0.00	41.24 4.05 0.00
KINTIGH____ 23543	37.82 -0.65 0.00	34.81 -0.75 0.00	32.36 -0.90 0.00	30.61 -0.85 0.00	29.41 -0.94 0.00	31.99 -0.96 0.00	34.69 -0.96 0.00	35.13 -1.73 0.00	37.65 -1.90 0.00	40.31 -2.30 0.00	43.12 -2.70 0.00	46.27 -2.85 0.00	53.59 -3.06 0.00	58.96 -3.37 0.00	60.13 -3.61 -1.49	59.25 -4.04 -2.09	57.32 -4.02 -1.38	67.46 -5.03 -2.58	63.81 -4.95 0.00	54.16 -4.08 0.00	50.66 -3.28 0.80	46.46 -3.07 0.04	39.93 -2.37 0.00	36.29 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.89 -0.58 0.00	34.97 -0.43 0.16	32.62 -0.43 0.21	30.88 -0.41 0.17	29.98 -0.21 0.15	33.08 0.13 0.00	36.40 0.75 0.00	37.67 0.81 0.00	40.50 0.95 0.00	43.17 0.55 0.00	46.33 0.50 0.00	49.66 0.54 0.00	56.94 0.28 0.00	61.89 -0.44 0.01	61.63 -0.62 0.00	61.20 0.00 0.00	59.78 -0.18 0.00	61.36 -1.26 7.29	61.42 -1.17 6.17	57.31 -0.93 0.00	52.38 -0.93 1.43	31.23 -1.29 17.05	21.20 -1.06 20.04	20.91 -1.08 15.20
LACHUTE____HYDRO 323717	43.82 5.35 0.00	40.53 4.98 0.00	37.57 4.32 0.00	35.33 3.87 0.00	34.05 3.70 0.00	37.03 4.08 0.00	40.22 4.56 0.00	41.43 4.57 0.00	44.81 5.26 0.00	48.36 5.75 0.00	51.78 5.96 0.00	55.46 6.34 0.00	63.96 7.31 0.00	69.81 7.48 0.00	84.98 6.91 -15.82	89.09 6.67 -21.22	86.51 6.71 -19.84	124.13 8.60 -45.62	174.57 9.35 -96.46	116.45 8.44 -49.77	88.69 8.10 -25.84	57.20 7.63 0.00	48.40 6.09 0.00	42.17 4.98 0.00
LAWRNCALV_115KV_TB1 80681	36.42 -2.15 -0.11	27.17 -1.99 6.40	22.90 -1.93 8.42	22.58 -1.82 7.05	22.38 -1.67 6.30	31.17 -1.78 0.00	33.90 -1.75 0.00	35.13 -1.73 0.00	37.71 -1.86 -0.02	40.52 -2.17 -0.08	43.40 -2.43 0.00	46.32 -2.80 0.00	53.25 -3.40 0.00	58.21 -4.11 0.01	58.21 -4.05 0.00	57.53 -3.67 0.00	56.42 -3.54 0.00	59.79 -4.47 5.65	59.72 -4.33 4.71	55.05 -3.49 -0.31	50.66 -3.23 0.85	32.69 -2.83 14.05	23.14 -2.45 16.71	22.40 -2.12 12.67
LEDERLE____ 23769	41.85 3.39 0.00	38.72 3.16 0.00	36.05 2.79 0.00	33.97 2.52 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.72 3.07 0.00	40.18 3.32 0.00	43.19 3.64 0.00	46.66 4.05 0.00	50.59 4.77 0.00	54.48 5.35 0.00	62.94 6.29 0.00	69.25 6.92 0.00	80.82 7.10 -11.47	96.75 7.04 -28.51	116.08 6.84 -49.28	122.35 7.83 -44.60	98.15 7.43 -21.96	75.58 6.12 -11.23	65.80 5.20 -5.85	54.23 4.66 0.00	46.24 3.93 0.00	40.64 3.46 0.00
LIGHTHSE_115KV_TB6 355974	39.14 -0.27 -0.94	35.28 -0.32 -0.04	32.03 -0.40 0.82	30.46 -0.31 0.69	29.40 -0.33 0.61	32.59 -0.36 -0.01	35.40 -0.25 0.00	36.57 -0.29 0.00	39.30 -0.44 -0.19	42.84 -0.43 -0.65	45.09 -0.73 0.00	48.24 -0.88 0.00	55.69 -0.96 0.00	61.33 -1.00 0.00	61.96 -1.06 -0.76	60.92 -1.35 -1.07	59.47 -1.20 -0.71	73.97 -1.12 -5.18	71.85 -0.96 -4.05	60.37 -0.64 -2.77	57.84 -0.33 -3.42	51.37 -0.15 -1.94	42.53 -0.25 -0.48	37.33 -0.22 -0.37
LINDEN COGEN____ 23786	41.89 3.42 0.00	38.79 3.24 0.00	36.08 2.82 0.00	33.94 2.48 0.00	32.75 2.40 0.00	35.52 2.57 0.00	38.79 3.14 0.00	40.44 3.57 0.00	43.46 3.92 0.00	45.78 4.26 1.10	46.30 4.95 4.48	46.85 5.74 8.02	53.36 6.51 9.80	60.85 6.86 8.34	73.80 7.09 -4.45	89.31 7.16 -20.95	97.13 6.83 -30.34	101.66 7.69 -24.06	89.61 7.29 -13.57	66.12 5.94 -1.93	46.85 4.98 12.88	54.13 4.56 0.00	46.41 4.10 0.00	41.02 3.83 0.00
LINDHRST_69_KV_BK1 356055	42.74 4.27 0.00	40.85 4.30 -1.00	40.33 3.82 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.00 3.62 -3.43	40.28 4.21 -0.42	41.29 4.42 0.00	44.06 4.51 0.00	47.39 4.77 0.00	52.02 6.19 0.00	68.80 6.93 -12.75	70.96 7.82 -6.49	82.17 8.98 -10.86	96.25 8.96 -25.03	114.65 8.81 -44.64	138.35 8.63 -69.76	141.56 10.07 -61.58	118.50 9.76 -39.98	89.25 8.21 -22.80	75.14 7.06 -13.33	62.39 6.15 -6.68	50.87 5.20 -3.36	41.54 4.35 0.00
LIPA_MISC_IPP 23656	42.47 4.00 0.00	40.68 4.12 -1.00	40.20 3.69 -3.25	39.46 3.30 -4.70	39.44 3.19 -5.91	39.87 3.49 -3.43	40.14 4.06 -0.42	41.14 4.28 0.00	43.74 4.19 0.00	47.00 4.39 0.00	51.89 6.05 -0.01	130.48 6.78 -74.58	137.09 7.65 -72.79	144.87 8.73 -73.81	229.47 8.78 -158.44	256.99 8.63 -187.16	295.54 8.33 -227.24	274.31 9.72 -194.68	287.34 9.49 -209.09	160.04 8.10 -93.71	138.33 6.95 -76.63	130.34 5.90 -74.87	53.02 4.95 -5.76	41.13 3.94 0.00
LISF____SOLAR 323691	42.55 4.08 0.00	40.78 4.23 -1.00	40.30 3.79 -3.25	39.55 3.40 -4.70	39.54 3.28 -5.91	39.97 3.59 -3.43	40.21 4.13 -0.42	41.17 4.31 0.00	43.86 4.31 0.00	47.13 4.51 0.00	51.98 6.14 -0.01	131.71 7.02 -75.56	138.53 8.04 -73.84	146.05 8.91 -74.81	231.77 8.97 -160.55	259.49 8.87 -189.42	298.27 8.57 -229.74	276.68 10.00 -196.78	290.06 9.55 -211.75	162.59 8.33 -96.03	141.08 7.17 -79.17	131.61 6.10 -75.95	53.22 5.12 -5.80	41.28 4.09 0.00

LITTLE FALLS___HYD 24013	39.51 1.04 0.00	36.39 0.96 0.12	33.96 0.86 0.16	32.14 0.82 0.14	31.02 0.79 0.12	33.83 0.89 0.00	36.65 1.00 0.00	37.93 1.07 0.00	40.69 1.15 0.00	43.93 1.32 0.00	47.25 1.42 0.00	50.40 1.28 0.00	58.13 1.47 0.00	63.95 1.62 0.00	63.75 1.49 0.00	62.49 1.29 0.00	61.22 1.26 0.00	71.89 1.61 -0.37	70.45 1.38 -0.31	59.40 1.16 0.00	55.86 1.04 -0.07	51.42 0.99 -0.86	44.12 0.80 -1.01	38.62 0.67 -0.77
LITTLRIV_115KV_TB1 356100	36.78 -1.81 -0.11	27.79 -1.67 6.10	23.55 -1.66 8.04	23.18 -1.54 6.73	22.95 -1.40 6.01	31.46 -1.48 0.00	34.30 -1.35 0.00	35.57 -1.29 0.00	38.15 -1.42 -0.02	40.99 -1.70 -0.08	43.86 -1.97 0.00	46.67 -2.46 0.00	53.71 -2.95 0.00	58.58 -3.74 0.01	58.64 -3.61 0.00	57.96 -3.24 0.00	56.90 -3.06 0.00	60.52 -3.92 5.47	60.42 -3.78 4.55	55.60 -2.97 -0.33	51.27 -2.68 0.80	33.59 -2.28 13.70	23.95 -2.03 16.32	22.99 -1.82 12.37
LI_NEWBRDGE___DRP 323616	41.97 3.50 0.00	40.07 3.52 -1.00	39.63 3.13 -3.25	38.99 2.83 -4.70	38.99 2.73 -5.91	39.34 2.96 -3.43	39.53 3.46 -0.42	40.55 3.69 0.00	43.34 3.80 0.00	46.66 4.05 0.00	51.10 5.27 0.00	61.76 5.94 -6.69	63.34 6.69 0.00	74.58 7.60 -4.65	81.88 7.66 -11.96	99.40 7.53 -30.68	121.61 7.32 -54.33	126.91 8.46 -48.54	100.29 8.11 -23.41	82.44 6.76 -17.45	69.66 5.75 -9.16	54.58 5.01 0.00	46.62 4.31 0.00	40.87 3.68 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.97 -0.50 0.00	34.95 -0.60 0.00	32.42 -0.83 0.00	30.67 -0.79 0.00	29.44 -0.91 0.00	32.05 -0.89 0.00	34.72 -0.93 0.00	35.02 -1.84 0.00	37.53 -2.02 0.00	39.97 -2.64 0.00	42.71 -3.12 0.00	45.83 -3.29 0.00	53.14 -3.51 0.00	58.53 -3.80 0.00	59.40 -4.48 -1.62	58.40 -5.08 -2.28	56.43 -5.04 -1.51	65.75 -6.22 -2.06	65.07 -5.84 -2.16	54.91 -4.83 -1.50	50.43 -4.27 0.05	45.86 -3.67 0.04	39.55 -2.75 0.00	36.41 -0.78 0.00
LOCKPORT___CC1 323769	37.89 -0.58 0.00	34.84 -0.71 0.00	32.32 -0.93 0.00	30.58 -0.88 0.00	29.38 -0.97 0.00	31.96 -0.99 0.00	34.62 -1.04 0.00	34.91 -1.95 0.00	37.41 -2.14 0.00	39.80 -2.81 0.00	42.89 -2.93 0.00	45.78 -3.34 0.00	53.03 -3.63 0.00	58.28 -4.05 0.00	59.16 -4.73 -1.64	58.42 -5.08 -2.30	56.56 -4.92 -1.52	65.55 -6.43 -2.07	64.92 -6.05 -2.21	54.77 -5.01 -1.54	50.18 -4.54 0.03	45.67 -3.87 0.04	39.38 -2.92 0.00	36.03 -1.15 0.00
LOCKPORT___CC2 323770	37.89 -0.58 0.00	34.84 -0.71 0.00	32.32 -0.93 0.00	30.58 -0.88 0.00	29.38 -0.97 0.00	31.96 -0.99 0.00	34.62 -1.04 0.00	34.91 -1.95 0.00	37.41 -2.14 0.00	39.80 -2.81 0.00	42.89 -2.93 0.00	45.78 -3.34 0.00	53.03 -3.63 0.00	58.28 -4.05 0.00	59.16 -4.73 -1.64	58.42 -5.08 -2.30	56.56 -4.92 -1.52	65.55 -6.43 -2.07	64.92 -6.05 -2.21	54.77 -5.01 -1.54	50.18 -4.54 0.03	45.67 -3.87 0.04	39.38 -2.92 0.00	36.03 -1.15 0.00
LOCKPORT___CC3 323771	37.89 -0.58 0.00	34.84 -0.71 0.00	32.32 -0.93 0.00	30.58 -0.88 0.00	29.38 -0.97 0.00	31.96 -0.99 0.00	34.62 -1.04 0.00	34.91 -1.95 0.00	37.41 -2.14 0.00	39.80 -2.81 0.00	42.89 -2.93 0.00	45.78 -3.34 0.00	53.03 -3.63 0.00	58.28 -4.05 0.00	59.16 -4.73 -1.64	58.42 -5.08 -2.30	56.56 -4.92 -1.52	65.55 -6.43 -2.07	64.92 -6.05 -2.21	54.77 -5.01 -1.54	50.18 -4.54 0.03	45.67 -3.87 0.04	39.38 -2.92 0.00	36.03 -1.15 0.00
LONG_LAKE_PHOENIX 24014	39.38 -0.42 -1.33	35.85 -0.46 -0.75	32.53 -0.47 0.26	30.80 -0.44 0.22	29.70 -0.46 0.20	32.46 -0.49 -0.01	35.19 -0.46 0.00	36.35 -0.52 0.00	39.23 -0.59 -0.27	42.90 -0.64 -0.92	44.91 -0.92 0.00	48.19 -0.93 0.00	55.63 -1.02 0.00	61.39 -0.93 0.00	62.05 -1.06 -0.85	61.29 -1.10 -1.19	59.67 -1.08 -0.79	76.60 -1.05 -7.74	74.18 -0.96 -6.38	61.34 -0.82 -3.92	59.42 -0.49 -5.17	53.57 -0.55 -4.55	44.62 -0.47 -2.78	38.97 -0.33 -2.12
LOVETT___3 23632	41.62 3.15 0.00	38.51 2.95 0.00	35.85 2.59 0.00	33.79 2.33 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.50 2.85 0.00	40.00 3.13 0.00	42.99 3.44 0.00	46.45 3.84 0.00	50.32 4.49 0.00	54.23 5.11 0.00	62.55 5.89 0.00	68.81 6.48 0.00	80.44 6.66 -11.52	96.60 6.67 -28.72	116.17 6.42 -49.79	122.25 7.34 -45.00	97.81 6.94 -22.11	75.28 5.77 -11.28	65.50 4.87 -5.88	53.93 4.36 0.00	46.03 3.72 0.00	40.46 3.27 0.00
LOVETT___4 23642	41.62 3.15 0.00	38.51 2.95 0.00	35.85 2.59 0.00	33.79 2.33 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.50 2.85 0.00	40.00 3.13 0.00	42.99 3.44 0.00	46.45 3.84 0.00	50.32 4.49 0.00	54.23 5.11 0.00	62.55 5.89 0.00	68.81 6.48 0.00	80.44 6.66 -11.52	96.60 6.67 -28.72	116.17 6.42 -49.79	122.25 7.34 -45.00	97.81 6.94 -22.11	75.28 5.77 -11.28	65.50 4.87 -5.88	53.93 4.36 0.00	46.03 3.72 0.00	40.46 3.27 0.00
LOVETT___5 23593	41.62 3.15 0.00	38.51 2.95 0.00	35.85 2.59 0.00	33.79 2.33 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.50 2.85 0.00	40.00 3.13 0.00	42.99 3.44 0.00	46.45 3.84 0.00	50.32 4.49 0.00	54.23 5.11 0.00	62.55 5.89 0.00	68.81 6.48 0.00	80.44 6.66 -11.52	96.60 6.67 -28.72	116.17 6.42 -49.79	122.25 7.34 -45.00	97.81 6.94 -22.11	75.28 5.77 -11.28	65.50 4.87 -5.88	53.93 4.36 0.00	46.03 3.72 0.00	40.46 3.27 0.00
LOWER RAQUET___HYD 24057	36.28 -2.31 -0.12	27.57 -2.17 5.81	23.52 -2.06 7.68	23.08 -1.95 6.43	22.82 -1.79 5.74	31.00 -1.94 0.00	33.76 -1.89 0.00	35.02 -1.84 0.00	37.60 -1.98 -0.03	40.36 -2.34 -0.09	43.22 -2.61 0.00	45.93 -3.19 0.00	52.74 -3.91 0.00	57.96 -4.36 0.01	58.02 -4.24 0.00	57.04 -4.16 0.00	55.88 -4.08 0.00	59.99 -4.62 5.31	59.81 -4.54 4.41	54.87 -3.73 -0.36	50.61 -3.39 0.75	33.17 -3.03 13.38	23.64 -2.71 15.95	22.82 -2.27 12.09
LOWER___HUDSON 24059	40.43 1.96 0.00	37.44 1.88 0.00	35.01 1.76 0.00	33.06 1.60 0.00	31.90 1.55 0.00	34.59 1.65 0.00	37.33 1.68 0.00	38.67 1.81 0.00	41.52 1.98 0.00	44.74 2.13 0.00	48.21 2.38 0.00	51.82 2.70 0.00	59.77 3.11 0.00	65.82 3.49 0.00	81.88 3.48 -16.14	86.25 3.30 -21.75	90.69 3.36 -27.38	140.19 4.05 -66.23	187.69 4.13 -114.81	109.12 3.44 -47.45	85.14 3.23 -27.17	52.39 2.82 0.00	44.63 2.33 0.00	39.12 1.93 0.00
LOWVILLE_115KV_TB2 356335	39.05 0.31 -0.28	34.29 0.21 1.48	31.13 0.07 2.19	29.72 0.09 1.83	28.81 0.09 1.64	33.08 0.13 0.00	36.04 0.39 0.00	37.34 0.48 0.00	40.04 0.44 -0.06	43.32 0.51 -0.19	46.19 0.37 0.00	49.03 -0.10 0.00	56.60 -0.06 0.00	62.27 -0.06 0.00	62.45 -0.19 -0.38	61.49 -0.24 -0.54	60.31 0.00 -0.36	70.67 0.28 -0.48	69.28 0.41 -0.10	59.69 0.64 -0.81	56.17 0.77 -0.66	48.07 0.94 2.44	39.46 0.55 3.39	34.95 0.33 2.57
LUTHERFT_115KV_GLOB_FND_222 355753	41.20 2.73 0.00	38.11 2.56 0.00	35.58 2.33 0.00	33.56 2.11 0.00	32.35 2.00 0.00	35.12 2.17 0.00	37.97 2.32 0.00	39.26 2.40 0.00	42.24 2.69 0.00	45.55 2.94 0.00	48.99 3.16 0.00	52.51 3.39 0.00	60.56 3.91 0.00	66.57 4.24 0.00	82.21 4.11 -15.84	86.30 3.92 -21.18	84.14 3.96 -20.22	121.96 4.89 -47.15	171.92 5.16 -98.01	112.30 4.43 -49.64	84.93 4.22 -25.97	53.44 3.87 0.00	45.43 3.13 0.00	39.75 2.57 0.00

LUTHERNY_35_KV_BK2 355980	41.24 2.77 0.00	38.15 2.60 0.00	35.58 2.33 0.00	33.56 2.11 0.00	32.38 2.03 0.00	35.15 2.21 0.00	38.00 2.35 0.00	39.26 2.40 0.00	42.28 2.73 0.00	45.60 2.98 0.00	48.99 3.16 0.00	52.56 3.44 0.00	60.62 3.97 0.00	66.63 4.30 0.00	82.21 4.11 -15.84	86.36 3.98 -21.18	84.20 4.02 -20.22	122.03 4.96 -47.15	171.99 5.23 -98.01	112.42 4.54 -49.64	84.99 4.27 -25.97	53.49 3.92 0.00	45.48 3.17 0.00	39.75 2.57 0.00
LWR___OSWEGATCHIE_HYD 23850	37.40 -1.31 -0.24	30.48 -1.24 3.83	26.78 -1.26 5.21	25.93 -1.16 4.36	25.39 -1.06 3.89	31.79 -1.15 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.53 -1.07 -0.05	41.55 -1.24 -0.17	44.36 -1.47 0.00	47.21 -1.92 0.00	54.39 -2.27 0.00	59.65 -2.68 0.00	59.80 -2.74 -0.28	59.02 -2.57 -0.39	57.88 -2.34 -0.26	64.87 -2.73 2.32	63.99 -2.61 2.16	57.02 -1.92 -0.71	53.10 -1.70 -0.05	39.90 -1.34 8.33	30.74 -1.31 10.25	28.19 -1.23 7.77
LYONS_FALL_HYD 23570	39.36 0.69 -0.20	35.15 0.57 0.97	32.21 0.40 1.45	30.68 0.44 1.21	29.66 0.39 1.08	33.41 0.46 0.00	36.36 0.71 0.00	37.67 0.81 0.00	40.42 0.83 -0.04	43.77 1.02 -0.14	46.74 0.92 0.00	49.67 0.54 0.00	57.34 0.68 0.00	63.08 0.75 0.00	63.31 0.69 -0.36	62.32 0.61 -0.51	61.07 0.78 -0.34	71.75 1.12 -0.72	70.27 1.24 -0.27	60.05 1.22 -0.59	56.53 1.26 -0.52	49.68 1.34 1.23	41.41 0.93 1.82	36.51 0.70 1.38
MADISON___COUNTY_LFGE 323628	40.09 1.42 -0.20	36.64 1.28 0.19	33.88 1.06 0.43	32.13 1.04 0.36	31.00 0.97 0.32	34.00 1.05 0.00	36.97 1.32 0.00	38.26 1.40 0.00	41.09 1.50 -0.04	44.54 1.79 -0.14	47.62 1.79 0.00	50.65 1.52 0.00	58.52 1.87 0.00	64.45 2.12 0.00	64.90 1.99 -0.65	63.95 1.84 -0.92	62.54 1.98 -0.61	74.31 2.45 -1.96	72.25 2.54 -0.94	61.09 2.27 -0.58	57.49 2.24 -0.50	52.41 2.18 -0.66	44.41 1.69 -0.41	38.91 1.41 -0.31
MALONE___115KV_TB1 356076	37.35 -1.12 0.00	32.64 -1.00 1.92	29.83 -0.93 2.49	28.49 -0.88 2.09	27.79 -0.70 1.86	32.25 -0.69 0.00	35.40 -0.25 0.00	36.64 -0.22 0.00	39.39 -0.16 0.00	42.10 -0.51 0.00	45.19 -0.64 0.00	48.34 -0.79 0.00	55.46 -1.19 0.00	60.39 -1.93 0.01	60.26 -1.99 0.00	59.73 -1.47 0.00	58.40 -1.56 0.00	60.38 -2.66 6.87	60.40 -2.54 5.82	56.20 -2.04 0.00	51.48 -1.92 1.35	31.61 -1.88 16.07	21.76 -1.65 18.89	21.30 -1.56 14.32
MAPLEWOD_115KV_TB3 80458	40.24 1.77 0.00	37.26 1.71 0.00	34.85 1.60 0.00	32.90 1.45 0.00	31.72 1.37 0.00	34.43 1.48 0.00	37.15 1.50 0.00	38.48 1.62 0.00	41.37 1.82 0.00	44.62 2.00 0.00	48.07 2.25 0.00	51.48 2.36 0.00	59.37 2.72 0.00	65.45 3.12 0.00	81.34 3.11 -15.97	84.82 2.94 -20.69	86.77 3.00 -23.82	135.28 3.64 -61.73	174.43 3.64 -102.03	101.95 3.03 -40.68	81.23 2.79 -23.69	52.05 2.48 0.00	44.42 2.12 0.00	38.86 1.67 0.00
MAPLE_RIDGE_WT_1 323574	38.01 -0.46 0.00	35.32 -0.39 -0.15	33.12 -0.33 -0.20	31.34 -0.28 -0.17	30.22 -0.27 -0.15	32.68 -0.26 0.00	35.37 -0.29 0.00	36.24 -0.63 0.00	38.87 -0.67 0.00	41.76 -0.85 0.00	44.86 -0.96 0.00	47.85 -1.28 0.00	55.01 -1.64 0.00	60.38 -1.93 0.01	60.33 -1.93 0.00	59.42 -1.78 0.00	58.28 -1.68 0.00	56.48 -1.96 11.48	57.05 -2.00 9.72	56.43 -1.81 0.00	50.68 -1.81 2.26	20.98 -1.74 26.85	9.18 -1.56 31.56	11.85 -1.41 23.93
MAPLE_RIDGE_WT_2 323611	38.01 -0.46 0.00	35.32 -0.39 -0.15	33.12 -0.33 -0.20	31.34 -0.28 -0.17	30.22 -0.27 -0.15	32.68 -0.26 0.00	35.37 -0.29 0.00	36.24 -0.63 0.00	38.87 -0.67 0.00	41.76 -0.85 0.00	44.86 -0.96 0.00	47.85 -1.28 0.00	55.01 -1.64 0.00	60.38 -1.93 0.01	60.33 -1.93 0.00	59.42 -1.78 0.00	58.28 -1.68 0.00	56.48 -1.96 11.48	57.05 -2.00 9.72	56.43 -1.81 0.00	50.68 -1.81 2.26	20.98 -1.74 26.85	9.18 -1.56 31.56	11.85 -1.41 23.93
MARBLE_RIVER_WT_PWR 323696	37.47 -1.00 0.00	34.67 -0.89 0.00	32.45 -0.80 0.00	30.70 -0.76 0.00	29.77 -0.58 0.00	32.48 -0.46 0.00	35.69 0.04 0.00	36.94 0.07 0.00	39.71 0.16 0.00	42.44 -0.17 0.00	45.55 -0.27 0.00	47.94 -1.18 0.00	54.62 -2.04 0.00	60.02 -2.30 0.01	59.89 -2.37 0.00	58.81 -2.39 0.00	57.38 -2.58 0.00	59.43 -3.14 7.34	59.32 -3.23 6.21	55.74 -2.50 0.00	50.95 -2.35 1.44	30.52 -1.88 17.17	20.56 -1.56 20.18	20.40 -1.49 15.30
MARSHVLE_115KV_TB1 80742	42.16 3.69 0.00	39.00 3.45 0.00	36.31 3.06 0.00	34.29 2.83 0.00	33.08 2.73 0.00	35.94 3.00 0.00	39.07 3.42 0.00	40.00 3.13 0.00	42.75 3.20 0.00	45.85 3.24 0.00	49.22 3.39 0.00	52.61 3.49 0.00	60.79 4.14 0.00	66.75 4.43 0.00	83.91 4.23 -17.42	89.52 4.28 -24.03	82.55 4.20 -18.39	111.67 5.80 -35.95	146.94 6.46 -71.72	106.63 5.94 -42.45	81.25 5.64 -20.87	54.82 5.25 0.00	46.58 4.27 0.00	40.72 3.53 0.00
MARSH_HILL_WT_PWR 323713	39.99 1.38 -0.14	36.79 1.14 -0.10	34.08 0.83 0.00	32.21 0.75 0.00	31.02 0.67 0.00	33.73 0.79 0.00	36.65 1.00 0.00	37.34 0.48 0.00	40.05 0.48 -0.03	42.97 0.26 -0.10	45.97 0.14 0.00	49.27 0.15 0.00	57.10 0.45 0.00	62.95 0.62 0.00	64.26 -0.31 -2.31	63.84 -0.61 -3.25	61.51 -0.60 -2.15	72.43 -1.47 -3.99	71.79 -0.90 -3.93	60.10 -0.82 -2.68	54.84 -0.93 -1.03	49.31 -0.69 -0.44	42.08 -0.51 -0.28	37.63 0.22 -0.22
MCINTYRE_115KV_TB2 80467	37.05 -1.42 0.00	27.62 -1.32 6.62	23.30 -1.33 8.62	23.01 -1.23 7.22	22.81 -1.09 6.44	31.79 -1.15 0.00	34.62 -1.03 0.00	35.87 -1.00 0.00	38.42 -1.15 -0.02	41.24 -1.45 -0.07	44.13 -1.70 0.00	46.96 -2.16 0.00	54.05 -2.61 0.00	58.96 -3.37 0.01	59.02 -3.24 0.00	58.39 -2.82 0.00	57.32 -2.64 0.00	60.26 -3.43 6.23	60.25 -3.23 5.27	55.79 -2.45 0.00	51.28 -2.24 1.23	33.21 -1.78 14.57	23.57 -1.61 17.12	22.75 -1.45 12.98
MECO_____69_KV_BK1 80468	44.24 5.77 0.00	40.92 5.37 0.00	37.91 4.66 0.00	35.70 4.25 0.00	34.48 4.13 0.00	37.49 4.55 0.00	40.93 5.28 0.00	42.10 5.23 0.00	45.36 5.81 0.00	48.88 6.26 0.00	52.43 6.60 0.00	55.80 6.68 0.00	64.47 7.82 0.00	70.74 8.41 0.00	87.01 7.84 -16.91	92.50 8.02 -23.28	86.04 8.03 -18.05	116.05 10.42 -35.72	155.42 10.80 -75.86	112.50 9.38 -44.88	85.52 8.70 -22.07	57.65 8.08 0.00	48.78 6.47 0.00	42.54 5.35 0.00
MENANDS___115KV_TB5 355628	39.97 1.50 0.00	37.01 1.46 0.00	34.62 1.36 0.00	32.68 1.23 0.00	31.53 1.18 0.00	34.20 1.25 0.00	36.90 1.25 0.00	38.23 1.36 0.00	41.09 1.54 0.00	44.32 1.70 0.00	47.80 1.97 0.00	51.14 2.01 0.00	58.98 2.32 0.00	64.95 2.62 0.00	80.53 2.68 -15.60	84.36 2.51 -20.65	83.50 2.58 -20.96	123.84 3.15 -50.78	157.33 3.09 -85.47	98.44 2.56 -37.64	77.97 2.30 -20.93	51.60 2.03 0.00	44.08 1.78 0.00	38.60 1.41 0.00
MG INDUSTRY___DRP 24185	39.89 1.42 0.00	36.94 1.39 0.00	34.58 1.33 0.00	32.68 1.23 0.00	31.53 1.18 0.00	34.20 1.25 0.00	36.90 1.25 0.00	38.15 1.29 0.00	40.97 1.42 0.00	44.15 1.53 0.00	47.57 1.74 0.00	50.74 1.62 0.00	58.07 1.42 0.00	63.95 1.62 0.00	77.25 1.68 -13.32	82.20 1.59 -19.40	64.88 1.62 -3.30	54.87 1.96 17.00	48.50 1.93 22.18	75.05 1.63 -15.19	58.38 1.48 -2.16	50.86 1.29 0.00	43.95 1.65 0.00	38.52 1.34 0.00

