

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										06/19/2024		
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	39.99	37.01	35.45	33.15	34.43	35.38	37.08	40.79	44.36	50.39	59.69	68.40	72.07	77.84	83.72	91.28	119.00	145.36	134.31	112.49	93.85	69.79	60.77	54.97				
		3.03	2.65	2.07	2.14	2.10	2.03	2.75	3.09	3.62	3.86	4.11	4.06	4.34	4.96	5.69	6.36	8.09	9.14	7.09	4.46	4.07	3.42	4.09	3.93				
		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	0.00	-0.11	-3.16	-7.46	-16.47	-22.26	-12.99	-6.25	-1.46	0.00				
74TH STREET_GT_1	24260	40.10	36.91	35.48	33.18	34.46	35.38	36.91	40.82	44.32	50.39	59.47	68.27	71.72	77.55	83.49	90.74	118.56	144.98	133.97	112.24	93.70	69.79	60.71	54.92				
		3.14	2.54	2.10	2.17	2.13	2.03	2.58	3.13	3.58	3.86	3.89	3.93	4.00	4.66	5.46	5.94	7.65	8.76	6.76	4.20	3.92	3.43	4.03	3.88				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	-7.46	-16.47	-22.26	-12.99	-6.25	-1.46	0.00				
74TH STREET_GT_2	24261	40.10	36.91	35.48	33.18	34.46	35.38	36.91	40.82	44.32	50.39	59.47	68.27	71.72	77.55	83.49	90.74	118.56	144.98	133.97	112.24	93.70	69.79	60.71	54.92				
		3.14	2.54	2.10	2.17	2.13	2.03	2.58	3.13	3.58	3.86	3.89	3.93	4.00	4.66	5.46	5.94	7.65	8.76	6.76	4.20	3.92	3.43	4.03	3.88				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	-7.46	-16.47	-22.26	-12.99	-6.25	-1.46	0.00				
ADK HUDSON___FALLS	24011	39.77	36.91	35.58	33.06	34.33	35.45	36.70	40.29	43.71	49.60	59.08	68.92	75.58	84.49	100.20	114.82	197.62	264.49	337.09	349.11	252.60	146.43	76.57	55.33				
		2.81	2.54	2.20	2.05	2.00	2.10	2.37	2.60	2.97	3.07	3.50	4.57	4.47	5.76	6.48	7.89	9.81	11.85	10.52	8.23	7.37	5.53	4.86	4.29				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	-5.84	-15.70	-22.13	-80.06	-123.89	-215.83	-255.10	-168.43	-80.79	-16.49	0.00				
ADK RESOURCE___RCVRY	23798	39.99	37.19	35.75	33.22	34.50	35.62	36.98	40.48	43.99	49.92	59.47	69.50	76.12	85.08	100.64	116.53	198.12	265.59	338.82	351.50	253.86	147.22	77.15	55.73				
		3.03	2.82	2.37	2.20	2.17	2.27	2.64	2.79	3.26	3.39	3.89	5.15	5.08	6.48	7.26	8.82	11.10	13.39	11.96	9.44	8.37	6.19	5.35	4.69				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.31	-5.71	-15.35	-22.91	-79.27	-123.44	-216.11	-256.29	-168.69	-80.92	-16.57	0.00				
ADK S GLENS___FALLS	24028	39.77	36.91	35.58	33.06	34.33	35.45	36.70	40.29	43.71	49.60	59.08	68.92	75.58	84.49	100.20	114.82	197.62	264.49	337.09	349.11	252.60	146.43	76.57	55.33				
		2.81	2.54	2.20	2.05	2.00	2.10	2.37	2.60	2.97	3.07	3.50	4.57	4.47	5.76	6.48	7.89	9.81	11.85	10.52	8.23	7.37	5.53	4.86	4.29				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	-5.84	-15.70	-22.13	-80.06	-123.89	-215.83	-255.10	-168.43	-80.79	-16.49	0.00				
ADK_NYS___DAM	23527	39.47	36.77	35.42	33.00	34.30	35.31	36.70	40.14	43.42	49.41	58.80	68.01	76.83	86.27	106.60	124.58	206.71	256.54	296.29	277.85	219.79	130.09	70.90	54.56				
		2.51	2.40	2.04	1.99	1.97	1.97	2.37	2.45	2.69	2.89	3.22	3.67	4.06	4.67	5.15	5.85	6.90	7.72	6.53	4.71	4.45	3.73	3.76	3.52				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.04	-8.72	-23.42	-33.93	-92.05	-120.06	-179.02	-187.37	-138.54	-66.25	-11.92	0.00				
AIR_PRODUCTS___DRP	24190	38.11	35.54	34.38	32.10	33.30	34.28	35.40	38.86	41.87	47.69	56.64	65.57	62.95	64.28	52.51	48.70	51.66	106.63	158.85	212.86	117.54	80.84	65.40	52.42				
		1.15	1.17	1.00	1.09	0.97	0.93	1.06	1.17	1.14	1.16	1.06	1.22	1.08	1.53	1.72	2.29	2.16	2.19	1.77	1.03	1.15	1.14	1.49	1.38				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86	10.14	27.24	38.39	58.25	24.32	-46.34	-126.06	-39.59	-19.59	-8.69	0.00				
AKWESSNE_115KV_BK	355683	35.70	33.44	32.78	30.46	31.78	32.81	33.51	36.68	39.63	45.18	54.14	62.55	65.63	70.19	74.67	81.16	103.98	124.64	106.75	82.77	74.03	58.07	53.34	49.26				
		-1.26	-0.93	-0.60	-0.56	-0.55	-0.53	-0.82	-1.02	-1.10	-1.35	-1.45	-1.80	-2.10	-2.70	-3.36	-3.65	-3.77	-4.12	-3.99	-3.00	-2.76	-2.04	-1.88	-1.79				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	38.92	36.33	35.05	32.66	33.91	34.92	36.12	39.39	42.36	48.06	57.02	65.96	63.31	64.73	53.32	50.30	49.26	98.50	137.38	182.06	100.68	73.16	64.47	53.59				
		1.96	1.96	1.67	1.64	1.58	1.57	1.78	1.70	1.63	1.53	1.44	1.61	1.35	1.82	2.11	2.79	3.23	4.00	3.77	2.92	2.84	2.41	2.71	2.55				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.77	9.98	26.82	37.30	61.72	34.25	-22.87	-93.37	-21.04	-10.65	-6.54	0.00				
ALBANY_2_SOLAR	323834	38.92	36.29	35.05	32.66	33.91	34.92	36.08	39.39	42.36	48.06	57.02	65.96	63.32	64.67	53.36	50.28	49.39	98.61	137.33	181.95	100.73	73.19	64.47	53.59				
		1.96	1.92	1.67	1.64	1.58	1.57	1.75	1.70	1.63	1.53	1.44	1.61	1.35	1.75	2.11	2.71	3.23	4.00	3.65	2.83	2.84	2.41	2.71	2.55				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.76	9.96	26.77	37.23	61.59	34.14	-22.94	-93.35	-21.09	-10.67	-6.54	0.00				
ALBANY___1	23571	38.11	35.54	34.38	32.10	33.30	34.28	35.40	38.86	41.87	47.69	56.64	65.57	62.95	64.28	52.51	48.70	51.66	106.63	158.85	212.86	117.54	80.84	65.40	52.42				
		1.15	1.17	1.00	1.09	0.97	0.93	1.06	1.17	1.14	1.16	1.06	1.22	1.08	1.53	1.72	2.29	2.16	2.19	1.77	1.03	1.15	1.14	1.49	1.38				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86	10.14	27.24	38.39	58.25	24.32	-46.34	-126.06	-39.59	-19.59	-8.69	0.00				

ALBANY___2 23572	38.11 1.15 0.00	35.54 1.17 0.00	34.38 1.00 0.00	32.10 1.09 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.40 1.06 0.00	38.86 1.17 0.00	41.87 1.14 0.00	47.69 1.16 0.00	56.64 1.06 0.00	65.57 1.22 0.00	62.95 1.08 5.86	64.28 1.53 10.14	52.51 1.72 27.24	48.70 2.29 38.39	51.66 2.16 58.25	106.63 2.19 24.32	158.85 1.77 -46.34	212.86 1.03 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.40 1.49 -8.69	52.42 1.38 0.00
ALBANY___3 23573	38.11 1.15 0.00	35.54 1.17 0.00	34.38 1.00 0.00	32.10 1.09 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.40 1.06 0.00	38.86 1.17 0.00	41.87 1.14 0.00	47.69 1.16 0.00	56.64 1.06 0.00	65.57 1.22 0.00	62.95 1.08 5.86	64.28 1.53 10.14	52.51 1.72 27.24	48.70 2.29 38.39	51.66 2.16 58.25	106.63 2.19 24.32	158.85 1.77 -46.34	212.86 1.03 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.40 1.49 -8.69	52.42 1.38 0.00
ALBANY___4 23574	38.11 1.15 0.00	35.54 1.17 0.00	34.38 1.00 0.00	32.10 1.09 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.40 1.06 0.00	38.86 1.17 0.00	41.87 1.14 0.00	47.69 1.16 0.00	56.64 1.06 0.00	65.57 1.22 0.00	62.95 1.08 5.86	64.28 1.53 10.14	52.51 1.72 27.24	48.70 2.29 38.39	51.66 2.16 58.25	106.63 2.19 24.32	158.85 1.77 -46.34	212.86 1.03 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.40 1.49 -8.69	52.42 1.38 0.00
ALBANY___LFGE 323615	38.55 1.59 0.00	35.95 1.58 0.00	34.72 1.34 0.00	32.35 1.33 0.00	33.59 1.26 0.00	34.58 1.23 0.00	35.84 1.51 0.00	39.20 1.51 0.00	42.36 1.63 0.00	48.25 1.72 0.00	57.41 1.83 0.00	66.54 2.19 0.00	71.22 2.17 -1.33	77.87 2.70 -2.29	87.15 2.96 -6.15	97.96 3.64 -9.52	152.90 3.99 -41.15	204.78 4.38 -71.64	249.94 3.65 -135.55	257.18 2.57 -168.84	185.45 2.46 -106.19	113.16 2.04 -51.01	68.46 2.26 -10.98	53.14 2.09 0.00
ALCOA_PA_115KV_PL-6C 55860	35.67 -1.29 0.00	33.41 -0.96 0.00	32.75 -0.63 0.00	30.42 -0.59 0.00	31.78 -0.55 0.00	32.81 -0.53 0.00	33.51 -0.82 0.00	36.64 -1.06 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.97 -1.61 0.00	62.29 -2.06 0.00	65.36 -2.37 0.00	69.82 -3.06 0.00	74.21 -3.82 0.00	80.65 -4.16 0.00	103.45 -4.31 0.00	123.99 -4.76 0.00	106.20 -4.54 0.00	82.43 -3.35 0.00	73.73 -3.07 0.00	57.89 -2.22 0.00	53.29 -1.93 0.00	49.20 -1.84 0.00
ALCOA_RYNLDS___DRP 24188	35.67 -1.29 0.00	33.41 -0.96 0.00	32.75 -0.63 0.00	30.42 -0.59 0.00	31.78 -0.55 0.00	32.81 -0.53 0.00	33.51 -0.82 0.00	36.64 -1.06 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.97 -1.61 0.00	62.29 -2.06 0.00	65.36 -2.37 0.00	69.82 -3.06 0.00	74.21 -3.82 0.00	80.65 -4.16 0.00	103.45 -4.31 0.00	123.99 -4.76 0.00	106.20 -4.54 0.00	82.43 -3.35 0.00	73.73 -3.07 0.00	57.89 -2.22 0.00	53.29 -1.93 0.00	49.20 -1.84 0.00
ALCOA___DSASP 323711	35.66 -1.29 0.00	33.30 -1.07 0.00	32.75 -0.64 0.00	30.42 -0.59 0.00	31.78 -0.55 0.00	32.81 -0.53 0.00	33.37 -0.96 0.00	36.64 -1.06 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.97 -1.61 0.00	62.35 -2.00 0.00	65.29 -2.44 0.00	69.75 -3.13 0.00	74.13 -3.90 0.00	80.57 -4.24 0.00	103.33 -4.42 0.00	123.86 -4.89 0.00	106.09 -4.65 0.00	82.17 -3.60 0.00	73.65 -3.15 0.00	57.89 -2.22 0.00	53.29 -1.93 0.00	49.25 -1.79 0.00
ALLEGHENY___COGEN 23514	38.62 1.66 0.00	35.09 0.72 0.00	33.55 0.17 0.00	30.80 -0.22 0.00	32.36 0.03 0.00	33.65 0.30 0.00	34.88 0.55 0.00	38.52 0.83 0.00	40.69 -0.04 0.00	46.67 0.14 0.00	55.64 0.06 0.00	61.07 -3.28 0.00	64.89 -2.84 0.00	69.46 -3.42 0.00	74.44 -3.59 0.00	80.39 -4.41 0.00	101.83 -5.93 0.00	122.06 -6.70 0.00	109.30 -1.44 0.00	88.69 2.92 0.00	78.79 1.99 0.00	61.25 1.14 0.00	58.76 3.54 0.00	54.05 3.01 0.00
ALTAMONT_115KV_TB 2 55880	38.40 1.44 0.00	35.71 1.34 0.00	34.55 1.17 0.00	32.19 1.18 0.00	33.46 1.13 0.00	34.45 1.10 0.00	35.60 1.27 0.00	39.09 1.39 0.00	42.20 1.47 0.00	48.06 1.54 0.00	57.14 1.56 0.00	66.09 1.74 0.00	66.35 1.76 3.14	69.57 2.11 5.43	65.93 2.50 14.59	67.12 2.88 20.57	84.70 3.12 26.18	131.09 3.48 1.15	164.67 2.88 -51.05	190.80 2.06 -102.97	120.76 2.07 -41.89	82.36 1.80 -20.45	64.25 2.04 -6.98	52.93 1.89 0.00
ALTONA_WT_PWR 323606	36.04 -0.92 0.00	33.61 -0.76 0.00	32.98 -0.40 0.00	30.64 -0.37 0.00	32.07 -0.26 0.00	33.12 -0.23 0.00	33.78 -0.55 0.00	37.17 -0.53 0.00	40.28 -0.45 0.00	45.18 -1.35 0.00	54.08 -1.50 0.00	62.42 -1.93 0.00	65.42 -2.30 0.00	69.83 -3.06 0.00	73.19 -4.84 0.00	79.46 -5.34 0.00	101.62 -6.14 0.00	122.20 -6.56 0.00	104.43 -6.31 0.00	80.89 -4.89 0.00	72.65 -4.15 0.00	58.07 -2.04 0.00	53.56 -1.66 0.00	49.41 -1.64 0.00
AMERICAN_REF_FUEL 24010	37.22 0.26 0.00	33.51 -0.86 0.00	32.01 -1.37 0.00	29.40 -1.61 0.00	30.84 -1.49 0.00	31.95 -1.40 0.00	33.03 -1.30 0.00	37.05 -0.64 0.00	39.80 -0.94 0.00	46.39 -0.14 0.00	55.75 0.17 0.00	65.37 1.03 0.00	70.03 2.30 0.00	74.71 1.82 0.00	80.21 2.18 0.00	85.74 0.93 0.00	107.43 -0.32 0.00	127.72 -1.03 0.00	112.84 2.10 0.00	89.97 4.20 0.00	78.94 2.15 0.00	61.19 1.08 0.00	55.05 -0.17 0.00	51.50 0.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.66 1.70 0.00	34.78 0.41 0.00	33.18 -0.20 0.00	30.39 -0.62 0.00	31.94 -0.39 0.00	33.18 -0.17 0.00	34.64 0.31 0.00	39.16 1.47 0.00	42.24 1.51 0.00	49.32 2.79 0.00	59.53 3.95 0.00	69.81 5.47 0.00	74.98 7.25 0.00	80.32 7.44 0.00	86.14 8.11 0.00	92.18 7.37 0.00	115.62 7.86 0.00	137.39 8.63 0.00	121.27 10.53 0.00	96.06 10.29 0.00	84.33 7.53 0.00	65.28 5.17 0.00	58.59 3.37 0.00	54.46 3.42 0.00
ARTHUR KILL_GT_1 23520	40.00 3.03 -0.01	37.06 2.68 -0.01	35.49 2.10 -0.01	33.19 2.17 -0.01	34.44 2.10 -0.01	35.18 1.83 0.00	36.81 2.47 0.00	40.41 2.72 0.00	43.90 3.18 0.01	44.36 3.35 5.52	45.21 3.00 13.37	45.24 2.83 21.93	45.94 2.98 24.76	47.21 3.57 29.24	48.38 4.21 33.86	48.30 4.75 41.25	75.11 6.03 38.67	91.22 6.95 44.48	51.25 5.42 64.91	47.63 3.08 41.22	47.96 2.92 31.76	46.06 2.58 16.63	46.02 3.37 12.57	45.19 3.52 9.37
ARTHUR_KILL_2 23512	39.89 2.92 -0.01	36.92 2.54 -0.01	35.39 2.00 -0.01	33.07 2.05 -0.01	34.34 2.01 -0.01	35.08 1.73 0.00	36.70 2.37 0.00	40.29 2.60 0.00	43.78 3.06 0.01	44.17 3.17 5.52	44.99 2.78 13.37	44.99 2.58 21.93	45.68 2.71 24.76	46.92 3.28 29.24	47.99 3.82 33.86	47.88 4.32 41.25	74.57 5.49 38.67	90.46 6.18 44.48	50.70 4.87 64.91	47.21 2.66 41.22	47.50 2.46 31.76	45.76 2.28 16.63	45.74 3.09 12.57	44.99 3.32 9.37
ARTHUR_KILL_3 23513	39.55 2.59 0.00	36.57 2.20 0.00	35.02 1.64 0.00	32.75 1.74 0.00	34.01 1.68 0.00	34.92 1.57 0.00	36.60 2.27 0.00	40.22 2.53 0.00	43.70 2.97 0.00	44.04 3.02 5.51	45.22 3.00 13.36	45.32 2.90 21.93	46.02 3.05 24.75	47.15 3.50 29.24	48.31 4.13 33.85	48.31 4.75 41.24	75.12 6.03 38.67	90.97 6.69 44.47	50.93 5.10 64.90	47.48 2.92 41.21	47.81 2.76 31.75	45.95 2.47 16.63	45.80 3.15 12.56	44.80 3.11 9.36

ARTHUR_KILL_COGEN 323718	40.00 3.03 -0.01	37.06 2.68 -0.01	35.49 2.10 -0.01	33.19 2.17 -0.01	34.44 2.10 -0.01	35.18 1.83 0.00	36.81 2.47 0.00	40.41 2.72 0.00	43.90 3.18 0.01	44.36 3.35 5.52	45.21 3.00 13.37	45.24 2.83 21.93	45.94 2.98 24.76	47.21 3.57 29.24	48.38 4.21 33.86	48.30 4.75 41.25	75.11 6.03 38.67	91.22 6.95 44.48	51.25 5.42 64.91	47.63 3.08 41.22	47.96 2.92 31.76	46.06 2.58 16.63	46.02 3.37 12.57	45.19 3.52 9.37
ASHOKAN____ 23654	39.62 2.66 0.00	36.84 2.48 0.00	35.35 1.97 0.00	33.03 2.01 0.00	34.27 1.94 0.00	35.25 1.90 0.00	36.56 2.23 0.00	39.80 2.11 0.00	42.97 2.24 0.00	48.76 2.23 0.00	58.02 2.44 0.00	67.11 2.77 0.00	68.40 4.67 3.99	71.52 5.54 6.90	65.95 6.47 18.55	66.38 7.37 25.79	74.79 9.59 42.55	117.12 11.72 23.35	134.18 6.87 -16.57	154.97 3.60 -65.60	95.24 3.30 -15.15	70.23 2.47 -7.65	62.35 2.54 -4.59	54.51 3.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.07 3.11 -0.01	37.06 2.68 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.42 2.07 -0.01	37.05 2.71 -0.01	40.60 2.90 0.00	43.99 3.26 0.00	49.93 3.39 -0.01	58.80 3.22 0.00	67.56 3.22 0.01	70.97 3.25 0.01	76.66 3.79 0.01	82.55 4.52 0.01	90.00 5.09 -0.10	117.48 6.57 -3.15	143.55 7.34 -7.46	133.85 5.64 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.12 2.77 -6.25	60.17 3.48 -1.47	54.57 3.52 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.07 3.11 -0.01	37.06 2.68 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.42 2.07 -0.01	37.05 2.71 -0.01	40.60 2.90 0.00	43.99 3.26 0.00	49.93 3.39 -0.01	58.80 3.22 0.00	67.56 3.22 0.01	70.97 3.25 0.01	76.66 3.79 0.01	82.55 4.52 0.01	90.00 5.09 -0.10	117.48 6.57 -3.15	143.55 7.34 -7.46	133.85 5.64 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.12 2.77 -6.25	60.17 3.48 -1.47	54.57 3.52 -0.01
ASTORIA_GT2_1 24094	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT2_2 24095	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT2_3 24096	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT2_4 24097	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT3_1 24098	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT3_2 24099	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT3_3 24100	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT3_4 24101	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT4_1 24102	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT4_2 24103	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT4_3 24104	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01

ASTORIA_GT4_4 24105	40.15 3.18 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.25 2.23 -0.01	34.50 2.17 -0.01	35.46 2.10 -0.01	36.95 2.61 -0.01	40.71 3.02 0.00	43.99 3.26 0.00	50.07 3.54 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	70.90 3.18 0.01	76.67 3.79 0.01	82.62 4.60 0.01	89.88 5.09 0.01	117.48 6.57 -3.15	143.68 7.47 -7.46	133.85 5.65 -17.47	111.29 3.26 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.22 3.53 -1.47	54.57 3.52 -0.01
ASTORIA_GT_1 23523	40.18 3.21 -0.01	37.16 2.78 -0.01	35.63 2.24 -0.01	33.28 2.26 -0.01	34.57 2.23 -0.01	35.49 2.14 -0.01	37.16 2.82 -0.01	40.71 3.02 0.00	44.11 3.38 0.00	50.07 3.53 -0.01	59.03 3.45 0.00	67.81 3.47 0.01	71.24 3.52 0.01	76.96 4.08 0.01	82.86 4.84 0.01	90.34 5.43 -0.10	117.91 7.00 -3.15	144.07 7.86 -7.46	134.18 5.98 -17.47	111.63 3.60 -22.25	93.15 3.38 -12.98	69.30 2.94 -6.25	60.33 3.64 -1.47	54.73 3.68 -0.01
ASTORIA_GT_10 24110	39.92 2.96 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	49.92 3.40 0.00	58.64 3.06 0.00	65.65 2.90 1.60	66.45 2.91 4.19	66.86 3.43 9.45	70.82 4.14 11.34	81.41 4.49 7.88	108.64 5.82 4.94	124.72 6.57 10.61	66.64 4.87 48.97	65.89 2.74 22.63	81.08 2.61 -1.67	68.82 2.46 -6.25	59.94 3.26 -1.46	54.36 3.32 0.00
ASTORIA_GT_11 24225	39.92 2.96 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	49.92 3.40 0.00	58.64 3.06 0.00	65.65 2.90 1.60	66.45 2.91 4.19	66.86 3.43 9.45	70.82 4.14 11.34	81.41 4.49 7.88	108.64 5.82 4.94	124.72 6.57 10.61	66.64 4.87 48.97	65.89 2.74 22.63	81.08 2.61 -1.67	68.82 2.46 -6.25	59.94 3.26 -1.46	54.36 3.32 0.00
ASTORIA_GT_12 24226	39.92 2.96 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	49.92 3.40 0.00	58.64 3.06 0.00	65.65 2.90 1.60	66.45 2.91 4.19	66.86 3.43 9.45	70.82 4.14 11.34	81.41 4.49 7.88	108.64 5.82 4.94	124.72 6.57 10.61	66.64 4.87 48.97	65.89 2.74 22.63	81.08 2.61 -1.67	68.82 2.46 -6.25	59.94 3.26 -1.46	54.36 3.32 0.00
ASTORIA_GT_13 24227	39.92 2.96 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	49.92 3.40 0.00	58.64 3.06 0.00	65.65 2.90 1.60	66.45 2.91 4.19	66.86 3.43 9.45	70.82 4.14 11.34	81.41 4.49 7.88	108.64 5.82 4.94	124.72 6.57 10.61	66.64 4.87 48.97	65.89 2.74 22.63	81.08 2.61 -1.67	68.82 2.46 -6.25	59.94 3.26 -1.46	54.36 3.32 0.00
ASTORIA_GT_5 24106	40.22 3.25 -0.01	37.06 2.68 -0.01	35.63 2.24 -0.01	33.32 2.29 -0.01	34.57 2.23 -0.01	35.52 2.17 -0.01	37.02 2.68 -0.01	40.82 3.13 0.00	44.11 3.38 0.00	50.16 3.63 -0.01	59.03 3.45 0.00	67.75 3.41 0.01	71.11 3.39 0.01	76.89 4.01 0.01	82.94 4.92 0.01	90.14 5.34 0.01	117.80 6.90 -3.15	144.07 7.85 -7.46	134.19 5.98 -17.47	111.54 3.52 -22.25	93.16 3.38 -12.98	69.36 3.01 -6.25	60.33 3.64 -1.47	54.73 3.68 -0.01
ASTORIA_GT_7 24107	40.22 3.25 -0.01	37.06 2.68 -0.01	35.63 2.24 -0.01	33.32 2.29 -0.01	34.57 2.23 -0.01	35.52 2.17 -0.01	37.02 2.68 -0.01	40.82 3.13 0.00	44.11 3.38 0.00	50.16 3.63 -0.01	59.03 3.45 0.00	67.75 3.41 0.01	71.11 3.39 0.01	76.89 4.01 0.01	82.94 4.92 0.01	90.14 5.34 0.01	117.80 6.90 -3.15	144.07 7.85 -7.46	134.19 5.98 -17.47	111.54 3.52 -22.25	93.16 3.38 -12.98	69.36 3.01 -6.25	60.33 3.64 -1.47	54.73 3.68 -0.01
ASTORIA_GT_8 24108	40.22 3.25 -0.01	37.06 2.68 -0.01	35.63 2.24 -0.01	33.32 2.29 -0.01	34.57 2.23 -0.01	35.52 2.17 -0.01	37.02 2.68 -0.01	40.82 3.13 0.00	44.11 3.38 0.00	50.16 3.63 -0.01	59.03 3.45 0.00	67.75 3.41 0.01	71.11 3.39 0.01	76.89 4.01 0.01	82.94 4.92 0.01	90.14 5.34 0.01	117.80 6.90 -3.15	144.07 7.85 -7.46	134.19 5.98 -17.47	111.54 3.52 -22.25	93.16 3.38 -12.98	69.36 3.01 -6.25	60.33 3.64 -1.47	54.73 3.68 -0.01
ASTORIA___2 24149	40.11 3.14 -0.01	37.09 2.71 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.42 2.07 -0.01	37.09 2.75 -0.01	40.64 2.94 0.00	43.99 3.26 0.00	49.98 3.44 -0.01	58.86 3.28 0.00	67.62 3.28 0.01	71.04 3.32 0.01	76.74 3.86 0.01	82.55 4.52 0.01	90.08 5.17 -0.10	117.48 6.57 -3.15	143.68 7.46 -7.46	133.85 5.64 -17.47	111.37 3.34 -22.25	92.93 3.15 -12.98	69.18 2.83 -6.25	60.17 3.48 -1.47	54.62 3.57 -0.01
ASTORIA___3 23516	39.84 2.88 0.00	36.84 2.48 0.00	35.28 1.90 0.00	33.00 1.99 0.00	34.27 1.94 0.00	35.15 1.80 0.00	36.84 2.51 0.00	40.44 2.75 0.00	43.99 3.26 0.00	49.83 3.30 0.00	58.64 3.05 0.00	65.65 2.90 1.60	66.51 2.98 4.19	66.93 3.50 9.45	70.74 4.05 11.34	81.69 4.66 7.77	108.74 5.92 4.94	124.71 6.56 10.61	66.76 4.99 48.97	65.89 2.74 22.63	81.15 2.69 -1.67	68.82 2.47 -6.25	59.94 3.26 -1.46	54.41 3.37 0.00
ASTORIA___4 23517	39.92 2.96 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	49.92 3.40 0.00	58.64 3.06 0.00	65.65 2.90 1.60	66.45 2.91 4.19	66.86 3.43 9.45	70.82 4.14 11.34	81.41 4.49 7.88	108.64 5.82 4.94	124.72 6.57 10.61	66.64 4.87 48.97	65.89 2.74 22.63	81.08 2.61 -1.67	68.82 2.46 -6.25	59.94 3.26 -1.46	54.36 3.32 0.00
ASTORIA___5 23518	39.84 2.88 0.00	36.84 2.48 0.00	35.28 1.90 0.00	33.00 1.99 0.00	34.27 1.94 0.00	35.15 1.80 0.00	36.84 2.51 0.00	40.44 2.75 0.00	43.99 3.26 0.00	49.83 3.30 0.00	58.64 3.05 0.00	65.65 2.90 1.60	66.51 2.98 4.19	66.93 3.50 9.45	70.74 4.05 11.34	81.69 4.66 7.77	108.74 5.92 4.94	124.71 6.56 10.61	66.76 4.99 48.97	65.89 2.74 22.63	81.15 2.69 -1.67	68.82 2.47 -6.25	59.94 3.26 -1.46	54.41 3.37 0.00
AST_ENERGY_2_CC3 323677	39.69 2.73 0.00	36.71 2.34 0.00	35.18 1.80 0.00	32.87 1.86 0.00	34.14 1.81 0.00	35.05 1.70 0.00	36.70 2.37 0.00	40.33 2.64 0.00	43.87 3.14 0.00	49.73 3.21 0.00	58.86 3.28 0.00	67.56 3.22 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.55 4.52 0.00	90.09 5.17 -0.11	117.49 6.57 -3.16	143.56 7.34 -7.46	132.75 5.53 -16.47	111.29 3.26 -22.26	92.86 3.08 -12.99	69.13 2.77 -6.25	60.10 3.42 -1.46	54.41 3.37 0.00
AST_ENERGY_2_CC4 323678	39.69 2.73 0.00	36.71 2.34 0.00	35.18 1.80 0.00	32.87 1.86 0.00	34.14 1.81 0.00	35.05 1.70 0.00	36.70 2.37 0.00	40.33 2.64 0.00	43.87 3.14 0.00	49.73 3.21 0.00	58.86 3.28 0.00	67.56 3.22 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.55 4.52 0.00	90.09 5.17 -0.11	117.49 6.57 -3.16	143.56 7.34 -7.46	132.75 5.53 -16.47	111.29 3.26 -22.26	92.86 3.08 -12.99	69.13 2.77 -6.25	60.10 3.42 -1.46	54.41 3.37 0.00

ATHENS_STG_1 23668	38.51 1.55 0.00	35.88 1.51 0.00	34.58 1.20 0.00	32.22 1.21 0.00	33.53 1.20 0.00	34.51 1.17 0.00	35.81 1.48 0.00	39.20 1.51 0.00	42.44 1.71 0.00	48.25 1.72 0.00	57.31 1.72 0.00	66.15 1.80 0.00	69.69 1.97 0.00	75.22 2.33 0.00	80.76 2.73 0.00	87.94 3.05 -0.09	113.58 3.34 -2.48	138.23 3.60 -5.87	126.57 2.87 -12.95	105.08 1.80 -17.50	88.93 1.92 -10.21	66.77 1.74 -4.92	58.41 2.04 -1.15	53.09 2.04 0.00
ATHENS_STG_2 23670	38.51 1.55 0.00	35.88 1.51 0.00	34.58 1.20 0.00	32.22 1.21 0.00	33.53 1.20 0.00	34.51 1.17 0.00	35.81 1.48 0.00	39.20 1.51 0.00	42.44 1.71 0.00	48.25 1.72 0.00	57.31 1.72 0.00	66.15 1.80 0.00	69.69 1.97 0.00	75.22 2.33 0.00	80.76 2.73 0.00	87.94 3.05 -0.09	113.58 3.34 -2.48	138.23 3.60 -5.87	126.57 2.87 -12.95	105.08 1.80 -17.50	88.93 1.92 -10.21	66.77 1.74 -4.92	58.41 2.04 -1.15	53.09 2.04 0.00
ATHENS_STG_3 23677	38.51 1.55 0.00	35.88 1.51 0.00	34.58 1.20 0.00	32.22 1.21 0.00	33.53 1.20 0.00	34.51 1.17 0.00	35.81 1.48 0.00	39.20 1.51 0.00	42.44 1.71 0.00	48.25 1.72 0.00	57.31 1.72 0.00	66.15 1.80 0.00	69.69 1.97 0.00	75.22 2.33 0.00	80.76 2.73 0.00	87.94 3.05 -0.09	113.58 3.34 -2.48	138.23 3.60 -5.87	126.57 2.87 -12.95	105.08 1.80 -17.50	88.93 1.92 -10.21	66.77 1.74 -4.92	58.41 2.04 -1.15	53.09 2.04 0.00
AUBURN___LFGE 323710	38.97 0.74 -1.27	35.59 0.38 -0.84	34.18 0.13 -0.66	31.26 -0.03 -0.28	32.91 0.10 -0.49	34.20 0.20 -0.65	35.54 0.38 -0.83	39.75 0.68 -1.38	55.39 0.73 -13.92	61.56 1.12 -13.92	71.06 1.56 -13.92	80.46 2.19 -13.92	84.29 2.64 -13.92	89.58 2.77 -13.92	88.83 3.12 -7.68	96.76 3.14 -8.82	123.17 3.34 -12.07	145.55 3.99 -12.80	127.78 4.54 -12.50	98.95 4.03 -9.14	88.03 3.53 -7.70	67.80 2.52 -5.16	61.15 1.66 -4.27	56.02 1.38 -3.60
BABYLON_RES_REC 323704	40.88 3.92 -0.01	37.88 3.51 -0.01	36.22 2.84 0.00	33.81 2.79 0.00	35.01 2.68 0.00	36.02 2.67 0.00	37.88 3.54 -0.01	41.59 3.88 -0.01	45.30 4.56 -0.01	51.04 4.51 0.00	64.97 5.17 -4.22	75.41 5.41 -5.66	77.29 5.69 -3.88	81.48 6.34 -2.25	87.65 7.10 -2.52	103.06 7.37 -10.89	129.13 9.15 -12.22	156.08 10.94 -16.38	141.45 9.08 -21.62	120.31 5.49 -29.04	97.92 5.22 -15.90	85.14 5.05 -19.98	74.48 5.52 -13.74	67.19 5.21 -10.94
BABYLON__69_KV_BK2 356345	41.47 4.51 0.00	38.29 3.92 0.00	36.82 3.44 0.00	34.33 3.32 0.00	35.59 3.27 0.00	36.52 3.17 0.00	38.28 3.95 0.00	42.22 4.52 0.00	45.95 5.21 0.00	51.88 5.35 0.00	65.91 6.11 -4.22	76.70 6.69 -5.66	78.45 6.84 -3.88	84.65 7.58 -4.19	94.48 8.51 -7.95	122.98 8.65 -29.53	150.98 11.42 -31.80	177.31 12.88 -35.67	158.33 10.74 -36.85	136.16 6.69 -43.70	105.50 6.53 -22.18	94.65 6.19 -28.35	75.48 6.52 -13.75	69.35 6.07 -12.23
BALL_HILL_WT_PWR 323825	38.36 1.40 0.00	34.58 0.21 0.00	33.05 -0.33 0.00	30.30 -0.71 0.00	31.81 -0.52 0.00	33.01 -0.33 0.00	34.37 0.03 0.00	38.67 0.98 0.00	41.59 0.86 0.00	48.48 1.95 0.00	58.36 2.78 0.00	68.40 4.06 0.00	73.35 5.62 0.00	78.42 5.54 0.00	84.19 6.16 0.00	90.15 5.35 0.00	113.03 5.28 0.00	134.56 5.80 0.00	118.72 7.98 0.00	94.09 8.32 0.00	82.63 5.83 0.00	63.96 3.85 0.00	57.48 2.26 0.00	53.54 2.50 0.00
BARON_WINDS___WT_PWR 323822	38.38 1.11 -0.31	34.85 0.27 -0.21	33.35 -0.20 -0.16	30.58 -0.50 -0.07	32.13 -0.32 -0.12	33.41 -0.10 -0.16	34.78 0.24 -0.20	38.98 0.94 -0.34	44.99 0.81 -3.44	51.55 1.58 -3.44	61.25 2.23 -3.44	70.82 3.03 -3.44	75.37 4.20 -3.44	80.63 4.30 -3.44	84.77 4.84 -1.90	91.22 4.24 -2.18	115.06 4.31 -2.99	136.69 4.77 -3.17	120.36 6.53 -3.09	94.73 6.69 -2.26	83.77 5.07 -1.90	64.63 3.24 -1.28	58.37 2.10 -1.06	53.98 2.04 -0.89
BARRETT_IC_1 23704	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_10 23701	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.40 5.38 0.01	92.52 5.51 -2.20	117.48 6.57 -3.15	144.19 7.99 -7.45	76.75 6.42 40.41	111.63 3.60 -22.25	93.08 3.30 -12.98	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_11 23702	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.40 5.38 0.01	92.52 5.51 -2.20	117.48 6.57 -3.15	144.19 7.99 -7.45	76.75 6.42 40.41	111.63 3.60 -22.25	93.08 3.30 -12.98	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_12 23703	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.40 5.38 0.01	92.52 5.51 -2.20	117.48 6.57 -3.15	144.19 7.99 -7.45	76.75 6.42 40.41	111.63 3.60 -22.25	93.08 3.30 -12.98	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_2 23705	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_3 23706	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_4 23707	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03

BARRETT_IC_5 23708	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_6 23709	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_7 23710	40.43 3.47 0.00	37.32 2.96 0.00	35.92 2.54 0.00	33.53 2.51 0.00	34.75 2.42 0.00	35.68 2.33 0.00	37.29 2.95 0.00	41.16 3.47 0.00	44.64 3.91 0.00	50.39 3.86 0.00	63.86 4.06 -4.22	74.13 4.12 -5.66	75.87 4.27 -3.87	79.20 4.96 -1.36	83.73 5.70 0.00	92.68 5.77 -2.11	118.24 7.33 -3.16	144.21 7.98 -7.47	138.41 6.31 -21.35	111.56 3.52 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_8 23711	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT_IC_9 23700	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.40 5.38 0.01	92.52 5.51 -2.20	117.48 6.57 -3.15	144.19 7.99 -7.45	76.75 6.42 40.41	111.63 3.60 -22.25	93.08 3.30 -12.98	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT___1 23545	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.42 5.38 -0.01	92.53 5.51 -2.22	117.50 6.57 -3.17	144.21 7.99 -7.47	138.52 6.42 -21.35	111.64 3.60 -22.27	93.09 3.30 -13.00	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BARRETT___2 23546	40.41 3.44 -0.01	37.43 3.06 -0.01	35.82 2.44 0.00	33.46 2.45 0.00	34.66 2.33 0.00	35.65 2.30 0.00	37.36 3.02 -0.01	41.06 3.35 -0.01	44.65 3.91 -0.01	50.29 3.77 0.00	63.86 4.06 -4.22	74.19 4.18 -5.66	75.94 4.34 -3.87	79.13 4.88 -1.36	83.40 5.38 0.01	92.52 5.51 -2.20	117.48 6.57 -3.15	144.19 7.99 -7.45	76.75 6.42 40.41	111.63 3.60 -22.25	93.08 3.30 -12.98	79.26 3.73 -15.42	73.60 4.64 -13.74	65.51 4.44 -10.03
BATAVIA___115KV_TB1 55881	38.40 1.44 0.00	34.81 0.45 0.00	33.21 -0.17 0.00	30.49 -0.53 0.00	32.04 -0.29 0.00	33.21 -0.13 0.00	34.47 0.14 0.00	38.03 0.34 0.00	41.71 0.98 0.00	48.29 1.77 0.00	58.53 2.95 0.00	68.60 4.25 0.00	73.55 5.82 0.00	78.42 5.54 0.00	83.65 5.62 0.00	90.31 5.51 0.00	113.47 5.71 0.00	135.07 6.31 0.00	119.38 8.64 0.00	94.26 8.49 0.00	83.40 6.60 0.00	64.62 4.51 0.00	57.87 2.65 0.00	53.85 2.81 0.00
BAYONEEC___CTG1 323682	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG10 323750	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG2 323683	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG3 323684	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG4 323685	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG5 323686	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG6 323687	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02

BAYONEEC___CTG7 323688	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG8 323689	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BAYONEEC___CTG9 323749	39.73 2.77 0.00	36.74 2.37 0.00	35.22 1.83 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.91 3.18 0.00	49.78 3.26 0.00	58.92 3.33 0.00	64.45 3.28 3.17	62.75 3.38 8.36	57.94 3.93 18.88	82.55 4.52 0.00	78.91 5.17 11.07	101.43 6.68 13.01	95.18 7.46 41.05	54.57 5.64 61.81	51.38 3.34 37.74	52.00 3.15 27.95	69.17 2.83 -6.24	60.15 3.48 -1.45	54.39 3.37 0.02
BEACON___LESR 323632	38.84 1.88 0.00	36.22 1.85 0.00	34.95 1.57 0.00	32.56 1.55 0.00	33.79 1.46 0.00	34.81 1.47 0.00	36.12 1.78 0.00	39.54 1.85 0.00	42.69 1.96 0.00	48.62 2.10 0.00	57.86 2.28 0.00	67.05 2.70 11.30	59.07 2.64 19.53	56.48 3.13 19.53	28.97 3.43 52.48	15.67 4.15 73.29	-16.78 4.74 129.27	47.20 5.53 87.09	115.85 4.65 -0.46	211.98 3.34 -122.86	86.20 3.15 -6.25	66.66 2.52 -4.02	66.80 2.71 -8.88	53.54 2.50 0.00
BEAVER RIVER___HYD 24048	38.62 0.92 -0.74	35.58 0.72 -0.49	34.40 0.63 -0.38	31.67 0.49 -0.16	33.23 0.61 -0.28	34.49 0.77 -0.38	35.64 0.82 -0.48	39.40 0.90 -0.80	49.52 0.69 -8.09	55.41 0.79 -8.09	64.62 0.94 -8.09	72.44 0.00 -8.09	75.89 0.07 -8.09	80.91 -0.07 -8.09	82.26 -0.23 -4.46	89.42 -0.51 -5.13	114.34 -0.43 -7.02	136.20 0.00 -7.44	118.67 0.67 -7.27	92.38 1.29 -5.31	82.43 1.15 -4.48	65.52 2.41 -3.00	59.36 1.66 -2.48	54.56 1.43 -2.09
BEEBEE_GT_13 23619	37.70 0.74 0.00	34.47 0.10 0.00	33.05 -0.33 0.00	30.42 -0.59 0.00	31.91 -0.42 0.00	33.01 -0.33 0.00	34.30 -0.03 0.00	37.77 0.08 0.00	41.30 0.57 0.00	47.69 1.16 0.00	57.58 2.00 0.00	67.24 2.90 0.00	71.72 4.00 0.00	76.82 3.94 0.00	82.09 4.06 0.00	88.79 3.99 0.00	111.74 3.99 0.00	133.14 4.38 0.00	116.50 5.76 0.00	91.52 5.75 0.00	81.17 4.38 0.00	63.12 3.01 0.00	56.93 1.71 0.00	52.78 1.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.37 3.40 -0.01	37.13 2.75 -0.01	35.69 2.30 -0.01	33.38 2.36 -0.01	34.63 2.30 -0.01	35.45 2.10 0.00	36.98 2.64 0.00	40.94 3.24 0.00	44.40 3.67 0.00	50.57 4.05 0.00	59.36 3.78 0.00	66.42 3.67 1.59	67.33 3.79 4.19	67.96 4.52 9.45	85.79 5.31 -2.46	84.89 5.68 5.60	110.15 7.33 4.94	126.52 8.37 10.60	94.71 6.64 22.68	82.06 4.03 7.75	82.23 3.76 -1.67	69.66 3.31 -6.25	60.71 4.03 -1.46	55.13 4.08 0.00
BETHLEHEM___GRP 23843	38.11 1.15 0.00	35.54 1.17 0.00	34.38 1.00 0.00	32.10 1.09 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.40 1.06 0.00	38.86 1.17 0.00	41.87 1.14 0.00	47.69 1.16 0.00	56.64 1.06 0.00	65.57 1.22 0.00	62.95 1.08 5.86	64.28 1.53 10.14	52.51 1.72 27.24	48.70 2.29 38.39	51.66 2.16 58.25	106.63 2.19 24.32	158.85 1.77 -46.34	212.86 1.03 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.40 1.49 -8.69	52.42 1.38 0.00
BETHLEHEM___GS1 323560	38.11 1.15 0.00	35.57 1.20 0.00	34.38 1.00 0.00	32.07 1.06 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.47 1.13 0.00	38.79 1.09 0.00	41.87 1.14 0.00	47.64 1.11 0.00	56.63 1.05 0.00	65.57 1.22 0.00	62.94 1.08 5.86	64.28 1.53 10.14	52.50 1.71 27.24	49.37 2.29 37.72	51.77 2.27 58.25	106.76 2.32 24.32	158.84 1.77 -46.34	212.94 1.11 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.41 1.49 -8.69	52.42 1.38 0.00
BETHLEHEM___GS2 323561	38.11 1.15 0.00	35.57 1.20 0.00	34.38 1.00 0.00	32.07 1.06 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.47 1.13 0.00	38.79 1.09 0.00	41.87 1.14 0.00	47.64 1.11 0.00	56.63 1.05 0.00	65.57 1.22 0.00	62.94 1.08 5.86	64.28 1.53 10.14	52.50 1.71 27.24	49.37 2.29 37.72	51.77 2.27 58.25	106.76 2.32 24.32	158.84 1.77 -46.34	212.94 1.11 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.41 1.49 -8.69	52.42 1.38 0.00
BETHLEHEM___GS3 323562	38.11 1.15 0.00	35.57 1.20 0.00	34.38 1.00 0.00	32.07 1.06 0.00	33.30 0.97 0.00	34.28 0.93 0.00	35.47 1.13 0.00	38.79 1.09 0.00	41.87 1.14 0.00	47.64 1.11 0.00	56.63 1.05 0.00	65.57 1.22 0.00	62.94 1.08 5.86	64.28 1.53 10.14	52.50 1.71 27.24	49.37 2.29 37.72	51.77 2.27 58.25	106.76 2.32 24.32	158.84 1.77 -46.34	212.94 1.11 -126.06	117.54 1.15 -39.59	80.84 1.14 -19.59	65.41 1.49 -8.69	52.42 1.38 0.00
BETHLEHEM___STEEL 23779	38.03 1.07 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.68 -0.65 0.00	32.85 -0.50 0.00	34.13 -0.21 0.00	37.69 0.00 0.00	41.47 0.73 0.00	48.06 1.54 0.00	58.19 2.61 0.00	68.08 3.73 0.00	73.15 5.42 0.00	78.06 5.17 0.00	83.26 5.23 0.00	89.89 5.09 0.00	112.50 4.74 0.00	133.52 4.76 0.00	117.94 7.20 0.00	93.15 7.38 0.00	82.33 5.53 0.00	63.66 3.55 0.00	57.21 1.99 0.00	53.44 2.40 0.00
BETHLHEM_115KV_TB1 79974	38.18 1.22 0.00	35.57 1.20 0.00	34.42 1.03 0.00	32.10 1.09 0.00	33.33 1.00 0.00	34.31 0.97 0.00	35.47 1.13 0.00	38.90 1.21 0.00	41.95 1.22 0.00	47.78 1.26 0.00	56.75 1.17 0.00	65.64 1.29 0.00	63.43 1.22 5.52	64.94 1.60 9.54	54.26 1.87 25.64	51.04 2.37 36.14	55.50 2.37 54.63	108.81 2.45 22.39	157.35 1.88 -44.73	207.14 1.20 -120.17	116.25 1.31 -38.15	80.17 1.20 -18.86	65.10 1.60 -8.28	52.52 1.48 0.00
BETHPAGE_CC_5 323564	40.59 3.62 -0.01	37.68 3.30 -0.01	36.02 2.64 0.00	33.62 2.61 0.00	34.85 2.52 0.00	35.82 2.47 0.00	37.64 3.30 -0.01	41.28 3.58 -0.01	44.94 4.20 -0.01	50.67 4.14 0.00	64.30 4.50 -4.22	74.70 4.69 -5.66	76.54 4.94 -3.87	80.10 5.61 -1.60	85.03 6.32 -0.68	96.05 6.70 -4.55	121.54 8.19 -5.60	148.40 9.78 -9.86	135.45 7.98 -16.73	114.49 4.63 -24.09	94.94 4.38 -13.77	82.00 4.27 -17.62	73.76 4.80 -13.74	66.06 4.54 -10.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.14 1.18 0.00	34.51 0.14 0.00	32.98 -0.40 0.00	30.27 -0.74 0.00	31.75 -0.58 0.00	32.95 -0.40 0.00	34.23 -0.10 0.00	37.88 0.19 0.00	41.63 0.90 0.00	48.25 1.72 0.00	58.47 2.89 0.00	68.40 4.05 0.00	73.48 5.76 0.00	78.50 5.61 0.00	83.73 5.70 0.00	90.40 5.60 0.00	113.14 5.39 0.00	134.42 5.67 0.00	118.60 7.86 0.00	93.66 7.89 0.00	82.71 5.91 0.00	63.96 3.85 0.00	57.43 2.21 0.00	53.65 2.60 0.00