MID___OSWEGATCHIE_HYD 23849	37.40 -1.31 -0.24	30.48 -1.24 3.83	26.78 -1.26 5.21	25.93 -1.16 4.36	25.39 -1.06 3.89	31.79 -1.15 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.53 -1.07 -0.05	41.55 -1.24 -0.17	44.36 -1.47 0.00	47.21 -1.92 0.00	54.39 -2.27 0.00	59.65 -2.68 0.00	59.80 -2.74 -0.28	59.02 -2.57 -0.39	57.88 -2.34 -0.26	64.87 -2.73 2.32	63.99 -2.61 2.16	57.02 -1.92 -0.71	53.10 -1.70 -0.05	39.90 -1.34 8.33	30.74 -1.31 10.25	28.19 -1.23 7.77
MID___RAQUETTE_HYD 23851	36.28 -2.31 -0.12	27.57 -2.17 5.81	23.52 -2.06 7.68	23.08 -1.95 6.43	22.82 -1.79 5.74	31.00 -1.94 0.00	33.76 -1.89 0.00	35.02 -1.84 0.00	37.60 -1.98 -0.03	40.36 -2.34 -0.09	43.26 -2.57 0.00	46.13 -3.00 0.00	53.03 -3.63 0.00	57.90 -4.43 0.01	57.90 -4.36 0.00	57.28 -3.92 0.00	56.18 -3.78 0.00	59.85 -4.75 5.31	59.74 -4.61 4.41	54.87 -3.73 -0.36	50.55 -3.45 0.75	33.17 -3.02 13.38	23.73 -2.62 15.95	22.79 -2.31 12.09
MILLIKEN___1 23584	40.16 1.27 -0.42	36.96 1.10 -0.30	34.15 0.90 0.00	32.34 0.88 0.00	31.17 0.82 0.00	33.87 0.92 0.00	36.76 1.11 0.00	37.78 0.92 0.00	40.62 0.99 -0.09	43.94 1.02 -0.30	46.74 0.92 0.00	50.11 0.98 0.00	57.90 1.25 0.00	63.89 1.56 0.00	65.78 1.31 -2.21	65.53 1.22 -3.11	63.27 1.26 -2.06	76.95 1.68 -5.37	75.77 1.99 -5.01	63.31 1.75 -3.33	58.78 1.81 -2.23	52.51 1.54 -1.41	44.44 1.27 -0.87	39.08 1.23 -0.66
MILLIKEN___2 23585	40.16 1.27 -0.42	36.96 1.10 -0.30	34.15 0.90 0.00	32.34 0.88 0.00	31.17 0.82 0.00	33.87 0.92 0.00	36.76 1.11 0.00	37.78 0.92 0.00	40.62 0.99 -0.09	43.94 1.02 -0.30	46.74 0.92 0.00	50.11 0.98 0.00	57.90 1.25 0.00	63.89 1.56 0.00	65.78 1.31 -2.21	65.53 1.22 -3.11	63.27 1.26 -2.06	76.95 1.68 -5.37	75.77 1.99 -5.01	63.31 1.75 -3.33	58.78 1.81 -2.23	52.51 1.54 -1.41	44.44 1.27 -0.87	39.08 1.23 -0.66
MILLIKEN___DIESEL 23629	40.16 1.27 -0.42	36.96 1.10 -0.30	34.15 0.90 0.00	32.34 0.88 0.00	31.17 0.82 0.00	33.87 0.92 0.00	36.76 1.11 0.00	37.78 0.92 0.00	40.62 0.99 -0.09	43.94 1.02 -0.30	46.74 0.92 0.00	50.11 0.98 0.00	57.90 1.25 0.00	63.89 1.56 0.00	65.78 1.31 -2.21	65.53 1.22 -3.11	63.27 1.26 -2.06	76.95 1.68 -5.37	75.77 1.99 -5.01	63.31 1.75 -3.33	58.78 1.81 -2.23	52.51 1.54 -1.41	44.44 1.27 -0.87	39.08 1.23 -0.66
MILLSEAT___LFGE 323607	38.70 0.23 0.00	35.59 0.04 0.00	32.95 -0.30 0.00	31.17 -0.28 0.00	29.96 -0.40 0.00	32.61 -0.33 0.00	35.37 -0.29 0.00	35.79 -1.07 0.00	38.32 -1.23 0.00	40.86 -1.75 0.00	44.04 -1.79 0.00	47.06 -2.06 0.00	54.56 -2.10 0.00	60.02 -2.30 0.00	60.84 -2.99 -1.57	60.10 -3.31 -2.21	58.30 -3.12 -1.46	67.73 -4.27 -2.08	67.02 -3.85 -2.11	56.51 -3.20 -1.47	51.83 -2.85 0.07	47.15 -2.38 0.04	40.49 -1.82 0.00	36.81 -0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.70 3.23 0.00	38.58 3.02 0.00	35.95 2.69 0.00	33.85 2.39 0.00	32.66 2.31 0.00	35.45 2.50 0.00	38.61 2.96 0.00	40.14 3.28 0.00	43.15 3.60 0.00	46.58 3.96 0.00	50.50 4.67 0.00	56.19 5.35 -1.71	62.77 6.12 0.00	69.06 6.73 0.00	81.06 6.91 -11.89	98.49 6.85 -30.44	120.45 6.66 -53.84	125.59 7.55 -48.13	99.21 7.22 -23.23	75.88 5.94 -11.70	65.92 5.04 -6.14	54.08 4.51 0.00	46.15 3.85 0.00	40.57 3.38 0.00
MILLWOOD_13_KV_LOAD 356217	41.85 3.39 0.00	38.72 3.16 0.00	36.05 2.79 0.00	33.94 2.49 0.00	32.75 2.40 0.00	35.55 2.60 0.00	38.75 3.10 0.00	40.29 3.43 0.00	43.38 3.84 0.00	46.87 4.26 0.00	50.82 5.00 -1.71	56.68 5.85 0.00	63.28 6.63 0.00	69.62 7.29 0.00	81.62 7.47 -11.89	99.10 7.47 -30.44	120.93 7.14 -53.84	126.22 8.18 -48.13	99.83 7.84 -23.23	76.34 6.41 -11.70	66.30 5.42 -6.14	54.38 4.81 0.00	46.36 4.06 0.00	40.76 3.57 0.00
MODEL_CITY_ENERGY 24167	37.62 -0.85 0.00	34.63 -0.92 0.00	32.09 -1.16 0.00	30.42 -1.04 0.00	29.20 -1.15 0.00	31.76 -1.18 0.00	34.40 -1.25 0.00	34.65 -2.21 0.00	37.13 -2.41 0.00	39.59 -3.02 0.00	42.62 -3.21 0.00	45.54 -3.58 0.00	52.74 -3.91 0.00	57.96 -4.36 0.00	58.87 -5.04 -1.65	58.14 -5.39 -2.32	56.28 -5.22 -1.54	65.19 -6.78 -2.06	64.60 -6.39 -2.23	54.50 -5.30 -1.56	49.91 -4.82 0.02	45.42 -4.11 0.04	39.17 -3.13 0.00	35.81 -1.38 0.00
MODERN_LFGE___ 323580	37.62 -0.85 0.00	34.63 -0.92 0.00	32.09 -1.16 0.00	30.42 -1.04 0.00	29.20 -1.15 0.00	31.76 -1.18 0.00	34.40 -1.25 0.00	34.65 -2.21 0.00	37.13 -2.41 0.00	39.59 -3.02 0.00	42.62 -3.21 0.00	45.54 -3.58 0.00	52.74 -3.91 0.00	57.96 -4.36 0.00	58.87 -5.04 -1.65	58.14 -5.39 -2.32	56.28 -5.22 -1.54	65.19 -6.78 -2.06	64.60 -6.39 -2.23	54.50 -5.30 -1.56	49.91 -4.82 0.02	45.42 -4.11 0.04	39.17 -3.13 0.00	35.81 -1.38 0.00
MOHAWK_PAPER___DRP 24187	40.24 1.77 0.00	37.26 1.71 0.00	34.85 1.60 0.00	32.90 1.45 0.00	31.72 1.37 0.00	34.43 1.48 0.00	37.15 1.50 0.00	38.48 1.62 0.00	41.37 1.82 0.00	44.62 2.00 0.00	48.07 2.25 0.00	51.48 2.36 0.00	59.37 2.72 0.00	65.45 3.12 0.00	81.34 3.11 -15.97	84.82 2.94 -20.69	86.77 3.00 -23.82	135.28 3.64 -61.73	174.43 3.64 -102.03	101.95 3.03 -40.68	81.23 2.79 -23.69	52.05 2.48 0.00	44.42 2.12 0.00	38.86 1.67 0.00
MOHICAN___35_KV_115KV_LD 80490	41.51 3.04 0.00	38.40 2.84 0.00	35.78 2.53 0.00	33.69 2.23 0.00	32.51 2.15 0.00	35.32 2.37 0.00	38.25 2.60 0.00	39.52 2.65 0.00	42.59 3.05 0.00	45.98 3.37 0.00	49.22 3.39 0.00	52.71 3.59 0.00	60.79 4.14 0.00	66.63 4.30 0.00	82.07 3.98 -15.83	86.26 3.86 -21.20	83.85 3.90 -20.00	121.21 5.03 -46.26	171.51 5.64 -97.11	112.97 5.01 -49.73	85.52 4.87 -25.90	54.08 4.51 0.00	45.86 3.55 0.00	40.05 2.86 0.00
MONGAUP___HYD 23641	41.55 3.08 0.00	38.47 2.92 0.00	35.85 2.60 0.00	33.78 2.33 0.00	32.57 2.21 0.00	35.35 2.40 0.00	38.33 2.68 0.00	39.52 2.66 0.00	42.31 2.77 0.00	45.59 2.98 0.00	49.27 3.44 0.00	53.06 3.93 0.00	61.41 4.76 0.00	67.50 5.17 0.00	78.36 5.29 -10.81	92.53 5.44 -25.89	108.74 5.40 -43.38	116.32 6.50 -39.90	95.30 6.40 -20.15	74.21 5.47 -10.50	64.77 4.60 -5.43	53.68 4.11 0.00	45.77 3.47 0.00	40.16 2.98 0.00
MONTAUK___DIESEL 23721	43.16 4.69 0.00	41.21 4.66 -1.00	40.66 4.16 -3.25	39.90 3.74 -4.70	39.93 3.67 -5.91	40.49 4.12 -3.43	40.82 4.74 -0.42	41.95 5.09 0.00	45.00 5.46 0.00	48.45 5.84 0.00	53.86 8.02 -0.01	133.05 8.94 -74.99	139.85 9.97 -73.23	147.96 11.41 -74.23	232.85 11.27 -159.32	260.39 9.89 -188.11	298.14 11.54 -228.29	277.01 11.54 -195.56	290.05 11.07 -210.22	163.12 10.25 -94.63	141.02 8.65 -77.62	132.18 7.29 -75.32	53.91 5.84 -5.77	41.76 4.57 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.12 1.65 0.00	36.83 1.28 0.00	34.05 0.80 0.00	31.90 0.44 0.00	30.65 0.30 0.00	33.47 0.53 0.00	36.26 0.61 0.00	36.83 -0.04 0.00	39.51 -0.04 0.00	42.31 -0.30 0.00	45.32 -0.50 0.00	48.49 -0.64 0.00	56.37 -0.28 0.00	62.33 0.00 0.00	62.91 -1.25 -1.90	61.91 -1.96 -2.67	59.69 -2.04 -1.77	69.39 -2.94 -2.42	69.21 -2.13 -2.58	58.29 -1.75 -1.80	52.67 -2.24 -0.17	48.15 -1.39 0.03	41.33 -0.97 0.00	37.45 0.26 0.00

MORTIMER_115KV_TB3 55949	38.51 0.04 0.00	35.41 -0.14 0.00	32.92 -0.33 0.00	31.14 -0.31 0.00	29.96 -0.39 0.00	32.58 -0.36 0.00	35.33 -0.32 0.00	36.09 -0.77 0.00	38.72 -0.83 0.00	41.59 -1.02 0.00	44.59 -1.24 0.00	47.85 -1.28 0.00	55.41 -1.25 0.00	61.02 -1.31 0.00	62.10 -1.49 -1.33	61.24 -1.84 -1.87	59.40 -1.80 -1.24	69.77 -2.24 -2.10	66.49 -2.27 0.00	56.37 -1.86 0.00	52.64 -1.31 0.80	48.24 -1.29 0.04	41.25 -1.06 0.00	37.04 -0.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.09 3.62 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.59 3.72 0.00	43.62 4.07 0.00	47.09 4.47 0.00	51.10 5.27 0.00	56.78 5.94 -1.71	63.34 6.69 0.00	69.50 7.17 0.00	81.63 7.41 -11.97	99.23 7.34 -30.69	121.38 7.08 -54.35	126.44 7.97 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.29 5.37 -6.18	54.43 4.86 0.00	46.58 4.27 0.00	41.05 3.87 0.00
MUNSVILLE_WIND_PWR 323609	42.55 3.81 -0.27	39.16 3.41 -0.19	36.11 2.86 0.00	34.29 2.83 0.00	33.02 2.67 0.00	35.91 2.97 0.00	39.25 3.60 0.00	42.50 5.64 0.00	45.44 5.85 -0.04	49.56 6.82 -0.13	52.75 6.92 0.00	54.92 5.79 0.00	63.45 6.80 0.00	69.68 7.35 0.00	73.36 6.79 -4.32	74.58 6.55 -6.83	73.06 6.83 -6.27	82.19 5.60 -6.68	82.63 5.78 -8.09	69.01 5.24 -5.53	62.58 4.87 -2.96	55.23 4.76 -0.90	46.59 3.72 -0.56	40.74 3.12 -0.43
N SALMON___HYD 24042	37.35 -1.12 0.00	32.64 -1.00 1.92	29.83 -0.93 2.49	28.49 -0.88 2.09	27.79 -0.70 1.86	32.25 -0.69 0.00	35.40 -0.25 0.00	36.64 -0.22 0.00	39.39 -0.16 0.00	42.10 -0.51 0.00	45.19 -0.64 0.00	47.80 -1.32 0.00	54.56 -2.10 0.00	59.89 -2.43 0.01	59.89 -2.37 0.00	58.81 -2.39 0.00	57.44 -2.52 0.00	60.04 -3.00 6.87	59.99 -2.95 5.82	55.91 -2.33 0.00	51.26 -2.14 1.35	31.61 -1.88 16.07	21.72 -1.69 18.89	21.34 -1.53 14.32
N.AKRON__115KV_KNAPP 355671	38.74 0.27 0.00	35.59 0.04 0.00	32.99 -0.27 0.00	31.17 -0.28 0.00	29.96 -0.39 0.00	32.65 -0.30 0.00	35.37 -0.29 0.00	35.79 -1.07 0.00	38.36 -1.19 0.00	40.87 -1.75 0.00	43.77 -2.06 0.00	46.96 -2.16 0.00	54.44 -2.21 0.00	60.02 -2.31 0.00	60.85 -2.99 -1.58	59.87 -3.55 -2.22	57.89 -3.54 -1.47	67.57 -4.40 -2.06	66.87 -3.99 -2.10	56.38 -3.32 -1.46	51.88 -2.79 0.07	47.10 -2.43 0.04	40.48 -1.82 0.00	37.07 -0.11 0.00
N.BELMOR_69_KV_BK1 55787	42.51 4.04 0.00	40.53 3.98 -1.00	40.03 3.52 -3.25	39.33 3.18 -4.70	39.32 3.07 -5.91	39.73 3.36 -3.43	39.96 3.89 -0.42	40.99 4.13 0.00	43.86 4.31 0.00	47.22 4.60 0.00	51.65 5.82 0.00	62.30 6.48 -6.69	63.96 7.31 0.00	75.37 8.29 -4.75	82.56 8.34 -11.96	100.08 8.20 -30.68	122.27 7.97 -54.33	127.75 9.30 -48.54	101.04 8.87 -23.41	83.08 7.40 -17.45	70.26 6.35 -9.16	55.32 5.75 0.00	47.21 4.91 0.00	41.39 4.20 0.00
N.E_GEN_SANDY PD 24062	40.70 2.23 0.00	37.69 2.13 0.00	35.25 2.00 0.00	33.28 1.82 0.00	32.11 1.76 0.00	34.82 1.88 0.00	37.58 1.92 0.00	39.00 2.14 0.00	41.88 2.33 0.00	45.13 2.51 0.00	48.76 2.94 0.00	52.51 3.39 0.00	59.17 3.91 1.39	68.15 4.43 -1.39	80.80 4.61 -13.94	93.30 4.41 -27.69	108.20 4.44 -43.80	130.00 5.17 -54.92	124.62 5.02 -50.84	83.10 4.08 -20.79	70.38 3.67 -11.96	52.79 3.22 0.00	44.97 2.67 0.00	39.42 2.23 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.70 3.23 0.00	38.58 3.02 0.00	35.95 2.69 0.00	33.85 2.39 0.00	32.66 2.31 0.00	35.45 2.50 0.00	38.58 2.92 0.00	40.03 3.17 0.00	43.03 3.48 0.00	46.53 3.92 0.00	50.41 4.58 0.00	54.33 5.21 0.00	62.71 6.06 0.00	69.00 6.67 0.00	80.60 6.85 -11.50	96.67 6.85 -28.61	116.09 6.60 -49.54	122.26 7.55 -44.80	97.95 7.15 -22.04	75.37 5.88 -11.25	65.60 4.98 -5.87	54.03 4.46 0.00	46.11 3.81 0.00	40.53 3.35 0.00
N.QUEENS_27_KV_LOAD 356247	42.48 4.00 -0.01	39.30 3.73 -0.01	36.55 3.29 -0.01	34.38 2.93 0.00	33.14 2.79 0.00	35.88 2.93 0.00	39.04 3.39 0.00	40.62 3.76 0.00	43.74 4.19 0.00	47.17 4.56 0.00	51.24 5.41 0.00	56.83 5.99 -1.71	63.28 6.63 0.00	69.31 6.98 0.00	81.45 7.22 -11.97	99.23 7.34 -30.69	121.20 6.90 -54.35	126.22 7.76 -48.55	99.67 7.49 -23.41	76.24 6.23 -11.77	66.45 5.53 -6.17	54.28 4.71 0.00	46.75 4.44 0.00	41.25 4.05 -0.01
N.TROY___115KV_TB1 355778	40.43 1.96 0.00	37.44 1.88 0.00	35.02 1.76 0.00	33.06 1.60 0.00	31.90 1.55 0.00	34.59 1.65 0.00	37.33 1.68 0.00	38.67 1.81 0.00	41.52 1.98 0.00	44.74 2.13 0.00	48.26 2.43 0.00	51.73 2.60 0.00	59.71 3.06 0.00	65.82 3.49 0.00	81.89 3.49 -16.14	86.25 3.30 -21.75	90.70 3.36 -27.38	140.20 4.05 -66.24	187.71 4.13 -114.83	109.14 3.44 -47.46	85.15 3.23 -27.17	52.39 2.83 0.00	44.63 2.33 0.00	39.05 1.86 0.00
NARROWS_GT1_1 24228	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT1_2 24229	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT1_3 24230	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT1_4 24231	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT1_5 24232	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42

NARROWS_GT1_6 24233	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT1_7 24234	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT1_8 24235	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.58 7.25 -5.68	78.04 7.48 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_1 24236	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_2 24237	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_3 24238	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_4 24239	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_5 24240	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_6 24241	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_7 24242	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NARROWS_GT2_8 24243	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.43 4.81 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	74.92 7.25 -11.01	78.53 7.48 -8.72	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	75.09 5.37 -14.97	75.84 5.16 -21.12	47.00 4.70 0.00	44.95 4.35 -3.42
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.78 2.31 0.00	37.79 2.24 0.00	35.28 2.03 0.00	33.31 1.86 0.00	32.11 1.76 0.00	34.85 1.91 0.00	37.58 1.93 0.00	38.45 1.59 0.00	41.17 1.62 0.00	44.23 1.62 0.00	47.57 1.74 0.00	50.20 1.08 0.00	58.18 1.53 0.00	64.20 1.87 0.00	76.47 2.18 -12.03	83.29 1.65 -20.44	68.50 2.28 -6.27	44.89 3.36 28.38	29.07 3.78 43.48	72.85 2.97 -11.64	56.42 2.96 1.28	51.95 2.38 0.00	44.71 2.41 0.00	39.01 1.82 0.00
NCHELSEA_115KV_TR2 355582	41.89 3.42 0.00	38.79 3.24 0.00	36.15 2.89 0.00	34.07 2.61 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.72 3.07 0.00	40.07 3.21 0.00	43.03 3.48 0.00	46.45 3.84 0.00	50.32 4.49 0.00	54.18 5.06 0.00	62.71 6.06 0.00	69.06 6.73 0.00	81.11 6.91 -11.95	97.14 6.92 -29.02	115.67 6.72 -48.99	121.94 7.76 -44.27	98.00 7.49 -21.75	76.10 6.17 -11.69	65.91 5.20 -5.97	54.18 4.61 0.00	46.20 3.89 0.00	40.53 3.35 0.00
NEG CAPITAL___MECHNVIL 23645	41.28 2.81 0.00	38.19 2.63 0.00	35.61 2.36 0.00	33.60 2.14 0.00	32.42 2.06 0.00	35.19 2.24 0.00	38.00 2.35 0.00	39.30 2.43 0.00	42.31 2.77 0.00	45.64 3.03 0.00	49.13 3.30 0.00	52.71 3.58 0.00	60.85 4.19 0.00	66.82 4.49 0.00	82.53 4.36 -15.92	86.49 4.22 -21.07	85.67 4.26 -21.45	127.20 5.25 -52.04	177.09 5.43 -102.90	112.04 4.66 -49.15	85.49 4.38 -26.36	53.58 4.01 0.00	45.56 3.26 0.00	39.86 2.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.01 -0.46 0.00	34.95 -0.60 0.00	32.49 -0.76 0.00	30.73 -0.72 0.00	29.59 -0.76 0.00	32.19 -0.76 0.00	34.94 -0.71 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.38 -1.24 0.00	44.45 -1.37 0.00	47.65 -1.47 0.00	55.18 -1.47 0.00	60.77 -1.56 0.00	61.74 -1.81 -1.29	61.11 -1.90 -1.81	59.36 -1.80 -1.20	69.52 -2.45 -2.06	66.35 -2.41 0.00	56.14 -2.09 0.00	52.44 -1.59 0.72	47.90 -1.63 0.04	40.91 -1.39 0.00	36.44 -0.74 0.00

NEG CENTRAL___DRP 24199	39.42 0.54 -0.41	36.14 0.39 -0.19	33.32 0.20 0.14	31.59 0.25 0.12	30.43 0.18 0.10	33.18 0.23 0.00	36.04 0.39 0.00	37.08 0.22 0.00	39.87 0.24 -0.08	43.11 0.21 -0.29	45.87 0.05 0.00	49.22 0.10 0.00	56.94 0.28 0.00	62.89 0.56 0.00	63.90 0.25 -1.40	63.22 0.06 -1.96	61.38 0.12 -1.30	74.12 0.07 -4.14	71.08 0.34 -1.98	59.74 0.29 -1.21	56.35 0.49 -1.11	51.25 0.30 -1.39	43.42 0.25 -0.86	38.33 0.48 -0.66
NEG CENTRAL___INDECK 23768	39.08 0.61 0.00	35.87 0.32 0.00	33.29 0.03 0.00	31.46 0.00 0.00	30.29 -0.06 0.00	32.98 0.03 0.00	35.76 0.11 0.00	36.27 -0.59 0.00	38.60 -0.95 0.00	41.16 -1.45 0.00	44.13 -1.69 0.00	47.50 -1.62 0.00	54.95 -1.70 0.00	60.46 -1.87 0.00	61.80 -2.37 -1.91	61.50 -2.39 -2.69	59.58 -2.16 -1.78	70.08 -2.66 -2.82	69.55 -1.85 -2.64	58.80 -1.28 -1.84	54.21 -0.77 -0.23	48.80 -0.74 0.03	41.67 -0.63 0.00	37.19 0.00 0.00
NEG CENTRAL___SENECA 23627	39.49 0.81 -0.21	36.31 0.60 -0.15	33.62 0.37 0.00	31.90 0.44 0.00	30.71 0.36 0.00	33.34 0.40 0.00	36.26 0.61 0.00	37.23 0.37 0.00	39.99 0.40 -0.04	43.10 0.34 -0.15	45.97 0.14 0.00	49.37 0.25 0.00	57.16 0.51 0.00	63.14 0.81 0.00	64.17 0.37 -1.54	63.55 0.18 -2.16	61.57 0.18 -1.43	73.46 0.14 -3.41	72.30 0.48 -3.06	60.69 0.41 -2.05	56.18 0.55 -0.89	50.62 0.35 -0.70	43.05 0.30 -0.45	38.16 0.63 -0.34
NEG CENTRAL___STATE_STREET 24147	39.49 0.46 -0.55	36.19 0.36 -0.28	33.31 0.20 0.15	31.55 0.22 0.12	30.42 0.18 0.11	33.15 0.20 0.00	35.97 0.32 0.00	37.12 0.26 0.00	39.98 0.32 -0.11	43.34 0.34 -0.39	46.01 0.18 0.00	49.42 0.29 0.00	57.11 0.45 0.00	63.02 0.69 0.00	64.13 0.50 -1.38	63.57 0.43 -1.94	61.60 0.36 -1.28	75.27 0.56 -4.80	72.17 0.76 -2.66	60.51 0.64 -1.63	57.26 0.77 -1.75	51.99 0.55 -1.87	43.93 0.47 -1.16	38.63 0.56 -0.88
NEG MILLWOOD___DRP 24198	42.12 3.65 0.00	38.93 3.38 0.00	36.25 2.99 0.00	34.13 2.67 0.00	32.90 2.55 0.00	35.71 2.77 0.00	38.90 3.24 0.00	40.44 3.58 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.05 5.22 0.00	57.08 6.24 -1.71	63.85 7.19 0.00	70.31 7.98 0.00	82.56 8.22 -12.09	99.67 8.20 -30.27	120.38 7.91 -52.51	126.19 9.16 -47.12	100.47 8.80 -22.91	77.34 7.22 -11.88	66.92 6.02 -6.15	54.77 5.20 0.00	46.62 4.31 0.00	40.90 3.72 0.00
NEG NORTH_FLCN_SEA 23793	37.93 -0.54 0.00	35.13 -0.43 0.00	32.82 -0.43 0.00	31.08 -0.38 0.00	30.14 -0.21 0.00	33.17 0.23 0.00	36.51 0.86 0.00	37.75 0.88 0.00	40.62 1.07 0.00	43.29 0.68 0.00	46.47 0.64 0.00	49.81 0.69 0.00	57.16 0.51 0.00	62.20 -0.12 0.01	61.88 -0.37 0.00	61.38 0.18 0.00	59.90 -0.06 0.00	61.56 -1.05 7.31	61.54 -1.03 6.19	57.42 -0.82 0.00	52.43 -0.88 1.44	31.19 -1.29 17.09	21.24 -0.97 20.09	20.95 -1.00 15.23
NEG NORTH_KES_CHATEGAY 23792	37.39 -1.08 0.00	34.06 -0.92 0.57	31.65 -0.86 0.74	30.05 -0.79 0.62	29.16 -0.64 0.56	32.32 -0.63 0.00	35.51 -0.14 0.00	36.75 -0.11 0.00	39.43 -0.12 0.00	42.19 -0.43 0.00	45.28 -0.55 0.00	48.49 -0.64 0.00	55.69 -0.96 0.00	60.70 -1.62 0.01	60.57 -1.68 0.00	59.92 -1.29 0.00	58.52 -1.44 0.00	60.33 -2.38 7.20	60.26 -2.41 6.10	56.26 -1.98 0.00	51.41 -1.92 1.42	30.79 -1.93 16.85	20.86 -1.65 19.80	20.61 -1.56 15.01
NEG NORTH___ALICE_FALLS 23915	37.89 -0.58 0.00	34.97 -0.43 0.16	32.62 -0.43 0.21	30.88 -0.41 0.17	29.98 -0.21 0.15	33.08 0.13 0.00	36.40 0.75 0.00	37.67 0.81 0.00	40.50 0.95 0.00	43.17 0.55 0.00	46.33 0.50 0.00	49.66 0.54 0.00	56.94 0.28 0.00	61.89 -0.44 0.01	61.63 -0.62 0.00	61.20 0.00 0.00	59.78 -0.18 0.00	61.36 -1.26 7.29	61.42 -1.17 6.17	57.31 -0.93 0.00	52.38 -0.93 1.43	31.23 -1.29 17.05	21.20 -1.06 20.04	20.91 -1.08 15.20
NEG NORTH___LWR_SARANAC 23913	37.89 -0.58 0.00	34.97 -0.43 0.16	32.62 -0.43 0.21	30.88 -0.41 0.17	29.98 -0.21 0.15	33.08 0.13 0.00	36.40 0.75 0.00	37.67 0.81 0.00	40.50 0.95 0.00	43.17 0.55 0.00	46.33 0.50 0.00	49.66 0.54 0.00	56.94 0.28 0.00	61.89 -0.44 0.01	61.63 -0.62 0.00	61.20 0.00 0.00	59.78 -0.18 0.00	61.36 -1.26 7.29	61.42 -1.17 6.17	57.31 -0.93 0.00	52.38 -0.93 1.43	31.23 -1.29 17.05	21.20 -1.06 20.04	20.91 -1.08 15.20
NEG NORTH___PLATTSBURG 23628	37.89 -0.58 0.00	34.97 -0.43 0.16	32.61 -0.43 0.21	30.88 -0.41 0.17	29.99 -0.21 0.15	33.08 0.13 0.00	36.40 0.75 0.00	37.67 0.81 0.00	40.49 0.95 0.00	43.17 0.55 0.00	46.33 0.51 0.00	48.44 -0.69 0.00	54.90 -1.76 0.00	60.32 -2.00 0.01	60.26 -1.99 0.00	59.12 -2.08 0.00	57.68 -2.28 0.00	59.89 -2.73 7.29	59.83 -2.75 6.17	56.32 -1.92 0.00	51.51 -1.81 1.43	31.23 -1.29 17.05	21.20 -1.06 20.04	20.95 -1.04 15.20
NEG WEST_LEA_LOCKPORT 23791	37.85 -0.62 0.00	34.84 -0.71 0.00	32.32 -0.93 0.00	30.58 -0.88 0.00	29.38 -0.97 0.00	31.99 -0.96 0.00	34.62 -1.03 0.00	34.91 -1.95 0.00	37.41 -2.14 0.00	39.80 -2.81 0.00	42.53 -3.30 0.00	45.69 -3.44 0.00	52.91 -3.74 0.00	58.28 -4.05 0.00	59.16 -4.73 -1.64	58.17 -5.32 -2.30	56.20 -5.28 -1.52	65.47 -6.50 -2.06	64.82 -6.12 -2.18	54.69 -5.07 -1.52	50.22 -4.49 0.04	45.67 -3.87 0.04	39.38 -2.92 0.00	36.33 -0.86 0.00
NEG WEST___LANCASTR 23811	38.59 0.12 0.00	35.55 0.00 0.00	32.99 -0.27 0.00	31.17 -0.28 0.00	29.96 -0.39 0.00	32.65 -0.30 0.00	35.44 -0.21 0.00	35.87 -1.00 0.00	38.40 -1.15 0.00	41.08 -1.53 0.00	43.99 -1.83 0.00	47.26 -1.87 0.00	54.90 -1.76 0.00	60.65 -1.68 0.00	60.31 -3.86 -1.92	59.49 -4.41 -2.69	57.30 -4.44 -1.78	67.04 -5.31 -2.44	67.79 -3.58 -2.60	57.14 -2.91 -1.81	50.82 -4.11 -0.18	47.06 -2.48 0.03	40.53 -1.78 0.00	36.89 -0.30 0.00
NEG_PENN_ALLEGHNY 23528	39.81 1.08 -0.26	36.67 0.92 -0.19	34.05 0.80 0.00	32.21 0.75 0.00	31.05 0.70 0.00	33.74 0.79 0.00	36.58 0.93 0.00	37.71 0.85 0.00	40.51 0.91 -0.05	43.77 0.98 -0.18	46.83 1.01 0.00	50.30 1.18 0.00	58.12 1.47 0.00	64.07 1.74 0.00	67.33 1.37 -3.71	68.32 1.29 -5.83	66.46 1.20 -5.30	79.07 1.26 -7.90	76.98 1.45 -6.77	64.13 1.28 -4.61	58.32 1.09 -2.48	51.49 1.04 -0.88	43.78 0.93 -0.55	38.57 0.97 -0.42
NEG___GEN_MONROE 24207	38.85 0.38 0.00	35.77 0.21 0.00	33.15 -0.10 0.00	31.30 -0.16 0.00	30.14 -0.21 0.00	32.81 -0.13 0.00	35.58 -0.07 0.00	36.27 -0.59 0.00	38.80 -0.75 0.00	41.68 -0.94 0.00	44.73 -1.10 0.00	47.99 -1.13 0.00	55.63 -1.02 0.00	61.27 -1.06 0.00	62.23 -1.37 -1.35	61.38 -1.71 -1.89	59.47 -1.74 -1.25	69.77 -2.24 -2.09	66.70 -2.06 0.00	56.61 -1.63 0.00	52.86 -1.09 0.79	48.49 -1.04 0.04	41.54 -0.76 0.00	37.48 0.30 0.00
NEPA___ENERGY 23901	39.20 0.73 0.00	36.02 0.46 0.00	33.42 0.17 0.00	31.55 0.09 0.00	30.32 -0.03 0.00	33.01 0.07 0.00	35.83 0.18 0.00	36.38 -0.48 0.00	39.03 -0.51 0.00	41.80 -0.81 0.00	44.73 -1.10 0.00	48.04 -1.08 0.00	55.80 -0.85 0.00	61.58 -0.75 0.00	62.31 -1.87 -1.92	61.39 -2.51 -2.70	59.23 -2.52 -1.79	69.00 -3.36 -2.44	68.83 -2.54 -2.61	58.08 -1.98 -1.82	52.58 -2.35 -0.18	47.95 -1.59 0.03	41.20 -1.10 0.00	37.33 0.15 0.00