BINGHAMTON___COGEN 23790	38.52 1.00 -0.57	35.36 0.62 -0.38	34.08 0.40 -0.30	31.35 0.22 -0.12	32.87 0.32 -0.22	34.07 0.43 -0.29	35.32 0.62 -0.37	39.18 0.87 -0.61	47.93 0.98 -6.22	54.10 1.35 -6.22	63.53 1.72 -6.22	72.82 2.25 -6.22	76.73 2.78 -6.22	82.09 2.99 -6.22	84.66 3.20 -3.43	92.05 3.31 -3.94	117.87 3.45 -6.66	141.47 3.99 -8.72	127.48 4.54 -12.20	102.74 3.95 -13.02	88.83 3.38 -8.66	67.39 2.46 -4.82	59.54 1.82 -2.49	54.34 1.68 -1.61
BIXINCNT_115KV_LOAD 355685	38.18 1.22 0.00	34.51 0.14 0.00	33.01 -0.37 0.00	30.21 -0.81 0.00	31.59 -0.74 0.00	32.95 -0.40 0.00	34.13 -0.21 0.00	38.11 0.41 0.00	41.75 1.02 0.00	48.29 1.77 0.00	58.80 3.22 0.00	68.72 4.38 0.00	73.82 6.10 0.00	79.08 6.20 0.00	84.19 6.16 0.00	91.08 6.28 0.00	113.90 6.14 0.00	135.45 6.70 0.00	119.38 8.64 0.00	94.01 8.23 0.00	83.09 6.30 0.00	64.20 4.09 0.00	57.54 2.32 0.00	53.65 2.60 0.00
BLACK RIVER___HYD 24047	39.50 1.29 -1.25	36.19 1.00 -0.83	34.83 0.80 -0.65	31.90 0.62 -0.27	33.62 0.81 -0.48	34.96 0.97 -0.64	36.28 1.13 -0.81	40.25 1.21 -1.36	55.47 1.02 -13.72	61.45 1.21 -13.72	70.69 1.39 -13.72	78.64 0.58 -13.72	82.26 0.82 -13.72	87.26 0.65 -13.72	86.14 0.55 -7.56	93.75 0.26 -8.69	119.98 0.32 -11.90	142.40 1.03 -12.62	125.05 2.00 -12.31	97.52 2.74 -9.01	86.77 2.38 -7.59	68.68 3.49 -5.09	61.75 2.32 -4.21	56.58 1.99 -3.55
BLACKRVR_115KV_TB2 79977	39.46 1.26 -1.25	36.16 0.96 -0.83	34.83 0.80 -0.65	31.90 0.62 -0.27	33.59 0.78 -0.48	34.96 0.97 -0.64	36.25 1.10 -0.81	40.26 1.21 -1.36	55.47 1.02 -13.72	61.41 1.16 -13.72	70.69 1.39 -13.72	80.00 1.93 -13.72	83.68 2.24 -13.72	88.79 2.19 -13.72	87.70 2.11 -7.56	95.44 1.95 -8.69	122.13 2.48 -11.90	144.85 3.48 -12.62	127.48 4.43 -12.31	99.24 4.46 -9.01	88.38 3.99 -7.59	68.62 3.43 -5.09	61.75 2.32 -4.21	56.58 1.99 -3.55
BLISS_WT_PWR 323608	38.36 1.40 0.00	34.54 0.17 0.00	33.01 -0.37 0.00	30.18 -0.84 0.00	31.49 -0.84 0.00	32.91 -0.43 0.00	34.13 -0.20 0.00	38.79 1.09 0.00	41.71 0.98 0.00	48.48 1.95 0.00	58.75 3.17 0.00	68.73 4.38 0.00	73.83 6.10 0.00	79.22 6.34 0.00	84.81 6.79 0.00	90.99 6.19 0.00	114.00 6.25 0.00	135.83 7.08 0.00	119.60 8.86 0.00	94.43 8.66 0.00	83.10 6.30 0.00	64.20 4.09 0.00	57.48 2.26 0.00	53.54 2.50 0.00
BLUESTONE___WT_PWR 323821	40.74 3.29 -0.49	37.41 2.71 -0.32	35.94 2.30 -0.25	33.04 1.92 -0.11	34.65 2.13 -0.19	35.97 2.37 -0.25	37.40 2.75 -0.32	41.50 3.28 -0.53	49.52 3.42 -5.37	56.03 4.14 -5.37	65.89 4.94 -5.37	75.76 6.05 -5.37	79.93 6.84 -5.37	85.61 7.36 -5.37	88.87 7.88 -2.96	96.51 8.22 -3.48	125.01 10.24 -7.01	151.76 12.49 -10.51	139.84 11.96 -17.13	115.80 9.86 -20.17	98.15 8.68 -12.68	73.57 6.79 -6.67	63.21 5.25 -2.74	57.18 4.75 -1.39
BLUE_CIRC_CHEM_DRP 24182	38.62 1.66 0.00	35.95 1.58 0.00	34.82 1.44 0.00	32.41 1.40 0.00	33.69 1.36 0.00	34.68 1.33 0.00	35.78 1.44 0.00	39.20 1.51 0.00	42.20 1.47 0.00	48.02 1.49 0.00	56.97 1.39 0.00	65.96 1.61 0.00	63.51 1.29 5.50	64.98 1.60 9.51	54.42 1.95 25.55	51.16 2.37 36.02	52.09 2.59 58.25	100.39 2.96 31.33	138.08 2.66 -24.68	180.62 1.97 -92.87	101.20 2.07 -22.33	73.22 1.86 -11.24	63.97 2.26 -6.49	53.19 2.14 0.00
BOC_GAS_DRP 24189	38.22 1.26 0.00	35.57 1.20 0.00	34.42 1.03 0.00	32.07 1.05 0.00	33.33 1.00 0.00	34.35 1.00 0.00	35.47 1.13 0.00	38.94 1.24 0.00	42.04 1.30 0.00	47.88 1.35 0.00	56.91 1.33 0.00	65.76 1.42 0.00	65.47 1.35 3.61	68.32 1.68 6.24	63.29 2.03 16.77	63.46 2.29 23.64	75.65 2.37 34.47	119.52 2.45 11.68	148.53 1.99 -35.79	174.40 1.20 -87.43	108.28 1.38 -30.10	76.25 1.32 -14.82	62.87 1.66 -6.00	52.68 1.63 0.00
BOONVILLE_115KV_TB1 79983	38.83 1.52 -0.35	35.84 1.24 -0.23	34.63 1.07 -0.18	31.99 0.90 -0.08	33.47 1.00 -0.14	34.66 1.13 -0.18	35.83 1.27 -0.23	39.55 1.47 -0.38	46.10 1.51 -3.86	52.20 1.81 -3.86	61.61 2.17 -3.86	70.85 2.64 -3.86	74.50 2.91 -3.86	79.88 3.13 -3.86	83.44 3.28 -2.13	90.64 3.39 -2.45	115.52 4.42 -3.35	137.85 5.54 -3.55	119.52 5.32 -3.47	92.68 4.37 -2.54	82.85 3.92 -2.14	64.85 3.31 -1.43	58.89 2.48 -1.18	54.24 2.19 -1.00
BORALEX_4TH_BRANCH 23824	39.55 2.59 0.00	36.67 2.30 0.00	35.45 2.07 0.00	33.00 1.98 0.00	34.33 2.00 0.00	35.32 1.97 0.00	36.63 2.30 0.00	40.26 2.56 0.00	43.42 2.69 0.00	49.46 2.93 0.00	58.80 3.22 0.00	68.02 3.67 0.00	76.77 4.00 -5.04	86.27 4.66 -8.72	106.60 5.15 -23.42	123.67 5.85 -33.01	206.59 6.79 -92.05	256.54 7.73 -120.06	296.29 6.53 -179.02	277.86 4.72 -187.37	219.79 4.45 -138.54	130.08 3.73 -66.25	70.90 3.75 -11.92	54.56 3.52 0.00
BOWLINE___1 23526	38.99 2.03 0.00	36.26 1.89 0.00	34.82 1.43 0.00	32.50 1.49 0.00	33.79 1.46 0.00	34.72 1.37 0.00	36.22 1.89 0.00	39.65 1.96 0.00	43.09 2.36 0.00	48.94 2.42 0.00	58.14 2.56 0.00	66.86 2.51 0.00	70.37 2.64 0.00	76.02 3.13 0.00	81.70 3.67 0.00	89.15 4.24 -0.11	116.06 5.28 -3.02	141.70 5.80 -7.15	131.06 4.54 -15.78	109.75 2.66 -21.32	91.69 2.46 -12.44	68.32 2.23 -5.99	59.32 2.71 -1.40	53.59 2.55 0.00
BOWLINE___2 23595	39.03 2.07 0.00	36.26 1.89 0.00	34.82 1.43 0.00	32.50 1.49 0.00	33.79 1.46 0.00	34.72 1.37 0.00	36.22 1.89 0.00	39.65 1.96 0.00	43.09 2.36 0.00	48.94 2.42 0.00	58.14 2.56 0.00	66.86 2.51 0.00	70.44 2.71 0.00	76.09 3.20 0.00	81.77 3.75 0.00	89.15 4.24 -0.11	116.06 5.28 -3.02	141.70 5.80 -7.15	131.06 4.54 -15.78	109.76 2.66 -21.32	91.70 2.46 -12.44	68.33 2.23 -5.99	59.32 2.71 -1.40	53.59 2.55 0.00
BRADY___115KV_TB2 356060	35.92 -1.03 0.00	33.65 -0.72 0.00	32.98 -0.40 0.00	30.64 -0.37 0.00	32.01 -0.32 0.00	33.08 -0.27 0.00	33.78 -0.55 0.00	36.90 -0.79 0.00	39.67 -1.06 0.00	45.18 -1.35 0.00	54.08 -1.50 0.00	62.48 -1.87 0.00	65.56 -2.17 0.00	69.97 -2.92 0.00	74.36 -3.67 0.00	80.73 -4.07 0.00	103.55 -4.20 0.00	124.25 -4.51 0.00	106.64 -4.10 0.00	82.94 -2.83 0.00	74.26 -2.53 0.00	58.43 -1.68 0.00	53.67 -1.55 0.00	49.61 -1.43 0.00
BRANSCOMB___SOLAR 323811	39.47 2.51 0.00	36.71 2.34 0.00	35.38 2.00 0.00	32.91 1.89 0.00	34.20 1.87 0.00	35.25 1.90 0.00	36.53 2.20 0.00	39.92 2.22 0.00	43.22 2.48 0.00	49.18 2.65 0.00	58.58 3.00 0.00	68.08 3.73 0.00	75.52 3.79 -4.01	84.54 4.73 -6.92	101.86 5.23 -18.60	118.51 6.28 -27.43	202.06 7.54 -86.76	265.40 9.01 -127.63	332.15 7.98 -213.43	337.21 6.35 -245.09	248.77 5.76 -166.21	144.22 4.45 -79.66	75.09 4.09 -15.79	54.72 3.68 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.28 4.32 0.00	38.11 3.75 0.00	36.69 3.30 0.00	34.21 3.19 0.00	35.43 3.10 0.00	36.35 3.00 0.00	38.11 3.78 0.00	42.03 4.33 0.00	45.78 5.05 0.00	51.60 5.07 0.00	65.58 5.78 -4.22	76.25 6.24 -5.66	77.77 6.16 -3.88	83.89 6.78 -4.22	93.72 7.65 -8.05	121.72 7.04 -29.88	149.29 9.37 -32.16	175.21 10.43 -36.03	156.18 8.53 -36.92	134.71 4.97 -43.97	104.39 5.30 -22.29	109.95 5.53 -44.31	74.99 6.02 -13.75	68.97 5.67 -12.26

BRISTLHL_115KV_TB1 79998	39.59 -0.11 -2.75	35.92 -0.27 -1.82	34.38 -0.43 -1.43	31.11 -0.50 -0.60	32.94 -0.45 -1.06	34.39 -0.37 -1.41	35.85 -0.27 -1.79	40.52 -0.15 -2.98	70.62 -0.29 -30.17	76.51 -0.19 -30.17	85.64 -0.11 -30.17	94.65 0.13 -30.17	98.24 0.34 -30.17	103.42 0.36 -30.17	95.21 0.55 -16.63	104.43 0.51 -19.11	134.13 0.22 -26.16	156.63 0.13 -27.75	138.60 0.78 -27.08	106.53 0.94 -19.81	94.25 0.77 -16.68	71.78 0.48 -11.19	64.58 0.11 -9.25	58.85 0.00 -7.81
BROOKHAVEN___DRP 24191	41.25 4.29 0.00	38.08 3.71 0.00	36.62 3.24 0.00	34.15 3.13 0.00	35.37 3.04 0.00	36.28 2.93 0.00	38.04 3.71 0.00	41.95 4.26 0.00	45.70 4.97 0.00	51.46 4.93 0.00	65.47 5.67 -4.22	76.19 6.18 -5.67	77.81 6.16 -3.92	94.70 6.78 -15.04	124.13 7.65 -38.45	227.52 7.97 -134.75	259.78 10.34 -141.68	284.24 11.59 -143.90	242.61 9.63 -122.23	217.52 5.83 -125.92	139.88 5.68 -57.40	102.01 5.59 -36.31	75.14 6.13 -13.79	76.45 5.82 -19.58
BROOKLYN_NAVY_YARD 23515	39.69 2.73 0.00	36.71 2.34 0.00	35.15 1.77 0.00	32.87 1.86 0.00	34.14 1.81 0.00	35.05 1.70 0.00	36.77 2.44 0.00	40.37 2.68 0.00	43.95 3.22 0.00	49.88 3.35 0.00	58.92 3.33 0.00	67.56 3.22 0.00	71.11 3.38 0.00	76.82 3.93 0.00	82.55 4.52 0.00	90.17 5.26 -0.11	117.60 6.68 -3.16	143.82 7.59 -7.46	134.44 5.75 -17.94	111.38 3.34 -22.26	92.94 3.15 -12.99	69.13 2.77 -6.25	60.22 3.54 -1.46	54.46 3.42 0.00
BROOKLYN___ARMY_DRP 323595	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
BROOKVLE_69_KV_TB1 55790	40.47 3.51 0.00	37.36 2.99 0.00	35.95 2.57 0.00	33.56 2.54 0.00	34.82 2.49 0.00	35.75 2.40 0.00	37.36 3.02 0.00	41.20 3.51 0.00	44.64 3.91 0.00	50.62 4.09 0.00	64.30 4.50 -4.22	74.77 4.76 -5.66	76.68 5.08 -3.87	80.08 5.83 -1.36	84.82 6.79 0.00	94.12 7.21 -2.11	120.29 9.37 -3.16	146.65 10.43 -7.47	135.64 8.42 -16.48	113.19 5.15 -22.27	94.55 4.76 -12.99	79.92 4.39 -15.42	73.65 4.69 -13.74	65.59 4.39 -10.16
BROOME_2_LFGE 323671	38.60 1.07 -0.57	35.43 0.69 -0.38	34.08 0.40 -0.30	31.38 0.25 -0.12	32.90 0.36 -0.22	34.07 0.43 -0.29	35.39 0.69 -0.37	39.36 1.05 -0.61	47.93 0.98 -6.22	54.14 1.39 -6.22	63.53 1.72 -6.22	72.82 2.25 -6.22	76.73 2.78 -6.22	82.10 2.99 -6.22	84.89 3.43 -3.43	92.09 3.30 -3.99	117.97 3.55 -6.66	141.59 4.12 -8.72	127.59 4.65 -12.20	102.91 4.12 -13.02	88.83 3.38 -8.66	67.39 2.47 -4.82	59.53 1.82 -2.49	54.33 1.68 -1.61
BROOME___LFGE 323600	38.60 1.07 -0.57	35.43 0.69 -0.38	34.08 0.40 -0.30	31.38 0.25 -0.12	32.90 0.36 -0.22	34.07 0.43 -0.29	35.39 0.69 -0.37	39.36 1.05 -0.61	47.93 0.98 -6.22	54.14 1.39 -6.22	63.53 1.72 -6.22	72.82 2.25 -6.22	76.73 2.78 -6.22	82.10 2.99 -6.22	84.89 3.43 -3.43	92.09 3.30 -3.99	117.97 3.55 -6.66	141.59 4.12 -8.72	127.59 4.65 -12.20	102.91 4.12 -13.02	88.83 3.38 -8.66	67.39 2.47 -4.82	59.53 1.82 -2.49	54.33 1.68 -1.61
BROWNFLS_115KV_TB_3_5 80003	37.31 -0.15 -0.50	34.60 -0.10 -0.33	33.61 -0.03 -0.26	31.03 -0.09 -0.11	32.52 0.00 -0.19	33.71 0.10 -0.26	34.70 0.03 -0.33	38.16 -0.08 -0.55	45.81 -0.45 -5.53	51.50 -0.56 -5.53	60.44 -0.67 -5.53	69.04 -0.84 -5.53	72.31 -0.95 -5.53	77.10 -1.31 -5.53	79.28 -1.79 -3.05	86.18 -2.12 -3.50	110.39 -2.16 -4.79	131.78 -2.06 -5.08	114.26 -1.44 -4.96	88.72 -0.69 -3.63	79.24 -0.61 -3.06	62.16 0.00 -2.05	56.80 -0.11 -1.70	52.37 -0.10 -1.43
BROWNSV1_27_KV_LOAD 356125	40.17 3.22 0.00	36.98 2.61 0.00	35.55 2.17 0.00	33.25 2.23 0.00	34.50 2.17 0.00	35.42 2.07 0.00	36.98 2.64 0.00	40.90 3.20 0.00	44.40 3.67 0.00	50.48 3.95 0.00	59.64 4.06 0.00	68.47 4.12 0.00	71.99 4.27 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.16 6.36 0.00	119.10 8.19 -3.16	145.62 9.40 -7.46	134.52 7.31 -16.47	112.67 4.63 -22.26	94.09 4.30 -12.99	70.03 3.67 -6.25	60.99 4.31 -1.46	55.07 4.03 0.00
BURROWS___LYONSDAL 23803	38.79 1.40 -0.43	35.82 1.17 -0.28	34.61 1.00 -0.22	31.94 0.84 -0.09	33.43 0.94 -0.16	34.63 1.07 -0.22	35.81 1.20 -0.28	39.51 1.36 -0.46	46.81 1.38 -4.69	52.85 1.63 -4.69	62.22 1.95 -4.69	71.42 2.38 -4.69	75.06 2.64 -4.69	80.42 2.84 -4.69	83.50 2.89 -2.59	90.74 2.97 -2.97	115.70 3.88 -4.07	138.09 5.02 -4.32	119.83 4.87 -4.21	92.97 4.12 -3.08	83.16 3.76 -2.59	64.98 3.13 -1.74	59.03 2.37 -1.44	54.35 2.09 -1.21
CAITHNESS_CC_1 323624	41.18 4.21 -0.01	38.16 3.78 -0.01	36.45 3.07 0.00	34.05 3.04 0.00	35.24 2.91 0.00	36.25 2.90 0.00	38.15 3.81 -0.01	41.85 4.15 -0.01	45.67 4.93 -0.01	51.27 4.75 0.00	65.41 5.61 -4.22	76.00 5.99 -5.67	77.81 6.16 -3.92	94.54 6.70 -14.96	123.68 7.42 -38.23	226.60 7.72 -134.08	258.00 9.37 -140.88	283.18 11.33 -143.09	241.75 9.41 -121.60	216.74 5.66 -125.31	139.39 5.45 -57.14	101.74 5.41 -36.22	74.97 5.97 -13.79	76.28 5.72 -19.53
CALPINE BETH_PAGE_GT4 24209	40.62 3.66 0.00	37.56 3.20 0.00	36.15 2.77 0.00	33.71 2.70 0.00	34.95 2.62 0.00	35.88 2.53 0.00	37.53 3.19 0.00	41.35 3.66 0.00	44.93 4.20 0.00	50.81 4.28 0.00	64.25 4.45 -4.22	74.64 4.63 -5.66	76.41 4.81 -3.87	79.96 5.54 -1.54	84.93 6.40 -0.50	95.34 6.70 -3.84	121.56 8.84 -4.97	147.79 9.79 -9.25	135.16 7.86 -16.55	113.94 4.55 -23.62	94.67 4.30 -13.57	81.39 4.27 -17.01	73.76 4.80 -13.74	65.96 4.49 -10.43
CALPINE_BETH_PAGE_GT_4 323586	40.55 3.58 -0.01	37.68 3.30 -0.01	36.05 2.67 0.00	33.65 2.63 0.00	34.85 2.52 0.00	35.85 2.50 0.00	37.64 3.30 -0.01	41.24 3.54 -0.01	44.94 4.20 -0.01	50.67 4.14 0.00	64.25 4.45 -4.22	74.64 4.64 -5.66	76.54 4.94 -3.87	79.96 5.54 -1.54	84.86 6.32 -0.51	95.45 6.70 -3.95	120.92 8.19 -4.98	147.79 9.78 -9.25	135.27 7.98 -16.55	114.02 4.63 -23.62	94.75 4.38 -13.57	81.39 4.27 -17.01	73.76 4.80 -13.74	65.96 4.49 -10.43
CALPINE_BP_GT1 23823	40.55 3.58 -0.01	37.68 3.30 -0.01	36.05 2.67 0.00	33.65 2.63 0.00	34.85 2.52 0.00	35.85 2.50 0.00	37.64 3.30 -0.01	41.24 3.54 -0.01	44.94 4.20 -0.01	50.67 4.14 0.00	64.25 4.45 -4.22	74.64 4.64 -5.66	76.54 4.94 -3.87	79.96 5.54 -1.54	84.86 6.32 -0.51	95.45 6.70 -3.95	120.92 8.19 -4.98	147.79 9.78 -9.25	135.27 7.98 -16.55	114.02 4.63 -23.62	94.75 4.38 -13.57	81.39 4.27 -17.01	73.76 4.80 -13.74	65.96 4.49 -10.43
CALSPAN___DRP 24200	38.03 1.07 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.68 -0.65 0.00	32.85 -0.50 0.00	34.13 -0.21 0.00	37.69 0.00 0.00	41.47 0.73 0.00	48.06 1.54 0.00	58.19 2.61 0.00	68.08 3.73 0.00	73.15 5.42 0.00	78.06 5.17 0.00	83.26 5.23 0.00	89.89 5.09 0.00	112.50 4.74 0.00	133.52 4.76 0.00	117.94 7.20 0.00	93.15 7.38 0.00	82.33 5.53 0.00	63.66 3.55 0.00	57.21 1.99 0.00	53.44 2.40 0.00