NEVERSINK___HYD 23608	41.36 2.89 0.00	38.26 2.70 0.00	35.65 2.40 0.00	33.63 2.17 0.00	32.42 2.06 0.00	35.15 2.21 0.00	38.18 2.53 0.00	39.48 2.62 0.00	42.31 2.77 0.00	45.72 3.11 0.00	49.40 3.58 0.00	53.20 4.08 0.00	61.58 4.93 0.00	67.69 5.36 0.00	78.40 5.54 -10.60	90.02 5.69 -23.13	100.20 5.63 -34.61	107.32 6.57 -30.83	89.75 6.26 -14.73	73.79 5.30 -10.26	63.93 4.43 -4.75	53.54 3.97 0.00	45.56 3.26 0.00	40.05 2.86 0.00
NEWKRMKL_115KV_TB1 55635	39.82 1.35 0.00	36.83 1.28 0.00	34.45 1.20 0.00	32.53 1.07 0.00	31.38 1.03 0.00	34.03 1.09 0.00	36.76 1.11 0.00	38.04 1.18 0.00	40.93 1.38 0.00	44.15 1.53 0.00	47.62 1.79 0.00	50.89 1.77 0.00	58.69 2.04 0.00	64.64 2.31 0.00	78.63 2.30 -14.07	84.06 2.20 -20.66	70.56 2.22 -8.38	74.92 2.73 -2.29	88.23 2.75 -16.72	87.91 2.21 -27.46	66.92 1.97 -10.21	51.35 1.78 0.00	43.91 1.61 0.00	38.45 1.26 0.00
NEWTON___FALLS_HYD 23847	37.40 -1.31 -0.24	30.48 -1.24 3.83	26.78 -1.26 5.21	25.93 -1.16 4.36	25.39 -1.06 3.89	31.79 -1.15 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.53 -1.07 -0.05	41.55 -1.24 -0.17	44.36 -1.47 0.00	47.21 -1.92 0.00	54.39 -2.27 0.00	59.65 -2.68 0.00	59.80 -2.74 -0.28	59.02 -2.57 -0.39	57.88 -2.34 -0.26	64.87 -2.73 2.32	63.99 -2.61 2.16	57.02 -1.92 -0.71	53.10 -1.70 -0.05	39.90 -1.34 8.33	30.74 -1.31 10.25	28.19 -1.23 7.77
NGRID_A1_DSASP 323792	37.09 -1.38 0.00	34.13 -1.42 0.00	31.76 -1.50 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.40 -1.55 0.00	33.94 -1.71 0.00	34.14 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	42.02 -3.80 0.00	44.80 -4.32 0.00	51.89 -4.76 0.00	56.97 -5.36 0.00	58.00 -5.92 -1.66	57.23 -6.30 -2.33	55.33 -6.17 -1.54	64.06 -7.83 -1.98	63.44 -7.56 -2.25	53.57 -6.23 -1.57	49.09 -5.64 0.01	44.68 -4.86 0.04	38.62 -3.68 0.00	35.33 -1.86 0.00
NGRID_A2_DSASP 323793	37.09 -1.38 0.00	34.13 -1.42 0.00	31.76 -1.50 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.40 -1.55 0.00	33.94 -1.71 0.00	34.14 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	42.02 -3.80 0.00	44.80 -4.32 0.00	51.89 -4.76 0.00	56.97 -5.36 0.00	58.00 -5.92 -1.66	57.23 -6.30 -2.33	55.33 -6.17 -1.54	64.06 -7.83 -1.98	63.44 -7.56 -2.25	53.57 -6.23 -1.57	49.09 -5.64 0.01	44.68 -4.86 0.04	38.62 -3.68 0.00	35.33 -1.86 0.00
NGRID_A4_DSASP 323807	37.09 -1.38 0.00	34.13 -1.42 0.00	31.76 -1.50 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.40 -1.55 0.00	33.94 -1.71 0.00	34.14 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	42.02 -3.80 0.00	44.80 -4.32 0.00	51.89 -4.76 0.00	56.97 -5.36 0.00	58.00 -5.92 -1.66	57.23 -6.30 -2.33	55.33 -6.17 -1.54	64.06 -7.83 -1.98	63.44 -7.56 -2.25	53.57 -6.23 -1.57	49.09 -5.64 0.01	44.68 -4.86 0.04	38.62 -3.68 0.00	35.33 -1.86 0.00
NIAGARA_115E_LBMP 323715	37.43 -1.04 0.00	34.49 -1.07 0.00	31.96 -1.30 0.00	30.26 -1.20 0.00	29.08 -1.27 0.00	31.59 -1.35 0.00	34.22 -1.43 0.00	34.43 -2.43 0.00	36.90 -2.65 0.00	39.37 -3.24 0.00	42.39 -3.44 0.00	45.29 -3.83 0.00	52.46 -4.19 0.00	57.59 -4.74 0.00	58.57 -5.35 -1.67	57.79 -5.76 -2.34	55.93 -5.57 -1.55	64.76 -7.20 -2.05	64.21 -6.81 -2.26	54.16 -5.65 -1.57	49.65 -5.09 0.01	45.17 -4.36 0.04	38.96 -3.34 0.00	35.63 -1.56 0.00
NIAGARA_115W_LBMP 323714	36.97 -1.50 0.00	34.03 -1.53 0.00	31.66 -1.60 0.00	29.92 -1.54 0.00	28.71 -1.64 0.00	31.30 -1.65 0.00	33.87 -1.78 0.00	34.03 -2.84 0.00	36.46 -3.08 0.00	38.95 -3.67 0.00	41.89 -3.94 0.00	44.70 -4.42 0.00	51.78 -4.87 0.00	56.84 -5.49 0.00	57.88 -6.04 -1.66	57.04 -6.49 -2.33	55.21 -6.29 -1.54	63.84 -8.04 -1.97	63.30 -7.70 -2.24	53.39 -6.41 -1.56	48.98 -5.75 0.02	44.58 -4.96 0.04	38.54 -3.77 0.00	35.21 -1.97 0.00
NIAGARA_230_LBMP 323716	37.51 -0.96 0.00	34.56 -1.00 0.00	32.09 -1.16 0.00	30.36 -1.10 0.00	29.17 -1.18 0.00	31.73 -1.22 0.00	34.37 -1.28 0.00	34.58 -2.29 0.00	37.06 -2.49 0.00	39.59 -3.02 0.00	42.58 -3.25 0.00	45.49 -3.63 0.00	52.69 -3.97 0.00	57.84 -4.49 0.00	58.85 -5.04 -1.64	58.17 -5.32 -2.30	56.26 -5.22 -1.52	65.09 -6.71 -1.89	64.57 -6.39 -2.21	54.53 -5.24 -1.54	50.00 -4.71 0.04	45.42 -4.11 0.04	39.22 -3.09 0.00	35.77 -1.41 0.00
NIAGARA___115KV_198_GIBSON 55903	36.97 -1.50 0.00	34.03 -1.53 0.00	31.59 -1.66 0.00	29.92 -1.54 0.00	28.71 -1.64 0.00	31.26 -1.68 0.00	33.83 -1.82 0.00	34.02 -2.84 0.00	36.46 -3.08 0.00	38.95 -3.66 0.00	41.57 -4.26 0.00	44.56 -4.57 0.00	51.67 -4.99 0.00	56.84 -5.48 0.00	57.88 -6.04 -1.66	56.80 -6.73 -2.33	54.85 -6.66 -1.54	63.75 -8.11 -1.95	63.20 -7.77 -2.21	53.32 -6.46 -1.54	49.08 -5.64 0.03	44.58 -4.96 0.04	38.54 -3.76 0.00	35.40 -1.78 0.00
NIAGARA____ 23760	37.51 -0.96 0.00	34.56 -1.00 0.00	32.09 -1.16 0.00	30.36 -1.10 0.00	29.17 -1.18 0.00	31.73 -1.22 0.00	34.37 -1.28 0.00	34.58 -2.29 0.00	37.06 -2.49 0.00	39.59 -3.02 0.00	42.58 -3.25 0.00	45.49 -3.63 0.00	52.69 -3.97 0.00	57.84 -4.49 0.00	58.86 -5.04 -1.65	58.19 -5.32 -2.32	56.27 -5.22 -1.53	65.14 -6.71 -1.94	64.60 -6.39 -2.23	54.55 -5.24 -1.55	50.01 -4.71 0.02	45.42 -4.11 0.04	39.22 -3.09 0.00	35.77 -1.41 0.00
NINE_MILE_1 23575	33.46 -1.08 3.93	31.70 -1.03 2.82	32.26 -1.00 0.00	30.54 -0.91 0.00	29.44 -0.91 0.00	31.92 -0.99 0.03	34.62 -1.04 0.00	35.76 -1.10 0.00	37.52 -1.23 0.80	38.61 -1.28 2.73	44.32 -1.51 0.00	47.50 -1.62 0.00	54.84 -1.82 0.00	60.40 -1.93 0.00	60.94 -1.99 -0.68	60.14 -2.02 -0.95	58.67 -1.92 -0.63	49.80 -2.17 17.94	47.77 -2.13 18.86	44.86 -1.81 11.57	34.21 -1.48 19.06	34.56 -1.39 13.62	32.90 -1.18 8.22	29.92 -1.00 6.26
NINE_MILE_2 23744	33.40 -1.08 3.99	31.66 -1.03 2.86	32.26 -1.00 0.00	30.54 -0.91 0.00	29.44 -0.91 0.00	31.92 -0.99 0.04	34.62 -1.04 0.00	35.76 -1.10 0.00	37.51 -1.23 0.82	38.57 -1.28 2.77	44.32 -1.51 0.00	47.50 -1.62 0.00	54.84 -1.82 0.00	60.40 -1.93 0.00	60.94 -1.99 -0.68	60.14 -2.02 -0.95	58.67 -1.92 -0.63	49.51 -2.17 18.23	47.49 -2.13 19.14	44.69 -1.81 11.75	33.93 -1.48 19.34	34.36 -1.39 13.83	32.78 -1.18 8.34	29.83 -1.00 6.35
NM_CAPITAL___DRP 24208	39.85 1.38 0.00	36.87 1.32 0.00	34.52 1.26 0.00	32.59 1.13 0.00	31.44 1.09 0.00	34.10 1.15 0.00	36.79 1.14 0.00	38.12 1.25 0.00	40.97 1.42 0.00	44.19 1.58 0.00	47.66 1.83 0.00	50.94 1.82 0.00	58.75 2.10 0.00	64.76 2.43 0.00	79.51 2.43 -14.83	84.14 2.33 -20.62	77.09 2.34 -14.80	99.84 2.87 -27.06	122.44 2.82 -50.86	92.45 2.27 -31.94	72.18 2.08 -15.36	51.40 1.83 0.00	43.95 1.65 0.00	38.45 1.26 0.00
NM_CENTRAL___DRP 24181	38.71 -0.12 -0.36	35.47 -0.18 -0.09	32.84 -0.20 0.22	31.12 -0.16 0.18	30.01 -0.18 0.16	32.75 -0.20 0.00	35.47 -0.18 0.00	36.64 -0.22 0.00	39.42 -0.20 -0.07	42.69 -0.17 -0.25	45.51 -0.32 0.00	48.83 -0.29 0.00	56.43 -0.23 0.00	62.20 -0.12 0.00	62.95 -0.25 -0.95	62.16 -0.37 -1.33	60.48 -0.36 -0.88	72.67 -0.42 -3.17	70.12 -0.34 -1.70	58.99 -0.29 -1.05	55.56 -0.05 -0.86	50.56 -0.20 -1.19	42.88 -0.17 -0.74	37.75 0.00 -0.57

NM_FRONTIER___DRP 24179	36.97 -1.50 0.00	34.03 -1.53 0.00	31.59 -1.66 0.00	29.92 -1.54 0.00	28.71 -1.64 0.00	31.26 -1.68 0.00	33.83 -1.82 0.00	34.02 -2.84 0.00	36.46 -3.08 0.00	38.95 -3.66 0.00	41.57 -4.26 0.00	44.56 -4.57 0.00	51.67 -4.99 0.00	56.84 -5.48 0.00	57.88 -6.04 -1.66	56.80 -6.73 -2.33	54.85 -6.66 -1.54	63.75 -8.11 -1.95	63.20 -7.77 -2.21	53.32 -6.46 -1.54	49.08 -5.64 0.03	44.58 -4.96 0.04	38.54 -3.76 0.00	35.40 -1.78 0.00
NM_ST_REGIS___HYD 24053	36.50 -2.08 -0.11	28.63 -1.92 5.00	24.82 -1.83 6.61	24.19 -1.73 5.54	23.83 -1.58 4.94	31.30 -1.65 0.00	34.15 -1.50 0.00	35.43 -1.44 0.00	38.03 -1.54 -0.02	40.77 -1.92 -0.08	43.72 -2.11 0.00	46.67 -2.46 0.00	53.65 -3.00 0.00	58.52 -3.80 0.01	58.46 -3.80 0.00	57.83 -3.37 0.00	56.72 -3.24 0.00	60.08 -4.26 5.57	59.92 -4.19 4.64	55.18 -3.38 -0.32	50.80 -3.12 0.83	32.90 -2.78 13.89	23.36 -2.41 16.53	22.50 -1.78 12.53
NORTHPORT___1 23551	41.51 3.04 0.00	40.07 3.52 -1.00	39.70 3.19 -3.25	39.08 2.93 -4.70	39.08 2.82 -5.91	39.37 3.00 -3.43	39.57 3.50 -0.42	40.48 3.61 0.00	41.53 3.36 1.38	41.64 3.53 4.51	36.05 4.81 14.59	39.21 5.60 15.51	48.47 6.46 14.63	58.80 7.10 10.63	76.96 7.22 -7.49	86.35 7.10 -18.05	107.18 6.95 -40.27	128.14 8.11 -50.13	103.18 7.70 -26.72	85.28 6.81 -20.24	73.19 5.80 -12.65	55.89 4.76 -1.56	35.79 4.02 10.53	35.74 3.23 4.68
NORTHPORT___2 23552	41.51 3.04 0.00	40.07 3.52 -1.00	39.70 3.19 -3.25	39.08 2.93 -4.70	39.08 2.82 -5.91	39.37 3.00 -3.43	39.57 3.50 -0.42	40.48 3.61 0.00	41.53 3.36 1.38	41.64 3.53 4.51	36.05 4.81 14.59	36.01 5.60 18.72	36.01 6.46 27.09	35.95 7.10 33.48	35.96 7.22 33.52	35.96 7.10 32.34	36.02 6.95 30.89	41.52 8.11 36.49	36.16 7.70 40.30	36.31 6.81 28.74	36.50 5.80 24.04	36.04 4.76 18.29	35.74 4.02 10.58	35.74 3.23 4.68
NORTHPORT___3 23553	41.42 2.96 0.01	39.75 3.20 -1.00	39.40 2.89 -3.25	38.80 2.64 -4.70	38.81 2.55 -5.91	39.17 2.80 -3.43	39.32 3.24 -0.42	40.11 3.24 0.00	41.44 3.28 1.39	41.59 3.49 4.52	35.95 4.72 14.60	35.95 5.55 18.72	35.95 6.40 27.10	35.95 7.10 33.48	35.95 7.22 33.52	35.95 7.10 32.35	35.95 6.89 30.90	41.38 7.97 36.50	35.95 7.50 40.31	35.78 6.29 28.75	35.95 5.26 24.05	35.78 4.51 18.30	35.95 3.85 10.20	35.73 3.23 4.69
NORTHPORT___4 23650	41.42 2.96 0.01	39.75 3.20 -1.00	39.40 2.89 -3.25	38.80 2.64 -4.70	38.81 2.55 -5.91	39.17 2.80 -3.43	39.32 3.24 -0.42	40.11 3.24 0.00	41.44 3.28 1.39	41.59 3.49 4.52	35.95 4.72 14.60	35.95 5.55 18.72	35.95 6.40 27.10	35.95 7.10 33.48	35.95 7.22 33.52	35.95 7.10 32.35	35.95 6.89 30.90	41.38 7.97 36.50	35.95 7.50 40.31	35.78 6.29 28.75	35.95 5.26 24.05	35.78 4.51 18.30	35.95 3.85 10.20	35.73 3.23 4.69
NORTHPORT___IC 23718	41.59 3.12 0.00	40.07 3.52 -1.00	39.70 3.19 -3.25	39.05 2.89 -4.70	39.05 2.79 -5.91	39.37 3.00 -3.43	39.61 3.53 -0.42	40.51 3.65 0.00	41.53 3.36 1.38	41.64 3.54 4.51	36.14 4.90 14.59	35.91 5.50 18.72	35.79 6.23 27.09	36.02 7.17 33.48	35.96 7.22 33.52	35.96 7.10 32.34	35.96 6.90 30.89	41.47 8.04 36.48	36.39 7.91 40.28	36.32 6.81 28.73	36.51 5.80 24.04	36.04 4.76 18.29	35.70 3.98 10.58	35.70 3.20 4.68
NORTH___COUNTRY_ESR 323785	37.28 -1.19 0.00	33.94 -1.03 0.58	31.53 -0.97 0.76	29.94 -0.88 0.63	29.09 -0.70 0.57	32.22 -0.72 0.00	35.40 -0.25 0.00	36.64 -0.22 0.00	39.35 -0.20 0.00	42.10 -0.51 0.00	45.23 -0.60 0.00	47.75 -1.38 0.00	54.50 -2.15 0.00	59.89 -2.43 0.01	59.83 -2.43 0.00	58.69 -2.51 0.00	57.32 -2.64 0.00	59.50 -3.21 7.20	59.37 -3.30 6.09	55.62 -2.62 0.00	50.87 -2.46 1.42	30.65 -2.08 16.84	20.74 -1.78 19.79	20.54 -1.64 15.01
NPX_GEN_1385_PROXY 323591	41.05 2.58 0.00	39.54 2.99 -1.00	39.17 2.66 -3.25	38.51 2.36 -4.70	38.56 2.31 -5.91	38.68 2.31 -3.43	38.78 2.71 -0.42	39.96 3.10 0.00	41.29 3.12 1.38	41.52 3.41 4.51	36.78 5.54 14.59	39.66 6.63 16.09	46.00 7.65 18.30	57.40 8.48 13.40	70.80 8.53 -0.01	78.45 8.39 -8.86	95.47 8.22 -27.30	116.60 10.07 -36.62	113.30 9.70 -34.84	77.53 7.98 -11.31	67.82 7.11 -5.96	51.92 4.41 2.06	35.95 4.19 10.54	35.63 3.12 4.68
NPX_GEN_CSC 323557	42.28 3.81 0.00	40.53 3.98 -1.00	40.03 3.52 -3.25	39.33 3.18 -4.70	39.32 3.06 -5.91	39.74 3.36 -3.43	39.96 3.89 -0.42	40.95 4.09 0.00	43.62 4.07 0.00	46.87 4.26 0.00	51.75 5.91 -0.01	130.74 6.78 -74.83	136.14 7.82 -71.67	146.45 8.66 -75.46	229.95 8.72 -158.98	257.51 8.57 -187.75	296.13 8.28 -227.89	274.78 9.65 -195.21	287.74 9.22 -209.77	147.43 8.04 -81.15	122.12 6.84 -60.53	130.52 5.80 -75.15	52.92 4.86 -5.76	41.05 3.87 0.00
NSINS_S_GLNS_FALLS 23858	41.47 3.00 0.00	38.36 2.81 0.00	35.75 2.49 0.00	33.66 2.20 0.00	32.48 2.12 0.00	35.28 2.34 0.00	38.22 2.57 0.00	39.48 2.62 0.00	42.59 3.05 0.00	45.98 3.37 0.00	49.17 3.35 0.00	52.66 3.54 0.00	60.73 4.08 0.00	66.51 4.18 0.00	81.93 3.86 -15.82	86.21 3.79 -21.22	83.57 3.78 -19.83	120.41 4.89 -45.61	170.79 5.57 -96.46	112.98 4.95 -49.79	85.41 4.82 -25.84	54.03 4.46 0.00	45.86 3.55 0.00	40.01 2.83 0.00
NUCOR_STEEL___DRP 24197	39.60 0.54 -0.59	36.29 0.43 -0.31	33.37 0.27 0.15	31.61 0.28 0.13	30.48 0.24 0.11	33.21 0.26 -0.01	36.01 0.36 0.00	37.12 0.26 0.00	39.95 0.28 -0.12	43.33 0.30 -0.41	45.92 0.09 0.00	49.32 0.20 0.00	56.99 0.34 0.00	62.83 0.50 0.00	63.89 0.31 -1.32	63.30 0.24 -1.86	61.43 0.24 -1.23	75.17 0.35 -4.91	72.16 0.55 -2.85	60.45 0.47 -1.75	57.43 0.66 -2.03	52.08 0.50 -2.01	43.97 0.42 -1.24	38.69 0.56 -0.94
NUMBER_THREE_WT_PWR 323818	38.99 0.23 -0.29	34.16 0.14 1.54	30.99 0.00 2.26	29.62 0.06 1.90	28.72 0.06 1.69	33.01 0.07 0.00	35.97 0.32 0.00	37.27 0.41 0.00	39.96 0.36 -0.06	43.24 0.43 -0.20	46.10 0.28 0.00	48.93 -0.20 0.00	56.48 -0.17 0.00	62.14 -0.19 0.00	62.39 -0.25 -0.38	61.38 -0.37 -0.54	60.20 -0.12 -0.36	70.52 0.14 -0.47	69.19 0.35 -0.09	59.66 0.58 -0.84	56.08 0.66 -0.68	47.85 0.84 2.57	39.21 0.47 3.56	34.75 0.26 2.69
NYISO_LBMP_REFERENCE 24008	38.47 0.00 0.00	35.55 0.00 0.00	33.25 0.00 0.00	31.46 0.00 0.00	30.35 0.00 0.00	32.94 0.00 0.00	35.65 0.00 0.00	36.86 0.00 0.00	39.55 0.00 0.00	42.61 0.00 0.00	45.83 0.00 0.00	49.12 0.00 0.00	56.65 0.00 0.00	62.33 0.00 0.00	62.26 0.00 0.00	61.20 0.00 0.00	59.96 0.00 0.00	69.91 0.00 0.00	68.76 0.00 0.00	58.24 0.00 0.00	54.75 0.00 0.00	49.57 0.00 0.00	42.30 0.00 0.00	37.19 0.00 0.00
NYPA_BRENTWD____GT 24164	42.51 4.04 0.00	40.82 4.26 -1.00	40.33 3.82 -3.25	39.65 3.49 -4.70	39.63 3.37 -5.91	40.00 3.62 -3.43	40.25 4.17 -0.42	41.21 4.35 0.00	43.86 4.31 0.00	47.17 4.56 0.00	51.74 5.91 0.00	76.61 6.43 -21.05	79.47 7.42 -15.40	89.86 8.23 -19.30	113.49 8.28 -42.95	133.18 8.20 -63.78	158.85 7.98 -90.91	158.66 9.30 -79.45	140.31 8.87 -62.67	96.36 7.69 -30.44	80.75 6.57 -19.44	70.96 5.55 -15.84	66.48 5.07 -19.10	41.35 4.16 0.00