CALVERTON___SOLAR 323806	41.33 4.36 -0.01	38.29 3.92 -0.01	36.55 3.17 0.00	34.14 3.13 0.00	35.34 3.01 0.00	36.31 2.97 0.00	38.25 3.91 -0.01	41.96 4.26 -0.01	45.79 5.05 -0.01	51.41 4.88 0.00	65.63 5.83 -4.22	76.33 6.31 -5.67	78.15 6.50 -3.92	95.17 7.22 -15.07	124.55 7.96 -38.55	228.39 8.40 -135.19	260.03 10.24 -142.03	285.35 12.36 -144.23	243.54 10.30 -122.50	218.38 6.44 -126.17	140.46 6.15 -57.51	102.34 5.89 -36.34	75.36 6.35 -13.79	76.67 6.02 -19.61
CANDIGU_WT_PWR 323617	38.38 1.11 -0.31	34.85 0.27 -0.21	33.35 -0.20 -0.16	30.58 -0.50 -0.07	32.13 -0.32 -0.12	33.41 -0.10 -0.16	34.78 0.24 -0.20	38.98 0.94 -0.34	44.99 0.81 -3.44	51.55 1.58 -3.44	61.25 2.23 -3.44	70.82 3.03 -3.44	75.37 4.20 -3.44	80.63 4.30 -3.44	84.77 4.84 -1.90	91.22 4.24 -2.18	115.06 4.31 -2.99	136.69 4.77 -3.17	120.36 6.53 -3.09	94.73 6.69 -2.26	83.77 5.07 -1.90	64.63 3.24 -1.28	58.37 2.10 -1.06	53.98 2.04 -0.89
CARR STREET_E_SYR 24060	37.93 0.15 -0.82	34.85 -0.07 -0.55	33.54 -0.27 -0.43	30.85 -0.34 -0.18	32.36 -0.29 -0.32	33.54 -0.23 -0.42	34.80 -0.07 -0.54	38.63 0.04 -0.90	49.75 -0.04 -9.06	55.78 0.19 -9.06	64.98 0.34 -9.06	74.05 0.64 -9.06	77.74 0.95 -9.06	82.97 1.02 -9.06	84.35 1.33 -5.00	91.73 1.19 -5.74	116.69 1.08 -7.86	138.12 1.03 -8.33	120.42 1.55 -8.13	93.27 1.55 -5.95	82.96 1.15 -5.01	64.31 0.84 -3.36	58.39 0.39 -2.78	53.64 0.26 -2.34
CARTHAGE___PAPER 23857	38.97 0.96 -1.05	35.79 0.72 -0.70	34.53 0.60 -0.55	31.74 0.49 -0.23	33.35 0.61 -0.40	34.65 0.77 -0.54	35.91 0.89 -0.68	39.78 0.94 -1.14	52.97 0.69 -11.54	58.86 0.79 -11.54	68.01 0.89 -11.54	74.93 -0.96 -11.54	78.39 -0.88 -11.54	83.34 -1.09 -11.54	82.99 -1.40 -6.36	90.33 -1.78 -7.31	115.71 -2.05 -10.01	137.69 -1.68 -10.62	120.44 -0.66 -10.36	93.78 0.43 -7.58	83.57 0.39 -6.38	67.16 2.77 -4.28	60.64 1.88 -3.54	55.56 1.53 -2.99
CASSADAGA_WT_PWR 323784	38.84 1.88 0.00	34.88 0.52 0.00	33.25 -0.13 0.00	30.46 -0.56 0.00	32.04 -0.29 0.00	33.31 -0.03 0.00	34.85 0.52 0.00	39.47 1.77 0.00	42.57 1.83 0.00	49.64 3.12 0.00	60.03 4.45 0.00	70.26 5.92 0.00	75.51 7.79 0.00	80.97 8.09 0.00	86.84 8.81 0.00	92.86 8.06 0.00	116.48 8.72 0.00	138.42 9.66 0.00	122.15 11.41 0.00	96.67 10.89 0.00	84.93 8.14 0.00	65.76 5.65 0.00	58.98 3.76 0.00	54.72 3.68 0.00
CE_DUNWOOD___DRP 24194	39.55 2.59 0.00	36.53 2.17 0.00	35.18 1.80 0.00	32.84 1.83 0.00	34.14 1.81 0.00	35.08 1.73 0.00	36.50 2.16 0.00	40.29 2.60 0.00	43.71 2.97 0.00	49.69 3.16 0.00	58.86 3.28 0.00	67.69 3.35 0.00	71.18 3.45 0.00	76.97 4.08 0.00	82.87 4.84 0.00	90.06 5.26 0.00	117.59 6.68 -3.15	143.67 7.47 -7.44	133.04 5.87 -16.43	111.58 3.60 -22.21	93.21 3.46 -12.96	69.35 3.01 -6.24	60.16 3.48 -1.46	54.31 3.27 0.00
CE_MILLWOOD___DRP 24193	39.44 2.48 0.00	36.46 2.10 0.00	35.12 1.74 0.00	32.78 1.77 0.00	34.04 1.71 0.00	35.02 1.67 0.00	36.43 2.09 0.00	40.18 2.49 0.00	43.54 2.81 0.00	49.55 3.02 0.00	58.75 3.17 0.00	67.50 3.15 0.00	71.05 3.32 0.00	76.82 3.94 0.00	82.63 4.60 0.00	89.81 5.00 0.00	117.25 6.36 -3.13	143.37 7.21 -7.41	132.74 5.65 -16.35	111.39 3.52 -22.10	92.99 3.30 -12.89	69.20 2.89 -6.21	59.98 3.31 -1.45	54.16 3.11 0.00
CE_NYC2_DRP 24202	39.92 2.96 0.00	36.74 2.37 0.00	35.35 1.97 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.22 1.87 0.00	36.70 2.37 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.02 3.49 0.00	58.75 3.17 0.00	65.78 3.02 1.60	66.59 3.05 4.19	67.01 3.57 9.45	70.98 4.29 11.34	81.58 4.66 7.88	108.85 6.03 4.94	124.97 6.82 10.61	66.86 5.09 48.97	66.06 2.92 22.63	81.23 2.76 -1.67	68.94 2.58 -6.25	60.05 3.37 -1.46	54.46 3.42 0.00
CE_NYC_DRP 24195	39.84 2.88 0.00	36.70 2.34 0.00	35.28 1.90 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	44.03 3.30 0.00	50.02 3.49 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.32 3.59 0.00	77.04 4.15 0.00	82.94 4.92 0.00	90.23 5.43 0.00	117.92 7.00 -3.16	144.07 7.85 -7.46	133.19 5.98 -16.47	111.64 3.60 -22.26	93.17 3.38 -12.99	69.37 3.01 -6.25	60.38 3.70 -1.46	54.56 3.52 0.00
CHAFFEE___LFGE 323603	38.44 1.48 0.00	34.61 0.24 0.00	33.08 -0.30 0.00	30.33 -0.68 0.00	31.85 -0.48 0.00	33.05 -0.30 0.00	34.40 0.07 0.00	38.71 1.02 0.00	41.63 0.89 0.00	48.53 2.00 0.00	58.47 2.89 0.00	68.53 4.18 0.00	73.55 5.83 0.00	78.72 5.83 0.00	84.50 6.47 0.00	90.49 5.68 0.00	113.57 5.81 0.00	135.06 6.31 0.00	119.15 8.41 0.00	94.43 8.66 0.00	82.94 6.15 0.00	64.14 4.03 0.00	57.54 2.32 0.00	53.64 2.60 0.00
CHATEAUG_35_KV_LOAD 355732	35.81 -1.15 0.00	33.51 -0.86 0.00	32.81 -0.57 0.00	30.49 -0.53 0.00	31.94 -0.39 0.00	32.95 -0.40 0.00	33.68 -0.65 0.00	36.90 -0.79 0.00	39.92 -0.81 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.22 -2.12 0.00	65.29 -2.44 0.00	69.75 -3.13 0.00	73.66 -4.37 0.00	79.97 -4.83 0.00	102.48 -5.28 0.00	123.09 -5.67 0.00	105.31 -5.43 0.00	81.66 -4.12 0.00	73.11 -3.69 0.00	57.89 -2.22 0.00	53.23 -1.99 0.00	49.10 -1.94 0.00
CHATEAUG_WT_PWR 323614	35.85 -1.11 0.00	33.44 -0.93 0.00	32.81 -0.57 0.00	30.49 -0.53 0.00	31.91 -0.42 0.00	32.95 -0.40 0.00	33.61 -0.72 0.00	36.98 -0.72 0.00	40.00 -0.73 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.23 -2.12 0.00	65.29 -2.44 0.00	69.68 -3.21 0.00	73.43 -4.60 0.00	79.63 -5.18 0.00	102.04 -5.71 0.00	122.45 -6.31 0.00	104.65 -6.09 0.00	81.14 -4.63 0.00	72.80 -4.00 0.00	57.83 -2.28 0.00	53.23 -1.99 0.00	49.10 -1.94 0.00
CHAT_HIGH_FALL_HYD 323578	35.81 -1.15 0.00	33.51 -0.86 0.00	32.81 -0.57 0.00	30.49 -0.53 0.00	31.94 -0.39 0.00	32.95 -0.40 0.00	33.68 -0.65 0.00	36.90 -0.79 0.00	39.92 -0.81 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.22 -2.12 0.00	65.29 -2.44 0.00	69.75 -3.13 0.00	73.66 -4.37 0.00	79.97 -4.83 0.00	102.48 -5.28 0.00	123.09 -5.67 0.00	105.31 -5.43 0.00	81.66 -4.12 0.00	73.11 -3.69 0.00	57.89 -2.22 0.00	53.23 -1.99 0.00	49.10 -1.94 0.00
CHAUTAUQUA___LFGE 323629	38.70 1.74 0.00	34.85 0.48 0.00	33.28 -0.10 0.00	30.52 -0.50 0.00	32.04 -0.29 0.00	33.28 -0.07 0.00	34.71 0.38 0.00	39.13 1.43 0.00	42.16 1.42 0.00	49.13 2.60 0.00	59.25 3.67 0.00	69.43 5.08 0.00	74.50 6.77 0.00	79.73 6.85 0.00	85.60 7.57 0.00	91.59 6.79 0.00	114.87 7.11 0.00	136.61 7.86 0.00	120.59 9.85 0.00	95.46 9.69 0.00	83.86 7.06 0.00	64.92 4.81 0.00	58.31 3.09 0.00	54.26 3.22 0.00
CHERRYST_13_KV_LD 356241	39.99 3.03 0.00	36.81 2.44 0.00	35.42 2.04 0.00	33.09 2.08 0.00	34.37 2.04 0.00	35.28 1.93 0.00	36.84 2.51 0.00	40.75 3.05 0.00	44.23 3.50 0.00	50.29 3.77 0.00	59.42 3.84 0.00	68.21 3.86 0.00	71.72 4.00 0.00	77.48 4.59 0.00	83.49 5.46 0.00	90.74 5.94 0.00	118.56 7.65 -3.16	144.98 8.76 -7.46	133.75 6.53 -16.47	112.07 4.03 -22.26	93.55 3.76 -12.99	69.67 3.31 -6.25	60.60 3.92 -1.46	54.77 3.73 0.00

CHESTROR_138KV_BK263 355645	38.99 2.03 0.00	36.05 1.68 0.00	34.78 1.40 0.00	32.44 1.43 0.00	33.72 1.39 0.00	34.68 1.33 0.00	35.98 1.65 0.00	39.65 1.96 0.00	42.93 2.20 0.00	48.90 2.37 0.00	58.03 2.45 0.00	66.86 2.51 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.85 3.82 0.00	88.96 4.16 0.00	115.78 5.17 -2.85	141.29 5.79 -6.74	130.27 4.65 -14.88	108.79 2.92 -20.10	91.29 2.76 -11.73	68.22 2.46 -5.65	59.30 2.76 -1.32	53.59 2.55 0.00
CH_MIDHUDSON___DRP 24192	39.51 2.55 0.00	36.53 2.17 0.00	35.18 1.80 0.00	32.84 1.83 0.00	34.11 1.78 0.00	35.08 1.73 0.00	36.46 2.13 0.00	40.14 2.45 0.00	43.54 2.81 0.00	49.55 3.02 0.00	58.86 3.28 0.00	67.76 3.41 0.00	71.45 3.73 0.00	77.19 4.30 0.00	83.10 5.07 0.00	90.31 5.51 0.00	118.06 6.90 -3.40	144.66 7.85 -8.05	134.81 6.31 -17.76	113.80 4.03 -24.00	94.56 3.76 -14.00	70.10 3.25 -6.74	60.33 3.53 -1.57	54.31 3.27 0.00
CH_MISC_IPPS 23765	39.66 2.70 0.00	36.84 2.48 0.00	35.32 1.94 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.21 1.87 0.00	36.74 2.40 0.00	40.22 2.53 0.00	43.75 3.01 0.00	49.73 3.21 0.00	59.25 3.67 0.00	68.21 3.86 0.00	72.07 4.34 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.36 6.44 -0.12	119.15 8.09 -3.31	145.86 9.28 -7.82	135.43 7.42 -17.27	114.09 4.97 -23.34	94.95 4.53 -13.62	70.40 3.73 -6.56	60.67 3.92 -1.53	54.61 3.57 0.00
CH_RES_BVR_FALLS 23983	36.30 -0.66 0.00	33.78 -0.58 0.00	32.91 -0.47 0.00	30.58 -0.43 0.00	31.91 -0.42 0.00	32.91 -0.43 0.00	33.78 -0.55 0.00	37.13 -0.56 0.00	40.16 -0.57 0.00	45.87 -0.65 0.00	54.92 -0.66 0.00	63.51 -0.84 0.00	66.78 -0.95 0.00	71.72 -1.17 0.00	76.54 -1.48 0.00	83.28 -1.52 0.00	106.03 -1.73 0.00	126.95 -1.80 0.00	108.96 -1.78 0.00	84.40 -1.38 0.00	75.57 -1.23 0.00	59.09 -1.02 0.00	54.28 -0.94 0.00	50.12 -0.92 0.00
CH_RES_NIAGARA 23895	36.52 -0.44 0.00	33.03 -1.34 0.00	31.58 -1.80 0.00	28.97 -2.05 0.00	30.42 -1.91 0.00	31.51 -1.83 0.00	32.75 -1.58 0.00	35.92 -1.77 0.00	39.59 -1.14 0.00	45.87 -0.65 0.00	55.47 -0.11 0.00	64.99 0.64 0.00	69.69 1.96 0.00	74.05 1.17 0.00	78.97 0.94 0.00	85.14 0.34 0.00	106.46 -1.29 0.00	126.31 -2.45 0.00	111.74 1.00 0.00	88.60 2.83 0.00	78.33 1.54 0.00	60.71 0.60 0.00	54.67 -0.55 0.00	51.25 0.20 0.00
CH_RES_SYRACUSE 23985	38.70 0.22 -1.52	35.38 0.00 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.69 -0.22 -0.59	33.96 -0.17 -0.78	35.29 -0.03 -0.99	39.53 0.19 -1.65	57.45 0.04 -16.68	63.49 0.28 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.36 0.95 -16.68	90.66 1.09 -16.68	88.63 1.41 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.39 1.29 -15.34	127.38 1.66 -14.97	98.44 1.71 -10.95	87.41 1.38 -9.22	67.26 0.96 -6.19	60.89 0.55 -5.12	55.72 0.36 -4.32
CLINTON_WT_PWR 323605	35.85 -1.11 0.00	33.44 -0.93 0.00	32.81 -0.57 0.00	30.49 -0.53 0.00	31.91 -0.42 0.00	32.95 -0.40 0.00	33.61 -0.72 0.00	36.98 -0.72 0.00	40.00 -0.73 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.23 -2.12 0.00	65.29 -2.44 0.00	69.68 -3.21 0.00	73.43 -4.60 0.00	79.63 -5.18 0.00	102.04 -5.71 0.00	122.45 -6.31 0.00	104.65 -6.09 0.00	81.14 -4.63 0.00	72.80 -4.00 0.00	57.83 -2.28 0.00	53.23 -1.99 0.00	49.10 -1.94 0.00
CLINTON___LFGE 323618	36.26 -0.70 0.00	33.78 -0.58 0.00	33.18 -0.20 0.00	30.80 -0.22 0.00	32.26 -0.06 0.00	33.31 -0.03 0.00	34.02 -0.31 0.00	37.47 -0.22 0.00	40.53 -0.20 0.00	45.36 -1.16 0.00	54.36 -1.22 0.00	62.67 -1.67 0.00	65.70 -2.03 0.00	69.97 -2.92 0.00	73.27 -4.76 0.00	79.46 -5.34 0.00	101.93 -5.82 0.00	122.45 -6.31 0.00	104.76 -5.98 0.00	81.22 -4.55 0.00	73.04 -3.76 0.00	58.49 -1.62 0.00	54.00 -1.22 0.00	49.71 -1.33 0.00
COBBLENY_34_KV_TB1 80064	38.14 1.18 0.00	34.47 0.10 0.00	32.98 -0.40 0.00	30.24 -0.78 0.00	31.75 -0.58 0.00	32.95 -0.40 0.00	34.23 -0.10 0.00	37.88 0.19 0.00	41.63 0.90 0.00	48.25 1.72 0.00	58.47 2.89 0.00	68.47 4.12 0.00	73.55 5.82 0.00	78.57 5.69 0.00	83.80 5.77 0.00	90.57 5.77 0.00	113.36 5.60 0.00	134.68 5.92 0.00	118.82 8.08 0.00	93.84 8.06 0.00	82.94 6.14 0.00	64.08 3.97 0.00	57.48 2.26 0.00	53.65 2.60 0.00
COFFEEN___115KV_TB3 355620	39.91 1.66 -1.28	36.53 1.31 -0.85	35.15 1.10 -0.67	32.16 0.87 -0.28	33.89 1.07 -0.49	35.24 1.23 -0.66	36.58 1.41 -0.84	40.59 1.51 -1.39	56.18 1.34 -14.10	62.17 1.54 -14.10	71.52 1.83 -14.10	80.96 2.51 -14.10	84.74 2.91 -14.10	89.76 2.77 -14.10	88.54 2.73 -7.78	96.37 2.63 -8.93	123.43 3.45 -12.23	146.49 4.76 -12.97	129.05 5.65 -12.66	100.69 5.66 -9.26	89.66 5.07 -7.80	69.67 4.33 -5.23	62.53 2.98 -4.33	57.24 2.55 -3.65
COLDSPRG_115KV_BK1 355956	38.88 1.92 0.00	35.12 0.76 0.00	33.58 0.20 0.00	30.80 -0.22 0.00	32.36 0.03 0.00	33.65 0.30 0.00	35.12 0.79 0.00	39.13 1.43 0.00	42.77 2.04 0.00	49.55 3.02 0.00	60.14 4.56 0.00	70.14 5.79 0.00	75.45 7.72 0.00	80.68 7.80 0.00	86.07 8.04 0.00	92.86 8.06 0.00	116.27 8.51 0.00	138.16 9.40 0.00	121.93 11.18 0.00	95.98 10.21 0.00	84.86 8.06 0.00	65.70 5.59 0.00	58.92 3.70 0.00	54.72 3.68 0.00
COLONIE_LFGE___ 323577	39.03 2.07 0.00	36.33 1.96 0.00	35.05 1.67 0.00	32.63 1.61 0.00	33.91 1.58 0.00	34.92 1.57 0.00	36.22 1.89 0.00	39.65 1.96 0.00	42.89 2.16 0.00	48.81 2.28 0.00	58.14 2.56 0.00	67.31 2.96 0.00	76.46 3.18 -5.54	86.26 3.79 -9.59	107.99 4.21 -25.75	127.08 4.92 -37.36	216.31 5.71 -102.84	271.20 6.56 -135.88	321.65 5.53 -205.37	307.44 4.12 -217.55	239.69 3.84 -159.06	139.32 3.12 -76.08	72.18 3.09 -13.87	53.90 2.86 0.00
COOPERNY_115KV_TB1 80082	38.47 1.52 0.00	35.64 1.27 0.00	34.42 1.03 0.00	32.07 1.05 0.00	33.36 1.03 0.00	34.35 1.00 0.00	35.57 1.24 0.00	39.16 1.47 0.00	42.36 1.63 0.00	48.29 1.77 0.00	57.42 1.83 0.00	66.28 1.93 0.00	69.76 2.03 0.00	75.29 2.41 0.00	80.92 2.89 0.00	87.94 3.14 0.00	113.70 3.77 -2.18	138.15 4.25 -5.14	125.52 3.43 -11.35	103.34 2.23 -15.34	87.82 2.07 -8.95	66.34 1.92 -4.31	58.32 2.10 -1.01	52.98 1.94 0.00
COPENHAGEN_WT_PWR 323753	39.45 1.15 -1.35	36.12 0.86 -0.89	34.75 0.67 -0.70	31.83 0.53 -0.29	33.53 0.68 -0.52	34.87 0.83 -0.69	36.21 1.00 -0.88	40.25 1.09 -1.46	56.41 0.89 -14.79	62.38 1.07 -14.79	71.59 1.22 -14.79	79.65 0.51 -14.79	83.26 0.75 -14.79	88.33 0.65 -14.79	86.73 0.55 -8.15	94.43 0.26 -9.37	120.79 0.22 -12.82	143.13 0.78 -13.60	125.78 1.77 -13.27	97.97 2.49 -9.71	87.12 2.15 -8.18	68.72 3.12 -5.48	61.85 2.10 -4.54	56.65 1.79 -3.83
CORNELL_____ 23752	39.27 1.52 -0.79	35.99 1.10 -0.53	34.63 0.83 -0.41	31.81 0.62 -0.17	33.41 0.78 -0.30	34.69 0.93 -0.41	35.95 1.10 -0.52	40.02 1.47 -0.86	50.93 1.51 -8.69	57.08 1.86 -8.69	66.55 2.28 -8.69	75.93 2.90 -8.69	79.87 3.45 -8.69	85.29 3.72 -8.69	86.80 3.98 -4.79	94.55 4.24 -5.50	121.15 4.96 -8.44	145.08 6.18 -10.14	129.93 6.64 -12.54	103.63 5.75 -12.11	90.41 5.07 -8.54	68.92 3.79 -5.02	61.07 2.76 -3.08	55.74 2.45 -2.25