NYPA_GOWANUS____GT5 24156	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.38 4.77 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.52 7.20 -5.68	77.97 7.41 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.91 4.31 -3.42
NYPA_GOWANUS____GT6 24157	42.55 4.08 -0.01	39.37 3.81 -0.01	36.59 3.32 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.25 3.60 0.00	40.92 4.05 0.00	44.01 4.47 0.00	47.38 4.77 0.00	51.57 5.68 -0.06	79.02 6.43 -23.46	69.52 7.20 -5.68	77.97 7.41 -8.23	81.87 7.59 -12.02	99.41 7.53 -30.69	121.44 7.13 -54.35	126.49 8.04 -48.54	99.79 7.63 -23.40	76.17 6.17 -11.76	74.95 5.37 -14.84	74.95 5.16 -20.23	47.00 4.70 0.00	44.91 4.31 -3.42
NYPA_HARLEM__RVR__GT1 24160	42.40 3.93 -0.01	39.23 3.66 -0.01	36.49 3.22 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.90 3.24 0.00	40.54 3.69 0.01	43.58 4.04 0.01	47.00 4.39 0.01	50.95 5.13 0.01	56.67 5.84 -1.70	62.99 6.57 0.23	69.06 6.73 0.01	81.19 6.97 -11.96	99.04 7.16 -30.69	120.96 6.65 -54.35	125.94 7.48 -48.54	99.37 7.22 -23.40	75.94 5.94 -11.76	65.62 4.71 -6.17	54.13 4.56 0.00	46.62 4.32 0.00	41.21 4.02 -0.01
NYPA_HARLEM__RVR__GT2 24161	42.40 3.93 -0.01	39.23 3.66 -0.01	36.49 3.22 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.90 3.24 0.00	40.54 3.69 0.01	43.58 4.04 0.01	47.00 4.39 0.01	50.95 5.13 0.01	56.67 5.84 -1.70	62.99 6.57 0.23	69.06 6.73 0.01	81.19 6.97 -11.96	99.04 7.16 -30.69	120.96 6.65 -54.35	125.94 7.48 -48.54	99.37 7.22 -23.40	75.94 5.94 -11.76	65.62 4.71 -6.17	54.13 4.56 0.00	46.62 4.32 0.00	41.21 4.02 -0.01
NYPA_KENT____GT 24152	42.44 3.96 0.00	39.26 3.70 0.00	36.48 3.22 0.00	34.32 2.86 0.00	33.12 2.76 0.00	35.95 3.00 0.00	39.18 3.53 0.00	40.85 3.98 0.00	43.94 4.39 0.00	47.30 4.69 0.00	51.40 5.54 -0.03	69.53 6.24 -14.16	57.82 7.02 5.85	69.59 7.23 -0.03	81.66 7.40 -12.00	99.29 7.40 -30.69	121.32 7.01 -54.35	126.35 7.90 -48.54	99.65 7.50 -23.40	76.05 6.06 -11.76	68.57 5.20 -8.62	56.36 4.96 -1.84	46.87 4.57 0.00	43.38 4.24 -1.96
NYPA_POUCH1____GT 24155	42.40 3.93 -0.01	39.26 3.70 -0.01	36.49 3.22 -0.01	34.33 2.86 -0.01	33.12 2.76 -0.01	35.98 3.03 -0.01	39.15 3.50 0.00	40.77 3.91 0.00	43.90 4.35 0.00	47.26 4.65 0.00	51.38 5.50 -0.06	78.83 6.24 -23.46	69.10 7.02 -5.42	78.03 7.23 -8.48	81.69 7.40 -12.02	99.29 7.40 -30.69	121.26 6.95 -54.35	126.28 7.83 -48.54	99.65 7.50 -23.40	76.05 6.06 -11.76	74.91 5.26 -14.90	75.25 5.00 -20.67	46.87 4.57 0.00	44.80 4.20 -3.42
NYPA_VERNON____GT2 24162	42.32 3.85 0.00	39.15 3.59 0.00	36.38 3.12 0.00	34.26 2.80 0.00	33.02 2.67 0.00	35.84 2.90 0.00	39.11 3.46 0.00	40.77 3.91 0.00	43.82 4.27 0.00	47.26 4.65 0.00	51.24 5.41 -0.01	60.13 6.14 -4.87	60.78 6.91 2.78	69.44 7.10 -0.01	81.51 7.28 -11.98	99.23 7.34 -30.69	121.26 6.95 -54.35	126.28 7.83 -48.54	99.58 7.43 -23.40	76.05 6.06 -11.76	64.73 5.03 -4.95	54.44 4.86 -0.01	46.79 4.48 0.00	41.85 4.16 -0.50
NYPA_VERNON____GT3 24163	42.32 3.85 0.00	39.15 3.59 0.00	36.38 3.12 0.00	34.26 2.80 0.00	33.02 2.67 0.00	35.84 2.90 0.00	39.11 3.46 0.00	40.77 3.91 0.00	43.82 4.27 0.00	47.26 4.65 0.00	51.24 5.41 -0.01	60.13 6.14 -4.87	60.78 6.91 2.78	69.44 7.10 -0.01	81.51 7.28 -11.98	99.23 7.34 -30.69	121.26 6.95 -54.35	126.28 7.83 -48.54	99.58 7.43 -23.40	76.05 6.06 -11.76	64.73 5.03 -4.95	54.44 4.86 -0.01	46.79 4.48 0.00	41.85 4.16 -0.50
NYPA____ASTORIA_CC1 323568	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.04 3.39 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.14 5.31 0.00	56.83 5.99 -1.71	61.80 6.74 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.11 7.22 -30.69	121.08 6.77 -54.35	126.07 7.62 -48.54	99.37 7.22 -23.40	75.88 5.88 -11.76	62.91 4.87 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.32 4.13 -0.01
NYPA____ASTORIA_CC2 323569	42.28 3.81 0.00	39.11 3.56 0.00	36.35 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.04 3.39 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.17 4.56 0.00	51.14 5.31 0.00	56.83 5.99 -1.71	61.80 6.74 1.59	69.25 6.92 0.00	81.38 7.16 -11.97	99.11 7.22 -30.69	121.08 6.77 -54.35	126.07 7.62 -48.54	99.37 7.22 -23.40	75.88 5.88 -11.76	62.91 4.87 -3.30	54.28 4.71 0.00	46.70 4.40 0.00	41.32 4.13 -0.01
NYPA____HOLTSVILL 23794	42.24 3.77 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.39 3.24 -4.70	39.38 3.13 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	40.95 4.09 0.00	43.58 4.04 0.00	46.79 4.18 0.00	51.52 5.68 -0.01	129.22 6.48 -73.61	135.82 7.42 -71.75	143.38 8.23 -72.82	226.88 8.28 -156.34	254.27 8.14 -184.92	292.65 7.91 -224.77	271.65 9.16 -192.58	283.91 8.73 -206.42	157.22 7.57 -91.42	135.40 6.51 -74.14	128.92 5.55 -73.80	52.76 4.74 -5.72	41.02 3.83 0.00
NYPA____HELLGATE_GT1 24158	42.40 3.93 -0.01	39.23 3.66 -0.01	36.49 3.22 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.90 3.24 0.00	40.54 3.69 0.01	43.58 4.04 0.01	47.00 4.39 0.01	50.95 5.13 0.01	56.67 5.84 -1.70	62.99 6.57 0.23	69.06 6.73 0.01	81.19 6.97 -11.96	99.04 7.16 -30.69	120.96 6.65 -54.35	125.94 7.48 -48.54	99.37 7.22 -23.40	75.94 5.94 -11.76	65.62 4.71 -6.17	54.13 4.56 0.00	46.62 4.32 0.00	41.21 4.02 -0.01
NYPA____HELLGATE_GT2 24159	42.40 3.93 -0.01	39.23 3.66 -0.01	36.49 3.22 -0.01	34.29 2.83 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.90 3.24 0.00	40.54 3.69 0.01	43.58 4.04 0.01	47.00 4.39 0.01	50.95 5.13 0.01	56.67 5.84 -1.70	62.99 6.57 0.23	69.06 6.73 0.01	81.19 6.97 -11.96	99.04 7.16 -30.69	120.96 6.65 -54.35	125.94 7.48 -48.54	99.37 7.22 -23.40	75.94 5.94 -11.76	65.62 4.71 -6.17	54.13 4.56 0.00	46.62 4.32 0.00	41.21 4.02 -0.01
NYS_BARGE____HYD 23848	37.97 -0.50 0.00	34.95 -0.60 0.00	32.39 -0.86 0.00	30.67 -0.79 0.00	29.44 -0.91 0.00	32.06 -0.89 0.00	34.72 -0.93 0.00	35.02 -1.84 0.00	37.53 -2.02 0.00	39.97 -2.64 0.00	43.03 -2.80 0.00	45.98 -3.14 0.00	53.26 -3.40 0.00	58.53 -3.80 0.00	59.39 -4.48 -1.62	58.64 -4.84 -2.28	56.79 -4.68 -1.51	65.83 -6.15 -2.07	65.24 -5.71 -2.19	54.99 -4.77 -1.52	50.38 -4.33 0.04	45.87 -3.67 0.04	39.55 -2.75 0.00	36.15 -1.04 0.00
OAK ORCHARD____HYD 24046	38.51 0.04 0.00	35.41 -0.14 0.00	32.92 -0.33 0.00	31.14 -0.31 0.00	29.96 -0.40 0.00	32.58 -0.36 0.00	35.33 -0.32 0.00	36.09 -0.78 0.00	38.72 -0.83 0.00	41.59 -1.02 0.00	44.78 -1.05 0.00	47.94 -1.18 0.00	55.57 -1.08 0.00	61.08 -1.25 0.00	62.16 -1.43 -1.33	61.48 -1.59 -1.87	59.70 -1.50 -1.24	69.86 -2.17 -2.11	66.63 -2.13 0.00	56.43 -1.81 0.00	52.69 -1.26 0.80	48.24 -1.29 0.04	41.25 -1.06 0.00	36.93 -0.26 0.00

OAKDALE___35_KV_LOAD 356122	39.65 0.92 -0.26	36.52 0.78 -0.18	33.95 0.70 0.00	32.12 0.66 0.00	30.96 0.61 0.00	33.64 0.69 0.00	36.44 0.78 0.00	37.56 0.70 0.00	40.35 0.75 -0.05	43.60 0.81 -0.17	46.61 0.78 0.00	50.01 0.88 0.00	57.79 1.13 0.00	63.70 1.37 0.00	67.01 1.06 -3.69	67.93 0.92 -5.81	66.08 0.84 -5.29	78.72 0.91 -7.90	76.80 1.10 -6.94	63.96 0.99 -4.73	58.14 0.88 -2.51	51.27 0.84 -0.86	43.60 0.76 -0.53	38.45 0.86 -0.41
OCC_CHEM___DRP 24175	37.08 -1.38 0.00	34.13 -1.42 0.00	31.69 -1.56 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.33 -1.61 0.00	33.94 -1.71 0.00	34.13 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	41.70 -4.12 0.00	44.70 -4.42 0.00	51.84 -4.82 0.00	56.97 -5.36 0.00	58.00 -5.91 -1.66	56.99 -6.55 -2.33	54.97 -6.54 -1.54	63.90 -7.97 -1.96	63.35 -7.63 -2.22	53.49 -6.29 -1.54	49.19 -5.53 0.02	44.68 -4.86 0.04	38.67 -3.64 0.00	35.51 -1.67 0.00
OH_GEN_PROXY 24063	37.55 -0.92 0.00	34.56 -1.00 0.00	32.09 -1.16 0.00	30.36 -1.10 0.00	29.17 -1.18 0.00	31.76 -1.18 0.00	34.40 -1.25 0.00	34.65 -2.21 0.00	37.13 -2.41 0.00	39.71 -2.90 0.00	42.71 -3.12 0.00	45.64 -3.49 0.00	51.47 -3.80 1.39	59.42 -4.30 -1.39	59.04 -4.86 -1.64	58.36 -5.14 -2.30	56.44 -5.04 -1.52	65.29 -6.50 -1.88	64.85 -6.12 -2.21	54.71 -5.07 -1.54	50.17 -4.54 0.04	45.57 -3.97 0.04	39.30 -3.00 0.00	35.81 -1.38 0.00
OLIN_CORP_DRP 24177	37.47 -1.00 0.00	34.52 -1.03 0.00	32.02 -1.23 0.00	30.32 -1.13 0.00	29.11 -1.24 0.00	31.69 -1.25 0.00	34.26 -1.39 0.00	34.50 -2.36 0.00	36.98 -2.57 0.00	39.46 -3.15 0.00	42.16 -3.67 0.00	45.24 -3.88 0.00	52.46 -4.19 0.00	57.72 -4.61 0.00	58.71 -5.23 -1.68	57.69 -5.88 -2.36	55.70 -5.82 -1.56	64.83 -7.13 -2.05	64.27 -6.74 -2.25	54.21 -5.59 -1.56	49.81 -4.93 0.01	45.22 -4.31 0.04	39.05 -3.26 0.00	35.88 -1.30 0.00
OLIN_CORP_DSASP 323712	37.09 -1.38 0.00	34.13 -1.42 0.00	31.76 -1.50 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.40 -1.55 0.00	33.94 -1.71 0.00	34.14 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	42.02 -3.80 0.00	44.80 -4.32 0.00	51.89 -4.76 0.00	56.97 -5.36 0.00	58.00 -5.92 -1.66	57.23 -6.30 -2.33	55.33 -6.17 -1.54	64.06 -7.83 -1.98	63.44 -7.56 -2.25	53.57 -6.23 -1.57	49.09 -5.64 0.01	44.68 -4.86 0.04	38.62 -3.68 0.00	35.33 -1.86 0.00
ONEIDA_HERK_LFGE 323681	39.51 0.89 -0.15	35.65 0.78 0.69	32.82 0.60 1.04	31.19 0.60 0.87	30.15 0.58 0.77	33.57 0.62 0.00	36.51 0.85 0.00	37.86 1.00 0.00	40.61 1.03 -0.03	43.96 1.24 -0.11	47.07 1.24 0.00	50.01 0.89 0.00	57.73 1.07 0.00	63.51 1.18 0.00	63.72 1.12 -0.34	62.72 1.04 -0.48	61.47 1.20 -0.31	72.33 1.61 -0.81	70.68 1.58 -0.34	60.20 1.51 -0.45	56.71 1.53 -0.43	50.60 1.59 0.55	42.51 1.14 0.94	37.37 0.89 0.71
ONEIDA___115KV_TB4 55905	40.09 1.42 -0.20	36.64 1.28 0.19	33.88 1.06 0.43	32.13 1.04 0.36	31.00 0.97 0.32	34.00 1.05 0.00	36.97 1.32 0.00	38.26 1.40 0.00	41.09 1.50 -0.04	44.54 1.79 -0.14	47.62 1.79 0.00	50.65 1.52 0.00	58.52 1.87 0.00	64.45 2.12 0.00	64.90 1.99 -0.65	63.95 1.84 -0.92	62.54 1.98 -0.61	74.31 2.45 -1.96	72.25 2.54 -0.94	61.09 2.27 -0.58	57.49 2.24 -0.50	52.41 2.18 -0.66	44.41 1.69 -0.41	38.91 1.41 -0.31
ONONDAGA_REF_OCCRA 23987	38.72 -0.19 -0.44	35.47 -0.25 -0.17	32.80 -0.27 0.19	31.05 -0.25 0.16	29.93 -0.27 0.14	32.65 -0.30 0.00	35.37 -0.29 0.00	36.57 -0.29 0.00	39.36 -0.28 -0.09	42.66 -0.26 -0.31	45.42 -0.41 0.00	48.78 -0.34 0.00	56.37 -0.28 0.00	62.14 -0.19 0.00	62.96 -0.31 -1.01	62.26 -0.37 -1.42	60.54 -0.36 -0.94	73.17 -0.42 -3.68	70.52 -0.34 -2.11	59.24 -0.29 -1.29	55.85 -0.11 -1.22	50.85 -0.20 -1.48	43.05 -0.17 -0.92	37.85 -0.04 -0.70
ONONDAGA___COGEN 23986	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.51 -0.14 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.78 -0.34 0.00	56.31 -0.34 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.36 -0.37 -1.53	60.55 -0.42 -1.01	74.28 -0.42 -4.79	71.51 -0.34 -3.09	59.84 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.57 -0.08 -1.35	38.40 0.19 -1.03
ONTARIO___LFGE 23819	39.49 0.81 -0.21	36.31 0.60 -0.15	33.62 0.37 0.00	31.90 0.44 0.00	30.72 0.37 0.00	33.34 0.40 0.00	36.29 0.64 0.00	37.23 0.37 0.00	39.99 0.40 -0.04	43.10 0.34 -0.15	46.10 0.28 0.00	49.42 0.30 0.00	57.28 0.62 0.00	63.20 0.87 0.00	64.24 0.44 -1.54	63.74 0.37 -2.16	61.81 0.42 -1.43	73.63 0.28 -3.44	72.43 0.55 -3.12	60.79 0.46 -2.09	56.25 0.60 -0.90	50.62 0.35 -0.70	43.01 0.26 -0.45	38.05 0.52 -0.34
ORANGEVILLE_WT_PWR 323706	38.82 0.35 0.00	35.73 0.18 0.00	33.15 -0.10 0.00	31.36 -0.09 0.00	30.14 -0.21 0.00	32.81 -0.13 0.00	35.58 -0.07 0.00	36.05 -0.81 0.00	38.68 -0.87 0.00	41.38 -1.24 0.00	44.54 -1.28 0.00	47.65 -1.47 0.00	55.24 -1.41 0.00	60.77 -1.56 0.00	61.81 -2.49 -2.04	61.32 -2.75 -2.87	59.16 -2.70 -1.90	68.86 -3.78 -2.73	68.43 -3.16 -2.83	57.65 -2.56 -1.97	52.42 -2.63 -0.30	47.46 -2.08 0.03	40.82 -1.48 0.00	36.85 -0.34 0.00
ORANGEVILLE___ESR 323794	38.82 0.35 0.00	35.73 0.18 0.00	33.15 -0.10 0.00	31.36 -0.09 0.00	30.14 -0.21 0.00	32.81 -0.13 0.00	35.58 -0.07 0.00	36.05 -0.81 0.00	38.68 -0.87 0.00	41.38 -1.24 0.00	44.54 -1.28 0.00	47.65 -1.47 0.00	55.24 -1.41 0.00	60.77 -1.56 0.00	61.81 -2.49 -2.04	61.32 -2.75 -2.87	59.16 -2.70 -1.90	68.86 -3.78 -2.73	68.43 -3.16 -2.83	57.65 -2.56 -1.97	52.42 -2.63 -0.30	47.46 -2.08 0.03	40.82 -1.48 0.00	36.85 -0.34 0.00
OSWEGATCHIE___HYD 24044	37.40 -1.31 -0.24	30.48 -1.25 3.83	26.78 -1.26 5.21	25.93 -1.16 4.36	25.39 -1.06 3.89	31.79 -1.15 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.53 -1.07 -0.05	41.54 -1.24 -0.17	44.36 -1.47 0.00	47.11 -2.02 0.00	54.22 -2.43 0.00	59.65 -2.68 0.00	59.92 -2.61 -0.28	58.90 -2.69 -0.39	57.76 -2.46 -0.26	64.94 -2.66 2.31	64.13 -2.47 2.16	57.08 -1.87 -0.71	53.16 -1.64 -0.05	39.90 -1.34 8.33	30.70 -1.36 10.25	28.19 -1.23 7.77
OSWEGO___5 23606	40.64 -0.77 -2.94	36.92 -0.75 -2.11	32.52 -0.73 0.00	30.76 -0.69 0.00	29.68 -0.67 0.00	32.21 -0.76 -0.03	34.90 -0.75 0.00	36.02 -0.85 0.00	39.24 -0.91 -0.60	43.68 -0.98 -2.04	44.54 -1.28 0.00	47.80 -1.32 0.00	55.18 -1.47 0.00	60.77 -1.56 0.00	61.36 -1.68 -0.79	60.65 -1.65 -1.10	59.07 -1.62 -0.73	83.67 -1.68 -15.44	81.21 -1.65 -14.10	65.56 -1.34 -8.66	66.02 -1.04 -12.31	58.67 -0.99 -10.09	47.60 -0.85 -6.15	41.16 -0.71 -4.68
OSWEGO___6 23613	40.64 -0.77 -2.94	36.92 -0.75 -2.11	32.52 -0.73 0.00	30.76 -0.69 0.00	29.68 -0.67 0.00	32.21 -0.76 -0.03	34.90 -0.75 0.00	36.02 -0.85 0.00	39.24 -0.91 -0.60	43.68 -0.98 -2.04	44.54 -1.28 0.00	47.80 -1.32 0.00	55.18 -1.47 0.00	60.77 -1.56 0.00	61.36 -1.68 -0.79	60.65 -1.65 -1.10	59.07 -1.62 -0.73	83.67 -1.68 -15.44	81.21 -1.65 -14.10	65.56 -1.34 -8.66	66.02 -1.04 -12.31	58.67 -0.99 -10.09	47.60 -0.85 -6.15	41.16 -0.71 -4.68

OUTOKUMPU-AB___DRP 24206	38.35 -0.12 0.00	35.27 -0.28 0.00	32.72 -0.53 0.00	30.92 -0.53 0.00	29.71 -0.64 0.00	32.35 -0.59 0.00	35.05 -0.61 0.00	35.39 -1.47 0.00	37.93 -1.62 0.00	40.48 -2.13 0.00	43.17 -2.66 0.00	46.23 -2.90 0.00	53.65 -3.00 0.00	59.09 -3.24 0.00	59.91 -4.05 -1.70	58.93 -4.65 -2.38	56.86 -4.68 -1.58	66.12 -5.87 -2.08	65.60 -5.43 -2.27	55.33 -4.48 -1.58	50.65 -4.11 -0.01	46.06 -3.47 0.04	39.93 -2.37 0.00	36.63 -0.56 0.00
OXBOW___BTM 323836	37.82 -0.65 0.00	34.81 -0.75 0.00	32.29 -0.97 0.00	30.51 -0.94 0.00	29.32 -1.03 0.00	31.96 -0.99 0.00	34.58 -1.07 0.00	34.84 -2.03 0.00	37.33 -2.21 0.00	39.84 -2.77 0.00	42.94 -2.89 0.00	45.44 -3.69 0.00	52.69 -3.97 0.00	57.91 -4.42 0.00	58.83 -5.10 -1.68	58.05 -5.51 -2.36	56.18 -5.34 -1.56	64.96 -6.99 -2.04	64.43 -6.60 -2.27	54.35 -5.48 -1.58	49.71 -5.04 0.00	45.27 -4.26 0.04	39.38 -2.92 0.00	35.96 -1.23 0.00
OXBOW___ 24026	37.82 -0.65 0.00	34.77 -0.78 0.00	32.26 -1.00 0.00	30.51 -0.94 0.00	29.32 -1.03 0.00	31.92 -1.02 0.00	34.55 -1.11 0.00	34.84 -2.03 0.00	37.33 -2.21 0.00	39.84 -2.77 0.00	42.53 -3.30 0.00	45.34 -3.78 0.00	52.57 -4.08 0.00	57.90 -4.43 0.00	58.83 -5.10 -1.68	57.81 -5.75 -2.36	55.82 -5.70 -1.56	64.87 -7.06 -2.02	64.33 -6.67 -2.24	54.27 -5.53 -1.56	49.81 -4.93 0.01	45.27 -4.26 0.04	39.38 -2.92 0.00	36.14 -1.04 0.00
OXY_CHEM_DSASP 323612	37.08 -1.38 0.00	34.13 -1.42 0.00	31.69 -1.56 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.33 -1.61 0.00	33.94 -1.71 0.00	34.13 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	41.70 -4.12 0.00	44.70 -4.42 0.00	51.84 -4.82 0.00	56.97 -5.36 0.00	58.00 -5.91 -1.66	56.99 -6.55 -2.33	54.97 -6.54 -1.54	63.90 -7.97 -1.96	63.35 -7.63 -2.22	53.49 -6.29 -1.54	49.19 -5.53 0.02	44.68 -4.86 0.04	38.67 -3.64 0.00	35.51 -1.67 0.00
OZONE_PARK_ESR 323760	42.59 4.12 0.00	39.39 3.84 0.00	36.61 3.36 0.00	34.45 2.99 0.00	33.20 2.85 0.00	36.04 3.10 0.00	39.40 3.74 0.00	41.07 4.20 0.00	44.13 4.59 0.00	47.68 5.07 0.00	51.74 5.91 0.00	57.52 6.68 -1.71	64.19 7.53 0.00	70.43 8.10 0.00	82.57 8.34 -11.97	100.27 8.38 -30.69	122.34 8.03 -54.35	127.56 9.09 -48.56	100.91 8.73 -23.42	77.18 7.16 -11.78	67.06 6.13 -6.18	55.12 5.55 0.00	47.17 4.86 0.00	41.57 4.39 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.08 -1.38 0.00	34.13 -1.42 0.00	31.69 -1.56 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.33 -1.61 0.00	33.94 -1.71 0.00	34.13 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	41.70 -4.12 0.00	44.70 -4.42 0.00	51.84 -4.82 0.00	56.97 -5.36 0.00	58.00 -5.91 -1.66	56.99 -6.55 -2.33	54.97 -6.54 -1.54	63.90 -7.97 -1.96	63.35 -7.63 -2.22	53.49 -6.29 -1.54	49.19 -5.53 0.02	44.68 -4.86 0.04	38.67 -3.64 0.00	35.51 -1.67 0.00
PACKARD___115KV_DUPONT_184 80571	37.08 -1.38 0.00	34.13 -1.42 0.00	31.69 -1.56 0.00	29.98 -1.48 0.00	28.80 -1.55 0.00	31.33 -1.61 0.00	33.94 -1.71 0.00	34.13 -2.73 0.00	36.58 -2.97 0.00	39.03 -3.58 0.00	41.70 -4.12 0.00	44.70 -4.42 0.00	51.84 -4.82 0.00	56.97 -5.36 0.00	58.00 -5.91 -1.66	56.99 -6.55 -2.33	54.97 -6.54 -1.54	63.90 -7.97 -1.96	63.35 -7.63 -2.22	53.49 -6.29 -1.54	49.19 -5.53 0.02	44.68 -4.86 0.04	38.67 -3.64 0.00	35.51 -1.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.40 3.92 -0.01	39.26 3.70 -0.01	36.49 3.23 -0.01	34.32 2.86 0.00	33.08 2.73 0.00	35.78 2.83 0.00	38.97 3.32 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.00 4.39 0.00	51.05 5.22 0.00	56.58 5.75 -1.71	62.82 6.40 0.23	69.06 6.73 0.00	81.20 6.97 -11.97	98.93 7.04 -30.69	120.90 6.60 -54.35	125.87 7.41 -48.55	99.39 7.22 -23.41	75.95 5.94 -11.77	66.12 5.20 -6.17	54.13 4.56 0.00	46.66 4.36 0.00	41.21 4.02 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.98 4.50 -0.01	39.79 4.23 -0.01	36.95 3.69 -0.01	34.76 3.30 0.00	33.51 3.16 0.00	36.24 3.29 0.00	39.47 3.81 0.00	41.03 4.17 0.00	44.13 4.59 0.00	47.56 4.94 0.00	51.60 5.77 0.00	57.27 6.44 -1.71	63.50 7.08 0.23	69.81 7.48 0.00	81.94 7.72 -11.97	99.72 7.83 -30.69	121.68 7.37 -54.35	126.85 8.39 -48.55	100.36 8.18 -23.41	76.77 6.76 -11.77	66.94 6.02 -6.17	54.82 5.25 0.00	47.30 4.99 0.00	41.77 4.57 -0.01
PATROON___115KV_TB1 80586	39.97 1.50 0.00	36.98 1.42 0.00	34.58 1.33 0.00	32.65 1.20 0.00	31.50 1.15 0.00	34.16 1.22 0.00	36.90 1.25 0.00	38.19 1.33 0.00	41.09 1.54 0.00	44.32 1.70 0.00	47.80 1.97 0.00	51.09 1.96 0.00	58.92 2.27 0.00	64.89 2.56 0.00	79.57 2.55 -14.76	84.37 2.45 -20.72	76.12 2.46 -13.70	95.62 3.01 -22.70	119.36 3.03 -47.58	93.82 2.45 -33.13	72.29 2.19 -15.35	51.55 1.98 0.00	44.08 1.78 0.00	38.56 1.38 0.00
PATTRSNVILLE___SOLAR 323815	40.70 2.23 0.00	37.65 2.10 0.00	35.18 1.93 0.00	33.22 1.76 0.00	32.05 1.70 0.00	34.79 1.84 0.00	37.65 2.00 0.00	38.85 1.99 0.00	41.72 2.17 0.00	44.91 2.30 0.00	48.30 2.47 0.00	51.82 2.70 0.00	59.82 3.17 0.00	65.76 3.43 0.00	81.53 3.36 -15.91	86.34 3.30 -21.84	80.64 3.30 -17.39	109.29 4.12 -35.26	156.84 4.26 -83.82	111.52 3.73 -49.55	82.62 3.51 -24.37	52.74 3.18 0.00	44.93 2.62 0.00	39.38 2.19 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.78 0.31 0.00	35.70 0.14 0.00	33.09 -0.17 0.00	31.27 -0.19 0.00	30.05 -0.30 0.00	32.75 -0.20 0.00	35.54 -0.11 0.00	35.98 -0.88 0.00	38.56 -0.99 0.00	41.21 -1.41 0.00	44.18 -1.65 0.00	47.50 -1.62 0.00	55.12 -1.53 0.00	60.90 -1.43 0.00	60.94 -3.18 -1.85	60.07 -3.73 -2.60	57.90 -3.78 -1.72	67.56 -4.68 -2.34	67.97 -3.30 -2.51	57.25 -2.74 -1.75	51.37 -3.50 -0.13	47.26 -2.28 0.03	40.70 -1.61 0.00	37.07 -0.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.12 3.65 0.00	38.93 3.38 0.00	36.25 2.99 0.00	34.13 2.67 0.00	32.90 2.55 0.00	35.71 2.77 0.00	38.90 3.24 0.00	40.44 3.58 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.05 5.22 0.00	57.08 6.24 -1.71	63.85 7.19 0.00	70.31 7.98 0.00	82.56 8.22 -12.09	99.67 8.20 -30.27	120.38 7.91 -52.51	126.19 9.16 -47.12	100.47 8.80 -22.91	77.34 7.22 -11.88	66.92 6.02 -6.15	54.77 5.20 0.00	46.62 4.31 0.00	40.90 3.72 0.00
PEEKSKILL___ 23653	41.66 3.19 0.00	38.58 3.02 0.00	35.91 2.66 0.00	33.85 2.39 0.00	32.63 2.28 0.00	35.42 2.47 0.00	38.58 2.92 0.00	40.11 3.24 0.00	43.11 3.56 0.00	46.58 3.96 0.00	50.45 4.63 0.00	56.24 5.40 -1.71	62.89 6.23 0.00	69.06 6.73 0.00	81.00 6.91 -11.83	98.27 6.91 -30.16	119.80 6.65 -53.18	125.14 7.62 -47.61	99.01 7.22 -23.04	75.80 5.94 -11.62	65.87 5.03 -6.09	54.08 4.51 0.00	46.15 3.85 0.00	40.60 3.42 0.00
PGE MADISON___WINDPWR 24146	42.55 3.81 -0.27	39.16 3.41 -0.19	36.11 2.86 0.00	34.29 2.83 0.00	33.02 2.67 0.00	35.91 2.97 0.00	39.25 3.60 0.00	42.50 5.64 0.00	45.44 5.85 -0.04	49.56 6.82 -0.13	52.75 6.92 0.00	54.92 5.79 0.00	63.45 6.80 0.00	69.68 7.35 0.00	73.36 6.79 -4.32	74.58 6.55 -6.83	73.06 6.83 -6.27	82.19 5.60 -6.68	82.63 5.78 -8.09	69.01 5.24 -5.53	62.58 4.87 -2.96	55.23 4.76 -0.90	46.59 3.72 -0.56	40.74 3.12 -0.43

PIERCEFIELD___HYD 23852	36.28 -2.31 -0.12	27.57 -2.17 5.81	23.52 -2.06 7.68	23.08 -1.95 6.43	22.82 -1.79 5.74	31.00 -1.94 0.00	33.76 -1.89 0.00	35.02 -1.84 0.00	37.60 -1.98 -0.03	40.36 -2.34 -0.09	43.26 -2.57 0.00	46.13 -3.00 0.00	53.03 -3.63 0.00	57.90 -4.43 0.01	57.90 -4.36 0.00	57.28 -3.92 0.00	56.18 -3.78 0.00	59.85 -4.75 5.31	59.74 -4.61 4.41	54.87 -3.73 -0.36	50.55 -3.45 0.75	33.17 -3.02 13.38	23.73 -2.62 15.95	22.79 -2.31 12.09
PINELAWN_CC_1 323563	42.05 3.58 0.00	40.25 3.70 -1.00	39.80 3.29 -3.25	39.11 2.96 -4.70	39.11 2.85 -5.91	39.51 3.13 -3.43	39.71 3.64 -0.42	40.66 3.80 0.00	43.38 3.84 0.00	46.62 4.00 0.00	51.01 5.18 0.00	66.33 5.94 -11.26	68.40 6.85 -4.90	79.27 7.60 -9.34	91.73 7.66 -21.82	109.99 7.59 -41.20	133.36 7.43 -65.96	136.94 8.67 -58.36	112.83 8.18 -35.89	86.80 6.99 -21.58	73.15 5.97 -12.44	59.71 5.11 -5.04	49.43 4.32 -2.81	40.94 3.75 0.00
PJM_GEN_HTTP_PROXY 323702	42.05 3.58 0.00	38.90 3.34 0.00	36.18 2.93 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.68 2.73 0.00	38.93 3.28 0.00	40.55 3.69 0.00	43.62 4.07 0.00	47.09 4.47 0.00	51.00 5.18 0.00	56.88 6.04 -1.71	62.17 6.91 1.39	71.07 7.35 -1.39	81.75 7.53 -11.97	99.47 7.59 -30.69	121.56 7.25 -54.35	126.63 8.18 -48.55	99.93 7.77 -23.40	76.30 6.29 -11.77	66.29 5.37 -6.17	54.43 4.86 0.00	46.53 4.23 0.00	41.05 3.87 0.00
PJM_GEN_KEystone 24065	39.97 1.50 0.00	36.91 1.35 0.00	34.35 1.10 0.00	32.40 0.94 0.00	31.20 0.85 0.00	33.90 0.96 0.00	36.86 1.21 0.00	37.93 1.07 0.00	40.70 1.15 0.00	43.77 1.24 0.08	46.98 1.47 0.31	50.33 1.77 0.56	56.77 2.21 2.09	65.51 2.37 -0.81	70.95 1.99 -6.70	79.43 1.83 -16.39	88.39 1.80 -26.63	96.00 1.75 -24.34	83.48 1.86 -12.86	66.21 1.57 -6.40	57.75 0.99 -2.02	50.70 1.14 0.01	43.40 1.10 0.00	38.60 1.41 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.93 3.46 0.00	39.58 3.49 -0.54	38.13 3.12 -1.75	36.78 2.80 -2.52	36.23 2.70 -3.17	37.72 2.93 -1.84	39.30 3.42 -0.23	40.51 3.65 0.00	43.31 3.76 0.00	46.66 4.05 0.00	51.00 5.18 0.00	59.50 5.99 -4.39	62.11 6.85 1.39	75.97 7.60 -6.04	81.88 7.66 -11.96	99.40 7.53 -30.68	121.66 7.37 -54.33	126.90 8.46 -48.53	100.13 7.97 -23.39	82.37 6.69 -17.43	68.22 5.69 -7.78	54.53 4.96 0.00	46.57 4.27 0.00	40.87 3.68 0.00
PJM_GEN_VFT_PROXY 323633	41.89 3.42 0.00	38.79 3.24 0.00	36.08 2.82 0.00	33.94 2.48 0.00	32.75 2.40 0.00	35.52 2.57 0.00	38.79 3.14 0.00	40.44 3.57 0.00	43.46 3.92 0.00	45.78 4.26 1.10	46.30 4.95 4.48	46.85 5.74 8.02	51.97 6.51 11.20	62.24 6.86 6.95	73.80 7.09 -4.45	89.31 7.16 -20.95	97.13 6.83 -30.34	101.66 7.69 -24.06	89.61 7.29 -13.57	66.12 5.94 -1.93	46.85 4.98 12.88	54.13 4.56 0.00	46.41 4.10 0.00	41.02 3.83 0.00
PLATSBURG_115KV_PMLD1 355749	37.89 -0.58 0.00	35.09 -0.46 0.00	32.79 -0.47 0.00	31.05 -0.41 0.00	30.11 -0.24 0.00	33.14 0.20 0.00	36.47 0.82 0.00	37.71 0.85 0.00	40.58 1.03 0.00	43.25 0.64 0.00	46.42 0.60 0.00	49.76 0.64 0.00	57.11 0.45 0.00	62.13 -0.19 0.01	61.82 -0.44 0.00	61.32 0.12 0.00	59.90 -0.06 0.00	61.48 -1.12 7.31	61.47 -1.10 6.19	57.36 -0.87 0.00	52.38 -0.93 1.44	31.14 -1.34 17.10	21.20 -1.02 20.09	20.91 -1.04 15.23
PLEASANTVLY___LBMP 24000	41.24 2.77 0.00	38.19 2.63 0.00	35.61 2.36 0.00	33.60 2.14 0.00	32.41 2.06 0.00	35.15 2.21 0.00	38.18 2.53 0.00	39.63 2.76 0.00	42.59 3.05 0.00	45.94 3.32 0.00	49.77 3.94 0.00	53.59 4.47 0.00	61.81 5.16 0.00	68.06 5.73 0.00	80.65 5.85 -12.54	100.98 5.81 -33.97	128.14 5.64 -62.55	131.04 6.43 -54.69	100.40 6.19 -25.45	75.79 5.07 -12.48	65.69 4.32 -6.62	53.44 3.87 0.00	45.60 3.30 0.00	40.05 2.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.78 3.31 0.00	38.65 3.09 0.00	36.01 2.76 0.00	33.91 2.45 0.00	32.72 2.37 0.00	35.51 2.57 0.00	38.68 3.03 0.00	40.22 3.35 0.00	43.23 3.68 0.00	46.70 4.09 0.00	50.64 4.81 -1.71	56.39 5.55 0.00	62.94 6.29 0.00	69.31 6.98 0.00	81.54 7.22 -12.07	99.30 7.16 -30.94	121.65 6.90 -54.80	126.71 7.83 -48.97	99.88 7.49 -23.63	76.23 6.12 -11.87	66.23 5.26 -6.23	54.23 4.66 0.00	46.24 3.93 0.00	40.64 3.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.78 3.31 0.00	38.65 3.09 0.00	36.01 2.76 0.00	33.91 2.45 0.00	32.72 2.37 0.00	35.51 2.57 0.00	38.68 3.03 0.00	40.22 3.35 0.00	43.23 3.68 0.00	46.70 4.09 0.00	50.64 4.81 0.00	56.39 5.55 -1.71	62.94 6.29 0.00	69.31 6.98 0.00	81.54 7.22 -12.07	99.30 7.16 -30.94	121.65 6.90 -54.80	126.71 7.83 -48.97	99.88 7.49 -23.63	76.23 6.12 -11.87	66.23 5.26 -6.23	54.23 4.66 0.00	46.24 3.93 0.00	40.64 3.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.66 3.19 0.00	38.58 3.02 0.00	35.95 2.69 0.00	33.88 2.42 0.00	32.69 2.34 0.00	35.48 2.54 0.00	38.50 2.85 0.00	39.85 2.99 0.00	42.79 3.24 0.00	46.19 3.58 0.00	50.04 4.22 0.00	53.84 4.72 0.00	62.26 5.61 0.00	68.56 6.23 0.00	80.91 6.41 -12.24	97.36 6.36 -29.80	116.82 6.18 -50.69	123.48 7.20 -46.37	99.49 6.94 -23.78	76.33 5.77 -12.33	66.01 4.87 -6.39	53.88 4.31 0.00	45.94 3.64 0.00	40.31 3.12 0.00
POLETTI_____ 23519	42.05 3.58 0.00	38.90 3.34 0.00	36.18 2.93 0.00	34.04 2.58 0.00	32.84 2.49 0.00	35.65 2.70 0.00	38.92 3.28 0.01	40.53 3.69 0.02	43.57 4.03 0.02	47.07 4.47 0.02	51.04 5.22 0.02	56.72 5.89 -1.70	63.32 6.69 0.02	69.48 7.17 0.02	81.55 7.35 -11.95	99.28 7.41 -30.68	121.31 7.02 -54.34	126.43 7.97 -48.54	99.73 7.56 -23.41	76.18 6.17 -11.76	66.17 5.26 -6.16	54.32 4.76 0.01	46.53 4.23 0.01	41.02 3.83 0.00
POMONA___ESR 323819	41.70 3.23 0.00	38.58 3.02 0.00	35.95 2.69 0.00	33.85 2.39 0.00	32.66 2.31 0.00	35.45 2.50 0.00	38.58 2.92 0.00	40.03 3.17 0.00	43.03 3.48 0.00	46.53 3.92 0.00	50.37 4.54 0.00	54.38 5.26 0.00	62.83 6.18 0.00	69.00 6.67 0.00	80.60 6.85 -11.50	96.67 6.85 -28.61	116.09 6.60 -49.54	122.25 7.55 -44.79	97.93 7.15 -22.02	75.36 5.88 -11.24	65.59 4.98 -5.86	54.03 4.46 0.00	46.11 3.81 0.00	40.57 3.38 0.00
PORT_JEFF_3 23555	42.20 3.73 0.00	40.60 4.05 -1.00	40.13 3.63 -3.25	39.43 3.27 -4.70	39.41 3.16 -5.91	39.83 3.46 -3.43	40.03 3.96 -0.42	41.03 4.16 0.00	43.50 3.95 0.00	46.58 3.96 0.00	51.34 5.50 -0.01	131.85 6.24 -76.49	138.57 7.08 -74.84	145.81 7.73 -75.75	232.59 7.78 -162.55	260.47 7.71 -191.56	299.56 7.49 -232.11	277.35 8.67 -198.78	291.30 8.25 -214.29	162.45 7.10 -97.11	141.07 6.18 -80.14	131.85 5.31 -76.97	52.58 4.61 -5.66	40.76 3.57 0.00
PORT_JEFF_4 23616	42.20 3.73 0.00	40.60 4.05 -1.00	40.13 3.63 -3.25	39.43 3.27 -4.70	39.41 3.16 -5.91	39.83 3.46 -3.43	40.03 3.96 -0.42	41.03 4.16 0.00	43.50 3.95 0.00	46.58 3.96 0.00	51.34 5.50 -0.01	131.85 6.24 -76.49	138.57 7.08 -74.84	145.81 7.73 -75.75	232.59 7.78 -162.55	260.47 7.71 -191.56	299.56 7.49 -232.11	277.35 8.67 -198.78	291.30 8.25 -214.29	162.45 7.10 -97.11	141.07 6.18 -80.14	131.85 5.31 -76.97	52.58 4.61 -5.66	40.76 3.57 0.00

PORT_JEFF_IC 23713	42.43 3.96 0.00	40.71 4.16 -1.00	40.20 3.69 -3.25	39.49 3.33 -4.70	39.47 3.22 -5.91	39.90 3.53 -3.43	40.14 4.06 -0.42	41.14 4.28 0.00	43.46 3.92 0.00	46.58 3.96 0.00	51.43 5.59 -0.01	142.57 6.29 -87.16	149.96 7.02 -86.28	156.87 7.97 -86.63	255.81 7.97 -185.58	285.20 7.83 -216.16	326.87 7.61 -259.29	300.56 8.88 -221.77	320.93 8.66 -243.51	182.93 7.28 -117.41	162.37 6.30 -101.32	143.72 5.40 -88.75	52.37 4.82 -5.25	40.90 3.72 0.00
PPL PILGRIM_ST_GT1 24216	42.51 4.04 0.00	40.82 4.26 -1.00	40.33 3.82 -3.25	39.65 3.49 -4.70	39.63 3.37 -5.91	40.00 3.62 -3.43	40.25 4.17 -0.42	41.21 4.35 0.00	43.86 4.31 0.00	47.17 4.56 0.00	51.74 5.91 0.00	76.61 6.43 -21.05	79.47 7.42 -15.40	89.86 8.23 -19.30	113.49 8.28 -42.95	133.18 8.20 -63.78	158.85 7.98 -90.91	158.66 9.30 -79.45	140.31 8.87 -62.67	96.36 7.69 -30.44	80.75 6.57 -19.44	70.96 5.55 -15.84	66.48 5.07 -19.10	41.35 4.16 0.00
PPL PILGRIM_ST_GT2 24217	42.51 4.04 0.00	40.82 4.26 -1.00	40.33 3.82 -3.25	39.65 3.49 -4.70	39.63 3.37 -5.91	40.00 3.62 -3.43	40.25 4.17 -0.42	41.21 4.35 0.00	43.86 4.31 0.00	47.17 4.56 0.00	51.74 5.91 0.00	76.61 6.43 -21.05	79.47 7.42 -15.40	89.86 8.23 -19.30	113.49 8.28 -42.95	133.18 8.20 -63.78	158.85 7.98 -90.91	158.66 9.30 -79.45	140.31 8.87 -62.67	96.36 7.69 -30.44	80.75 6.57 -19.44	70.96 5.55 -15.84	66.48 5.07 -19.10	41.35 4.16 0.00
PPL_SHRM_GT3 24213	42.32 3.85 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	40.99 4.13 0.00	43.66 4.11 0.00	46.92 4.30 0.00	51.79 5.96 -0.01	133.92 6.83 -77.97	140.95 7.87 -76.43	148.32 8.73 -77.27	236.79 8.78 -165.76	264.87 8.69 -194.98	304.24 8.39 -235.89	281.67 9.79 -201.97	296.46 9.35 -218.35	166.83 8.15 -100.44	145.48 7.01 -83.73	134.13 5.95 -78.61	52.89 4.90 -5.68	41.09 3.90 0.00
PPL_SHRM_GT4 24214	42.32 3.85 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	40.99 4.13 0.00	43.66 4.11 0.00	46.92 4.30 0.00	51.79 5.96 -0.01	133.92 6.83 -77.97	140.95 7.87 -76.43	148.32 8.73 -77.27	236.79 8.78 -165.76	264.87 8.69 -194.98	304.24 8.39 -235.89	281.67 9.79 -201.97	296.46 9.35 -218.35	166.83 8.15 -100.44	145.48 7.01 -83.73	134.13 5.95 -78.61	52.89 4.90 -5.68	41.09 3.90 0.00
PROJECT___ORANGE 1 24174	38.71 -0.12 -0.36	35.51 -0.14 -0.09	32.88 -0.17 0.21	31.12 -0.16 0.18	30.01 -0.18 0.16	32.75 -0.20 0.00	35.47 -0.18 0.00	36.64 -0.22 0.00	39.42 -0.20 -0.07	42.73 -0.13 -0.25	45.55 -0.27 0.00	48.88 -0.25 0.00	56.43 -0.23 0.00	62.27 -0.06 0.00	63.02 -0.19 -0.96	62.24 -0.31 -1.34	60.55 -0.30 -0.89	72.75 -0.35 -3.19	70.19 -0.28 -1.71	58.99 -0.29 -1.05	55.55 -0.05 -0.86	50.61 -0.15 -1.19	42.92 -0.13 -0.74	37.75 0.00 -0.57
PROJECT___ORANGE 2 24166	38.71 -0.12 -0.36	35.51 -0.14 -0.09	32.88 -0.17 0.21	31.12 -0.16 0.18	30.01 -0.18 0.16	32.75 -0.20 0.00	35.47 -0.18 0.00	36.64 -0.22 0.00	39.42 -0.20 -0.07	42.73 -0.13 -0.25	45.55 -0.27 0.00	48.88 -0.25 0.00	56.43 -0.23 0.00	62.27 -0.06 0.00	63.02 -0.19 -0.96	62.24 -0.31 -1.34	60.55 -0.30 -0.89	72.75 -0.35 -3.19	70.19 -0.28 -1.71	58.99 -0.29 -1.05	55.55 -0.05 -0.86	50.61 -0.15 -1.19	42.92 -0.13 -0.74	37.75 0.00 -0.57
PUCKETT___SOLAR 323809	40.34 1.62 -0.25	37.16 1.42 -0.18	34.48 1.23 0.00	32.65 1.20 0.00	31.47 1.12 0.00	34.20 1.25 0.00	37.15 1.50 0.00	38.48 1.62 0.00	41.30 1.70 -0.05	44.70 1.92 -0.16	47.75 1.92 0.00	50.94 1.82 0.00	58.86 2.21 0.00	64.76 2.43 0.00	68.27 2.12 -3.90	69.36 2.02 -6.15	67.66 2.10 -5.61	80.04 2.10 -8.04	78.62 2.34 -7.52	65.54 2.16 -5.14	59.38 1.92 -2.72	52.29 1.88 -0.84	44.39 1.57 -0.52	39.03 1.45 -0.40
PYRITES___HYD 24023	36.97 -1.62 -0.11	27.85 -1.53 6.18	23.61 -1.50 8.14	23.22 -1.42 6.82	22.99 -1.27 6.09	31.63 -1.32 0.00	34.51 -1.14 0.00	35.79 -1.07 0.00	38.34 -1.23 -0.02	41.20 -1.49 -0.08	44.09 -1.74 0.00	46.86 -2.26 0.00	53.93 -2.72 0.00	58.83 -3.49 0.01	58.89 -3.36 0.00	58.20 -3.00 0.00	57.14 -2.82 0.00	60.75 -3.64 5.52	60.66 -3.51 4.60	55.89 -2.68 -0.33	51.47 -2.46 0.81	33.74 -2.03 13.80	24.06 -1.82 16.43	23.09 -1.64 12.46
QUAKERRD_115KV_BK1 80622	37.74 -0.73 0.00	34.74 -0.82 0.00	32.29 -0.96 0.00	30.54 -0.91 0.00	29.41 -0.94 0.00	31.99 -0.96 0.00	34.69 -0.96 0.00	35.54 -1.33 0.00	38.12 -1.42 0.00	40.99 -1.62 0.00	43.95 -1.88 0.00	47.16 -1.96 0.00	54.61 -2.04 0.00	60.21 -2.12 0.00	61.17 -2.37 -1.28	60.43 -2.57 -1.80	58.63 -2.52 -1.19	68.87 -3.08 -2.04	65.73 -3.03 0.00	55.68 -2.56 0.00	51.99 -1.97 0.78	47.55 -1.98 0.04	40.65 -1.65 0.00	36.33 -0.86 0.00
QUENSBRY_115KV_TB8 356137	41.51 3.04 0.00	38.40 2.84 0.00	35.75 2.49 0.00	33.66 2.20 0.00	32.48 2.12 0.00	35.28 2.34 0.00	38.25 2.60 0.00	39.52 2.65 0.00	42.63 3.08 0.00	46.06 3.45 0.00	49.26 3.44 0.00	52.71 3.59 0.00	60.85 4.19 0.00	66.57 4.24 0.00	81.99 3.92 -15.81	86.23 3.79 -21.23	83.49 3.84 -19.69	119.91 4.96 -45.04	170.28 5.64 -95.89	113.15 5.07 -49.85	85.47 4.93 -25.80	54.13 4.56 0.00	45.90 3.60 0.00	40.05 2.86 0.00
RAMAPO___LBMP 323565	41.51 3.04 0.00	38.40 2.84 0.00	35.78 2.53 0.00	33.72 2.26 0.00	32.51 2.15 0.00	35.28 2.34 0.00	38.40 2.75 0.00	39.89 3.02 0.00	42.87 3.32 0.00	46.32 3.71 0.00	50.18 4.35 0.00	54.09 4.96 0.00	62.38 5.72 0.00	68.62 6.30 0.00	80.18 6.47 -11.45	96.03 6.43 -28.40	115.17 6.18 -49.03	121.39 7.06 -44.42	97.41 6.74 -21.91	74.97 5.53 -11.20	65.29 4.71 -5.84	53.78 4.21 0.00	45.90 3.60 0.00	40.35 3.16 0.00
RANKINE___ 23646	38.74 0.27 0.00	35.63 0.07 0.00	33.05 -0.20 0.00	31.24 -0.22 0.00	30.02 -0.33 0.00	32.68 -0.26 0.00	35.44 -0.21 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.04 -1.58 0.00	43.95 -1.88 0.00	47.21 -1.92 0.00	54.78 -1.87 0.00	60.40 -1.93 0.00	61.08 -2.99 -1.81	60.14 -3.61 -2.55	57.99 -3.66 -1.68	67.56 -4.61 -2.26	67.29 -3.92 -2.45	56.74 -3.20 -1.70	51.61 -3.23 -0.10	47.01 -2.53 0.03	40.48 -1.82 0.00	36.96 -0.22 0.00
RAVENSWOOD_GT2_1 24244	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.39 6.74 0.00	69.50 7.17 0.00	81.57 7.35 -11.97	99.29 7.41 -30.69	121.32 7.02 -54.35	126.44 7.97 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.24 5.31 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
RAVENSWOOD_GT2_2 24245	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.39 6.74 0.00	69.50 7.17 0.00	81.57 7.35 -11.97	99.29 7.41 -30.69	121.32 7.02 -54.35	126.44 7.97 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.24 5.31 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00

RAVENSWOOD_GT2_3 24246	42.16 3.69 0.00	39.00 3.45 0.00	36.28 3.03 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.04 3.39 0.00	40.62 3.76 0.00	43.70 4.15 0.00	47.17 4.56 0.00	51.14 5.32 0.00	56.83 5.99 -1.71	63.39 6.74 0.00	69.56 7.23 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.51 8.04 -48.56	99.81 7.63 -23.42	76.31 6.29 -11.78	66.29 5.37 -6.18	54.48 4.91 0.00	46.66 4.36 0.00	41.13 3.94 0.00
RAVENSWOOD_GT2_4 24247	42.16 3.69 0.00	39.00 3.45 0.00	36.28 3.03 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.04 3.39 0.00	40.62 3.76 0.00	43.70 4.15 0.00	47.17 4.56 0.00	51.14 5.32 0.00	56.83 5.99 -1.71	63.39 6.74 0.00	69.56 7.23 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.51 8.04 -48.56	99.81 7.63 -23.42	76.31 6.29 -11.78	66.29 5.37 -6.18	54.48 4.91 0.00	46.66 4.36 0.00	41.13 3.94 0.00
RAVENSWOOD_GT3_1 24248	42.12 3.65 0.00	39.00 3.45 0.00	36.25 2.99 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.39 6.74 0.00	69.50 7.17 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.44 7.97 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.24 5.31 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
RAVENSWOOD_GT3_2 24249	42.12 3.65 0.00	39.00 3.45 0.00	36.25 2.99 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.39 6.74 0.00	69.50 7.17 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.44 7.97 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.24 5.31 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
RAVENSWOOD_GT3_3 24250	42.20 3.73 0.00	39.04 3.48 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.74 4.19 0.00	47.22 4.60 0.00	51.24 5.41 0.00	56.93 6.09 -1.71	63.51 6.86 0.00	69.68 7.35 0.00	81.76 7.53 -11.97	99.41 7.53 -30.69	121.50 7.20 -54.35	126.65 8.18 -48.56	99.95 7.77 -23.42	76.37 6.35 -11.78	66.40 5.47 -6.18	54.53 4.96 0.00	46.70 4.40 0.00	41.16 3.98 0.00
RAVENSWOOD_GT3_4 24251	42.20 3.73 0.00	39.04 3.48 0.00	36.31 3.06 0.00	34.16 2.71 0.00	32.96 2.61 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.74 4.19 0.00	47.22 4.60 0.00	51.24 5.41 0.00	56.93 6.09 -1.71	63.51 6.86 0.00	69.68 7.35 0.00	81.76 7.53 -11.97	99.41 7.53 -30.69	121.50 7.20 -54.35	126.65 8.18 -48.56	99.95 7.77 -23.42	76.37 6.35 -11.78	66.40 5.47 -6.18	54.53 4.96 0.00	46.70 4.40 0.00	41.16 3.98 0.00
RAVENSWOOD_GT_1 23729	42.32 3.85 0.00	39.15 3.59 0.00	36.41 3.16 0.00	34.26 2.80 0.00	33.02 2.67 0.00	35.84 2.90 0.00	39.15 3.49 0.00	40.77 3.91 0.00	43.82 4.27 0.00	47.26 4.64 0.00	51.34 5.50 -0.01	60.03 6.04 -4.87	60.62 6.74 2.78	69.44 7.11 -0.01	81.52 7.28 -11.98	99.17 7.28 -30.69	121.20 6.90 -54.35	126.23 7.76 -48.55	99.60 7.43 -23.42	76.07 6.06 -11.77	64.96 5.26 -4.96	54.44 4.86 -0.01	46.75 4.44 0.00	41.78 4.09 -0.50
RAVENSWOOD_GT_10 24258	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.07 6.74 0.32	69.50 7.17 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.51 8.04 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.29 5.37 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
RAVENSWOOD_GT_11 24259	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.07 6.74 0.32	69.50 7.17 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.51 8.04 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.29 5.37 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
RAVENSWOOD_GT_4 24252	42.09 3.62 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.59 3.72 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.10 5.27 -0.01	59.23 5.99 -4.11	64.81 6.74 -1.42	69.57 7.23 -0.01	81.70 7.47 -11.97	99.35 7.47 -30.69	121.44 7.14 -54.35	126.58 8.11 -48.56	99.88 7.70 -23.42	76.30 6.29 -11.77	65.36 5.37 -5.25	54.48 4.91 -0.01	46.62 4.31 0.00	41.42 3.87 -0.37
RAVENSWOOD_GT_5 24254	42.09 3.62 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.59 3.72 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.10 5.27 -0.01	59.23 5.99 -4.11	64.81 6.74 -1.42	69.57 7.23 -0.01	81.70 7.47 -11.97	99.35 7.47 -30.69	121.44 7.14 -54.35	126.58 8.11 -48.56	99.88 7.70 -23.42	76.30 6.29 -11.77	65.36 5.37 -5.25	54.48 4.91 -0.01	46.62 4.31 0.00	41.42 3.87 -0.37
RAVENSWOOD_GT_6 24253	42.09 3.62 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.59 3.72 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.10 5.27 -0.01	59.23 5.99 -4.11	64.81 6.74 -1.42	69.57 7.23 -0.01	81.70 7.47 -11.97	99.35 7.47 -30.69	121.44 7.14 -54.35	126.58 8.11 -48.56	99.88 7.70 -23.42	76.30 6.29 -11.77	65.36 5.37 -5.25	54.48 4.91 -0.01	46.62 4.31 0.00	41.42 3.87 -0.37
RAVENSWOOD_GT_7 24255	42.09 3.62 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.59 3.72 0.00	43.62 4.07 0.00	47.13 4.52 0.00	51.10 5.27 -0.01	59.23 5.99 -4.11	64.81 6.74 -1.42	69.57 7.23 -0.01	81.70 7.47 -11.97	99.35 7.47 -30.69	121.44 7.14 -54.35	126.58 8.11 -48.56	99.88 7.70 -23.42	76.30 6.29 -11.77	65.36 5.37 -5.25	54.48 4.91 -0.01	46.62 4.31 0.00	41.42 3.87 -0.37
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.07 6.74 0.32	69.50 7.17 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.51 8.04 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.29 5.37 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00
RAVENSWOOD_GT_9 24257	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.71 2.77 0.00	39.00 3.35 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.52 0.00	51.14 5.32 0.00	56.78 5.94 -1.71	63.07 6.74 0.32	69.50 7.17 0.00	81.63 7.41 -11.97	99.29 7.41 -30.69	121.38 7.08 -54.35	126.51 8.04 -48.56	99.81 7.63 -23.42	76.25 6.23 -11.78	66.29 5.37 -6.18	54.43 4.86 0.00	46.62 4.31 0.00	41.09 3.90 0.00

RAVENSWOOD___1 23533	42.28 3.81 0.00	39.14 3.59 0.00	36.38 3.12 0.00	34.23 2.77 0.00	33.02 2.67 0.00	35.81 2.86 0.00	39.07 3.42 0.00	40.73 3.87 0.00	43.82 4.27 0.00	47.22 4.60 0.00	51.19 5.36 0.00	56.93 6.09 -1.71	61.27 6.85 2.24	69.37 7.04 0.00	81.44 7.22 -11.97	99.17 7.28 -30.69	121.20 6.89 -54.35	126.21 7.76 -48.54	99.52 7.36 -23.40	76.00 6.00 -11.76	63.04 4.98 -3.31	54.38 4.81 0.00	46.74 4.44 0.00	41.32 4.13 -0.01
RAVENSWOOD___2 23534	42.20 3.73 0.00	39.04 3.49 0.00	36.28 3.03 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	38.97 3.32 0.00	40.62 3.76 0.00	43.74 4.19 0.00	47.13 4.51 0.00	51.10 5.27 0.00	56.58 5.74 -1.71	60.79 6.34 2.20	68.81 6.48 0.00	80.95 6.73 -11.97	98.68 6.79 -30.69	120.66 6.35 -54.35	125.66 7.20 -48.54	98.96 6.81 -23.40	75.47 5.47 -11.76	62.56 4.54 -3.27	54.08 4.51 0.00	46.66 4.36 0.00	41.25 4.05 -0.01
RAVENSWOOD___3 23535	42.13 3.66 0.00	39.00 3.45 0.00	36.25 2.99 0.00	34.13 2.67 0.00	32.93 2.58 0.00	35.74 2.80 0.00	38.97 3.32 0.00	40.62 3.76 0.00	43.66 4.11 0.00	47.13 4.51 0.00	51.05 5.22 0.00	56.88 6.04 -1.71	63.51 6.85 0.00	69.49 7.16 0.00	81.63 7.40 -11.97	99.29 7.40 -30.69	121.38 7.07 -54.35	126.50 8.04 -48.55	99.73 7.56 -23.40	76.24 6.23 -11.77	66.23 5.31 -6.17	54.43 4.86 0.00	46.62 4.32 0.00	41.17 3.98 0.00
RAVENSWOOD___4 23820	42.24 3.77 0.00	39.11 3.56 0.00	36.34 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.04 3.39 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.22 4.60 0.00	51.18 5.36 0.01	53.77 6.04 1.39	61.78 6.80 1.67	69.30 6.98 0.01	81.43 7.22 -11.96	99.11 7.22 -30.69	121.14 6.83 -54.35	126.14 7.69 -48.54	99.44 7.29 -23.39	75.94 5.94 -11.76	61.38 4.98 -1.65	54.32 4.76 0.01	46.70 4.40 0.00	40.80 4.09 0.48
RCPL_TRUST___DRP 24196	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.04 3.39 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.64 0.00	51.24 5.41 0.00	56.93 6.09 -1.71	63.56 6.91 0.00	69.87 7.54 0.00	81.94 7.72 -11.97	99.66 7.77 -30.69	121.68 7.37 -54.35	126.86 8.39 -48.56	100.16 7.98 -23.42	76.48 6.46 -11.78	66.46 5.53 -6.18	54.53 4.96 0.00	46.62 4.31 0.00	41.05 3.87 0.00
RED___ROCHESTER 323720	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.55 -0.11 0.00	36.38 -0.48 0.00	39.03 -0.52 0.00	41.93 -0.68 0.00	45.14 -0.69 0.00	48.34 -0.79 0.00	56.09 -0.57 0.00	61.65 -0.68 0.00	62.65 -0.93 -1.33	61.96 -1.10 -1.86	60.17 -1.02 -1.23	70.49 -1.54 -2.12	67.18 -1.58 0.00	56.90 -1.34 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.19 0.00 0.00
REGAN___SOLAR 323812	44.24 5.77 0.00	40.92 5.37 0.00	37.91 4.66 0.00	35.70 4.24 0.00	34.48 4.13 0.00	37.49 4.55 0.00	40.93 5.28 0.00	42.10 5.23 0.00	45.36 5.82 0.00	48.88 6.27 0.00	52.43 6.60 0.00	55.85 6.73 0.00	64.53 7.87 0.00	70.74 8.41 0.00	87.01 7.84 -16.91	92.56 8.08 -23.28	86.10 8.09 -18.05	116.02 10.42 -35.69	155.28 10.72 -75.80	112.46 9.38 -44.84	85.50 8.71 -22.05	57.65 8.08 0.00	48.78 6.47 0.00	42.54 5.36 0.00
RENSSELAER___COGEN 23796	39.62 1.15 0.00	36.69 1.14 0.00	34.35 1.10 0.00	32.43 0.98 0.00	31.29 0.94 0.00	33.93 0.99 0.00	36.61 0.96 0.00	37.93 1.07 0.00	40.73 1.19 0.00	43.94 1.32 0.00	47.34 1.51 0.00	50.60 1.47 0.00	58.35 1.70 0.00	64.20 1.87 0.00	75.83 1.99 -11.58	83.54 1.83 -20.50	50.67 1.92 11.21	-0.80 2.30 73.02	-20.84 2.34 91.94	70.29 1.86 -10.19	49.35 1.70 7.10	51.06 1.49 0.00	43.74 1.44 0.00	38.34 1.15 0.00
REPUBLIC___115KV_BARTNBRK 55605	44.32 5.85 0.00	40.96 5.40 0.00	37.97 4.72 0.00	35.67 4.22 0.00	34.42 4.07 0.00	37.42 4.48 0.00	40.68 5.03 0.00	41.88 5.01 0.00	45.28 5.73 0.00	48.96 6.35 0.00	52.38 6.55 0.00	56.05 6.93 0.00	64.64 7.99 0.00	70.68 8.35 0.00	85.73 7.66 -15.82	89.76 7.34 -21.22	87.11 7.32 -19.84	124.98 9.44 -45.63	175.42 10.18 -96.48	117.17 9.14 -49.79	89.41 8.81 -25.84	57.85 8.28 0.00	48.90 6.60 0.00	42.62 5.43 0.00
REVERE___CPPR_DRP 24186	40.35 1.69 -0.19	36.68 1.49 0.37	33.83 1.23 0.65	32.11 1.20 0.55	30.99 1.12 0.49	34.20 1.25 0.00	37.22 1.57 0.00	38.56 1.70 0.00	41.40 1.82 -0.04	44.87 2.13 -0.13	47.98 2.15 0.00	50.84 1.72 0.00	58.75 2.10 0.00	64.76 2.43 0.00	65.05 2.24 -0.55	64.06 2.08 -0.78	62.75 2.28 -0.51	74.39 2.94 -1.54	72.43 2.96 -0.71	61.52 2.74 -0.55	57.83 2.63 -0.46	52.33 2.63 -0.13	44.14 2.03 0.19	38.72 1.67 0.14
REYNOLDS___115KV_TB3 80639	39.97 1.50 0.00	37.01 1.46 0.00	34.62 1.36 0.00	32.72 1.26 0.00	31.56 1.21 0.00	34.23 1.28 0.00	36.90 1.25 0.00	38.23 1.36 0.00	41.09 1.54 0.00	44.27 1.66 0.00	47.75 1.92 0.00	51.14 2.01 0.00	58.98 2.32 0.00	65.01 2.68 0.00	81.87 2.80 -16.81	85.19 2.63 -21.36	96.57 2.64 -33.97	166.22 3.22 -93.09	212.02 3.16 -140.10	104.66 2.62 -43.80	85.96 2.35 -28.86	51.65 2.08 0.00	44.08 1.78 0.00	38.60 1.41 0.00
RIVERBAY___ 323610	42.98 4.50 -0.01	39.79 4.23 -0.01	36.95 3.69 -0.01	34.76 3.30 0.00	33.51 3.16 0.00	36.24 3.29 0.00	39.47 3.81 0.00	41.03 4.17 0.00	44.13 4.59 0.00	47.56 4.94 0.00	51.60 5.77 0.00	57.27 6.44 -1.71	63.50 7.08 0.23	69.81 7.48 0.00	81.94 7.72 -11.97	99.72 7.83 -30.69	121.68 7.37 -54.35	126.85 8.39 -48.55	100.36 8.18 -23.41	76.77 6.76 -11.77	66.94 6.02 -6.17	54.82 5.25 0.00	47.30 4.99 0.00	41.77 4.57 -0.01
RIVERSIDE___115KV_TB3 55908	39.85 1.38 0.00	36.87 1.32 0.00	34.52 1.26 0.00	32.59 1.13 0.00	31.44 1.09 0.00	34.10 1.15 0.00	36.79 1.14 0.00	38.12 1.25 0.00	40.97 1.42 0.00	44.19 1.58 0.00	47.66 1.83 0.00	50.94 1.82 0.00	58.75 2.10 0.00	64.76 2.43 0.00	79.51 2.43 -14.83	84.14 2.33 -20.62	77.09 2.34 -14.80	99.84 2.87 -27.06	122.44 2.82 -50.86	92.45 2.27 -31.94	72.18 2.08 -15.36	51.40 1.83 0.00	43.95 1.65 0.00	38.45 1.26 0.00
ROARING___BROOK_WT_PWR 323790	38.01 -0.46 0.00	35.32 -0.39 -0.15	33.12 -0.33 -0.20	31.34 -0.28 -0.17	30.22 -0.27 -0.15	32.68 -0.26 0.00	35.37 -0.29 0.00	36.24 -0.63 0.00	38.87 -0.67 0.00	41.76 -0.85 0.00	44.86 -0.96 0.00	47.85 -1.28 0.00	55.01 -1.64 0.00	60.38 -1.93 0.01	60.33 -1.93 0.00	59.42 -1.78 0.00	58.28 -1.68 0.00	56.48 -1.96 11.48	57.05 -2.00 9.72	56.43 -1.81 0.00	50.68 -1.81 2.26	20.98 -1.74 26.85	9.18 -1.56 31.56	11.85 -1.41 23.93
ROCHESRG___115KV_T4 355643	38.32 -0.15 0.00	35.27 -0.28 0.00	32.79 -0.47 0.00	31.02 -0.44 0.00	29.83 -0.52 0.00	32.45 -0.49 0.00	35.19 -0.46 0.00	35.94 -0.92 0.00	38.56 -0.99 0.00	41.38 -1.24 0.00	44.36 -1.47 0.00	47.60 -1.52 0.00	55.12 -1.53 0.00	60.71 -1.62 0.00	61.71 -1.87 -1.32	60.91 -2.14 -1.85	59.08 -2.10 -1.22	69.36 -2.66 -2.10	66.15 -2.61 0.00	56.03 -2.21 0.00	52.34 -1.59 0.82	47.94 -1.59 0.04	41.03 -1.27 0.00	36.85 -0.33 0.00