CORONA V_69_KV_TB1 355595	40.58 3.62 0.00	37.46 3.09 0.00	36.05 2.67 0.00	33.65 2.64 0.00	34.88 2.55 0.00	35.78 2.43 0.00	37.42 3.09 0.00	41.27 3.58 0.00	44.85 4.11 0.00	50.76 4.23 0.00	64.41 4.61 -4.22	74.70 4.70 -5.66	76.54 4.94 -3.87	79.93 5.69 -1.36	84.58 6.55 0.00	93.78 6.87 -2.11	119.86 8.94 -3.16	146.27 10.04 -7.47	138.00 8.08 -19.17	112.93 4.89 -22.27	94.32 4.53 -12.99	79.92 4.39 -15.42	73.87 4.91 -13.74	65.85 4.75 -10.06
CORTLAND_115KV_TB3 80093	39.00 1.26 -0.78	35.82 0.93 -0.52	34.49 0.70 -0.41	31.68 0.50 -0.17	33.25 0.61 -0.30	34.52 0.77 -0.40	35.77 0.93 -0.51	39.75 1.21 -0.85	50.61 1.26 -8.62	56.72 1.58 -8.62	66.20 2.00 -8.62	75.54 2.57 -8.62	79.32 2.98 -8.62	84.71 3.21 -8.62	86.29 3.51 -4.75	93.91 3.65 -5.46	119.43 4.20 -7.47	141.70 5.02 -7.92	123.90 5.43 -7.73	96.06 4.63 -5.66	85.63 4.07 -4.76	66.37 3.07 -3.19	60.13 2.26 -2.64	55.31 2.04 -2.23
COXSACKIE__GT 23611	40.17 3.21 0.00	37.46 3.09 0.00	36.02 2.64 0.00	33.62 2.61 0.00	34.88 2.55 0.00	35.98 2.63 0.00	37.25 2.92 0.00	40.56 2.86 0.00	43.62 2.89 0.00	49.46 2.93 0.00	58.75 3.17 0.00	68.14 3.80 0.00	66.03 4.13 5.83	67.69 4.88 10.08	56.71 5.77 27.09	53.70 6.62 37.72	52.54 8.41 63.63	101.68 10.56 37.64	136.20 9.08 -16.38	178.04 7.03 -85.23	99.20 6.45 -15.95	73.24 4.93 -8.20	65.98 4.75 -6.01	55.33 4.29 0.00
CPV_VALLEY__CC1 323721	38.58 1.62 0.00	35.88 1.51 0.00	34.52 1.14 0.00	32.19 1.18 0.00	33.46 1.13 0.00	34.41 1.07 0.00	35.84 1.51 0.00	39.24 1.55 0.00	42.61 1.87 0.00	48.43 1.91 0.00	57.58 2.00 0.00	66.35 2.00 0.00	69.89 2.17 0.00	75.51 2.62 0.00	81.07 3.04 0.00	88.37 3.48 -0.09	114.53 4.20 -2.57	139.47 4.63 -6.08	127.82 3.65 -13.43	106.06 2.15 -18.14	89.46 2.07 -10.59	67.07 1.87 -5.10	58.62 2.21 -1.19	53.14 2.09 0.00
CPV_VALLEY__CC2 323722	38.58 1.62 0.00	35.88 1.51 0.00	34.52 1.14 0.00	32.19 1.18 0.00	33.46 1.13 0.00	34.41 1.07 0.00	35.84 1.51 0.00	39.24 1.55 0.00	42.61 1.87 0.00	48.43 1.91 0.00	57.58 2.00 0.00	66.35 2.00 0.00	69.89 2.17 0.00	75.51 2.62 0.00	81.07 3.04 0.00	88.37 3.48 -0.09	114.53 4.20 -2.57	139.47 4.63 -6.08	127.82 3.65 -13.43	106.06 2.15 -18.14	89.46 2.07 -10.59	67.07 1.87 -5.10	58.62 2.21 -1.19	53.14 2.09 0.00
CRESCENT__HYD 24018	39.03 2.07 0.00	36.33 1.96 0.00	35.05 1.67 0.00	32.63 1.61 0.00	33.91 1.58 0.00	34.92 1.57 0.00	36.22 1.89 0.00	39.65 1.96 0.00	42.89 2.16 0.00	48.81 2.28 0.00	58.14 2.56 0.00	67.31 2.96 0.00	76.46 3.18 -5.54	86.26 3.79 -9.59	107.99 4.21 -25.75	127.08 4.92 -37.36	216.31 5.71 -102.84	271.20 6.56 -135.88	321.65 5.53 -205.37	307.44 4.12 -217.55	239.69 3.84 -159.06	139.32 3.12 -76.08	72.18 3.09 -13.87	53.90 2.86 0.00
CRICKET__VALLEY_CC1 323756	39.14 2.18 0.00	36.43 2.06 0.00	35.02 1.64 0.00	32.69 1.67 0.00	33.94 1.62 0.00	34.92 1.57 0.00	36.39 2.06 0.00	39.80 2.11 0.00	43.18 2.44 0.00	49.08 2.56 0.00	58.30 2.72 0.00	67.18 2.83 0.00	71.42 3.05 -0.64	77.57 3.57 -1.11	85.07 4.05 -2.98	93.81 4.66 -4.34	125.69 5.60 -12.33	151.54 6.05 -16.73	141.57 4.87 -25.97	117.00 3.08 -28.14	99.93 2.99 -20.14	72.39 2.64 -9.64	60.05 3.04 -1.80	53.95 2.91 0.00
CRICKET__VALLEY_CC2 323757	39.14 2.18 0.00	36.43 2.06 0.00	35.02 1.64 0.00	32.69 1.67 0.00	33.94 1.62 0.00	34.92 1.57 0.00	36.39 2.06 0.00	39.80 2.11 0.00	43.18 2.44 0.00	49.08 2.56 0.00	58.30 2.72 0.00	67.18 2.83 0.00	71.42 3.05 -0.64	77.57 3.57 -1.11	85.07 4.05 -2.98	93.81 4.66 -4.34	125.69 5.60 -12.33	151.54 6.05 -16.73	141.57 4.87 -25.97	117.00 3.08 -28.14	99.93 2.99 -20.14	72.39 2.64 -9.64	60.05 3.04 -1.80	53.95 2.91 0.00
CRICKET__VALLEY_CC3 323758	39.14 2.18 0.00	36.43 2.06 0.00	35.02 1.64 0.00	32.69 1.67 0.00	33.94 1.62 0.00	34.92 1.57 0.00	36.39 2.06 0.00	39.80 2.11 0.00	43.18 2.44 0.00	49.08 2.56 0.00	58.30 2.72 0.00	67.18 2.83 0.00	71.42 3.05 -0.64	77.57 3.57 -1.11	85.07 4.05 -2.98	93.81 4.66 -4.34	125.69 5.60 -12.33	151.54 6.05 -16.73	141.57 4.87 -25.97	117.00 3.08 -28.14	99.93 2.99 -20.14	72.39 2.64 -9.64	60.05 3.04 -1.80	53.95 2.91 0.00
CRUCIBLE_METL_DRP 24180	38.66 0.18 -1.52	35.34 -0.03 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.66 -0.26 -0.59	33.96 -0.17 -0.78	35.25 -0.07 -0.99	39.49 0.15 -1.65	57.45 0.04 -16.68	63.44 0.23 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.43 1.02 -16.68	90.66 1.09 -16.68	88.47 1.25 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.26 1.16 -15.34	127.38 1.66 -14.97	98.36 1.63 -10.95	87.40 1.38 -9.22	67.26 0.96 -6.19	60.83 0.50 -5.12	55.72 0.36 -4.32
DAHOWA__HYDRO 323763	39.62 2.66 0.00	36.84 2.48 0.00	35.49 2.10 0.00	33.00 1.99 0.00	34.27 1.94 0.00	35.35 2.00 0.00	36.67 2.34 0.00	40.07 2.38 0.00	43.42 2.69 0.00	49.36 2.84 0.00	58.75 3.17 0.00	68.40 4.06 0.00	75.63 4.13 -3.77	84.50 5.10 -6.51	101.22 5.69 -17.50	117.48 6.79 -25.89	200.37 8.41 -84.21	265.01 10.05 -126.20	334.05 8.97 -214.34	341.80 7.12 -248.91	250.30 6.45 -167.05	145.13 4.93 -80.09	75.69 4.42 -16.05	54.97 3.93 0.00
DANC__LFGE 323619	39.31 0.67 -1.69	35.93 0.45 -1.12	34.50 0.24 -0.88	31.50 0.12 -0.37	33.21 0.23 -0.65	34.58 0.37 -0.87	35.95 0.52 -1.10	40.09 0.57 -1.83	59.68 0.41 -18.54	65.62 0.56 -18.54	74.79 0.67 -18.54	83.21 0.32 -18.54	86.80 0.54 -18.54	91.86 0.44 -18.54	88.80 0.55 -10.22	96.72 0.17 -11.74	123.83 0.00 -16.07	145.93 0.13 -17.05	128.49 1.11 -16.64	99.66 1.71 -12.17	88.43 1.38 -10.25	69.03 2.04 -6.87	62.23 1.32 -5.69	56.91 1.07 -4.80
DANSKAMMER__1 23586	39.66 2.70 0.00	36.84 2.48 0.00	35.32 1.94 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.21 1.87 0.00	36.74 2.40 0.00	40.22 2.53 0.00	43.75 3.01 0.00	49.73 3.21 0.00	59.25 3.67 0.00	68.21 3.86 0.00	72.07 4.34 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.36 6.44 -0.12	119.15 8.09 -3.31	145.86 9.28 -7.82	135.43 7.42 -17.27	114.09 4.97 -23.34	94.95 4.53 -13.62	70.40 3.73 -6.56	60.67 3.92 -1.53	54.61 3.57 0.00
DANSKAMMER__2 23589	39.66 2.70 0.00	36.84 2.48 0.00	35.32 1.94 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.21 1.87 0.00	36.74 2.40 0.00	40.22 2.53 0.00	43.75 3.01 0.00	49.73 3.21 0.00	59.25 3.67 0.00	68.21 3.86 0.00	72.07 4.34 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.36 6.44 -0.12	119.15 8.09 -3.31	145.86 9.28 -7.82	135.43 7.42 -17.27	114.09 4.97 -23.34	94.95 4.53 -13.62	70.40 3.73 -6.56	60.67 3.92 -1.53	54.61 3.57 0.00
DANSKAMMER__3 23590	39.66 2.70 0.00	36.84 2.48 0.00	35.32 1.94 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.21 1.87 0.00	36.74 2.40 0.00	40.22 2.53 0.00	43.75 3.01 0.00	49.73 3.21 0.00	59.25 3.67 0.00	68.21 3.86 0.00	72.07 4.34 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.36 6.44 -0.12	119.15 8.09 -3.31	145.86 9.28 -7.82	135.43 7.42 -17.27	114.09 4.97 -23.34	94.95 4.53 -13.62	70.40 3.73 -6.56	60.67 3.92 -1.53	54.61 3.57 0.00