ROCHESTER_9_IC 23652	38.59 0.12 0.00	35.48 -0.07 0.00	32.99 -0.27 0.00	31.17 -0.28 0.00	30.02 -0.33 0.00	32.65 -0.30 0.00	35.37 -0.29 0.00	36.16 -0.70 0.00	38.80 -0.75 0.00	41.68 -0.94 0.00	44.68 -1.15 0.00	47.94 -1.18 0.00	55.58 -1.08 0.00	61.21 -1.12 0.00	62.21 -1.37 -1.33	61.35 -1.71 -1.86	59.51 -1.68 -1.23	69.91 -2.10 -2.10	66.63 -2.13 0.00	56.49 -1.75 0.00	52.79 -1.15 0.81	48.34 -1.19 0.04	41.33 -0.97 0.00	37.11 -3.07 0.00
ROCKVIEW_13_KV_LD 356306	42.05 3.58 0.00	38.90 3.34 0.00	36.21 2.96 0.00	34.10 2.64 0.00	32.90 2.55 0.00	35.74 2.80 0.00	38.97 3.32 0.00	40.55 3.69 0.00	43.58 4.03 0.00	47.09 4.47 0.00	51.10 5.27 0.00	56.88 6.04 -1.71	63.51 6.86 0.00	69.87 7.54 0.00	82.01 7.78 -11.97	99.66 7.77 -30.69	121.80 7.49 -54.35	126.93 8.46 -48.56	100.30 8.11 -23.42	76.66 6.64 -11.78	66.62 5.69 -6.18	54.63 5.06 0.00	46.62 4.31 0.00	40.98 3.79 0.00
ROME____115KV_TB2 80656	40.35 1.69 -0.19	36.68 1.49 0.37	33.83 1.23 0.65	32.11 1.20 0.55	30.99 1.12 0.49	34.20 1.25 0.00	37.22 1.57 0.00	38.56 1.70 0.00	41.40 1.82 -0.04	44.87 2.13 -0.13	47.98 2.15 0.00	50.84 1.72 0.00	58.75 2.10 0.00	64.76 2.43 0.00	65.05 2.24 -0.55	64.06 2.08 -0.78	62.75 2.28 -0.51	74.39 2.94 -1.54	72.43 2.96 -0.71	61.52 2.74 -0.55	57.83 2.63 -0.46	52.33 2.63 -0.13	44.14 2.03 0.19	38.72 1.67 0.14
ROSETON____1 23587	41.12 2.65 0.00	38.08 2.52 0.00	35.52 2.26 0.00	33.50 2.04 0.00	32.32 1.97 0.00	35.08 2.14 0.00	38.08 2.43 0.00	39.55 2.69 0.00	42.43 2.89 0.00	45.81 3.20 0.00	49.59 3.76 0.00	53.49 4.37 0.00	61.69 5.04 0.00	67.82 5.49 0.00	79.80 5.61 -11.94	95.10 5.63 -28.27	112.45 5.46 -47.04	119.76 6.15 -43.69	96.95 5.84 -22.35	74.61 4.83 -11.54	64.89 4.16 -5.99	53.29 3.72 0.00	45.43 3.13 0.00	39.98 2.79 0.00
ROSETON____2 23588	41.12 2.65 0.00	38.08 2.52 0.00	35.52 2.26 0.00	33.50 2.04 0.00	32.32 1.97 0.00	35.08 2.14 0.00	38.08 2.43 0.00	39.55 2.69 0.00	42.43 2.89 0.00	45.81 3.20 0.00	49.59 3.76 0.00	53.49 4.37 0.00	61.69 5.04 0.00	67.82 5.49 0.00	79.80 5.61 -11.94	95.10 5.63 -28.27	112.45 5.46 -47.04	119.76 6.15 -43.69	96.95 5.84 -22.35	74.61 4.83 -11.54	64.89 4.16 -5.99	53.29 3.72 0.00	45.43 3.13 0.00	39.98 2.79 0.00
ROTTDAM_115KV_TB3 80664	40.24 1.77 0.00	37.23 1.67 0.00	34.82 1.56 0.00	32.90 1.45 0.00	31.75 1.40 0.00	34.46 1.52 0.00	37.22 1.57 0.00	38.48 1.62 0.00	41.33 1.78 0.00	44.57 1.96 0.00	47.98 2.15 0.00	51.48 2.36 0.00	59.37 2.72 0.00	65.32 2.99 0.00	80.83 2.93 -15.65	85.53 2.88 -21.46	79.99 2.82 -17.21	108.49 3.43 -35.15	158.23 3.51 -85.97	112.08 3.03 -50.81	82.53 2.79 -24.99	52.10 2.53 0.00	44.38 2.07 0.00	38.93 1.75 0.00
RUSSELL____1 23602	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.35 -0.52 0.00	39.03 -0.51 0.00	41.93 -0.68 0.00	44.96 -0.87 0.00	48.24 -0.88 0.00	55.92 -0.74 0.00	61.58 -0.75 0.00	62.59 -1.00 -1.33	61.78 -1.29 -1.86	59.93 -1.26 -1.23	70.33 -1.68 -2.10	67.04 -1.72 0.00	56.84 -1.40 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.30 0.11 0.00
RUSSELL____2 23532	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.35 -0.52 0.00	39.03 -0.51 0.00	41.93 -0.68 0.00	44.96 -0.87 0.00	48.24 -0.88 0.00	55.92 -0.74 0.00	61.58 -0.75 0.00	62.59 -1.00 -1.33	61.78 -1.29 -1.86	59.93 -1.26 -1.23	70.33 -1.68 -2.10	67.04 -1.72 0.00	56.84 -1.40 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.30 0.11 0.00
RUSSELL____3 23549	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.35 -0.52 0.00	39.03 -0.51 0.00	41.93 -0.68 0.00	44.96 -0.87 0.00	48.24 -0.88 0.00	55.92 -0.74 0.00	61.58 -0.75 0.00	62.59 -1.00 -1.33	61.78 -1.29 -1.86	59.93 -1.26 -1.23	70.33 -1.68 -2.10	67.04 -1.72 0.00	56.84 -1.40 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.30 0.11 0.00
RUSSELL____4 23556	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.35 -0.52 0.00	39.03 -0.51 0.00	41.93 -0.68 0.00	44.96 -0.87 0.00	48.24 -0.88 0.00	55.92 -0.74 0.00	61.58 -0.75 0.00	62.59 -1.00 -1.33	61.78 -1.29 -1.86	59.93 -1.26 -1.23	70.33 -1.68 -2.10	67.04 -1.72 0.00	56.84 -1.40 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.30 0.11 0.00
RUSSELL____STATION 23914	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.35 -0.52 0.00	39.03 -0.51 0.00	41.93 -0.68 0.00	44.96 -0.87 0.00	48.24 -0.88 0.00	55.92 -0.74 0.00	61.58 -0.75 0.00	62.59 -1.00 -1.33	61.78 -1.29 -1.86	59.93 -1.26 -1.23	70.33 -1.68 -2.10	67.04 -1.72 0.00	56.84 -1.40 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.30 0.11 0.00
S SALMON____HYD 24043	39.14 -0.27 -0.94	35.28 -0.32 -0.04	32.04 -0.40 0.82	30.46 -0.31 0.69	29.40 -0.33 0.61	32.59 -0.36 -0.01	35.44 -0.21 0.00	36.57 -0.30 0.00	39.31 -0.43 -0.19	42.84 -0.43 -0.65	45.14 -0.69 0.00	48.24 -0.88 0.00	55.74 -0.91 0.00	61.40 -0.93 0.00	61.96 -1.06 -0.76	60.98 -1.29 -1.07	59.52 -1.14 -0.71	73.98 -1.12 -5.19	71.92 -0.90 -4.05	60.37 -0.64 -2.77	57.84 -0.33 -3.42	51.37 -0.15 -1.94	42.53 -0.25 -0.48	37.30 -0.26 -0.37
S.PERRY__115KV_TB1 80734	39.09 0.62 0.00	35.87 0.32 0.00	33.29 0.03 0.00	31.46 0.00 0.00	30.29 -0.06 0.00	32.98 0.03 0.00	35.76 0.11 0.00	36.27 -0.59 0.00	38.60 -0.95 0.00	41.16 -1.45 0.00	43.99 -1.83 0.00	47.40 -1.72 0.00	52.80 -3.85 0.00	58.28 -4.05 0.00	59.62 -4.54 -1.91	59.24 -4.65 -2.69	57.30 -4.44 -1.78	67.61 -5.10 -2.80	67.03 -4.33 -2.60	56.67 -3.38 -1.81	52.23 -2.74 -0.22	48.80 -0.74 0.03	41.67 -0.63 0.00	37.33 0.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.24 -0.23 0.00	35.20 -0.36 0.00	32.62 -0.63 0.00	30.86 -0.60 0.00	29.65 -0.70 0.00	32.29 -0.66 0.00	34.97 -0.68 0.00	35.31 -1.55 0.00	37.85 -1.70 0.00	40.44 -2.17 0.00	43.26 -2.57 0.00	46.42 -2.70 0.00	53.88 -2.78 0.00	59.34 -2.99 0.00	60.19 -3.80 -1.73	59.29 -4.35 -2.43	57.19 -4.38 -1.61	66.54 -5.45 -2.08	66.13 -4.95 -2.32	55.78 -4.08 -1.62	51.05 -3.72 -0.03	46.36 -3.17 0.04	39.98 -2.33 0.00	36.55 -0.63 0.00
SAWYER____23_KV_LOAD 55526	38.24 -0.23 0.00	35.20 -0.36 0.00	32.62 -0.63 0.00	30.86 -0.60 0.00	29.65 -0.70 0.00	32.29 -0.66 0.00	34.97 -0.68 0.00	35.31 -1.55 0.00	37.85 -1.70 0.00	40.44 -2.17 0.00	43.26 -2.57 0.00	46.42 -2.70 0.00	53.88 -2.78 0.00	59.34 -2.99 0.00	60.19 -3.80 -1.73	59.29 -4.35 -2.43	57.19 -4.38 -1.61	66.54 -5.45 -2.08	66.13 -4.95 -2.32	55.78 -4.08 -1.62	51.05 -3.72 -0.03	46.36 -3.17 0.04	39.98 -2.33 0.00	36.55 -0.63 0.00

SELKIRK___I 23801	39.89 1.42 0.00	36.94 1.39 0.00	34.58 1.33 0.00	32.68 1.23 0.00	31.53 1.18 0.00	34.20 1.25 0.00	36.86 1.21 0.00	38.15 1.29 0.00	40.97 1.42 0.00	44.14 1.53 0.00	47.57 1.74 0.00	50.80 1.67 0.00	58.12 1.47 0.00	63.95 1.62 0.00	77.25 1.68 -13.32	82.19 1.59 -19.40	64.88 1.62 -3.30	54.85 1.95 17.01	48.48 1.92 22.20	75.04 1.63 -15.17	58.38 1.48 -2.15	50.86 1.29 0.00	43.95 1.65 0.00	38.60 1.41 0.00
SELKIRK___II 23799	39.78 1.31 0.00	36.80 1.24 0.00	34.45 1.20 0.00	32.56 1.10 0.00	31.41 1.06 0.00	34.06 1.12 0.00	36.76 1.11 0.00	38.04 1.18 0.00	40.85 1.30 0.00	44.02 1.40 0.00	47.43 1.60 0.00	50.40 1.28 0.00	58.01 1.36 0.00	63.89 1.56 0.00	76.64 1.62 -12.77	79.15 1.53 -16.42	60.48 1.56 1.04	38.10 1.89 33.70	27.59 1.86 43.03	73.37 1.51 -13.62	55.48 1.37 0.63	50.76 1.19 0.00	43.82 1.52 0.00	38.45 1.27 0.00
SENECA OSWGO___HYD 24041	39.38 -0.42 -1.33	35.84 -0.46 -0.75	32.53 -0.47 0.26	30.80 -0.44 0.22	29.73 -0.42 0.20	32.46 -0.49 -0.01	35.23 -0.43 0.00	36.35 -0.52 0.00	39.23 -0.59 -0.27	42.90 -0.64 -0.92	44.96 -0.87 0.00	48.24 -0.88 0.00	55.69 -0.96 0.00	61.40 -0.93 0.00	62.05 -1.06 -0.85	61.35 -1.04 -1.19	59.73 -1.02 -0.79	76.62 -1.05 -7.75	74.18 -0.96 -6.38	61.34 -0.82 -3.92	59.42 -0.49 -5.17	53.57 -0.54 -4.55	44.62 -0.46 -2.78	38.90 -0.41 -2.12
SENECA___115KV_TB3 355854	38.82 0.35 0.00	35.70 0.14 0.00	33.09 -0.17 0.00	31.30 -0.16 0.00	30.05 -0.30 0.00	32.75 -0.20 0.00	35.47 -0.18 0.00	35.90 -0.96 0.00	38.52 -1.03 0.00	41.12 -1.49 0.00	44.04 -1.79 0.00	47.31 -1.82 0.00	54.90 -1.76 0.00	60.58 -1.75 0.00	61.20 -2.86 -1.81	60.26 -3.49 -2.55	58.11 -3.54 -1.68	67.70 -4.47 -2.26	67.42 -3.78 -2.45	56.86 -3.09 -1.70	51.72 -3.12 -0.10	47.11 -2.43 0.03	40.57 -1.73 0.00	37.04 -0.15 0.00
SENECA___ENERGY 23797	39.22 0.27 -0.48	35.93 0.14 -0.23	33.08 -0.03 0.14	31.34 0.00 0.12	30.21 -0.03 0.11	32.95 0.00 0.00	35.83 0.18 0.00	36.86 0.00 0.00	39.65 0.00 -0.10	42.90 -0.04 -0.33	45.69 -0.14 0.00	49.03 -0.10 0.00	56.77 0.11 0.19	62.52 0.19 -0.06	63.58 -0.12 -0.12	63.03 -0.19 -0.06	61.19 -0.21 -0.06	74.18 0.07 -0.21	71.11 0.00 0.07	59.64 0.16 0.00	56.31 0.00 0.16	51.17 0.00 0.00	43.30 0.00 0.19	38.13 0.19 -0.76
SHOEMAKER___GT 23640	40.97 2.50 0.00	37.90 2.35 0.00	35.38 2.13 0.00	33.38 1.92 0.00	32.20 1.85 0.00	34.92 1.98 0.00	37.86 2.21 0.00	39.26 2.39 0.00	42.12 2.57 0.00	45.47 2.86 0.00	49.13 3.30 0.00	52.96 3.83 0.00	61.19 4.53 0.00	67.25 4.92 0.00	78.11 5.04 -10.81	92.16 5.08 -25.89	108.26 4.92 -43.38	115.47 5.66 -39.90	94.34 5.43 -20.15	73.29 4.55 -10.50	64.01 3.83 -5.43	52.99 3.42 0.00	45.22 2.92 0.00	39.75 2.56 0.00
SHOEMAKR_138KV_BK 111 55601	40.97 2.50 0.00	37.90 2.35 0.00	35.35 2.09 0.00	33.38 1.92 0.00	32.17 1.82 0.00	34.92 1.98 0.00	37.90 2.25 0.00	39.26 2.40 0.00	42.16 2.61 0.00	45.51 2.90 0.00	49.22 3.39 0.00	52.96 3.83 0.00	61.13 4.48 0.00	67.32 4.99 0.00	78.09 5.10 -10.73	91.87 5.08 -25.59	107.63 4.92 -42.75	114.98 5.66 -39.41	94.16 5.43 -19.97	73.21 4.54 -10.43	63.97 3.83 -5.39	52.99 3.42 0.00	45.22 2.92 0.00	39.71 2.53 0.00
SHOREHAM_IC_1 23715	42.32 3.85 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	40.99 4.13 0.00	43.66 4.11 0.00	46.92 4.30 0.00	51.79 5.96 -0.01	133.92 6.83 -77.97	140.95 7.87 -76.43	148.32 8.73 -77.27	236.79 8.78 -165.76	264.87 8.69 -194.98	304.24 8.39 -235.89	281.67 9.79 -201.97	296.46 9.35 -218.35	166.83 8.15 -100.44	145.48 7.01 -83.73	134.13 5.95 -78.61	52.89 4.90 -5.68	41.09 3.90 0.00
SHOREHAM_IC_2 23716	42.32 3.85 0.00	40.57 4.02 -1.00	40.10 3.59 -3.25	39.36 3.21 -4.70	39.35 3.10 -5.91	39.77 3.39 -3.43	40.00 3.92 -0.42	40.99 4.13 0.00	43.66 4.11 0.00	46.92 4.30 0.00	51.79 5.96 -0.01	133.92 6.83 -77.97	140.95 7.87 -76.43	148.32 8.73 -77.27	236.79 8.78 -165.76	264.87 8.69 -194.98	304.24 8.39 -235.89	281.67 9.79 -201.97	296.46 9.35 -218.35	166.83 8.15 -100.44	145.48 7.01 -83.73	134.13 5.95 -78.61	52.89 4.90 -5.68	41.09 3.90 0.00
SISSONVILLE____ 23735	36.28 -2.31 -0.12	27.57 -2.17 5.81	23.52 -2.06 7.68	23.08 -1.95 6.43	22.82 -1.79 5.74	31.00 -1.94 0.00	33.76 -1.89 0.00	35.02 -1.84 0.00	37.60 -1.98 -0.03	40.36 -2.34 -0.09	43.26 -2.57 0.00	46.13 -3.00 0.00	53.03 -3.63 0.00	57.90 -4.43 0.01	57.90 -4.36 0.00	57.28 -3.92 0.00	56.18 -3.78 0.00	59.85 -4.75 5.31	59.74 -4.61 4.41	54.87 -3.73 -0.36	50.55 -3.45 0.75	33.17 -3.02 13.38	23.73 -2.62 15.95	22.79 -2.31 12.09
SITHE_IND_GS1 24169	33.72 -1.08 3.67	31.89 -1.03 2.63	32.22 -1.03 0.00	30.51 -0.94 0.00	29.44 -0.91 0.00	31.89 -1.02 0.03	34.62 -1.04 0.00	35.72 -1.14 0.00	37.57 -1.23 0.75	38.74 -1.32 2.55	44.27 -1.56 0.00	47.45 -1.67 0.00	54.84 -1.82 0.00	60.33 -2.00 0.00	60.89 -2.05 -0.69	60.15 -2.02 -0.96	58.62 -1.98 -0.64	51.00 -2.24 16.67	49.02 -2.13 17.61	45.63 -1.81 10.81	35.36 -1.53 17.85	35.41 -1.44 12.72	33.40 -1.23 7.67	30.34 -1.00 5.85
SITHE_IND_GS2 24170	33.72 -1.08 3.67	31.89 -1.03 2.63	32.22 -1.03 0.00	30.51 -0.94 0.00	29.44 -0.91 0.00	31.89 -1.02 0.03	34.62 -1.04 0.00	35.72 -1.14 0.00	37.57 -1.23 0.75	38.74 -1.32 2.55	44.27 -1.56 0.00	47.45 -1.67 0.00	54.84 -1.82 0.00	60.33 -2.00 0.00	60.89 -2.05 -0.69	60.15 -2.02 -0.96	58.62 -1.98 -0.64	51.00 -2.24 16.67	49.02 -2.13 17.61	45.63 -1.81 10.81	35.36 -1.53 17.85	35.41 -1.44 12.72	33.40 -1.23 7.67	30.34 -1.00 5.85
SITHE_IND_GS3 24171	33.72 -1.08 3.67	31.89 -1.03 2.63	32.22 -1.03 0.00	30.51 -0.94 0.00	29.44 -0.91 0.00	31.89 -1.02 0.03	34.62 -1.04 0.00	35.72 -1.14 0.00	37.57 -1.23 0.75	38.74 -1.32 2.55	44.27 -1.56 0.00	47.45 -1.67 0.00	54.84 -1.82 0.00	60.33 -2.00 0.00	60.89 -2.05 -0.69	60.15 -2.02 -0.96	58.62 -1.98 -0.64	51.00 -2.24 16.67	49.02 -2.13 17.61	45.63 -1.81 10.81	35.36 -1.53 17.85	35.41 -1.44 12.72	33.40 -1.23 7.67	30.34 -1.00 5.85
SITHE_IND_GS4 24172	33.72 -1.08 3.67	31.89 -1.03 2.63	32.22 -1.03 0.00	30.51 -0.94 0.00	29.44 -0.91 0.00	31.89 -1.02 0.03	34.62 -1.04 0.00	35.72 -1.14 0.00	37.57 -1.23 0.75	38.74 -1.32 2.55	44.27 -1.56 0.00	47.45 -1.67 0.00	54.84 -1.82 0.00	60.33 -2.00 0.00	60.89 -2.05 -0.69	60.15 -2.02 -0.96	58.62 -1.98 -0.64	51.00 -2.24 16.67	49.02 -2.13 17.61	45.63 -1.81 10.81	35.36 -1.53 17.85	35.41 -1.44 12.72	33.40 -1.23 7.67	30.34 -1.00 5.85
SITHE___BATAVIA 24024	39.12 0.65 0.00	35.95 0.39 0.00	33.29 0.03 0.00	31.49 0.03 0.00	30.26 -0.09 0.00	32.94 0.00 0.00	35.76 0.11 0.00	36.27 -0.59 0.00	38.79 -0.75 0.00	41.42 -1.19 0.00	44.68 -1.14 0.00	47.75 -1.38 0.00	55.35 -1.30 0.00	60.90 -1.43 0.00	61.74 -2.05 -1.53	60.97 -2.39 -2.15	59.23 -2.16 -1.42	68.85 -3.14 -2.09	68.06 -2.75 -2.05	57.40 -2.27 -1.43	52.73 -1.92 0.10	47.90 -1.63 0.04	41.08 -1.23 0.00	37.26 0.07 0.00

SITHE___INDEPEND 23800	33.72 -1.08 3.67	31.89 -1.03 2.63	32.22 -1.03 0.00	30.51 -0.94 0.00	29.44 -0.91 0.00	31.89 -1.02 0.03	34.58 -1.07 0.00	35.72 -1.14 0.00	37.57 -1.23 0.75	38.74 -1.32 2.55	44.27 -1.56 0.00	47.45 -1.67 0.00	54.78 -1.87 0.00	60.33 -1.99 0.00	60.89 -2.05 -0.69	60.08 -2.08 -0.96	58.56 -2.04 -0.64	50.99 -2.24 16.68	48.95 -2.20 17.61	45.57 -1.86 10.81	35.36 -1.53 17.85	35.41 -1.44 12.72	33.40 -1.23 7.67	30.37 -0.97 5.85
SITHE___MASSENA 23902	37.12 -1.35 0.00	25.69 -1.25 8.62	20.84 -1.20 11.22	20.93 -1.13 9.40	20.93 -1.03 8.39	31.82 -1.12 0.00	34.55 -1.11 0.00	35.76 -1.10 0.00	38.36 -1.19 0.00	41.16 -1.45 0.00	44.22 -1.61 0.00	47.16 -1.97 0.00	54.16 -2.49 0.00	59.58 -2.74 0.01	59.64 -2.61 0.00	58.63 -2.57 0.00	57.44 -2.52 0.00	59.83 -2.93 7.15	59.88 -2.82 6.05	55.85 -2.39 0.00	51.15 -2.19 1.41	30.86 -1.98 16.73	20.91 -1.74 19.66	20.91 -1.38 14.90
SITHE___OGDNSBRG 24021	37.08 -1.38 0.00	27.32 -1.28 6.96	22.90 -1.30 9.05	22.68 -1.20 7.58	22.49 -1.09 6.77	31.79 -1.15 0.00	34.62 -1.03 0.00	35.87 -1.00 0.00	38.40 -1.15 0.00	41.16 -1.45 0.00	44.13 -1.70 0.00	47.01 -2.11 0.00	54.10 -2.55 0.00	59.08 -3.24 0.01	59.14 -3.11 0.00	58.45 -2.75 0.00	57.38 -2.58 0.00	60.17 -3.36 6.38	60.19 -3.16 5.40	55.85 -2.39 0.00	51.30 -2.19 1.26	32.86 -1.78 14.93	23.15 -1.61 17.55	22.47 -1.41 13.30
SITHE___STERLING 23777	40.09 1.42 -0.20	36.64 1.28 0.19	33.88 1.06 0.43	32.13 1.04 0.36	31.00 0.97 0.32	34.00 1.05 0.00	36.97 1.32 0.00	38.26 1.40 0.00	41.09 1.50 -0.04	44.54 1.79 -0.14	47.61 1.79 0.00	50.70 1.57 0.00	58.58 1.93 0.00	64.45 2.12 0.00	64.90 1.99 -0.65	64.02 1.90 -0.92	62.60 2.04 -0.61	74.40 2.51 -1.97	72.25 2.55 -0.94	61.09 2.27 -0.58	57.49 2.25 -0.50	52.41 2.18 -0.66	44.41 1.69 -0.41	38.91 1.41 -0.31
SLEIGHT___34_KV_TB1 80719	38.63 0.04 -0.12	35.50 -0.14 -0.09	32.92 -0.33 0.00	31.17 -0.28 0.00	30.02 -0.33 0.00	32.65 -0.30 0.00	35.44 -0.21 0.00	36.42 -0.44 0.00	39.10 -0.47 -0.03	42.19 -0.51 -0.09	45.09 -0.73 0.00	48.44 -0.69 0.00	56.09 -0.57 0.00	61.83 -0.50 0.00	62.80 -0.75 -1.29	62.10 -0.92 -1.81	60.20 -0.96 -1.20	71.35 -1.19 -2.63	68.18 -1.17 -0.59	57.55 -1.05 -0.36	53.93 -0.60 0.22	49.21 -0.74 -0.38	41.92 -0.63 -0.26	37.31 -0.07 -0.19
SOUTH CAIRO___GT 23612	41.28 2.81 0.00	38.26 2.70 0.00	35.71 2.46 0.00	33.69 2.23 0.00	32.48 2.12 0.00	35.25 2.31 0.00	38.00 2.35 0.00	38.78 1.92 0.00	41.45 1.90 0.00	44.53 1.92 0.00	47.84 2.02 0.00	50.45 1.33 0.00	58.58 1.93 0.00	64.64 2.31 0.00	76.90 2.61 -12.03	83.78 2.14 -20.44	69.04 2.82 -6.27	45.66 4.12 28.38	29.82 4.54 43.48	73.54 3.67 -11.64	57.08 3.61 1.28	52.49 2.92 0.00	45.18 2.88 0.00	39.38 2.19 0.00
SOUTH HAMPTN___IC 23720	42.93 4.46 0.00	41.10 4.55 -1.00	40.56 4.06 -3.25	39.83 3.68 -4.70	39.81 3.55 -5.91	40.29 3.92 -3.43	40.57 4.49 -0.42	41.58 4.72 0.00	44.45 4.90 0.00	47.81 5.20 0.00	52.94 7.10 -0.01	132.20 8.10 -74.97	139.21 9.35 -73.21	146.89 10.35 -74.21	231.88 10.34 -159.28	259.43 10.16 -188.07	297.86 9.66 -228.24	276.61 11.18 -195.51	289.56 10.66 -210.15	162.24 9.43 -94.57	140.36 8.05 -77.57	131.71 6.84 -75.30	53.70 5.63 -5.77	41.72 4.54 0.00
SOUTHDOW___115KV_TB1 355954	40.47 2.00 0.00	37.23 1.67 0.00	34.42 1.16 0.00	32.31 0.85 0.00	31.08 0.73 0.00	33.97 1.02 0.00	36.86 1.21 0.00	37.56 0.70 0.00	40.26 0.71 0.00	43.04 0.43 0.00	46.19 0.37 0.00	49.42 0.29 0.00	57.45 0.79 0.00	63.58 1.25 0.00	64.01 -0.19 -1.94	62.94 -0.98 -2.72	60.62 -1.14 -1.80	70.44 -1.96 -2.48	70.36 -1.03 -2.64	59.20 -0.87 -1.84	53.52 -1.42 -0.20	48.94 -0.59 0.03	42.05 -0.25 0.00	38.08 0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	43.39 4.92 0.00	41.46 4.91 -1.00	40.90 4.39 -3.25	40.09 3.93 -4.70	40.08 3.82 -5.91	40.66 4.28 -3.43	41.00 4.92 -0.42	42.10 5.23 0.00	45.12 5.58 0.00	48.58 5.97 0.00	53.95 8.11 -0.01	133.22 9.09 -75.01	140.10 10.20 -73.25	148.23 11.66 -74.25	233.20 11.58 -159.37	260.74 11.38 -188.15	297.90 9.59 -228.34	276.70 11.19 -195.61	289.76 10.73 -210.27	163.46 10.54 -94.68	141.40 8.98 -77.68	132.55 7.63 -75.34	54.21 6.13 -5.77	42.06 4.87 0.00
SOUTHOLD___IC 23719	43.32 4.85 0.00	41.46 4.91 -1.00	40.90 4.39 -3.25	40.12 3.96 -4.70	40.11 3.85 -5.91	40.66 4.28 -3.43	40.96 4.88 -0.42	42.06 5.20 0.00	45.12 5.58 0.00	48.58 5.97 0.00	53.91 8.07 -0.01	133.27 9.13 -75.01	140.44 10.54 -73.25	148.23 11.65 -74.25	233.20 11.58 -159.37	260.80 11.44 -188.15	297.96 9.66 -228.34	276.69 11.18 -195.60	289.59 10.58 -210.25	163.45 10.54 -94.67	141.40 8.98 -77.67	132.54 7.63 -75.34	54.21 6.13 -5.77	42.09 4.91 0.00
SOUTH_FORK_WT_PWR 323839	43.01 4.54 0.00	41.14 4.59 -1.00	40.60 4.09 -3.25	39.83 3.68 -4.70	39.87 3.61 -5.91	40.43 4.05 -3.43	40.71 4.63 -0.42	41.84 4.97 0.00	44.92 5.38 0.00	48.36 5.75 0.00	53.72 7.89 -0.01	133.05 8.94 -74.99	140.14 10.26 -73.23	147.84 11.29 -74.23	232.72 11.14 -159.32	260.32 11.01 -188.11	298.08 9.83 -228.29	276.93 11.47 -195.55	289.75 10.80 -210.19	162.98 10.13 -94.61	140.90 8.54 -77.61	132.08 7.19 -75.32	53.83 5.75 -5.77	41.72 4.54 0.00
SPIERFLS_115KV_TB 1 80737	41.16 2.69 0.00	38.08 2.52 0.00	35.48 2.23 0.00	33.41 1.95 0.00	32.23 1.88 0.00	35.02 2.08 0.00	37.93 2.28 0.00	39.22 2.36 0.00	42.28 2.73 0.00	45.64 3.03 0.00	48.81 2.98 0.00	52.27 3.14 0.00	60.28 3.63 0.00	65.94 3.62 0.00	81.42 3.36 -15.80	85.69 3.24 -21.24	82.83 3.30 -19.57	118.73 4.26 -44.55	169.11 4.95 -95.40	112.62 4.48 -49.89	84.88 4.38 -25.76	53.63 4.06 0.00	45.52 3.22 0.00	39.71 2.53 0.00
ST LAWRENCE____ 23600	37.20 -1.27 0.00	35.03 -1.17 -0.65	33.00 -1.10 -0.84	31.09 -1.07 -0.70	30.01 -0.97 -0.63	31.92 -1.02 0.00	34.62 -1.04 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.29 -1.32 0.00	44.36 -1.47 0.00	47.40 -1.72 0.00	54.50 -2.15 0.00	59.95 -2.37 0.01	59.95 -2.30 0.00	59.00 -2.20 0.00	57.74 -2.22 0.00	59.84 -2.59 7.49	59.95 -2.47 6.34	56.14 -2.09 0.00	51.30 -1.97 1.47	30.31 -1.74 17.52	20.22 -1.48 20.60	20.24 -1.34 15.60
STATE_CA_115KV_115_LB 55624	39.97 1.50 0.00	36.98 1.42 0.00	34.58 1.33 0.00	32.65 1.20 0.00	31.50 1.15 0.00	34.16 1.22 0.00	36.90 1.25 0.00	38.19 1.33 0.00	41.09 1.54 0.00	44.32 1.70 0.00	47.80 1.97 0.00	51.09 1.96 0.00	58.92 2.27 0.00	64.89 2.56 0.00	79.58 2.55 -14.77	84.38 2.45 -20.74	76.13 2.46 -13.71	95.64 3.01 -22.72	119.86 3.03 -48.07	94.16 2.45 -33.48	72.45 2.19 -15.51	51.55 1.98 0.00	44.08 1.78 0.00	38.56 1.38 0.00
STATE_ST_34_KV_LOAD 55959	39.49 0.46 -0.55	36.19 0.36 -0.28	33.31 0.20 0.15	31.55 0.22 0.12	30.42 0.18 0.11	33.15 0.20 0.00	35.97 0.32 0.00	37.12 0.26 0.00	39.98 0.32 -0.11	43.34 0.34 -0.39	46.01 0.18 0.00	49.42 0.29 0.00	57.11 0.45 0.00	63.02 0.69 0.00	64.13 0.50 -1.38	63.57 0.43 -1.94	61.60 0.36 -1.28	75.27 0.56 -4.80	72.17 0.76 -2.66	60.51 0.64 -1.63	57.26 0.77 -1.75	51.99 0.55 -1.87	43.93 0.47 -1.16	38.63 0.56 -0.88

STATION 5_MISC_HYD 23604	38.59 0.12 0.00	35.48 -0.07 0.00	32.99 -0.27 0.00	31.17 -0.28 0.00	30.02 -0.33 0.00	32.65 -0.30 0.00	35.40 -0.25 0.00	36.16 -0.70 0.00	38.79 -0.75 0.00	41.68 -0.94 0.00	44.86 -0.96 0.00	48.04 -1.08 0.00	55.69 -0.96 0.00	61.27 -1.06 0.00	62.27 -1.31 -1.33	61.60 -1.47 -1.86	59.82 -1.38 -1.23	70.00 -2.03 -2.12	66.76 -2.00 0.00	56.55 -1.69 0.00	52.79 -1.15 0.81	48.34 -1.19 0.04	41.33 -0.97 0.00	37.00 -0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.10 0.50 -0.13	35.90 0.25 -0.09	33.29 0.03 0.00	31.52 0.06 0.00	30.35 0.00 0.00	33.01 0.07 0.00	35.83 0.18 0.00	36.83 -0.04 0.00	39.54 -0.04 -0.03	42.58 -0.13 -0.09	45.55 -0.27 0.00	48.88 -0.25 0.00	56.65 0.00 0.00	62.52 0.19 0.00	63.45 -0.12 -1.32	62.69 -0.37 -1.85	60.83 -0.36 -1.23	72.12 -0.49 -2.70	68.98 -0.41 -0.63	58.22 -0.41 -0.39	54.52 -0.05 0.17	49.79 -0.20 -0.41	42.37 -0.21 -0.27	37.73 0.33 -0.21
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.39 -0.08 0.00	35.31 -0.25 0.00	32.79 -0.47 0.00	31.02 -0.44 0.00	29.87 -0.49 0.00	32.48 -0.46 0.00	35.22 -0.43 0.00	36.05 -0.81 0.00	38.68 -0.87 0.00	41.59 -1.02 0.00	44.59 -1.24 0.00	47.85 -1.28 0.00	55.46 -1.19 0.00	61.15 -1.18 0.00	62.14 -1.43 -1.32	61.33 -1.71 -1.85	59.50 -1.68 -1.22	69.82 -2.17 -2.08	66.63 -2.13 0.00	56.43 -1.81 0.00	52.69 -1.26 0.80	48.24 -1.29 0.04	41.20 -1.10 0.00	36.93 -0.26 0.00
STA_56____34_KV_BUS2 355983	38.39 -0.08 0.00	35.31 -0.25 0.00	32.79 -0.47 0.00	31.02 -0.44 0.00	29.87 -0.49 0.00	32.48 -0.46 0.00	35.22 -0.43 0.00	36.05 -0.81 0.00	38.68 -0.87 0.00	41.59 -1.02 0.00	44.59 -1.24 0.00	47.85 -1.28 0.00	55.46 -1.19 0.00	61.15 -1.18 0.00	62.14 -1.43 -1.32	61.33 -1.71 -1.85	59.50 -1.68 -1.22	69.82 -2.17 -2.08	66.63 -2.13 0.00	56.43 -1.81 0.00	52.69 -1.26 0.80	48.24 -1.29 0.04	41.20 -1.10 0.00	36.93 -0.26 0.00
STA_67____115KV_BK2 355882	38.51 0.04 0.00	35.38 -0.18 0.00	32.89 -0.37 0.00	31.11 -0.35 0.00	29.93 -0.42 0.00	32.55 -0.40 0.00	35.30 -0.36 0.00	36.09 -0.77 0.00	38.72 -0.83 0.00	41.59 -1.02 0.00	44.54 -1.28 0.00	47.80 -1.33 0.00	55.41 -1.25 0.00	61.02 -1.31 0.00	62.03 -1.56 -1.33	61.23 -1.84 -1.86	59.33 -1.86 -1.23	69.70 -2.31 -2.10	66.42 -1.68 0.00	56.32 -1.72 0.00	52.62 -1.92 0.81	48.19 -1.31 0.04	41.20 -1.10 0.00	37.00 -0.19 0.00
STA_7____115KV_9TRANS 80674	38.82 0.35 0.00	35.66 0.11 0.00	33.12 -0.13 0.00	31.33 -0.13 0.00	30.14 -0.21 0.00	32.78 -0.16 0.00	35.54 -0.11 0.00	36.35 -0.52 0.00	39.03 -0.51 0.00	41.93 -0.68 0.00	44.96 -0.87 0.00	48.24 -0.88 0.00	55.92 -0.74 0.00	61.58 -1.00 0.00	62.59 -1.29 -1.33	61.78 -1.29 -1.86	59.93 -1.26 -1.23	70.33 -1.68 -2.10	67.04 -1.72 0.00	56.84 -1.40 0.00	53.12 -0.82 0.81	48.64 -0.89 0.04	41.58 -0.72 0.00	37.30 0.11 0.00
STA_82____115KV_TB1 80780	38.51 0.04 0.00	35.41 -0.14 0.00	32.92 -0.33 0.00	31.11 -0.35 0.00	29.96 -0.39 0.00	32.58 -0.36 0.00	35.30 -0.36 0.00	36.09 -0.77 0.00	38.72 -0.83 0.00	41.59 -1.02 0.00	44.54 -1.28 0.00	47.85 -1.28 0.00	55.41 -1.25 0.00	61.02 -1.31 0.00	62.03 -1.56 -1.33	61.24 -1.84 -1.87	59.40 -1.80 -1.24	69.70 -2.31 -2.10	66.49 -2.27 0.00	56.32 -1.92 0.00	52.63 -1.31 0.80	48.19 -1.34 0.04	41.25 -1.06 0.00	37.04 -0.15 0.00
STEEL____WIND 323596	38.78 0.31 0.00	35.66 0.11 0.00	33.05 -0.20 0.00	31.27 -0.19 0.00	30.05 -0.30 0.00	32.71 -0.23 0.00	35.47 -0.18 0.00	35.87 -0.99 0.00	38.48 -1.07 0.00	41.08 -1.53 0.00	44.27 -1.56 0.00	47.36 -1.77 0.00	54.95 -1.70 0.00	60.46 -1.87 0.00	61.08 -2.99 -1.81	60.44 -3.31 -2.55	58.40 -3.24 -1.68	67.71 -4.48 -2.27	67.45 -3.78 -2.48	56.87 -3.09 -1.72	51.57 -3.28 -0.11	47.06 -2.48 0.03	40.53 -1.78 0.00	36.85 -0.34 0.00
STEPHTWN_115KV_BK_2 55603	40.24 1.77 0.00	37.23 1.67 0.00	34.78 1.53 0.00	32.81 1.35 0.00	31.66 1.31 0.00	34.36 1.42 0.00	37.15 1.50 0.00	38.45 1.59 0.00	41.37 1.82 0.00	44.62 2.00 0.00	48.12 2.29 0.00	51.33 2.21 0.00	59.15 2.49 0.00	65.13 2.80 0.00	76.64 2.80 -11.58	84.34 2.63 -20.50	51.45 2.70 11.21	0.33 3.43 73.01	-19.72 3.44 91.92	71.24 2.80 -10.21	50.23 2.57 7.09	51.85 2.28 0.00	44.38 2.07 0.00	38.82 1.64 0.00
STEUBEN_REC_LFGE 323667	40.23 1.58 -0.18	37.00 1.32 -0.13	34.25 1.00 0.00	32.37 0.91 0.00	31.14 0.79 0.00	33.90 0.96 0.00	36.86 1.21 0.00	37.56 0.70 0.00	40.30 0.71 -0.04	43.21 0.47 -0.13	46.10 0.27 0.00	49.47 0.34 0.00	57.22 0.57 0.00	63.20 0.87 0.00	64.68 -0.06 -2.48	64.14 -0.55 -3.49	61.67 -0.60 -2.31	73.13 -1.26 -4.48	72.55 -0.55 -4.34	60.60 -0.58 -2.95	55.41 -0.66 -1.32	49.82 -0.35 -0.59	42.47 -0.21 -0.38	37.99 0.52 -0.29
STILLWATER____SOLAR 323814	41.12 2.65 0.00	38.04 2.49 0.00	35.52 2.26 0.00	33.50 2.04 0.00	32.32 1.97 0.00	35.05 2.11 0.00	37.90 2.25 0.00	39.19 2.32 0.00	42.16 2.61 0.00	45.47 2.86 0.00	48.85 3.02 0.00	52.47 3.34 0.00	60.51 3.85 0.00	66.44 4.11 0.00	82.12 3.99 -15.88	86.19 3.86 -21.13	84.60 3.90 -20.75	123.98 4.82 -49.25	173.88 5.02 -100.10	112.03 4.37 -49.42	84.99 4.11 -26.13	53.33 3.77 0.00	45.35 3.05 0.00	39.72 2.53 0.00
STONY____BROOK 24151	42.47 4.00 0.00	40.78 4.23 -1.00	40.26 3.76 -3.25	39.58 3.43 -4.70	39.57 3.31 -5.91	39.97 3.59 -3.43	40.21 4.13 -0.42	41.17 4.31 0.00	43.62 4.07 0.00	46.83 4.22 0.00	51.62 5.77 -0.02	150.16 6.68 -94.36	158.30 7.65 -94.00	164.70 8.41 -93.96	271.83 8.47 -201.11	302.34 8.39 -232.75	345.74 8.15 -277.63	316.59 9.43 -237.25	340.94 9.01 -263.17	196.38 7.69 -130.45	176.23 6.68 -114.81	151.95 5.70 -96.69	52.17 4.99 -4.88	41.13 3.94 0.00
STURGEON_POOL_HYD 23609	41.51 3.04 0.00	38.40 2.84 0.00	35.81 2.56 0.00	33.79 2.33 0.00	32.57 2.22 0.00	35.35 2.40 0.00	38.36 2.71 0.00	39.74 2.88 0.00	42.63 3.08 0.00	46.02 3.41 0.00	49.91 4.08 0.00	53.89 4.77 0.00	62.32 5.67 0.00	68.56 6.23 0.00	80.74 6.66 -11.82	91.41 6.43 -23.79	96.07 6.42 -29.69	98.24 7.34 -20.98	80.77 7.01 -4.99	75.11 5.59 -11.28	63.60 4.87 -3.98	53.73 4.16 0.00	45.73 3.43 0.00	40.20 3.01 0.00
ST_LAW_115_BK7_LBMP 345037	37.05 -1.42 0.00	35.05 -1.31 -0.81	33.08 -1.23 -1.06	31.18 -1.16 -0.88	30.08 -1.06 -0.79	31.82 -1.12 0.00	34.51 -1.14 0.00	35.72 -1.14 0.00	38.32 -1.23 0.00	41.16 -1.45 0.00	44.22 -1.61 0.00	47.26 -1.87 0.00	54.33 -2.33 0.00	59.76 -2.56 0.01	59.76 -2.49 0.00	58.75 -2.45 0.00	57.56 -2.40 0.00	59.70 -2.80 7.41	59.73 -2.75 6.27	55.97 -2.27 0.00	51.15 -2.14 1.46	30.30 -1.93 17.33	20.28 -1.65 20.37	20.29 -1.45 15.45
ST_LAW_115_BK8_LBMP 345038	37.05 -1.42 0.00	35.05 -1.31 -0.81	33.08 -1.23 -1.06	31.18 -1.16 -0.88	30.08 -1.06 -0.79	31.82 -1.12 0.00	34.51 -1.14 0.00	35.72 -1.14 0.00	38.32 -1.23 0.00	41.16 -1.45 0.00	44.22 -1.61 0.00	47.26 -1.87 0.00	54.33 -2.33 0.00	59.76 -2.56 0.01	59.76 -2.49 0.00	58.75 -2.45 0.00	57.56 -2.40 0.00	59.70 -2.80 7.41	59.73 -2.75 6.27	55.97 -2.27 0.00	51.15 -2.14 1.46	30.30 -1.93 17.33	20.28 -1.65 20.37	20.29 -1.45 15.45

ST_LAW_230_BK5_LBMP 345035	37.20 -1.27 0.00	34.86 -1.17 -0.47	32.77 -1.10 -0.62	30.90 -1.07 -0.52	29.84 -0.97 -0.46	31.92 -1.02 0.00	34.62 -1.04 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.29 -1.32 0.00	44.36 -1.47 0.00	47.40 -1.72 0.00	54.50 -2.15 0.00	59.95 -2.37 0.01	59.95 -2.30 0.00	59.00 -2.20 0.00	57.74 -2.22 0.00	59.76 -2.59 7.57	59.88 -2.47 6.41	56.14 -2.09 0.00	51.29 -1.97 1.49	30.14 -1.74 17.70	20.02 -1.48 20.80	20.08 -1.34 15.77
ST_LAW_230_BK6_LBMP 345036	37.20 -1.27 0.00	34.86 -1.17 -0.47	32.77 -1.10 -0.62	30.90 -1.07 -0.52	29.84 -0.97 -0.46	31.92 -1.02 0.00	34.62 -1.04 0.00	35.83 -1.03 0.00	38.44 -1.11 0.00	41.29 -1.32 0.00	44.36 -1.47 0.00	47.40 -1.72 0.00	54.50 -2.15 0.00	59.95 -2.37 0.01	59.95 -2.30 0.00	59.00 -2.20 0.00	57.74 -2.22 0.00	59.76 -2.59 7.57	59.88 -2.47 6.41	56.14 -2.09 0.00	51.29 -1.97 1.49	30.14 -1.74 17.70	20.02 -1.48 20.80	20.08 -1.34 15.77
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.28 2.81 0.00	38.19 2.63 0.00	35.61 2.36 0.00	33.56 2.11 0.00	32.38 2.03 0.00	35.15 2.21 0.00	38.18 2.53 0.00	39.59 2.73 0.00	42.55 3.01 0.00	45.94 3.32 0.00	49.77 3.94 0.00	53.55 4.42 0.00	61.87 5.21 0.00	68.06 5.73 0.00	79.20 5.85 -11.09	93.94 5.88 -26.87	111.14 5.70 -45.49	118.02 6.50 -41.61	95.78 6.19 -20.83	74.17 5.12 -10.80	64.67 4.32 -5.60	53.44 3.87 0.00	45.60 3.30 0.00	40.05 2.86 0.00
SWANROAD_115KV_TB1 355699	37.51 -0.96 0.00	34.56 -1.00 0.00	32.06 -1.20 0.00	30.32 -1.13 0.00	29.14 -1.21 0.00	31.69 -1.25 0.00	34.30 -1.35 0.00	34.50 -2.36 0.00	36.98 -2.57 0.00	39.46 -3.15 0.00	42.16 -3.67 0.00	45.24 -3.88 0.00	52.46 -4.19 0.00	57.72 -4.61 0.00	58.69 -5.23 -1.66	57.66 -5.88 -2.33	55.69 -5.82 -1.54	64.82 -7.13 -2.04	64.24 -6.74 -2.22	54.19 -5.59 -1.54	49.80 -4.93 0.02	45.27 -4.26 0.04	39.05 -3.26 0.00	35.88 -1.30 0.00
SYNERGY___BIOGAS 323694	39.12 0.65 0.00	35.95 0.39 0.00	33.29 0.03 0.00	31.49 0.03 0.00	30.26 -0.09 0.00	32.94 0.00 0.00	35.76 0.11 0.00	36.27 -0.59 0.00	38.79 -0.75 0.00	41.42 -1.19 0.00	44.68 -1.14 0.00	47.75 -1.38 0.00	55.35 -1.30 0.00	60.90 -1.43 0.00	61.74 -2.05 -1.53	60.97 -2.39 -2.15	59.23 -2.16 -1.42	68.85 -3.14 -2.09	68.06 -2.75 -2.05	57.40 -2.27 -1.43	52.73 -1.92 0.10	47.90 -1.63 0.04	41.08 -1.23 0.00	37.26 0.07 0.00
SYRACUSE___ENERGY_ST1 323597	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.51 -0.14 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.78 -0.34 0.00	56.31 -0.34 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.36 -0.37 -1.53	60.55 -0.42 -1.01	74.28 -0.42 -4.79	71.51 -0.34 -3.09	59.84 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.57 -0.08 -1.35	38.40 0.19 -1.03
SYRACUSE___ENERGY_ST2 323598	39.08 -0.04 -0.65	35.77 -0.11 -0.33	32.91 -0.17 0.18	31.15 -0.16 0.15	30.04 -0.18 0.13	32.75 -0.20 -0.01	35.51 -0.14 0.00	36.68 -0.18 0.00	39.48 -0.20 -0.13	42.89 -0.17 -0.45	45.46 -0.37 0.00	48.78 -0.34 0.00	56.31 -0.34 0.00	62.14 -0.19 0.00	63.03 -0.31 -1.09	62.36 -0.37 -1.53	60.55 -0.42 -1.01	74.28 -0.42 -4.79	71.51 -0.34 -3.09	59.84 -0.29 -1.90	56.89 -0.05 -2.20	51.61 -0.15 -2.19	43.57 -0.08 -1.35	38.40 0.19 -1.03
SYRACUSE___POWER 24017	38.76 -0.15 -0.44	35.51 -0.21 -0.17	32.83 -0.23 0.19	31.08 -0.22 0.16	29.96 -0.24 0.14	32.68 -0.26 0.00	35.44 -0.21 0.00	36.60 -0.26 0.00	39.40 -0.24 -0.09	42.71 -0.21 -0.31	45.46 -0.37 0.00	48.78 -0.34 0.00	56.37 -0.28 0.00	62.20 -0.12 0.00	63.02 -0.25 -1.01	62.32 -0.31 -1.42	60.54 -0.36 -0.94	73.24 -0.35 -3.68	70.59 -0.28 -2.11	59.24 -0.29 -1.29	55.91 -0.05 -1.22	50.85 -0.20 -1.48	43.09 -0.13 -0.92	37.89 0.00 -0.70
TALLMAN___138KV_BK151 55660	41.66 3.19 0.00	38.54 2.99 0.00	35.88 2.63 0.00	33.82 2.36 0.00	32.63 2.28 0.00	35.41 2.47 0.00	38.54 2.89 0.00	40.03 3.17 0.00	43.03 3.48 0.00	46.49 3.88 0.00	50.41 4.58 0.00	54.33 5.21 0.00	62.66 6.01 0.00	68.94 6.61 0.00	80.47 6.79 -11.42	96.29 6.79 -28.29	115.27 6.54 -48.78	121.60 7.48 -44.21	97.66 7.08 -21.82	75.24 5.82 -11.17	65.49 4.93 -5.82	53.98 4.41 0.00	46.07 3.76 0.00	40.50 3.31 0.00
TEALLAVE_115KV_TB7 355573	38.71 -0.12 -0.36	35.47 -0.18 -0.09	32.84 -0.20 0.22	31.12 -0.16 0.18	30.01 -0.18 0.16	32.75 -0.20 0.00	35.47 -0.18 0.00	36.64 -0.22 0.00	39.42 -0.20 -0.07	42.69 -0.17 -0.25	45.51 -0.32 0.00	48.83 -0.29 0.00	56.43 -0.23 0.00	62.20 -0.12 0.00	62.95 -0.25 -0.95	62.16 -0.37 -1.33	60.48 -0.36 -0.88	72.67 -0.42 -3.17	70.12 -0.34 -1.70	58.99 -0.29 -1.05	55.56 -0.05 -0.86	50.56 -0.20 -1.19	42.88 -0.17 -0.74	37.75 0.00 -0.57
TELGRAPH_34_KV_EAST 80808	38.43 -0.04 0.00	35.34 -0.21 0.00	32.75 -0.50 0.00	30.99 -0.47 0.00	29.77 -0.58 0.00	32.42 -0.53 0.00	35.12 -0.53 0.00	35.54 -1.33 0.00	38.08 -1.46 0.00	40.61 -2.00 0.00	43.44 -2.38 0.00	46.62 -2.51 0.00	54.05 -2.61 0.00	59.52 -2.80 0.00	60.41 -3.42 -1.58	59.38 -4.04 -2.22	57.47 -3.96 -1.47	67.01 -4.96 -2.06	66.25 -4.61 -2.09	55.91 -3.79 -1.46	51.39 -3.28 0.07	46.71 -2.83 0.04	40.19 -2.12 0.00	36.81 -0.37 0.00
TEMPLE___115KV_TB 2 55572	38.71 -0.12 -0.36	35.51 -0.14 -0.09	32.88 -0.17 0.21	31.12 -0.16 0.18	30.01 -0.18 0.16	32.75 -0.20 0.00	35.47 -0.18 0.00	36.64 -0.22 0.00	39.42 -0.20 -0.07	42.73 -0.13 -0.25	45.55 -0.27 0.00	48.88 -0.25 0.00	56.43 -0.23 0.00	62.27 -0.06 0.00	63.02 -0.19 -0.96	62.24 -0.31 -1.34	60.55 -0.30 -0.89	72.75 -0.35 -3.19	70.19 -0.28 -1.71	58.99 -0.29 -1.05	55.55 -0.05 -0.86	50.61 -0.15 -1.19	42.92 -0.13 -0.74	37.75 0.00 -0.57
TIANA___69_KV_BK 1 55817	42.93 4.46 0.00	41.07 4.52 -1.00	40.53 4.02 -3.25	39.74 3.59 -4.70	39.75 3.49 -5.91	40.23 3.85 -3.43	40.50 4.42 -0.42	41.54 4.68 0.00	44.33 4.79 0.00	47.64 5.03 0.00	52.76 6.92 -0.01	131.89 7.76 -75.00	138.68 8.78 -73.24	146.61 10.04 -74.24	231.63 10.02 -159.35	259.19 9.85 -188.14	297.70 9.41 -228.32	276.48 10.98 -195.59	289.67 10.66 -210.25	162.10 9.20 -94.66	140.29 7.88 -77.66	131.60 6.69 -75.34	53.61 5.54 -5.77	41.57 4.39 0.00
TILDEN___115KV_TB1 80814	38.76 -0.15 -0.44	35.51 -0.21 -0.17	32.83 -0.23 0.19	31.08 -0.22 0.16	29.96 -0.24 0.14	32.68 -0.26 0.00	35.44 -0.21 0.00	36.60 -0.26 0.00	39.40 -0.24 -0.09	42.71 -0.21 -0.31	45.46 -0.37 0.00	48.78 -0.34 0.00	56.37 -0.28 0.00	62.20 -0.12 0.00	63.02 -0.25 -1.01	62.32 -0.31 -1.42	60.54 -0.36 -0.94	73.24 -0.35 -3.68	70.59 -0.28 -2.11	59.24 -0.29 -1.29	55.91 -0.05 -1.22	50.85 -0.20 -1.48	43.09 -0.13 -0.92	37.89 0.00 -0.70
TRIGEN___CC 323695	42.24 3.77 0.00	40.25 3.70 -1.00	39.80 3.29 -3.25	39.11 2.96 -4.70	39.11 2.85 -5.91	39.50 3.13 -3.43	39.71 3.64 -0.42	40.77 3.91 0.00	43.62 4.07 0.00	47.00 4.39 0.00	51.37 5.55 0.00	62.11 6.29 -6.69	63.73 7.08 0.00	75.06 7.98 -4.75	82.25 8.03 -11.96	99.77 7.89 -30.68	121.97 7.67 -54.33	127.26 8.81 -48.54	100.63 8.46 -23.41	82.67 6.99 -17.45	69.93 6.02 -9.16	54.87 5.30 0.00	46.87 4.57 0.00	41.13 3.94 0.00