DANSKAMMER___4 23591	39.66 2.70 0.00	36.84 2.48 0.00	35.32 1.94 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.21 1.87 0.00	36.74 2.40 0.00	40.22 2.53 0.00	43.75 3.01 0.00	49.73 3.21 0.00	59.25 3.67 0.00	68.21 3.86 0.00	72.07 4.34 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.36 6.44 -0.12	119.15 8.09 -3.31	145.86 9.28 -7.82	135.43 7.42 -17.27	114.09 4.97 -23.34	94.95 4.53 -13.62	70.40 3.73 -6.56	60.67 3.92 -1.53	54.61 3.57 0.00
DANSKAMMER___DIESEL 23592	39.73 2.77 0.00	36.74 2.37 0.00	35.35 1.97 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.25 1.90 0.00	36.60 2.27 0.00	40.33 2.64 0.00	43.75 3.01 0.00	49.83 3.30 0.00	59.25 3.67 0.00	68.21 3.86 0.00	71.99 4.27 0.00	77.84 4.96 0.00	83.88 5.85 0.00	91.16 6.36 0.00	119.15 8.08 -3.31	145.72 9.14 -7.82	135.43 7.42 -17.27	114.00 4.89 -23.34	94.95 4.53 -13.62	70.39 3.73 -6.56	60.67 3.92 -1.53	54.62 3.57 0.00
DARBY___SOLAR 323810	39.47 2.51 0.00	36.71 2.34 0.00	35.38 2.00 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.25 1.90 0.00	36.56 2.23 0.00	39.99 2.30 0.00	43.34 2.61 0.00	49.27 2.74 0.00	58.69 3.11 0.00	68.21 3.86 0.00	75.72 3.99 -3.99	84.67 4.88 -6.90	102.04 5.46 -18.55	118.60 6.44 -27.36	202.25 7.86 -86.64	265.71 9.39 -127.56	332.52 8.31 -213.47	337.57 6.52 -245.28	248.88 5.83 -166.25	144.31 4.51 -79.69	75.11 4.09 -15.80	54.72 3.68 0.00
DASHVILLE___HYD 23610	39.18 2.22 0.00	36.22 1.86 0.00	34.88 1.50 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.78 1.43 0.00	36.12 1.79 0.00	39.73 2.04 0.00	43.09 2.36 0.00	48.99 2.47 0.00	58.19 2.61 0.00	66.92 2.57 0.00	69.88 3.59 1.44	74.55 4.15 2.49	76.33 4.99 6.69	80.71 5.34 9.43	101.28 6.79 13.26	132.98 7.73 3.50	132.78 5.20 -16.83	126.42 2.32 -38.33	93.05 2.23 -14.02	69.04 2.04 -6.88	60.27 2.43 -2.62	53.85 2.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.24 5.29 0.00	38.97 4.61 0.00	37.49 4.11 0.00	34.92 3.91 0.00	36.18 3.85 0.00	37.12 3.77 0.00	38.97 4.64 0.00	42.93 5.24 0.00	46.92 6.19 0.00	52.95 6.42 0.00	67.47 7.67 -4.22	78.64 8.62 -5.67	80.66 9.01 -3.92	97.99 9.99 -15.12	127.86 11.16 -38.67	232.28 11.96 -135.52	265.12 14.87 -142.49	290.19 16.74 -144.69	247.67 14.06 -122.87	221.47 9.18 -126.52	143.44 8.99 -57.66	104.50 7.99 -36.39	77.01 8.01 -13.79	78.14 7.45 -19.64
DELAWARE___LFGE 323621	38.99 1.77 -0.26	36.12 1.58 -0.17	34.88 1.37 -0.13	32.34 1.27 -0.06	33.72 1.29 -0.10	34.85 1.37 -0.13	36.05 1.55 -0.17	39.71 1.73 -0.28	45.47 1.91 -2.82	51.54 2.19 -2.82	60.90 2.50 -2.82	70.00 2.83 -2.82	73.73 3.18 -2.82	79.21 3.50 -2.82	83.49 3.90 -1.56	90.75 4.16 -1.79	118.99 4.63 -6.61	146.59 5.41 -12.42	139.95 4.98 -24.23	120.80 3.86 -31.17	99.07 3.61 -18.67	72.40 3.01 -9.28	60.66 2.65 -2.79	54.22 2.45 -0.73
DERFIELD_115KV_TB7 355931	37.37 0.41 0.00	34.71 0.34 0.00	33.65 0.27 0.00	31.26 0.25 0.00	32.59 0.26 0.00	33.58 0.23 0.00	34.64 0.31 0.00	38.07 0.38 0.00	41.14 0.41 0.00	46.99 0.47 0.00	56.08 0.50 0.00	64.93 0.58 0.00	68.41 0.68 0.00	73.69 0.80 0.00	78.97 0.94 0.00	85.82 1.02 0.00	108.83 1.08 0.00	129.92 1.16 0.00	111.74 1.00 0.00	86.46 0.69 0.00	77.49 0.69 0.00	60.71 0.60 0.00	55.83 0.61 0.00	51.60 0.56 0.00
DOGLEVILLE___HYD 23807	37.25 0.29 0.00	34.64 0.27 0.00	33.52 0.13 0.00	31.11 0.09 0.00	32.46 0.13 0.00	33.52 0.17 0.00	34.61 0.27 0.00	37.99 0.30 0.00	41.10 0.37 0.00	46.94 0.42 0.00	56.08 0.50 0.00	64.99 0.64 0.00	68.47 0.75 0.00	73.76 0.88 0.00	78.97 0.94 0.00	85.56 0.76 0.00	108.51 0.76 0.00	129.53 0.78 0.00	111.52 0.78 0.00	86.29 0.52 0.00	77.26 0.46 0.00	60.59 0.48 0.00	55.72 0.50 0.00	51.50 0.46 0.00
DUNKIRK___115KV_TB_200 55889	38.36 1.40 0.00	34.64 0.27 0.00	33.15 -0.23 0.00	30.39 -0.62 0.00	31.94 -0.39 0.00	33.15 -0.20 0.00	34.51 0.17 0.00	38.26 0.57 0.00	42.04 1.30 0.00	48.76 2.23 0.00	59.08 3.50 0.00	69.11 4.76 0.00	74.30 6.57 0.00	79.30 6.41 0.00	84.58 6.55 0.00	91.33 6.53 0.00	114.33 6.57 0.00	135.84 7.08 0.00	119.93 9.19 0.00	94.61 8.83 0.00	83.63 6.83 0.00	64.68 4.57 0.00	58.09 2.87 0.00	54.10 3.06 0.00
DUNKIRK___1 23563	38.36 1.40 0.00	34.64 0.27 0.00	33.15 -0.23 0.00	30.39 -0.62 0.00	31.94 -0.39 0.00	33.15 -0.20 0.00	34.51 0.17 0.00	38.26 0.57 0.00	42.04 1.30 0.00	48.76 2.23 0.00	59.08 3.50 0.00	69.11 4.76 0.00	74.30 6.57 0.00	79.30 6.41 0.00	84.58 6.55 0.00	91.33 6.53 0.00	114.33 6.57 0.00	135.84 7.08 0.00	119.93 9.19 0.00	94.61 8.83 0.00	83.63 6.83 0.00	64.68 4.57 0.00	58.09 2.87 0.00	54.10 3.06 0.00
DUNKIRK___2 23564	38.36 1.40 0.00	34.64 0.27 0.00	33.15 -0.23 0.00	30.39 -0.62 0.00	31.94 -0.39 0.00	33.15 -0.20 0.00	34.51 0.17 0.00	38.26 0.57 0.00	42.04 1.30 0.00	48.76 2.23 0.00	59.08 3.50 0.00	69.11 4.76 0.00	74.30 6.57 0.00	79.30 6.41 0.00	84.58 6.55 0.00	91.33 6.53 0.00	114.33 6.57 0.00	135.84 7.08 0.00	119.93 9.19 0.00	94.61 8.83 0.00	83.63 6.83 0.00	64.68 4.57 0.00	58.09 2.87 0.00	54.10 3.06 0.00
DUNKIRK___3 23565	38.14 1.18 0.00	34.51 0.14 0.00	33.01 -0.37 0.00	30.27 -0.74 0.00	31.78 -0.55 0.00	32.98 -0.37 0.00	34.30 -0.03 0.00	38.00 0.30 0.00	41.71 0.98 0.00	48.34 1.81 0.00	58.58 3.00 0.00	68.53 4.18 0.00	73.55 5.82 0.00	78.57 5.69 0.00	83.80 5.77 0.00	90.48 5.68 0.00	113.25 5.50 0.00	134.55 5.79 0.00	118.82 8.08 0.00	93.75 7.98 0.00	82.86 6.07 0.00	64.08 3.97 0.00	57.59 2.37 0.00	53.70 2.65 0.00
DUNKIRK___4 23566	38.14 1.18 0.00	34.51 0.14 0.00	33.01 -0.37 0.00	30.27 -0.74 0.00	31.78 -0.55 0.00	32.98 -0.37 0.00	34.30 -0.03 0.00	38.00 0.30 0.00	41.71 0.98 0.00	48.34 1.81 0.00	58.58 3.00 0.00	68.53 4.18 0.00	73.55 5.82 0.00	78.57 5.69 0.00	83.80 5.77 0.00	90.48 5.68 0.00	113.25 5.50 0.00	134.55 5.79 0.00	118.82 8.08 0.00	93.75 7.98 0.00	82.86 6.07 0.00	64.08 3.97 0.00	57.59 2.37 0.00	53.70 2.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.66 2.70 0.00	36.64 2.27 0.00	35.25 1.87 0.00	32.94 1.92 0.00	34.20 1.88 0.00	35.15 1.80 0.00	36.60 2.27 0.00	40.45 2.75 0.00	43.87 3.14 0.00	49.88 3.35 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.39 3.66 0.00	77.19 4.30 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.81 6.90 -3.16	144.07 7.85 -7.46	133.42 6.20 -16.47	111.90 3.86 -22.26	93.40 3.61 -12.99	69.49 3.13 -6.25	60.32 3.64 -1.46	54.46 3.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.29 2.33 0.00	36.33 1.96 0.00	35.02 1.64 0.00	32.66 1.64 0.00	33.95 1.62 0.00	34.92 1.57 0.00	36.26 1.92 0.00	39.92 2.22 0.00	43.26 2.53 0.00	49.22 2.70 0.00	58.47 2.89 0.00	67.37 3.02 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.63 4.60 0.00	89.81 5.00 0.00	117.29 6.36 -3.18	143.48 7.21 -7.52	133.09 5.76 -16.59	111.88 3.69 -22.42	93.26 3.38 -13.08	69.35 2.95 -6.30	59.89 3.20 -1.47	54.00 2.96 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.04 3.07 -0.01	36.88 2.51 -0.01	35.46 2.07 -0.01	33.16 2.14 -0.01	34.41 2.07 -0.01	35.32 1.97 -0.01	36.77 2.44 0.00	40.56 2.86 0.00	43.83 3.10 0.00	49.83 3.30 0.00	58.69 3.11 0.00	67.43 3.09 0.01	70.77 3.05 0.01	76.52 3.64 0.01	82.39 4.37 0.01	89.54 4.75 0.01	117.05 6.14 -3.15	143.16 6.95 -7.45	132.41 5.20 -16.47	110.94 2.92 -22.25	92.62 2.84 -12.98	69.06 2.70 -6.25	60.17 3.48 -1.47	54.57 3.52 -0.01
E179THST_13_KV_LOAD 356214	40.29 3.33 -0.01	37.06 2.68 -0.01	35.63 2.24 -0.01	33.32 2.29 -0.01	34.60 2.26 -0.01	35.49 2.13 -0.01	36.98 2.64 0.00	40.78 3.09 0.00	44.07 3.34 0.00	50.16 3.63 0.00	59.08 3.50 0.00	67.88 3.54 0.01	71.31 3.59 0.01	77.03 4.15 0.01	83.01 4.99 0.01	90.22 5.43 0.01	117.91 7.00 -3.15	144.20 7.98 -7.45	133.30 6.09 -16.47	111.71 3.69 -22.25	93.23 3.46 -12.98	69.48 3.13 -6.25	60.55 3.87 -1.47	54.93 3.88 -0.01
EAST HAMPTON___GT 23717	42.88 5.91 -0.01	39.70 5.33 -0.01	37.92 4.54 0.00	35.35 4.34 0.00	36.60 4.27 0.00	37.62 4.27 0.00	39.66 5.32 -0.01	43.50 5.80 -0.01	47.70 6.96 -0.01	53.74 7.21 0.00	68.69 8.89 -4.22	79.99 9.97 -5.67	82.28 10.63 -3.92	99.89 11.88 -15.12	129.75 13.03 -38.69	234.55 14.08 -135.66	265.90 15.62 -142.53	292.14 18.66 -144.72	249.35 15.72 -122.89	222.69 10.37 -126.54	145.30 10.83 -57.67	105.88 9.37 -36.39	78.12 9.11 -13.79	79.16 8.48 -19.64
EAST RIVER___6 23660	39.84 2.88 0.00	36.81 2.44 0.00	35.28 1.90 0.00	33.00 1.99 0.00	34.24 1.91 0.00	35.11 1.77 0.00	36.84 2.51 0.00	40.41 2.72 0.00	43.99 3.26 0.00	49.92 3.39 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.45 3.72 0.00	77.18 4.30 0.00	83.03 5.00 0.00	90.68 5.77 -0.11	118.24 7.33 -3.16	144.47 8.25 -7.46	133.41 6.20 -16.47	111.64 3.60 -22.26	93.32 3.53 -12.99	69.37 3.00 -6.25	60.44 3.76 -1.46	54.61 3.57 0.00
EAST RIVER___7 23524	39.84 2.88 0.00	36.81 2.44 0.00	35.28 1.90 0.00	33.00 1.99 0.00	34.24 1.91 0.00	35.11 1.77 0.00	36.84 2.51 0.00	40.41 2.72 0.00	43.99 3.26 0.00	49.92 3.39 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.45 3.72 0.00	77.18 4.30 0.00	83.03 5.00 0.00	90.68 5.77 -0.11	118.24 7.33 -3.16	144.47 8.25 -7.46	133.41 6.20 -16.47	111.64 3.60 -22.26	93.32 3.53 -12.99	69.37 3.00 -6.25	60.44 3.76 -1.46	54.61 3.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.55 2.59 0.00	36.53 2.17 0.00	35.18 1.80 0.00	32.84 1.83 0.00	34.14 1.81 0.00	35.08 1.73 0.00	36.50 2.16 0.00	40.29 2.60 0.00	43.71 2.97 0.00	49.69 3.16 0.00	58.86 3.28 0.00	67.69 3.35 0.00	71.18 3.45 0.00	76.97 4.08 0.00	82.87 4.84 0.00	90.06 5.26 0.00	117.59 6.68 -3.15	143.67 7.47 -7.44	133.04 5.87 -16.43	111.58 3.60 -22.21	93.21 3.46 -12.96	69.35 3.01 -6.24	60.16 3.48 -1.46	54.31 3.27 0.00
EAST_HAMPTON___DIESEL 23722	42.88 5.91 -0.01	39.70 5.33 -0.01	37.92 4.54 0.00	35.35 4.34 0.00	36.63 4.30 0.00	37.65 4.30 0.00	39.70 5.35 -0.01	43.54 5.84 -0.01	47.70 6.96 -0.01	53.78 7.26 0.00	68.69 8.89 -4.22	80.05 10.03 -5.67	82.35 10.70 -3.92	99.96 11.95 -15.12	129.75 13.03 -38.69	234.62 14.16 -135.66	266.02 15.73 -142.53	292.28 18.80 -144.72	249.46 15.83 -122.89	222.78 10.46 -126.54	145.30 10.83 -57.67	105.88 9.37 -36.39	78.18 9.17 -13.79	79.16 8.48 -19.64
EAST_POINT___SOLAR 323840	41.76 4.80 0.00	38.70 4.33 0.00	37.19 3.80 0.00	34.52 3.50 0.00	35.92 3.59 0.00	37.05 3.70 0.00	37.94 3.60 0.00	40.86 3.17 0.00	43.75 3.01 0.00	50.02 3.49 0.00	59.47 3.89 0.00	68.53 4.18 0.00	74.38 5.01 -1.64	80.83 5.10 -2.84	91.59 5.93 -7.64	103.36 6.70 -11.86	168.57 8.19 -52.63	233.45 12.10 -92.60	302.61 15.50 -176.37	320.05 13.72 -220.55	227.38 12.37 -138.21	135.88 9.37 -66.40	77.52 7.95 -14.35	58.04 6.99 0.00
EAST_PULASKI___ESR 323781	39.60 0.22 -2.41	36.01 0.03 -1.60	34.51 -0.13 -1.26	31.29 -0.25 -0.52	33.10 -0.16 -0.93	34.52 -0.07 -1.24	35.98 0.07 -1.57	40.39 0.08 -2.62	67.15 -0.12 -26.54	73.07 0.00 -26.54	82.18 0.06 -26.54	90.89 0.00 -26.54	94.47 0.20 -26.54	99.57 0.15 -26.54	92.97 0.31 -14.63	101.62 0.00 -16.81	130.45 -0.32 -23.01	152.78 -0.39 -24.41	135.01 0.44 -23.82	104.14 0.95 -17.43	92.16 0.69 -14.68	70.91 0.96 -9.84	63.80 0.44 -8.14	58.22 0.31 -6.87
EAST_RIVER___1 323558	39.81 2.85 0.00	36.81 2.44 0.00	35.28 1.90 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.84 2.51 0.00	40.44 2.75 0.00	44.03 3.30 0.00	49.92 3.39 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.38 3.65 0.00	77.11 4.23 0.00	82.87 4.84 0.00	90.51 5.60 -0.11	118.02 7.11 -3.16	144.21 7.99 -7.46	133.30 6.09 -16.47	111.72 3.69 -22.26	93.25 3.46 -12.99	69.37 3.00 -6.25	60.32 3.64 -1.46	54.56 3.52 0.00
EAST_RIVER___2 323559	39.84 2.88 0.00	36.81 2.44 0.00	35.28 1.90 0.00	33.00 1.99 0.00	34.24 1.91 0.00	35.11 1.77 0.00	36.84 2.51 0.00	40.41 2.72 0.00	43.99 3.26 0.00	49.92 3.39 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.45 3.72 0.00	77.18 4.30 0.00	83.03 5.00 0.00	90.68 5.77 -0.11	118.24 7.33 -3.16	144.47 8.25 -7.46	133.41 6.20 -16.47	111.64 3.60 -22.26	93.32 3.53 -12.99	69.37 3.00 -6.25	60.44 3.76 -1.46	54.61 3.57 0.00
EAST___DELAWARE_HYD 23607	38.51 1.55 0.00	35.74 1.38 0.00	34.31 0.93 0.00	32.01 0.99 0.00	33.23 0.90 0.00	34.21 0.87 0.00	35.64 1.30 0.00	38.98 1.28 0.00	42.36 1.63 0.00	47.78 1.26 0.00	56.86 1.28 0.00	65.51 1.16 0.00	69.22 1.49 0.00	74.78 1.89 0.00	80.53 2.50 0.00	87.89 2.97 -0.12	115.09 3.87 -3.46	141.44 4.50 -8.18	132.34 3.54 -18.05	112.23 2.06 -24.40	92.95 1.92 -14.24	69.13 2.16 -6.85	59.09 2.26 -1.60	53.03 1.99 0.00
EIGHT_POINT___WT_PWR 323820	38.75 1.48 -0.32	35.13 0.55 -0.21	33.58 0.03 -0.16	30.74 -0.34 -0.07	32.35 -0.10 -0.12	33.78 0.27 -0.16	35.23 0.69 -0.21	39.69 1.66 -0.34	45.62 1.42 -3.47	52.41 2.42 -3.47	62.27 3.22 -3.47	72.13 4.31 -3.47	76.81 5.62 -3.47	82.19 5.83 -3.47	86.34 6.40 -1.91	92.77 5.77 -2.20	116.90 6.14 -3.01	139.15 7.21 -3.19	122.82 8.97 -3.11	96.80 8.75 -2.28	85.55 6.83 -1.92	65.96 4.57 -1.29	59.37 3.09 -1.06	54.85 2.91 -0.90
ELBRIDGE_115KV_TB2 80188	38.71 0.15 -1.61	35.37 -0.07 -1.07	33.99 -0.23 -0.84	31.02 -0.34 -0.35	32.66 -0.29 -0.62	33.97 -0.20 -0.83	35.28 -0.10 -1.05	39.51 0.08 -1.75	58.44 0.04 -17.67	64.43 0.23 -17.67	73.64 0.39 -17.67	82.72 0.71 -17.67	86.41 1.02 -17.67	91.64 1.09 -17.67	89.02 1.25 -9.74	97.27 1.27 -11.19	124.15 1.08 -15.32	146.16 1.16 -16.25	128.37 1.77 -15.86	99.09 1.72 -11.60	88.03 1.46 -9.77	67.68 1.02 -6.55	61.19 0.55 -5.42	56.02 0.41 -4.57
ELEC_TRO_TEK 24086	40.29 3.33 0.00	37.22 2.85 0.00	35.82 2.44 0.00	33.43 2.42 0.00	34.66 2.33 0.00	35.58 2.23 0.00	37.18 2.85 0.00	41.05 3.35 0.00	44.56 3.83 0.00	50.43 3.91 0.00	64.02 4.22 -4.22	74.38 4.38 -5.66	76.14 4.54 -3.87	79.42 5.17 -1.36	84.04 6.01 0.00	93.27 6.36 -2.11	119.21 8.30 -3.16	145.36 9.14 -7.47	134.53 7.31 -16.48	112.24 4.20 -22.27	93.78 3.99 -12.99	79.50 3.97 -15.42	73.49 4.53 -13.74	65.42 4.29 -10.09

ELLENBURG_WT_PWR 323604	35.85 -1.11 0.00	33.44 -0.93 0.00	32.81 -0.57 0.00	30.49 -0.53 0.00	31.91 -0.42 0.00	32.95 -0.40 0.00	33.61 -0.72 0.00	36.98 -0.72 0.00	40.00 -0.73 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.23 -2.12 0.00	65.29 -2.44 0.00	69.68 -3.21 0.00	73.43 -4.60 0.00	79.63 -5.18 0.00	102.04 -5.71 0.00	122.45 -6.31 0.00	104.65 -6.09 0.00	81.14 -4.63 0.00	72.80 -4.00 0.00	57.83 -2.28 0.00	53.23 -1.99 0.00	49.10 -1.94 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.74 0.78 0.00	34.16 -0.21 0.00	32.65 -0.73 0.00	29.96 -1.05 0.00	31.46 -0.87 0.00	32.61 -0.73 0.00	33.89 -0.45 0.00	37.39 -0.30 0.00	41.14 0.41 0.00	47.64 1.12 0.00	57.69 2.11 0.00	67.57 3.22 0.00	72.54 4.81 0.00	77.33 4.45 0.00	82.48 4.45 0.00	89.04 4.24 0.00	111.42 3.66 0.00	132.23 3.48 0.00	116.72 5.98 0.00	92.29 6.52 0.00	81.56 4.76 0.00	63.12 3.01 0.00	56.77 1.55 0.00	53.03 1.99 0.00
EMPIRE_CC_1 323656	38.73 1.77 0.00	36.09 1.72 0.00	34.82 1.43 0.00	32.44 1.43 0.00	33.72 1.39 0.00	34.72 1.37 0.00	36.02 1.68 0.00	39.31 1.62 0.00	42.48 1.75 0.00	48.39 1.86 0.00	57.53 1.94 0.00	66.54 2.19 0.00	75.92 2.30 -5.89	85.77 2.70 -10.19	108.43 3.04 -27.37	127.27 3.56 -38.91	198.67 3.99 -86.93	224.56 4.24 -91.56	215.91 3.54 -101.63	161.77 2.40 -73.60	156.25 2.38 -77.07	98.79 2.10 -36.58	61.94 2.32 -4.40	53.29 2.24 0.00
EMPIRE_CC_2 323658	38.73 1.77 0.00	36.09 1.72 0.00	34.82 1.43 0.00	32.44 1.43 0.00	33.72 1.39 0.00	34.72 1.37 0.00	36.02 1.68 0.00	39.31 1.62 0.00	42.48 1.75 0.00	48.39 1.86 0.00	57.53 1.94 0.00	66.54 2.19 0.00	75.92 2.30 -5.89	85.77 2.70 -10.19	108.43 3.04 -27.37	127.27 3.56 -38.91	198.67 3.99 -86.93	224.56 4.24 -91.56	215.91 3.54 -101.63	161.77 2.40 -73.60	156.25 2.38 -77.07	98.79 2.10 -36.58	61.94 2.32 -4.40	53.29 2.24 0.00
ENORWICH_115KV_TB1 80156	41.47 3.92 -0.59	37.96 3.20 -0.39	36.43 2.74 -0.31	33.44 2.29 -0.13	35.14 2.59 -0.23	36.55 2.90 -0.30	37.95 3.23 -0.38	42.07 3.73 -0.64	51.17 3.95 -6.49	57.67 4.65 -6.49	67.74 5.67 -6.49	77.72 6.89 -6.49	82.00 7.79 -6.49	87.75 8.38 -6.49	90.34 8.74 -3.58	98.33 9.41 -4.11	127.25 11.96 -7.54	154.18 14.94 -10.49	141.16 14.62 -15.80	115.61 12.09 -17.75	99.16 10.91 -11.46	74.78 8.48 -6.20	64.50 6.41 -2.87	58.44 5.72 -1.68
ERIE_ST_34_KV_TB1-2 80199	38.25 1.29 0.00	34.57 0.21 0.00	33.05 -0.33 0.00	30.33 -0.68 0.00	31.84 -0.48 0.00	33.05 -0.30 0.00	34.37 0.03 0.00	38.03 0.34 0.00	41.83 1.10 0.00	48.48 1.95 0.00	58.69 3.11 0.00	68.79 4.44 0.00	73.89 6.16 0.00	79.08 6.20 0.00	84.51 6.48 0.00	91.33 6.53 0.00	114.54 6.79 0.00	136.10 7.34 0.00	120.04 9.30 0.00	94.61 8.83 0.00	83.56 6.76 0.00	64.56 4.45 0.00	57.93 2.71 0.00	53.95 2.91 0.00
ERIE_WT_PWR 323693	38.36 1.40 0.00	34.58 0.21 0.00	33.05 -0.33 0.00	30.30 -0.71 0.00	31.81 -0.52 0.00	32.98 -0.37 0.00	34.33 0.00 0.00	38.60 0.90 0.00	41.50 0.77 0.00	48.39 1.86 0.00	58.25 2.67 0.00	68.27 3.93 0.00	73.21 5.48 0.00	78.28 5.39 0.00	84.04 6.01 0.00	89.89 5.09 0.00	112.71 4.96 0.00	134.04 5.28 0.00	118.27 7.53 0.00	93.93 8.15 0.00	82.48 5.68 0.00	63.84 3.73 0.00	57.37 2.15 0.00	53.49 2.45 0.00
ESPRGFLD_115KV_TB1 80157	40.62 3.66 0.00	37.56 3.20 0.00	36.22 2.84 0.00	33.56 2.54 0.00	35.01 2.68 0.00	36.18 2.83 0.00	37.39 3.06 0.00	40.94 3.24 0.00	44.23 3.50 0.00	50.67 4.14 0.00	60.47 4.89 0.00	70.01 5.66 0.00	75.18 6.37 -1.09	81.54 6.78 -1.88	90.49 7.41 -5.05	99.97 8.06 -7.11	152.47 9.48 -35.23	203.11 12.10 -62.25	242.02 12.40 -118.88	244.88 10.21 -148.90	179.19 9.22 -93.18	112.03 7.15 -44.76	70.87 5.96 -9.69	56.35 5.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.22 1.44 -0.82	35.94 1.03 -0.54	34.61 0.80 -0.43	31.78 0.59 -0.18	33.39 0.74 -0.32	34.67 0.90 -0.42	35.93 1.06 -0.53	39.98 1.39 -0.89	51.15 1.43 -8.99	57.29 1.77 -8.99	66.74 2.17 -8.99	76.11 2.77 -8.99	80.04 3.32 -8.99	85.45 3.57 -8.99	86.81 3.82 -4.96	94.57 4.07 -5.70	121.21 4.74 -8.71	145.11 5.92 -10.43	129.89 6.31 -12.83	103.60 5.49 -12.34	90.36 4.84 -8.73	68.86 3.61 -5.14	61.05 2.65 -3.18	55.72 2.35 -2.33
ETNA____115KV_TB2 80207	39.22 1.44 -0.82	35.94 1.03 -0.54	34.61 0.80 -0.43	31.78 0.59 -0.18	33.39 0.74 -0.32	34.67 0.90 -0.42	35.93 1.06 -0.53	39.98 1.39 -0.89	51.15 1.43 -8.99	57.29 1.77 -8.99	66.74 2.17 -8.99	76.11 2.77 -8.99	80.04 3.32 -8.99	85.45 3.57 -8.99	86.81 3.82 -4.96	94.57 4.07 -5.70	121.21 4.74 -8.71	145.11 5.92 -10.43	129.89 6.31 -12.83	103.60 5.49 -12.34	90.36 4.84 -8.73	68.86 3.61 -5.14	61.05 2.65 -3.18	55.72 2.35 -2.33
EUCLID____115KV_TB2 356179	37.58 -0.07 -0.69	34.55 -0.27 -0.46	33.31 -0.43 -0.36	30.67 -0.50 -0.15	32.14 -0.45 -0.27	33.30 -0.40 -0.36	34.51 -0.27 -0.45	38.30 -0.15 -0.75	48.15 -0.20 -7.62	54.10 -0.05 -7.62	63.26 0.06 -7.62	72.29 0.32 -7.62	75.89 0.54 -7.62	81.09 0.58 -7.62	83.01 0.78 -4.20	90.31 0.68 -4.83	114.80 0.43 -6.61	136.15 0.39 -7.01	118.47 0.89 -6.84	91.81 1.03 -5.00	81.78 0.77 -4.21	63.42 0.48 -2.83	57.67 0.11 -2.34	53.07 0.05 -1.97
E_CANADA_CAP_HY 24051	41.54 4.58 0.00	38.49 4.12 0.00	36.99 3.61 0.00	34.33 3.32 0.00	35.75 3.43 0.00	36.92 3.57 0.00	38.14 3.81 0.00	41.54 3.85 0.00	44.73 3.99 0.00	51.13 4.61 0.00	60.86 5.28 0.00	70.46 6.12 0.00	76.09 6.91 -1.45	82.75 7.36 -2.51	93.03 8.27 -6.73	104.43 9.16 -10.47	164.88 10.57 -46.56	224.94 14.16 -82.02	282.24 15.17 -156.33	294.13 12.78 -195.58	210.76 11.45 -122.52	127.74 8.78 -58.86	75.51 7.57 -12.72	57.67 6.63 0.00
E_CANADA_MHWK_HY 24050	37.25 0.29 0.00	34.64 0.27 0.00	33.52 0.13 0.00	31.11 0.09 0.00	32.46 0.13 0.00	33.52 0.17 0.00	34.61 0.27 0.00	37.99 0.30 0.00	41.10 0.37 0.00	46.94 0.42 0.00	56.08 0.50 0.00	64.99 0.64 0.00	68.47 0.75 0.00	73.76 0.88 0.00	78.97 0.94 0.00	85.56 0.76 0.00	108.51 0.76 0.00	129.53 0.78 0.00	111.52 0.78 0.00	86.29 0.52 0.00	77.26 0.46 0.00	60.59 0.48 0.00	55.72 0.50 0.00	51.50 0.46 0.00
E_FISHKILL____LBMP 23776	39.25 2.29 0.00	36.33 1.96 0.00	35.02 1.64 0.00	32.66 1.64 0.00	33.95 1.62 0.00	34.92 1.57 0.00	36.26 1.92 0.00	39.99 2.30 0.00	43.30 2.57 0.00	49.27 2.75 0.00	58.42 2.83 0.00	67.24 2.90 0.00	71.09 3.05 -0.31	76.99 3.57 -0.54	83.68 4.21 -1.44	91.41 4.58 -2.03	120.67 5.60 -7.31	146.34 6.31 -11.28	135.32 4.98 -19.60	111.99 3.09 -23.13	95.01 2.92 -15.29	70.09 2.64 -7.34	59.81 3.09 -1.49	53.95 2.91 0.00
FALCON____SEABRD_CC1 323796	36.26 -0.70 0.00	33.82 -0.55 0.00	33.18 -0.20 0.00	30.83 -0.18 0.00	32.26 -0.06 0.00	33.31 -0.03 0.00	34.02 -0.31 0.00	37.43 -0.26 0.00	40.57 -0.16 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.29 -2.06 0.00	65.29 -2.44 0.00	69.61 -3.28 0.00	72.41 -5.62 0.00	78.62 -6.19 0.00	100.64 -7.12 0.00	120.90 -7.86 0.00	103.32 -7.42 0.00	80.11 -5.66 0.00	72.11 -4.69 0.00	58.18 -1.93 0.00	53.95 -1.27 0.00	49.71 -1.33 0.00

FALCON___SEABRD_CC2 323797	36.26 -0.70 0.00	33.82 -0.55 0.00	33.18 -0.20 0.00	30.83 -0.18 0.00	32.26 -0.06 0.00	33.31 -0.03 0.00	34.02 -0.31 0.00	37.43 -0.26 0.00	40.57 -0.16 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.29 -2.06 0.00	65.29 -2.44 0.00	69.61 -3.28 0.00	72.41 -5.62 0.00	78.62 -6.19 0.00	100.64 -7.12 0.00	120.90 -7.86 0.00	103.32 -7.42 0.00	80.11 -5.66 0.00	72.11 -4.69 0.00	58.18 -1.93 0.00	53.95 -1.27 0.00	49.71 -1.33 0.00
FAR ROCKAWAY___4 23548	40.99 4.03 0.00	37.80 3.44 0.00	36.39 3.00 0.00	33.93 2.92 0.00	35.17 2.84 0.00	36.12 2.77 0.00	37.77 3.43 0.00	41.65 3.96 0.00	45.29 4.56 0.00	51.27 4.75 0.00	65.08 5.28 -4.22	75.09 5.08 -5.66	76.95 5.35 -3.87	80.44 6.20 -1.36	85.13 7.10 0.00	94.46 7.55 -2.11	120.72 9.81 -3.16	147.17 10.94 -7.47	139.09 8.97 -19.38	113.45 5.40 -22.27	94.78 4.99 -12.99	80.28 4.75 -15.42	74.20 5.25 -13.74	66.51 5.41 -10.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.84 2.88 0.00	36.70 2.34 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.06 3.54 0.00	59.14 3.56 0.00	67.82 3.47 0.00	71.32 3.59 0.00	77.04 4.15 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.92 7.00 -3.16	144.07 7.85 -7.46	133.19 5.98 -16.47	111.64 3.60 -22.26	93.17 3.38 -12.99	69.43 3.07 -6.25	60.38 3.70 -1.46	54.56 3.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.88 2.92 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.22 1.87 0.00	36.70 2.37 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.06 3.54 0.00	59.14 3.56 0.00	67.82 3.47 0.00	71.32 3.59 0.00	77.04 4.15 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.92 7.00 -3.16	144.20 7.98 -7.46	133.30 6.09 -16.47	111.72 3.69 -22.26	93.24 3.46 -12.99	69.43 3.07 -6.25	60.38 3.70 -1.46	54.62 3.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.84 2.88 0.00	36.70 2.34 0.00	35.28 1.90 0.00	33.00 1.98 0.00	34.24 1.91 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	44.03 3.30 0.00	50.02 3.49 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.25 3.52 0.00	77.04 4.15 0.00	82.94 4.92 0.00	90.15 5.34 0.00	117.81 6.90 -3.16	144.07 7.85 -7.46	133.08 5.87 -16.47	111.55 3.52 -22.26	93.09 3.30 -12.99	69.37 3.01 -6.25	60.32 3.64 -1.46	54.56 3.52 0.00
FARRAGUT___LBMP 323566	39.81 2.85 0.00	36.67 2.30 0.00	35.25 1.87 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.67 2.33 0.00	40.52 2.83 0.00	43.95 3.22 0.00	49.97 3.44 0.00	58.97 3.39 0.00	67.69 3.35 0.00	71.18 3.45 0.00	76.89 4.01 0.00	82.79 4.76 0.00	89.98 5.17 0.00	117.59 6.68 -3.16	143.82 7.60 -7.46	132.97 5.76 -16.47	111.47 3.43 -22.26	93.01 3.23 -12.99	69.31 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
FENNER___WINDPWR 24204	39.06 1.48 -0.62	35.95 1.17 -0.41	34.64 0.93 -0.32	31.89 0.74 -0.13	33.44 0.87 -0.24	34.67 1.00 -0.32	35.91 1.17 -0.40	39.83 1.47 -0.67	49.00 1.46 -6.80	55.19 1.86 -6.80	64.66 2.28 -6.80	73.85 2.70 -6.80	77.65 3.12 -6.80	83.11 3.43 -6.80	85.45 3.67 -3.75	92.93 3.82 -4.31	118.28 4.63 -5.90	140.67 5.66 -6.25	122.38 5.53 -6.10	94.95 4.71 -4.46	84.62 4.07 -3.76	65.88 3.24 -2.52	59.79 2.49 -2.09	54.94 2.14 -1.76
FIBERTEK___ENERGY 23856	38.66 0.18 -1.52	35.34 -0.03 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.66 -0.26 -0.59	33.96 -0.17 -0.78	35.25 -0.07 -0.99	39.49 0.15 -1.65	57.45 0.04 -16.68	63.44 0.23 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.43 1.02 -16.68	90.66 1.09 -16.68	88.47 1.25 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.26 1.16 -15.34	127.38 1.66 -14.97	98.36 1.63 -10.95	87.40 1.38 -9.22	67.26 0.96 -6.19	60.83 0.50 -5.12	55.72 0.36 -4.32
FITZPATRICK____ 23598	27.80 -0.74 8.42	27.95 -0.83 5.60	28.02 -0.97 4.39	28.22 -0.96 1.83	28.14 -0.94 3.25	28.09 -0.93 4.33	27.99 -0.86 5.49	27.72 -0.83 9.15	-52.82 -0.98 92.57	-47.03 -0.98 92.57	-38.10 -1.11 92.57	-29.38 -1.16 92.57	-25.86 -1.01 92.57	-20.78 -1.09 92.57	25.97 -1.02 51.04	24.89 -1.27 58.64	25.54 -1.94 80.28	41.17 -2.45 85.14	25.98 -1.66 83.10	24.05 -0.94 60.78	24.61 -1.00 51.19	24.94 -0.84 34.33	25.84 -0.99 28.39	26.12 -0.97 23.95
FLOWRFLD_69_KV_BK1 356044	41.32 4.36 0.00	38.15 3.78 0.00	36.69 3.30 0.00	34.21 3.19 0.00	35.43 3.10 0.00	36.35 3.00 0.00	38.11 3.78 0.00	42.03 4.33 0.00	45.82 5.09 0.00	51.64 5.12 0.00	65.69 5.89 -4.22	76.46 6.43 -5.68	78.24 6.57 -3.94	99.73 7.07 -19.77	137.58 7.80 -51.75	273.39 7.97 -180.62	307.80 10.45 -189.59	331.43 11.59 -191.08	279.87 9.52 -159.61	253.28 5.75 -161.76	155.01 5.45 -72.76	105.00 5.53 -39.36	75.32 6.30 -13.81	79.96 6.02 -22.89
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.84 2.88 0.00	36.81 2.44 0.00	35.42 2.04 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.32 1.97 0.00	36.70 2.37 0.00	40.41 2.71 0.00	43.87 3.14 0.00	49.97 3.44 0.00	59.42 3.84 0.00	68.47 4.12 0.00	72.27 4.54 0.00	78.06 5.17 0.00	84.19 6.16 0.00	91.50 6.70 0.00	119.47 8.40 -3.31	146.24 9.66 -7.82	135.87 7.86 -17.27	114.34 5.23 -23.34	95.18 4.76 -13.62	70.63 3.97 -6.56	60.89 4.14 -1.53	54.77 3.73 0.00
FORT ORANGE____ 23900	38.55 1.59 0.00	35.98 1.62 0.00	34.72 1.34 0.00	32.38 1.36 0.00	33.62 1.29 0.00	34.61 1.27 0.00	35.84 1.51 0.00	39.16 1.47 0.00	42.00 1.26 0.00	47.78 1.26 0.00	56.75 1.17 0.00	65.70 1.35 0.00	58.40 1.28 10.61	56.29 1.75 18.34	30.77 2.03 49.29	18.62 2.63 68.81	-10.39 2.80 120.94	51.12 3.09 80.72	115.96 2.43 -2.78	205.95 1.63 -118.55	86.20 1.69 -7.72	66.28 1.50 -4.67	65.64 1.88 -8.55	52.78 1.74 0.00
FORT_DRUM_COGEN 23780	39.32 1.15 -1.21	36.07 0.89 -0.80	34.75 0.73 -0.63	31.83 0.56 -0.26	33.54 0.74 -0.47	34.87 0.90 -0.62	36.15 1.03 -0.79	40.14 1.13 -1.32	55.02 0.98 -13.31	60.91 1.07 -13.31	70.17 1.28 -13.31	79.40 1.74 -13.31	83.14 2.10 -13.31	88.24 2.04 -13.31	87.32 1.95 -7.34	95.02 1.78 -8.43	121.45 2.16 -11.54	144.22 3.22 -12.24	126.79 4.10 -11.95	98.72 4.20 -8.74	87.92 3.76 -7.36	68.29 3.25 -4.94	61.46 2.15 -4.08	56.32 1.84 -3.44
FOX_HILLS___ESR 323835	40.07 3.10 -0.01	36.92 2.54 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.25 1.90 0.00	36.74 2.40 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.11 3.58 0.00	58.75 3.17 0.00	65.71 2.96 1.59	66.59 3.05 4.19	67.08 3.64 9.45	84.94 4.45 -2.46	83.95 4.75 5.60	108.96 6.14 4.94	125.11 6.95 10.60	93.49 5.43 22.68	81.11 3.09 7.75	81.39 2.92 -1.67	69.00 2.64 -6.25	60.10 3.42 -1.46	54.62 3.57 0.00
FPL FAR_ROCK_GT1 24212	40.96 3.99 -0.01	37.92 3.54 -0.01	36.28 2.90 0.00	33.86 2.85 0.00	35.11 2.78 0.00	36.08 2.74 0.00	37.85 3.50 -0.01	41.59 3.88 -0.01	45.30 4.56 -0.01	51.18 4.65 0.00	65.14 5.34 -4.22	75.73 5.72 -5.66	77.02 5.42 -3.87	80.44 6.19 -1.36	84.98 6.94 -0.01	94.40 7.37 -2.22	120.08 9.15 -3.17	147.16 10.94 -7.47	139.09 8.97 -19.38	113.61 5.57 -22.27	94.86 5.07 -12.99	80.28 4.75 -15.42	74.15 5.19 -13.74	66.51 5.41 -10.06

FPL FAR_ROCK_GT2 23815	40.96 3.99 -0.01	37.92 3.54 -0.01	36.28 2.90 0.00	33.86 2.85 0.00	35.11 2.78 0.00	36.08 2.74 0.00	37.85 3.50 -0.01	41.59 3.88 -0.01	45.30 4.56 -0.01	51.18 4.65 0.00	65.14 5.34 -4.22	75.73 5.72 -5.66	77.02 5.42 -3.87	80.44 6.19 -1.36	84.98 6.94 -0.01	94.40 7.37 -2.22	120.08 9.15 -3.17	147.16 10.94 -7.47	139.09 8.97 -19.38	113.61 5.57 -22.27	94.86 5.07 -12.99	80.28 4.75 -15.42	74.15 5.19 -13.74	66.51 5.41 -10.06
FRANKLIN_FALL_HYD 24054	36.00 -0.96 0.00	33.68 -0.69 0.00	32.98 -0.40 0.00	30.64 -0.37 0.00	32.10 -0.23 0.00	33.15 -0.20 0.00	33.92 -0.41 0.00	37.17 -0.53 0.00	40.12 -0.61 0.00	45.41 -1.12 0.00	54.41 -1.17 0.00	62.68 -1.67 0.00	65.83 -1.90 0.00	70.04 -2.84 0.00	74.05 -3.98 0.00	80.31 -4.49 0.00	103.01 -4.74 0.00	123.74 -5.02 0.00	105.87 -4.87 0.00	82.26 -3.52 0.00	73.65 -3.15 0.00	58.31 -1.80 0.00	53.67 -1.55 0.00	49.51 -1.53 0.00
FREEPORT_EQUS_GT1 23764	40.70 3.73 -0.01	37.71 3.33 -0.01	36.08 2.70 0.00	33.68 2.67 0.00	34.88 2.55 0.00	35.88 2.53 0.00	37.64 3.30 -0.01	41.36 3.66 -0.01	45.02 4.28 -0.01	50.80 4.28 0.00	64.41 4.61 -4.22	74.58 4.57 -5.66	76.48 4.88 -3.87	79.78 5.54 -1.36	84.28 6.24 -0.01	93.72 6.70 -2.22	119.11 8.19 -3.17	146.14 9.92 -7.47	135.30 8.08 -16.48	112.84 4.80 -22.27	94.24 4.45 -12.99	80.04 4.51 -15.42	73.98 5.02 -13.74	65.90 4.69 -10.17
FREEPORT___CT2 23818	40.70 3.73 -0.01	37.71 3.33 -0.01	36.08 2.70 0.00	33.68 2.67 0.00	34.88 2.55 0.00	35.88 2.53 0.00	37.64 3.30 -0.01	41.36 3.66 -0.01	45.02 4.28 -0.01	50.80 4.28 0.00	64.41 4.61 -4.22	74.58 4.57 -5.66	76.48 4.88 -3.87	79.78 5.54 -1.36	84.28 6.24 -0.01	93.72 6.70 -2.22	119.11 8.19 -3.17	146.14 9.92 -7.47	135.30 8.08 -16.48	112.84 4.80 -22.27	94.24 4.45 -12.99	80.04 4.51 -15.42	73.98 5.02 -13.74	65.90 4.69 -10.17
FRESHKLS_33_KV_LOAD 356253	40.07 3.10 -0.01	36.92 2.54 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.22 1.87 0.00	36.70 2.37 0.00	40.52 2.83 0.00	43.90 3.18 0.01	44.45 3.44 5.52	45.27 3.06 13.37	45.24 2.83 21.93	45.88 2.91 24.76	47.21 3.57 29.24	48.54 4.37 33.86	48.11 4.66 41.36	75.12 6.03 38.67	91.23 6.95 44.48	51.26 5.43 64.91	47.64 3.09 41.22	47.88 2.84 31.76	46.06 2.58 16.63	46.02 3.37 12.57	45.20 3.52 9.37
FULTON COGEN____ 23766	39.59 -0.11 -2.75	35.92 -0.27 -1.82	34.38 -0.43 -1.43	31.11 -0.50 -0.60	32.94 -0.45 -1.06	34.39 -0.37 -1.41	35.85 -0.27 -1.79	40.52 -0.15 -2.98	70.62 -0.29 -30.17	76.51 -0.19 -30.17	85.64 -0.11 -30.17	94.65 0.13 -30.17	98.24 0.34 -30.17	103.42 0.36 -30.17	95.21 0.55 -16.63	104.43 0.51 -19.11	134.13 0.22 -26.16	156.63 0.13 -27.75	138.60 0.78 -27.08	106.53 0.94 -19.81	94.25 0.77 -16.68	71.78 0.48 -11.19	64.58 0.11 -9.25	58.85 0.00 -7.81
FULTON___LFGE 323630	42.95 5.99 0.00	39.76 5.40 0.00	38.12 4.74 0.00	35.39 4.37 0.00	36.79 4.46 0.00	38.02 4.67 0.00	39.48 5.15 0.00	43.16 5.46 0.00	46.80 6.07 0.00	53.55 7.03 0.00	63.70 8.11 0.00	74.13 9.78 0.00	80.21 10.77 -1.71	87.73 11.88 -2.96	99.17 13.19 -7.95	112.16 15.01 -12.35	181.46 18.97 -54.74	249.38 24.34 -96.28	317.23 23.15 -183.34	333.54 18.52 -229.24	236.68 16.20 -143.68	141.16 12.02 -69.02	80.18 10.05 -14.91	59.82 8.78 0.00
G.F.CEMENT___DRP 24184	39.77 2.81 0.00	36.91 2.54 0.00	35.58 2.20 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.45 2.10 0.00	36.70 2.37 0.00	40.29 2.60 0.00	43.71 2.97 0.00	49.60 3.07 0.00	59.08 3.50 0.00	68.92 4.57 0.00	75.58 4.47 -3.38	84.49 5.76 -5.84	100.20 6.48 -15.70	114.82 7.89 -22.13	197.62 9.81 -80.06	264.49 11.85 -123.89	337.09 10.52 -215.83	349.11 8.23 -255.10	252.60 7.37 -168.43	146.43 5.53 -80.79	76.57 4.86 -16.49	55.33 4.29 0.00
GARDENVILLE___LBMP 24039	37.88 0.92 0.00	34.26 -0.10 0.00	32.78 -0.60 0.00	30.05 -0.96 0.00	31.59 -0.74 0.00	32.75 -0.60 0.00	34.03 -0.31 0.00	37.54 -0.15 0.00	41.30 0.57 0.00	47.83 1.30 0.00	57.97 2.39 0.00	67.82 3.47 0.00	72.81 5.08 0.00	77.70 4.81 0.00	82.87 4.84 0.00	89.47 4.66 0.00	111.96 4.20 0.00	133.01 4.25 0.00	117.38 6.64 0.00	92.81 7.03 0.00	82.02 5.22 0.00	63.42 3.31 0.00	56.99 1.77 0.00	53.24 2.19 0.00
GARDNVLA_35_KV_LD 355827	38.14 1.18 0.00	34.47 0.10 0.00	32.98 -0.40 0.00	30.24 -0.78 0.00	31.75 -0.58 0.00	32.91 -0.43 0.00	34.23 -0.10 0.00	37.81 0.11 0.00	41.59 0.86 0.00	48.20 1.67 0.00	58.42 2.83 0.00	68.40 4.05 0.00	73.48 5.76 0.00	78.42 5.54 0.00	83.65 5.62 0.00	90.31 5.51 0.00	112.93 5.17 0.00	134.04 5.28 0.00	118.38 7.64 0.00	93.49 7.72 0.00	82.63 5.84 0.00	63.90 3.79 0.00	57.37 2.15 0.00	53.59 2.55 0.00
GELCKHM___115KV_LOAD 80723	37.91 -0.04 -0.99	34.82 -0.21 -0.66	33.53 -0.37 -0.51	30.76 -0.47 -0.21	32.32 -0.39 -0.38	33.52 -0.33 -0.51	34.74 -0.24 -0.64	38.69 -0.08 -1.07	51.45 -0.12 -10.84	57.36 0.00 -10.84	66.53 0.11 -10.84	75.57 0.39 -10.84	79.24 0.68 -10.84	84.45 0.73 -10.84	84.86 0.86 -5.98	92.52 0.85 -6.87	117.80 0.65 -9.40	139.37 0.64 -9.97	121.58 1.11 -9.73	94.00 1.12 -7.12	83.71 0.92 -5.99	64.73 0.60 -4.02	58.76 0.22 -3.32	54.00 0.15 -2.80
GENERAL___MILLS 23808	38.03 1.07 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.68 -0.65 0.00	32.85 -0.50 0.00	34.13 -0.21 0.00	37.69 0.00 0.00	41.47 0.73 0.00	48.06 1.54 0.00	58.19 2.61 0.00	68.08 3.73 0.00	73.15 5.42 0.00	78.06 5.17 0.00	83.26 5.23 0.00	89.89 5.09 0.00	112.50 4.74 0.00	133.52 4.76 0.00	117.94 7.20 0.00	93.15 7.38 0.00	82.33 5.53 0.00	63.66 3.55 0.00	57.21 1.99 0.00	53.44 2.40 0.00
GE_PLASTICS___DRP 24183	38.33 1.37 0.00	35.67 1.31 0.00	34.55 1.17 0.00	32.19 1.18 0.00	33.46 1.13 0.00	34.45 1.10 0.00	35.57 1.24 0.00	39.05 1.36 0.00	42.08 1.34 0.00	47.92 1.40 0.00	56.97 1.39 0.00	65.89 1.54 0.00	62.30 1.02 6.45	63.13 1.38 11.14	49.73 1.64 29.94	44.65 2.04 42.19	40.20 1.94 69.50	90.89 1.80 39.67	134.52 1.44 -22.34	186.55 0.86 -99.91	98.77 1.00 -20.97	71.87 1.08 -10.68	64.06 1.82 -7.02	52.78 1.74 0.00
GILBOA___1 23756	38.33 1.37 0.00	35.88 1.51 0.00	34.72 1.34 0.00	32.32 1.30 0.00	33.62 1.29 0.00	34.65 1.30 0.00	35.81 1.48 0.00	39.13 1.43 0.00	42.20 1.46 0.00	48.06 1.53 0.00	57.19 1.61 0.00	66.09 1.74 0.00	69.62 1.89 0.00	75.15 2.26 0.00	80.60 2.57 0.00	87.76 2.88 -0.07	112.01 2.27 -1.99	135.90 2.44 -4.70	123.11 2.00 -10.37	101.16 1.37 -14.02	86.82 1.84 -8.18	65.79 1.74 -3.94	58.02 1.88 -0.92	52.88 1.83 0.00
GILBOA___2 23757	38.33 1.37 0.00	35.88 1.51 0.00	34.72 1.34 0.00	32.32 1.30 0.00	33.62 1.29 0.00	34.65 1.30 0.00	35.81 1.48 0.00	39.13 1.43 0.00	42.20 1.46 0.00	48.06 1.53 0.00	57.19 1.61 0.00	66.09 1.74 0.00	69.62 1.89 0.00	75.15 2.26 0.00	80.60 2.57 0.00	87.76 2.88 -0.07	112.01 2.27 -1.99	135.90 2.44 -4.70	123.11 2.00 -10.37	101.16 1.37 -14.02	86.82 1.84 -8.18	65.79 1.74 -3.94	58.02 1.88 -0.92	52.88 1.83 0.00