TRINITY__115KV__4 BK 55933	39.74 1.27 0.00	36.76 1.21 0.00	34.42 1.16 0.00	32.50 1.04 0.00	31.35 1.00 0.00	34.00 1.05 0.00	36.69 1.03 0.00	38.01 1.14 0.00	40.85 1.31 0.00	44.06 1.45 0.00	47.52 1.70 0.00	50.79 1.67 0.00	58.52 1.87 0.00	64.51 2.18 0.00	78.13 2.24 -13.64	83.85 2.08 -20.57	67.36 2.10 -5.31	63.06 2.59 9.44	68.96 2.61 2.41	83.51 2.10 -23.18	63.44 1.92 -6.78	51.25 1.69 0.00	43.83 1.52 0.00	38.34 1.15 0.00
UNION__PROCESSING_DRP 323587	38.51 0.04 0.00	35.41 -0.14 0.00	32.92 -0.33 0.00	31.14 -0.31 0.00	29.96 -0.39 0.00	32.58 -0.36 0.00	35.33 -0.32 0.00	36.09 -0.77 0.00	38.72 -0.83 0.00	41.59 -1.02 0.00	44.59 -1.24 0.00	47.85 -1.28 0.00	55.41 -1.25 0.00	61.02 -1.31 0.00	62.10 -1.49 -1.33	61.24 -1.84 -1.87	59.40 -1.80 -1.24	69.77 -2.24 -2.10	66.49 -2.27 0.00	56.37 -1.86 0.00	52.64 -1.31 0.80	48.24 -1.29 0.04	41.25 -1.06 0.00	37.04 -0.15 0.00
UPPER HUDSON__HYD 24058	41.16 2.69 0.00	38.08 2.52 0.00	35.48 2.23 0.00	33.41 1.95 0.00	32.23 1.88 0.00	35.02 2.08 0.00	37.94 2.28 0.00	39.22 2.36 0.00	42.27 2.73 0.00	45.64 3.03 0.00	48.80 2.98 0.00	52.32 3.19 0.00	60.33 3.68 0.00	65.94 3.61 0.00	81.42 3.36 -15.80	85.68 3.24 -21.24	82.82 3.30 -19.57	118.72 4.27 -44.54	169.09 4.95 -95.38	112.60 4.48 -49.88	84.88 4.38 -25.75	53.63 4.07 0.00	45.52 3.21 0.00	39.75 2.56 0.00
UPPER RAQUET__HYD 24056	36.28 -2.31 -0.12	27.57 -2.17 5.81	23.52 -2.06 7.68	23.08 -1.95 6.43	22.82 -1.79 5.74	31.00 -1.94 0.00	33.76 -1.89 0.00	35.02 -1.84 0.00	37.60 -1.98 -0.03	40.36 -2.34 -0.09	43.22 -2.61 0.00	45.93 -3.19 0.00	52.74 -3.91 0.00	57.96 -4.36 0.01	58.02 -4.24 0.00	57.04 -4.16 0.00	55.88 -4.08 0.00	59.99 -4.62 5.31	59.81 -4.54 4.41	54.87 -3.73 -0.36	50.61 -3.39 0.75	33.17 -3.03 13.38	23.64 -2.71 15.95	22.82 -2.27 12.09
VALLEY44_115KV_TB2 355964	38.70 0.23 0.00	35.80 0.25 0.00	33.25 0.00 0.00	31.43 -0.03 0.00	30.20 -0.15 0.00	32.91 -0.03 0.00	35.76 0.11 0.00	36.31 -0.55 0.00	38.72 -0.83 0.00	41.42 -1.19 0.00	44.36 -1.47 0.00	47.65 -1.47 0.00	55.29 -1.36 0.00	61.08 -1.25 0.00	61.11 -3.18 -2.03	60.25 -3.79 -2.85	58.06 -3.78 -1.88	67.94 -4.61 -2.65	68.44 -3.09 -2.77	57.78 -2.39 -1.93	51.46 -3.56 -0.27	47.46 -2.08 0.03	40.82 -1.48 0.00	37.00 -0.19 0.00
VALLEY__115KV_TB 1-4 80826	39.43 0.96 0.00	36.32 0.89 0.12	33.86 0.76 0.16	32.08 0.75 0.14	30.96 0.73 0.12	33.73 0.79 0.00	36.54 0.89 0.00	37.86 1.00 0.00	40.62 1.07 0.00	43.89 1.28 0.00	47.20 1.37 0.00	50.35 1.23 0.00	58.07 1.42 0.00	63.89 1.56 0.00	63.69 1.43 0.00	62.42 1.22 0.00	61.16 1.20 0.00	71.82 1.54 -0.37	70.38 1.31 -0.31	59.34 1.11 0.00	55.75 0.93 -0.07	51.37 0.94 -0.86	44.07 0.76 -1.01	38.58 0.63 -0.77
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.93 2.35 -0.12	37.81 2.17 -0.08	35.25 2.00 0.00	33.41 1.95 0.00	32.20 1.85 0.00	34.95 2.01 0.00	37.90 2.25 0.00	39.26 2.40 0.00	42.18 2.61 -0.02	45.76 3.07 -0.07	49.13 3.30 0.00	52.22 3.09 0.00	60.28 3.63 0.00	66.32 3.99 0.00	71.07 3.86 -4.96	72.79 3.73 -7.86	70.89 3.66 -7.27	83.95 4.33 -9.71	86.54 4.19 -13.58	71.32 3.67 -9.41	62.74 3.39 -4.60	53.24 3.27 -0.39	45.21 2.67 -0.24	39.68 2.31 -0.19
VISCHER__FERRY HYD 24020	40.43 1.96 0.00	37.44 1.88 0.00	35.01 1.76 0.00	33.06 1.60 0.00	31.90 1.55 0.00	34.59 1.65 0.00	37.33 1.68 0.00	38.67 1.81 0.00	41.52 1.98 0.00	44.74 2.13 0.00	48.21 2.38 0.00	51.82 2.70 0.00	59.77 3.11 0.00	65.82 3.49 0.00	81.88 3.48 -16.14	86.25 3.30 -21.75	90.69 3.36 -27.38	140.19 4.05 -66.23	187.69 4.13 -114.81	109.12 3.44 -47.45	85.14 3.23 -27.17	52.39 2.82 0.00	44.63 2.33 0.00	39.12 1.93 0.00
V_A_10_SYNC_DSASP 323832	37.82 -0.65 0.00	34.81 -0.75 0.00	32.36 -0.90 0.00	30.61 -0.85 0.00	29.41 -0.94 0.00	31.99 -0.96 0.00	34.69 -0.96 0.00	35.13 -1.73 0.00	37.65 -1.90 0.00	40.31 -2.30 0.00	43.35 -2.48 0.00	46.37 -2.75 0.00	53.70 -2.95 0.00	58.96 -3.37 0.00	60.13 -3.61 -1.49	59.44 -3.85 -2.09	57.62 -3.72 -1.38	67.61 -4.90 -2.60	63.88 -4.88 0.00	54.22 -4.02 0.00	50.60 -3.34 0.80	46.46 -3.07 0.04	39.94 -2.37 0.00	36.15 -1.04 0.00
V_CMM_10_SYNC_DSASP 323787	37.24 -1.23 0.00	35.23 -1.14 -0.81	33.24 -1.07 -1.06	31.33 -1.01 -0.88	30.23 -0.91 -0.79	31.99 -0.96 0.00	34.65 -1.00 0.00	35.90 -0.96 0.00	38.52 -1.03 0.00	41.34 -1.28 0.00	44.41 -1.42 0.00	47.45 -1.67 0.00	54.50 -2.15 0.00	59.95 -2.37 0.01	59.95 -2.30 0.00	58.94 -2.26 0.00	57.74 -2.22 0.00	59.99 -2.51 7.41	60.01 -2.47 6.27	56.14 -2.09 0.00	51.37 -1.92 1.46	30.50 -1.74 17.33	20.45 -1.48 20.37	20.40 -1.34 15.45
V_CMP_10_SYNC_DSASP 323788	37.89 -0.58 0.00	35.09 -0.46 0.00	32.79 -0.47 0.00	31.05 -0.41 0.00	30.11 -0.24 0.00	33.14 0.20 0.00	36.44 0.78 0.00	37.71 0.85 0.00	40.57 1.03 0.00	43.25 0.64 0.00	46.42 0.59 0.00	48.39 -0.74 0.00	54.84 -1.82 0.00	60.27 -2.06 0.01	60.14 -2.12 0.00	59.00 -2.20 0.00	57.50 -2.46 0.00	59.67 -2.93 7.31	59.62 -2.95 6.19	56.20 -2.04 0.00	51.34 -1.97 1.44	31.14 -1.34 17.10	21.20 -1.02 20.09	20.91 -1.04 15.23
V_D_10_SYNC_DSASP 323841	37.12 -1.35 0.00	35.64 -1.25 -1.33	33.83 -1.16 -1.74	31.78 -1.13 -1.45	30.65 -1.00 -1.30	31.86 -1.09 0.00	34.58 -1.07 0.00	35.79 -1.07 0.00	38.40 -1.15 0.00	41.16 -1.45 0.00	44.22 -1.61 0.00	47.21 -1.92 0.00	54.22 -2.43 0.00	59.64 -2.68 0.01	59.64 -2.61 0.00	58.63 -2.57 0.00	57.44 -2.52 0.00	59.87 -2.87 7.17	59.87 -2.82 6.07	55.91 -2.33 0.00	51.20 -2.14 1.41	30.87 -1.93 16.77	20.90 -1.69 19.71	20.87 -1.38 14.94
V_E_10_SYNC_DSASP 323830	42.55 3.81 -0.27	39.16 3.41 -0.19	36.11 2.86 0.00	34.29 2.83 0.00	33.02 2.67 0.00	35.91 2.97 0.00	39.25 3.60 0.00	42.50 5.64 0.00	45.44 5.85 -0.04	49.56 6.82 -0.13	52.75 6.92 0.00	54.92 5.79 0.00	63.45 6.80 0.00	69.68 7.35 0.00	73.36 6.79 -4.32	74.58 6.55 -6.83	73.06 6.83 -6.27	82.19 5.60 -6.68	82.63 5.78 -8.09	69.01 5.24 -5.53	62.58 4.87 -2.96	55.23 4.76 -0.90	46.59 3.72 -0.56	40.74 3.12 -0.43
V_F_30_NSYNC__DSASP 323816	41.20 2.73 0.00	38.12 2.56 0.00	35.58 2.33 0.00	33.57 2.11 0.00	32.35 2.00 0.00	35.12 2.17 0.00	37.97 2.32 0.00	39.26 2.39 0.00	42.24 2.69 0.00	45.55 2.94 0.00	48.95 3.12 0.00	52.56 3.44 0.00	60.62 3.96 0.00	66.57 4.24 0.00	82.14 4.04 -15.84	86.36 3.98 -21.18	84.14 3.96 -20.22	121.94 4.89 -47.14	171.83 5.09 -97.99	112.35 4.48 -49.62	84.92 4.22 -25.96	53.44 3.87 0.00	45.43 3.13 0.00	39.79 2.60 0.00
V_F_30_SYNC_DSASP 323786	39.97 1.50 0.00	36.98 1.42 0.00	34.58 1.33 0.00	32.65 1.20 0.00	31.50 1.15 0.00	34.16 1.22 0.00	36.90 1.25 0.00	38.19 1.33 0.00	41.09 1.54 0.00	44.32 1.70 0.00	47.80 1.97 0.00	51.09 1.96 0.00	58.92 2.27 0.00	64.89 2.56 0.00	79.57 2.55 -14.76	84.37 2.45 -20.72	76.12 2.46 -13.70	95.62 3.01 -22.70	119.36 3.03 -47.58	93.82 2.45 -33.13	72.29 2.19 -15.35	51.55 1.98 0.00	44.08 1.78 0.00	38.56 1.38 0.00

V_XM10_SYNC_DSASP 323789	37.89 -0.58 0.00	35.09 -0.46 0.00	32.79 -0.47 0.00	31.05 -0.41 0.00	30.11 -0.24 0.00	33.14 0.20 0.00	36.44 0.78 0.00	37.71 0.85 0.00	40.57 1.03 0.00	43.25 0.64 0.00	46.42 0.59 0.00	48.39 -0.74 0.00	54.84 -1.82 0.00	60.27 -2.06 0.01	60.14 -2.12 0.00	59.00 -2.20 0.00	57.50 -2.46 0.00	59.67 -2.93 7.31	59.62 -2.95 6.19	56.20 -2.04 0.00	51.34 -1.97 1.44	31.14 -1.34 17.10	21.20 -1.02 20.09	20.91 -1.04 15.23
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.78 3.31 0.00	38.68 3.13 0.00	36.01 2.76 0.00	33.94 2.49 0.00	32.72 2.37 0.00	35.51 2.57 0.00	38.68 3.03 0.00	40.14 3.28 0.00	43.15 3.60 0.00	46.62 4.01 0.00	50.50 4.67 0.00	54.43 5.31 0.00	62.83 6.18 0.00	69.19 6.86 0.00	80.73 6.97 -11.50	96.81 6.98 -28.63	116.25 6.72 -49.58	122.44 7.69 -44.83	98.17 7.36 -22.05	75.55 6.06 -11.26	65.71 5.09 -5.87	54.13 4.56 0.00	46.20 3.89 0.00	40.61 3.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.12 3.65 0.00	38.97 3.41 0.00	36.25 2.99 0.00	34.10 2.64 0.00	32.93 2.58 0.00	35.74 2.80 0.00	39.04 3.39 0.00	40.66 3.80 0.00	43.74 4.19 0.00	47.26 4.64 0.00	51.24 5.41 0.00	56.93 6.09 -1.71	63.56 6.91 0.00	69.87 7.54 0.00	81.94 7.72 -11.97	99.66 7.77 -30.69	121.68 7.37 -54.35	126.86 8.39 -48.56	100.16 7.98 -23.42	76.48 6.46 -11.78	66.46 5.53 -6.18	54.53 4.96 0.00	46.62 4.31 0.00	41.05 3.87 0.00
W50THST__13_KV_LOAD 356117	42.36 3.89 0.00	39.22 3.66 0.00	36.45 3.19 0.00	34.29 2.83 0.00	33.11 2.76 0.00	35.97 3.03 0.00	39.32 3.67 0.00	40.95 4.09 0.00	44.06 4.51 0.00	47.64 5.03 0.00	51.65 5.82 0.00	57.37 6.53 -1.71	64.07 7.42 0.00	70.49 8.17 0.00	82.57 8.34 -11.97	100.21 8.32 -30.69	122.28 7.97 -54.35	127.49 9.02 -48.56	100.71 8.53 -23.42	76.95 6.93 -11.78	66.84 5.91 -6.18	54.87 5.30 0.00	46.91 4.61 0.00	41.28 4.09 0.00
WADING RIVER_IC_1 23522	42.28 3.81 0.00	40.53 3.98 -1.00	40.03 3.52 -3.25	39.33 3.18 -4.70	39.32 3.06 -5.91	39.74 3.36 -3.43	39.96 3.89 -0.42	40.95 4.09 0.00	43.62 4.07 0.00	46.87 4.26 0.00	51.75 5.91 -0.01	130.70 6.78 -74.79	137.49 7.82 -73.02	145.02 8.66 -74.03	229.87 8.72 -158.90	257.49 8.63 -187.65	296.03 8.28 -227.79	274.69 9.65 -195.13	287.63 9.22 -209.66	160.38 8.04 -94.10	138.69 6.90 -77.05	130.52 5.85 -75.11	52.92 4.86 -5.76	41.05 3.87 0.00
WADING RIVER_IC_2 23547	42.28 3.81 0.00	40.53 3.98 -1.00	40.03 3.52 -3.25	39.33 3.18 -4.70	39.32 3.06 -5.91	39.74 3.36 -3.43	39.96 3.89 -0.42	40.95 4.09 0.00	43.62 4.07 0.00	46.87 4.26 0.00	51.75 5.91 -0.01	130.70 6.78 -74.79	137.49 7.82 -73.02	145.02 8.66 -74.03	229.87 8.72 -158.90	257.49 8.63 -187.65	296.03 8.28 -227.79	274.69 9.65 -195.13	287.63 9.22 -209.66	160.38 8.04 -94.10	138.69 6.90 -77.05	130.52 5.85 -75.11	52.92 4.86 -5.76	41.05 3.87 0.00
WADING RIVER_IC_3 23601	42.28 3.81 0.00	40.53 3.98 -1.00	40.03 3.52 -3.25	39.33 3.18 -4.70	39.32 3.06 -5.91	39.74 3.36 -3.43	39.96 3.89 -0.42	40.95 4.09 0.00	43.62 4.07 0.00	46.87 4.26 0.00	51.75 5.91 -0.01	130.70 6.78 -74.79	137.49 7.82 -73.02	145.02 8.66 -74.03	229.87 8.72 -158.90	257.49 8.63 -187.65	296.03 8.28 -227.79	274.69 9.65 -195.13	287.63 9.22 -209.66	160.38 8.04 -94.10	138.69 6.90 -77.05	130.52 5.85 -75.11	52.92 4.86 -5.76	41.05 3.87 0.00
WALDENNY_12_KV_BK2 80841	38.78 0.31 0.00	35.66 0.11 0.00	33.05 -0.20 0.00	31.27 -0.19 0.00	30.02 -0.33 0.00	32.71 -0.23 0.00	35.44 -0.21 0.00	35.87 -1.00 0.00	38.48 -1.07 0.00	41.08 -1.53 0.00	44.04 -1.79 0.00	47.31 -1.82 0.00	54.90 -1.76 0.00	60.58 -1.75 0.00	61.25 -2.80 -1.80	60.30 -3.43 -2.52	58.09 -3.54 -1.67	67.60 -4.54 -2.23	67.33 -3.85 -2.42	56.72 -3.20 -1.69	51.66 -3.18 -0.08	47.06 -2.48 0.03	40.53 -1.78 0.00	37.04 -0.15 0.00
WALDEN__HYDRO 24148	41.55 3.08 0.00	38.43 2.88 0.00	35.81 2.56 0.00	33.79 2.33 0.00	32.57 2.22 0.00	35.35 2.40 0.00	38.40 2.75 0.00	39.77 2.91 0.00	42.67 3.12 0.00	46.06 3.45 0.00	49.91 4.08 0.00	53.74 4.62 0.00	62.09 5.44 0.00	68.38 6.05 0.00	79.99 6.23 -11.51	94.68 6.24 -27.23	110.88 6.06 -44.87	117.76 6.99 -40.85	95.70 6.67 -20.27	74.96 5.53 -11.19	65.11 4.71 -5.65	53.73 4.16 0.00	45.81 3.51 0.00	40.24 3.05 0.00
WARRENSBURG____ 23737	41.16 2.69 0.00	38.08 2.52 0.00	35.48 2.23 0.00	33.41 1.95 0.00	32.23 1.88 0.00	35.02 2.08 0.00	37.94 2.28 0.00	39.22 2.36 0.00	42.27 2.73 0.00	45.64 3.03 0.00	48.80 2.98 0.00	52.32 3.19 0.00	60.33 3.68 0.00	65.94 3.61 0.00	81.42 3.36 -15.80	85.68 3.24 -21.24	82.82 3.30 -19.57	118.72 4.27 -44.54	169.09 4.95 -95.38	112.60 4.48 -49.88	84.88 4.38 -25.75	53.63 4.07 0.00	45.52 3.21 0.00	39.75 2.56 0.00
WATERSIDE____6 8 9 23538	42.28 3.81 0.00	39.11 3.56 0.00	36.34 3.09 0.00	34.19 2.74 0.00	32.99 2.64 0.00	35.78 2.83 0.00	39.07 3.42 0.00	40.70 3.83 0.00	43.78 4.23 0.00	47.22 4.60 0.00	51.23 5.41 0.01	53.72 5.99 1.39	61.61 6.63 1.67	69.30 6.98 0.01	81.44 7.22 -11.96	99.11 7.22 -30.69	121.08 6.78 -54.35	126.15 7.69 -48.55	99.53 7.36 -23.41	75.95 5.94 -11.77	67.13 5.15 -7.24	54.32 4.76 0.01	46.70 4.40 0.00	40.76 4.05 0.48
WATKINRD_115KV_LN8_ILLION 55919	39.20 0.73 0.00	36.11 0.68 0.12	33.69 0.60 0.16	31.92 0.60 0.14	30.81 0.58 0.12	33.57 0.63 0.00	36.33 0.68 0.00	37.60 0.74 0.00	40.34 0.79 0.00	43.55 0.94 0.00	46.84 1.01 0.00	50.06 0.93 0.00	57.79 1.13 0.00	63.58 1.25 0.00	63.44 1.18 0.00	62.24 1.04 0.00	61.04 1.08 0.00	71.61 1.33 -0.37	70.31 1.24 -0.31	59.29 1.05 0.00	55.75 0.93 -0.07	51.32 0.89 -0.86	44.03 0.72 -1.01	38.55 0.59 -0.77
WATSON__69_KV_BK 1 55734	43.09 4.62 0.00	41.24 4.69 -1.00	40.70 4.19 -3.25	39.93 3.77 -4.70	39.90 3.64 -5.91	40.36 3.99 -3.43	40.68 4.60 -0.42	41.69 4.83 0.00	44.37 4.82 0.00	47.73 5.11 0.00	52.57 6.74 -0.01	97.65 7.42 -41.11	101.94 8.38 -36.90	111.65 9.60 -39.73	158.06 9.59 -86.21	180.63 9.42 -110.00	211.18 9.23 -141.98	203.30 9.23 -122.62	196.82 10.52 -117.54	123.92 8.85 -56.83	106.69 7.66 -44.28	94.12 6.59 -37.95	58.49 5.63 -10.56	41.80 4.61 0.00
WDELAWARE__HYD 323627	41.24 2.77 0.00	38.15 2.59 0.00	35.55 2.29 0.00	33.53 2.08 0.00	32.32 1.97 0.00	35.08 2.14 0.00	38.08 2.43 0.00	39.37 2.51 0.00	42.24 2.69 0.00	45.59 2.98 0.00	49.31 3.48 0.00	53.10 3.98 0.00	61.47 4.81 0.00	67.57 5.24 0.00	78.33 5.41 -10.66	90.01 5.57 -23.24	100.26 5.51 -34.78	107.33 6.43 -30.99	89.70 6.12 -14.82	73.74 5.18 -10.32	63.85 4.32 -4.78	53.39 3.82 0.00	45.48 3.17 0.00	39.94 2.75 0.00
WEST BABYLON__IC 23714	42.86 4.39 0.00	41.00 4.44 -1.00	40.46 3.96 -3.25	39.71 3.55 -4.70	39.69 3.43 -5.91	40.13 3.76 -3.43	40.43 4.35 -0.42	41.43 4.57 0.00	44.13 4.59 0.00	47.47 4.86 0.00	52.15 6.32 0.00	71.23 7.02 -15.08	73.63 7.99 -8.99	84.66 9.10 -13.23	101.47 9.15 -30.06	120.21 9.00 -50.01	144.47 8.81 -75.69	146.79 10.28 -66.60	125.15 10.04 -46.35	91.55 8.44 -24.87	76.97 7.28 -14.94	65.06 6.25 -9.25	52.27 5.33 -4.63	41.65 4.46 0.00

WEST CANADA___HYD 24049	38.85 0.38 0.00	35.82 0.39 0.12	33.46 0.37 0.16	31.67 0.35 0.14	30.56 0.33 0.12	33.27 0.33 0.00	36.01 0.36 0.00	37.27 0.41 0.00	39.98 0.44 0.00	43.13 0.51 0.00	46.42 0.59 0.00	49.72 0.59 0.00	57.39 0.73 0.00	63.14 0.81 0.00	63.01 0.75 0.00	61.94 0.74 0.00	60.68 0.72 0.00	71.12 0.84 -0.37	69.90 0.83 -0.31	58.94 0.70 0.00	55.48 0.66 -0.07	51.03 0.60 -0.86	43.82 0.51 -1.01	38.40 0.45 -0.77
WESTERN_NY_WIND 24143	39.09 0.62 0.00	35.87 0.32 0.00	33.25 0.00 0.00	31.46 0.00 0.00	30.23 -0.12 0.00	32.91 -0.03 0.00	35.69 0.04 0.00	36.20 -0.66 0.00	38.76 -0.79 0.00	41.33 -1.28 0.00	44.27 -1.56 0.00	47.50 -1.62 0.00	55.12 -1.53 0.00	60.77 -1.56 0.00	61.57 -2.24 -1.55	60.63 -2.75 -2.18	58.70 -2.70 -1.44	68.55 -3.43 -2.07	67.78 -3.03 -2.05	57.16 -2.50 -1.43	52.63 -2.03 0.09	47.80 -1.73 0.04	40.99 -1.31 0.00	37.41 0.22 0.00
WESTOVER___LESR 323668	39.81 1.08 -0.26	36.67 0.92 -0.19	34.05 0.80 0.00	32.24 0.79 0.00	31.05 0.70 0.00	33.74 0.79 0.00	36.58 0.93 0.00	37.67 0.81 0.00	40.47 0.87 -0.05	43.77 0.98 -0.18	46.79 0.96 0.00	50.16 1.03 0.00	58.01 1.36 0.00	63.95 1.62 0.00	67.19 1.25 -3.69	68.10 1.10 -5.80	66.25 1.02 -5.28	78.94 1.12 -7.91	76.95 1.38 -6.82	64.11 1.22 -4.64	58.28 1.04 -2.49	51.48 1.04 -0.87	43.74 0.89 -0.54	38.60 1.00 -0.41
WETHRSFD_WT_PWR 323626	38.82 0.35 0.00	35.77 0.21 0.00	33.19 -0.07 0.00	31.39 -0.06 0.00	30.17 -0.18 0.00	32.85 -0.10 0.00	35.62 -0.04 0.00	36.13 -0.74 0.00	38.76 -0.79 0.00	41.42 -1.19 0.00	44.59 -1.24 0.00	47.75 -1.38 0.00	55.29 -1.36 0.00	60.83 -1.50 0.00	61.95 -2.37 -2.06	61.41 -2.69 -2.90	59.24 -2.64 -1.92	68.97 -3.71 -2.77	68.60 -3.02 -2.86	57.73 -2.50 -1.99	52.55 -2.52 -0.32	47.56 -1.98 0.03	40.86 -1.44 0.00	36.89 -0.30 0.00
WHAVSTOR_138KV_BK127 55557	41.62 3.15 0.00	38.51 2.95 0.00	35.85 2.59 0.00	33.79 2.33 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.50 2.85 0.00	40.00 3.13 0.00	42.99 3.44 0.00	46.45 3.84 0.00	50.32 4.49 0.00	54.23 5.11 0.00	62.55 5.89 0.00	68.87 6.54 0.00	80.43 6.66 -11.51	96.57 6.67 -28.70	116.11 6.42 -49.74	122.21 7.34 -44.96	97.80 6.94 -22.09	75.28 5.77 -11.27	65.50 4.87 -5.88	53.93 4.36 0.00	46.03 3.72 0.00	40.46 3.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.62 3.15 0.00	38.51 2.95 0.00	35.85 2.59 0.00	33.79 2.33 0.00	32.60 2.25 0.00	35.38 2.44 0.00	38.50 2.85 0.00	40.00 3.13 0.00	42.99 3.44 0.00	46.45 3.84 0.00	50.32 4.49 0.00	54.23 5.11 0.00	62.55 5.89 0.00	68.87 6.54 0.00	80.43 6.66 -11.51	96.57 6.67 -28.70	116.11 6.42 -49.74	122.21 7.34 -44.96	97.80 6.94 -22.09	75.28 5.77 -11.27	65.50 4.87 -5.88	53.93 4.36 0.00	46.03 3.72 0.00	40.46 3.27 0.00
WHITEHAL_115KV_TB1 80871	42.36 3.89 0.00	39.15 3.59 0.00	36.41 3.16 0.00	34.26 2.80 0.00	33.05 2.70 0.00	35.94 3.00 0.00	38.97 3.32 0.00	40.22 3.35 0.00	43.42 3.88 0.00	46.87 4.26 0.00	50.14 4.31 0.00	53.64 4.52 0.00	61.87 5.21 0.00	67.69 5.36 0.00	83.05 4.98 -15.82	87.25 4.83 -21.22	84.72 4.92 -19.84	121.90 6.36 -45.63	172.32 7.08 -96.48	114.43 6.41 -49.79	86.78 6.19 -25.84	55.32 5.75 0.00	46.83 4.53 0.00	40.83 3.64 0.00
WHITEPLN_13_KV_LOAD 356215	42.36 3.89 0.00	39.18 3.63 0.00	36.48 3.23 0.00	34.35 2.89 0.00	33.14 2.79 0.00	36.01 3.06 0.00	39.32 3.67 0.00	40.92 4.05 0.00	44.06 4.51 0.00	47.64 5.03 0.00	51.74 5.91 0.00	57.71 6.88 -1.71	64.41 7.76 0.00	70.99 8.66 0.00	83.22 9.03 -11.94	100.87 9.06 -30.62	122.88 8.69 -54.23	128.14 9.79 -48.45	101.34 9.21 -23.36	77.50 7.51 -11.75	67.37 6.46 -6.17	55.22 5.65 0.00	47.04 4.74 0.00	41.35 4.16 0.00
WM_FLOYD_69_KV_BK2 356380	42.74 4.27 0.00	40.89 4.34 -1.00	40.36 3.86 -3.25	39.61 3.46 -4.70	39.60 3.34 -5.91	40.06 3.69 -3.43	40.35 4.28 -0.42	41.36 4.50 0.00	43.98 4.43 0.00	47.26 4.64 0.00	52.16 6.32 -0.01	132.41 7.12 -76.16	139.18 8.04 -74.48	146.91 9.16 -75.42	233.32 9.21 -161.85	261.00 9.00 -190.80	299.98 8.75 -231.27	278.20 10.21 -198.08	292.14 9.97 -213.41	164.22 8.50 -97.48	142.83 7.34 -80.75	132.48 6.30 -76.61	53.37 5.25 -5.82	41.35 4.16 0.00
WOODARD__115KV_TB2 355635	38.78 -0.15 -0.46	35.51 -0.21 -0.17	32.82 -0.23 0.20	31.10 -0.19 0.17	29.99 -0.21 0.15	32.72 -0.23 0.00	35.44 -0.21 0.00	36.60 -0.26 0.00	39.36 -0.28 -0.09	42.68 -0.26 -0.32	45.42 -0.41 0.00	48.73 -0.39 0.00	56.31 -0.34 0.00	62.08 -0.25 0.00	62.86 -0.37 -0.97	62.14 -0.43 -1.37	60.38 -0.48 -0.90	73.14 -0.49 -3.72	70.55 -0.41 -2.21	59.18 -0.41 -1.35	55.89 -0.16 -1.31	50.87 -0.25 -1.55	43.05 -0.21 -0.96	37.84 -0.07 -0.73
YORK___WARBASSE 23770	42.56 4.08 -0.01	39.37 3.80 -0.01	36.59 3.33 -0.01	34.39 2.93 -0.01	33.18 2.82 -0.01	36.02 3.06 -0.01	39.29 3.64 0.00	40.92 4.05 0.00	44.02 4.47 0.00	47.43 4.82 0.00	51.66 5.77 -0.06	78.97 6.39 -23.46	69.41 7.08 -5.68	78.53 7.48 -8.72	81.88 7.60 -12.02	99.41 7.53 -30.69	121.38 7.08 -54.35	126.50 8.04 -48.55	99.81 7.63 -23.41	76.18 6.17 -11.77	75.31 5.58 -14.98	75.84 5.16 -21.12	47.00 4.70 0.00	44.88 4.28 -3.42