GILBOA___3 23758	38.33 1.37 0.00	35.88 1.51 0.00	34.72 1.34 0.00	32.32 1.30 0.00	33.62 1.29 0.00	34.65 1.30 0.00	35.81 1.48 0.00	39.13 1.43 0.00	42.20 1.46 0.00	48.06 1.53 0.00	57.19 1.61 0.00	66.09 1.74 0.00	69.62 1.89 0.00	75.15 2.26 0.00	80.60 2.57 0.00	87.76 2.88 -0.07	112.01 2.27 -1.99	135.90 2.44 -4.70	123.11 2.00 -10.37	101.16 1.37 -14.02	86.82 1.84 -8.18	65.79 1.74 -3.94	58.02 1.88 -0.92	52.88 1.83 0.00
GILBOA___4 23759	38.33 1.37 0.00	35.88 1.51 0.00	34.72 1.34 0.00	32.32 1.30 0.00	33.62 1.29 0.00	34.65 1.30 0.00	35.81 1.48 0.00	39.13 1.43 0.00	42.20 1.46 0.00	48.06 1.53 0.00	57.19 1.61 0.00	66.09 1.74 0.00	69.62 1.89 0.00	75.15 2.26 0.00	80.60 2.57 0.00	87.76 2.88 -0.07	112.01 2.27 -1.99	135.90 2.44 -4.70	123.11 2.00 -10.37	101.16 1.37 -14.02	86.82 1.84 -8.18	65.79 1.74 -3.94	58.02 1.88 -0.92	52.88 1.83 0.00
GILBOA___ 23599	38.33 1.37 0.00	35.81 1.44 0.00	34.72 1.34 0.00	32.32 1.30 0.00	33.62 1.29 0.00	34.65 1.30 0.00	35.74 1.41 0.00	39.16 1.47 0.00	42.20 1.47 0.00	48.11 1.58 0.00	57.19 1.61 0.00	66.09 1.74 0.00	69.62 1.90 0.00	75.07 2.19 0.00	80.60 2.57 0.00	87.69 2.88 0.00	112.01 2.26 -1.99	135.77 2.32 -4.70	123.11 1.99 -10.37	101.08 1.29 -14.02	86.74 1.77 -8.18	65.79 1.74 -3.94	58.02 1.88 -0.92	52.88 1.84 0.00
GINNA___ 23603	36.26 -0.70 0.00	33.16 -1.20 0.00	31.81 -1.57 0.00	29.31 -1.71 0.00	30.71 -1.62 0.00	31.81 -1.53 0.00	33.03 -1.30 0.00	36.79 -0.91 0.00	39.67 -1.06 0.00	45.92 -0.61 0.00	55.25 -0.33 0.00	64.54 0.19 0.00	68.68 0.95 0.00	73.76 0.88 0.00	79.20 1.17 0.00	85.23 0.43 0.00	107.65 -0.11 0.00	128.37 -0.39 0.00	112.07 1.33 0.00	87.92 2.15 0.00	77.87 1.07 0.00	60.53 0.42 0.00	54.61 -0.61 0.00	50.48 -0.56 0.00
GLEN PARK___ 23778	39.79 1.55 -1.27	36.45 1.24 -0.85	35.05 1.00 -0.66	32.10 0.81 -0.28	33.82 1.00 -0.49	35.17 1.17 -0.65	36.50 1.34 -0.83	40.51 1.43 -1.38	56.00 1.26 -14.00	62.02 1.49 -14.00	71.31 1.72 -14.00	79.38 1.03 -14.00	83.08 1.35 -14.00	88.05 1.16 -14.00	86.84 1.09 -7.72	94.44 0.76 -8.87	120.98 1.08 -12.14	143.57 1.93 -12.88	126.30 2.99 -12.57	98.57 3.60 -9.19	87.77 3.22 -7.74	69.39 4.09 -5.19	62.33 2.81 -4.29	57.06 2.40 -3.62
GLENDALE_27_KV_LOAD 356172	40.14 3.18 0.00	36.91 2.54 0.00	35.48 2.10 0.00	33.18 2.17 0.00	34.46 2.13 0.00	35.35 2.00 0.00	36.91 2.58 0.00	40.82 3.13 0.00	44.28 3.54 0.00	50.34 3.82 0.00	59.14 3.56 0.00	66.23 3.47 1.59	67.06 3.52 4.19	67.60 4.15 9.44	72.51 4.92 10.44	82.42 5.34 7.73	109.72 6.90 4.93	126.02 7.85 10.59	69.62 6.09 47.21	67.75 3.60 21.63	81.85 3.38 -1.68	69.42 3.07 -6.25	60.49 3.81 -1.46	54.82 3.78 0.00
GLENWOOD_IC_1_G5 23712	40.25 3.29 0.00	37.15 2.78 0.00	35.75 2.37 0.00	33.37 2.36 0.00	34.62 2.30 0.00	35.58 2.23 0.00	37.15 2.82 0.00	40.97 3.28 0.00	44.19 3.46 0.00	50.16 3.63 0.00	63.75 3.95 -4.22	74.13 4.12 -5.66	75.94 4.33 -3.87	79.28 5.03 -1.36	83.88 5.85 0.00	93.19 6.28 -2.11	119.00 8.08 -3.16	145.24 9.01 -7.47	134.42 7.20 -16.48	112.33 4.29 -22.27	93.78 3.99 -12.99	79.26 3.73 -15.42	73.10 4.14 -13.74	65.08 3.88 -10.16
GLENWOOD_IC_2_G1 23688	39.96 2.99 -0.01	37.02 2.65 -0.01	35.49 2.10 0.00	33.15 2.14 0.00	34.40 2.07 0.00	35.35 2.00 0.00	37.02 2.68 -0.01	40.64 2.94 -0.01	44.16 3.42 -0.01	50.06 3.53 0.00	63.69 3.89 -4.22	74.00 3.99 -5.66	75.80 4.20 -3.87	79.06 4.81 -1.36	83.58 5.54 -0.01	93.13 6.11 -2.22	118.46 7.54 -3.17	144.85 8.63 -7.47	134.20 6.98 -16.48	112.33 4.29 -22.27	93.78 3.99 -12.99	79.08 3.55 -15.42	72.99 4.03 -13.74	64.93 3.83 -10.06
GLENWOOD_IC_3_G1 23689	39.96 2.99 -0.01	37.02 2.65 -0.01	35.49 2.10 0.00	33.15 2.14 0.00	34.40 2.07 0.00	35.35 2.00 0.00	37.02 2.68 -0.01	40.64 2.94 -0.01	44.16 3.42 -0.01	50.06 3.53 0.00	63.69 3.89 -4.22	74.00 3.99 -5.66	75.80 4.20 -3.87	79.06 4.81 -1.36	83.58 5.54 -0.01	93.13 6.11 -2.22	118.46 7.54 -3.17	144.85 8.63 -7.47	134.20 6.98 -16.48	112.33 4.29 -22.27	93.78 3.99 -12.99	79.08 3.55 -15.42	72.99 4.03 -13.74	64.93 3.83 -10.06
GLENWOOD___4 23550	40.25 3.29 0.00	37.15 2.78 0.00	35.75 2.37 0.00	33.37 2.36 0.00	34.62 2.30 0.00	35.58 2.23 0.00	37.15 2.82 0.00	40.97 3.28 0.00	44.32 3.58 0.00	50.29 3.77 0.00	63.91 4.11 -4.22	74.25 4.25 -5.66	76.14 4.54 -3.87	79.49 5.25 -1.36	84.12 6.09 0.00	93.44 6.53 -2.11	119.32 8.40 -3.16	145.62 9.40 -7.47	134.75 7.53 -16.48	112.59 4.55 -22.27	94.02 4.22 -12.99	79.38 3.85 -15.42	73.21 4.25 -13.74	65.24 4.03 -10.16
GLENWOOD___5 23614	40.25 3.29 0.00	37.15 2.78 0.00	35.75 2.37 0.00	33.37 2.36 0.00	34.62 2.30 0.00	35.58 2.23 0.00	37.15 2.82 0.00	40.97 3.28 0.00	44.32 3.58 0.00	50.29 3.77 0.00	63.91 4.11 -4.22	74.25 4.25 -5.66	76.14 4.54 -3.87	79.49 5.25 -1.36	84.12 6.09 0.00	93.44 6.53 -2.11	119.32 8.40 -3.16	145.62 9.40 -7.47	134.75 7.53 -16.48	112.59 4.55 -22.27	94.02 4.22 -12.99	79.38 3.85 -15.42	73.21 4.25 -13.74	65.24 4.03 -10.16
GLOBAL GREEN_PORT_GT1 23814	42.77 5.80 -0.01	39.57 5.19 -0.01	37.79 4.41 0.00	35.23 4.22 0.00	36.50 4.17 0.00	37.52 4.17 0.00	39.56 5.22 -0.01	43.39 5.69 -0.01	47.54 6.80 -0.01	53.55 7.03 0.00	68.42 8.62 -4.22	79.67 9.65 -5.67	81.94 10.29 -3.92	99.52 11.51 -15.13	129.37 12.64 -38.70	234.24 13.74 -135.70	264.44 14.11 -142.57	290.38 16.86 -144.76	247.84 14.18 -122.92	221.53 9.18 -126.58	145.00 10.52 -57.68	105.64 9.13 -36.40	77.95 8.94 -13.79	78.96 8.27 -19.65
GLOBE___DSASP 323697	36.44 -0.52 0.00	32.92 -1.44 0.00	31.48 -1.90 0.00	28.87 -2.14 0.00	30.36 -1.97 0.00	31.41 -1.93 0.00	32.65 -1.68 0.00	35.81 -1.88 0.00	39.47 -1.26 0.00	45.74 -0.79 0.00	55.30 -0.28 0.00	64.80 0.45 0.00	69.49 1.76 0.00	73.83 0.95 0.00	78.65 0.62 0.00	84.89 0.08 0.00	106.14 -1.62 0.00	126.05 -2.70 0.00	111.40 0.66 0.00	88.35 2.57 0.00	78.10 1.31 0.00	60.53 0.42 0.00	54.50 -0.72 0.00	51.09 0.05 0.00
GOETHSLN___LBMP 323567	39.58 2.62 0.00	36.46 2.10 0.00	35.05 1.67 0.00	32.78 1.77 0.00	34.01 1.68 0.00	34.95 1.60 0.00	36.46 2.13 0.00	40.33 2.64 0.00	43.71 2.97 0.00	44.13 3.12 5.51	45.22 3.00 13.36	45.32 2.90 21.93	45.89 2.91 24.75	47.15 3.50 29.24	48.39 4.21 33.85	48.03 4.58 41.35	75.02 5.93 38.67	90.98 6.70 44.47	50.82 4.98 64.90	47.39 2.83 41.21	47.74 2.69 31.75	45.95 2.46 16.63	45.87 3.20 12.55	44.76 3.06 9.34
GOLAH___69_KV_TB 1_2 80279	38.03 1.07 0.00	34.78 0.41 0.00	33.25 -0.13 0.00	30.55 -0.47 0.00	32.04 -0.29 0.00	33.25 -0.10 0.00	34.51 0.17 0.00	38.00 0.30 0.00	41.38 0.65 0.00	47.88 1.35 0.00	57.97 2.39 0.00	67.76 3.41 0.00	72.27 4.54 0.00	77.33 4.45 0.00	82.63 4.60 0.00	89.38 4.58 0.00	112.28 4.53 0.00	133.78 5.02 0.00	117.61 6.87 0.00	92.55 6.78 0.00	82.02 5.22 0.00	63.78 3.67 0.00	57.54 2.32 0.00	53.54 2.50 0.00

GOODYEAR_LAKE_HYD 323669	39.44 2.48 0.00	36.53 2.17 0.00	35.28 1.90 0.00	32.72 1.71 0.00	34.14 1.81 0.00	35.25 1.90 0.00	36.46 2.13 0.00	40.07 2.37 0.00	43.34 2.61 0.00	49.60 3.07 0.00	59.19 3.61 0.00	68.53 4.18 0.00	72.84 4.67 -0.44	78.67 5.03 -0.75	85.51 5.46 -2.02	93.51 5.85 -2.85	129.33 6.68 -14.89	163.78 8.24 -26.78	170.29 7.86 -51.68	157.08 6.18 -65.13	123.08 5.76 -40.53	84.15 4.57 -19.47	63.33 3.87 -4.24	54.56 3.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.56 1.03 -0.56	35.36 0.62 -0.37	34.07 0.40 -0.29	31.35 0.22 -0.12	32.87 0.32 -0.22	34.07 0.43 -0.29	35.32 0.62 -0.37	39.17 0.87 -0.61	47.88 0.98 -6.17	54.05 1.35 -6.17	63.53 1.78 -6.17	72.77 2.25 -6.17	76.74 2.84 -6.17	82.04 2.99 -6.17	84.71 3.28 -3.40	92.10 3.39 -3.91	117.92 3.56 -6.61	141.39 3.99 -8.64	127.49 4.65 -12.10	102.72 4.03 -12.91	88.84 3.46 -8.58	67.41 2.52 -4.78	59.52 1.82 -2.47	54.37 1.74 -1.60
GOUDEY___7 23579	38.59 1.07 -0.56	35.39 0.65 -0.37	34.11 0.43 -0.29	31.38 0.25 -0.12	32.90 0.36 -0.22	34.10 0.47 -0.29	35.35 0.65 -0.37	39.21 0.90 -0.61	47.96 1.06 -6.17	54.09 1.40 -6.17	63.59 1.83 -6.17	72.90 2.38 -6.17	76.88 2.98 -6.17	82.19 3.13 -6.17	84.86 3.43 -3.40	92.19 3.48 -3.91	118.03 3.66 -6.61	141.65 4.25 -8.64	127.60 4.76 -12.10	102.89 4.20 -12.91	88.91 3.53 -8.58	67.47 2.58 -4.78	59.57 1.88 -2.47	54.43 1.79 -1.60
GOUDEY___8 23580	38.56 1.03 -0.56	35.36 0.62 -0.37	34.07 0.40 -0.29	31.35 0.22 -0.12	32.87 0.32 -0.22	34.07 0.43 -0.29	35.32 0.62 -0.37	39.17 0.87 -0.61	47.88 0.98 -6.17	54.05 1.35 -6.17	63.53 1.78 -6.17	72.77 2.25 -6.17	76.74 2.84 -6.17	82.04 2.99 -6.17	84.71 3.28 -3.40	92.10 3.39 -3.91	117.92 3.56 -6.61	141.39 3.99 -8.64	127.49 4.65 -12.10	102.72 4.03 -12.91	88.84 3.46 -8.58	67.41 2.52 -4.78	59.52 1.82 -2.47	54.37 1.74 -1.60
GOWANUS_GT1_1 24077	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_2 24078	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_3 24079	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_4 24080	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_5 24084	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_6 24111	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_7 24112	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT1_8 24113	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_1 24114	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_2 24115	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_3 24116	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00

GOWANUS_GT2_4 24117	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_5 24118	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_6 24119	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_7 24120	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT2_8 24121	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_1 24122	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_2 24123	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_3 24124	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_4 24125	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_5 24126	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_6 24127	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_7 24128	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT3_8 24129	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_1 24130	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_2 24131	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00

GOWANUS_GT4_3 24132	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_4 24133	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_5 24134	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_6 24135	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_7 24136	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GOWANUS_GT4_8 24137	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GREENBSH_115KV_TB3 55895	38.33 1.37 0.00	35.67 1.31 0.00	34.52 1.13 0.00	32.22 1.21 0.00	33.46 1.13 0.00	34.41 1.07 0.00	35.57 1.24 0.00	39.05 1.36 0.00	42.08 1.34 0.00	47.88 1.35 0.00	56.91 1.33 0.00	65.83 1.48 0.00	57.78 1.35 11.30	55.17 1.82 19.53	27.65 2.11 52.48	13.37 2.54 73.97	-18.82 2.69 129.27	44.50 2.83 87.09	113.42 2.21 -0.46	210.01 1.37 -122.86	84.51 1.46 -6.25	65.52 1.38 -4.02	65.87 1.77 -8.88	52.73 1.68 0.00
GREENDGE_115KV_TB5 80291	38.64 1.22 -0.46	35.22 0.55 -0.31	33.82 0.20 -0.24	31.02 -0.09 -0.10	32.64 0.13 -0.18	33.95 0.37 -0.24	35.29 0.65 -0.30	39.25 1.06 -0.50	46.78 0.98 -5.07	53.14 1.54 -5.07	62.88 2.22 -5.07	72.57 3.15 -5.07	76.93 4.13 -5.07	82.19 4.23 -5.07	85.27 4.45 -2.80	91.83 3.82 -3.21	114.63 2.48 -4.40	136.38 2.96 -4.67	119.95 4.65 -4.55	94.68 5.58 -3.33	85.06 5.45 -2.81	65.66 3.67 -1.88	59.04 2.26 -1.56	54.35 1.99 -1.31
GREENIDGE___3 23582	38.64 1.22 -0.46	35.22 0.55 -0.31	33.82 0.20 -0.24	31.02 -0.09 -0.10	32.64 0.13 -0.18	33.95 0.37 -0.24	35.29 0.65 -0.30	39.25 1.06 -0.50	46.78 0.98 -5.07	53.14 1.54 -5.07	62.88 2.22 -5.07	72.57 3.15 -5.07	76.93 4.13 -5.07	82.19 4.23 -5.07	85.27 4.45 -2.80	91.83 3.82 -3.21	114.63 2.48 -4.40	136.38 2.96 -4.67	119.95 4.65 -4.55	94.68 5.58 -3.33	85.06 5.45 -2.81	65.66 3.67 -1.88	59.04 2.26 -1.56	54.35 1.99 -1.31
GREENIDGE___4 23583	38.75 1.33 -0.46	35.33 0.65 -0.31	33.89 0.27 -0.24	31.05 -0.06 -0.10	32.67 0.16 -0.18	33.99 0.40 -0.24	35.36 0.72 -0.30	39.66 1.47 -0.50	46.78 0.98 -5.07	53.27 1.67 -5.07	62.88 2.23 -5.07	72.57 3.15 -5.07	76.93 4.13 -5.07	82.26 4.30 -5.07	85.67 4.84 -2.80	91.74 3.73 -3.21	114.74 2.58 -4.40	136.51 3.09 -4.67	120.05 4.76 -4.55	95.11 6.00 -3.33	85.06 5.45 -2.81	65.72 3.73 -1.88	59.09 2.32 -1.56	54.34 1.99 -1.31
GREENLWN_69_KV_BK 3 55738	40.47 3.51 0.00	37.36 2.99 0.00	35.95 2.57 0.00	33.53 2.51 0.00	34.75 2.42 0.00	35.65 2.30 0.00	37.32 2.99 0.00	41.20 3.51 0.00	44.81 4.07 0.00	50.67 4.14 0.00	64.41 4.61 -4.22	74.76 4.76 -5.65	76.73 5.15 -3.86	77.03 5.83 1.68	75.95 6.48 8.55	64.21 6.78 27.38	89.06 8.94 27.64	115.81 9.91 22.87	108.93 7.97 9.79	89.54 4.55 0.78	84.22 4.30 -3.12	76.02 4.33 -11.59	74.08 5.14 -13.73	64.82 5.00 -8.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
GRISSOM___SOLAR 323813	42.95 5.99 0.00	39.76 5.40 0.00	38.12 4.74 0.00	35.39 4.37 0.00	36.79 4.46 0.00	38.02 4.67 0.00	39.48 5.15 0.00	43.16 5.46 0.00	46.80 6.07 0.00	53.55 7.03 0.00	63.70 8.11 0.00	74.13 9.78 0.00	80.21 10.77 -1.71	87.73 11.88 -2.96	99.17 13.19 -7.95	112.16 15.01 -12.35	181.46 18.97 -54.74	249.38 24.34 -96.28	317.23 23.15 -183.34	333.54 18.52 -229.24	236.68 16.20 -143.68	141.16 12.02 -69.02	80.18 10.05 -14.91	59.82 8.78 0.00
GROVEVILLE___HYD 323602	39.84 2.88 0.00	36.81 2.44 0.00	35.42 2.04 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.32 1.97 0.00	36.70 2.37 0.00	40.41 2.71 0.00	43.87 3.14 0.00	49.97 3.44 0.00	59.42 3.84 0.00	68.47 4.12 0.00	72.27 4.54 0.00	78.06 5.17 0.00	84.19 6.16 0.00	91.50 6.70 0.00	119.47 8.40 -3.31	146.24 9.66 -7.82	135.87 7.86 -17.27	114.34 5.23 -23.34	95.18 4.76 -13.62	70.63 3.97 -6.56	60.89 4.14 -1.53	54.77 3.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.66 0.18 -1.52	35.34 -0.03 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.66 -0.26 -0.59	33.96 -0.17 -0.78	35.25 -0.07 -0.99	39.49 0.15 -1.65	57.45 0.04 -16.68	63.44 0.23 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.43 1.02 -16.68	90.66 1.09 -16.68	88.47 1.25 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.26 1.16 -15.34	127.38 1.66 -14.97	98.36 1.63 -10.95	87.40 1.38 -9.22	67.26 0.96 -6.19	60.83 0.50 -5.12	55.72 0.36 -4.32

HAMLTNNY_34_KV_TB 80303	38.96 0.44 -1.56	35.57 0.17 -1.03	34.16 -0.03 -0.81	31.20 -0.16 -0.34	32.86 -0.06 -0.60	34.18 0.03 -0.80	35.48 0.14 -1.01	39.76 0.38 -1.69	58.23 0.41 -17.09	64.27 0.65 -17.09	73.62 0.94 -17.09	82.86 1.42 -17.09	86.65 1.83 -17.09	91.87 1.90 -17.09	89.64 2.18 -9.42	97.84 2.20 -10.83	124.84 2.26 -14.82	147.05 2.58 -15.72	129.07 2.99 -15.34	99.74 2.74 -11.22	88.55 2.30 -9.45	68.07 1.62 -6.34	61.51 1.05 -5.24	56.33 0.87 -4.42
HAMPSHIRE___PAPER_HYD 323593	37.32 -0.15 -0.50	34.53 -0.17 -0.33	33.61 -0.03 -0.26	31.03 -0.09 -0.11	32.52 0.00 -0.19	33.71 0.10 -0.26	34.66 0.00 -0.33	38.13 -0.11 -0.55	45.81 -0.45 -5.53	51.50 -0.56 -5.53	60.44 -0.66 -5.53	68.27 -1.61 -5.53	71.49 -1.76 -5.53	76.15 -2.26 -5.53	78.34 -2.73 -3.05	85.17 -3.14 -3.50	109.10 -3.45 -4.79	130.24 -3.60 -5.08	112.82 -2.88 -4.96	87.60 -1.81 -3.63	78.32 -1.54 -3.06	62.16 0.00 -2.05	56.81 -0.11 -1.70	52.37 -0.10 -1.43
HARDSCRABBLE_WT_PWR 323673	37.33 0.37 0.00	34.71 0.34 0.00	33.62 0.24 0.00	31.20 0.19 0.00	32.52 0.20 0.00	33.61 0.27 0.00	34.71 0.38 0.00	38.15 0.45 0.00	41.26 0.53 0.00	47.13 0.60 0.00	56.30 0.72 0.00	65.25 0.90 0.00	68.75 1.02 0.00	74.05 1.16 0.00	79.27 1.24 0.00	85.99 1.19 0.00	108.94 1.19 0.00	130.04 1.29 0.00	111.96 1.22 0.00	86.54 0.77 0.00	77.49 0.69 0.00	60.77 0.66 0.00	55.83 0.61 0.00	51.60 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.36 2.40 0.00	36.36 1.99 0.00	35.05 1.67 0.00	32.72 1.71 0.00	33.98 1.65 0.00	34.95 1.60 0.00	36.29 1.96 0.00	39.99 2.30 0.00	43.38 2.65 0.00	49.41 2.88 0.00	58.69 3.11 0.00	67.63 3.28 0.00	71.32 3.59 0.00	77.04 4.15 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.65 7.00 -2.90	143.45 7.85 -6.84	132.16 6.31 -15.11	110.22 4.03 -20.41	92.40 3.69 -11.91	68.97 3.13 -5.73	59.93 3.37 -1.34	54.10 3.06 0.00
HARSNRAD_115KV_TB1 81005	37.14 0.18 0.00	33.58 -0.79 0.00	32.08 -1.30 0.00	29.46 -1.55 0.00	30.94 -1.39 0.00	32.05 -1.30 0.00	33.24 -1.10 0.00	36.53 -1.17 0.00	40.24 -0.49 0.00	46.62 0.09 0.00	56.41 0.83 0.00	66.09 1.74 0.00	70.91 3.18 0.00	75.44 2.55 0.00	80.37 2.34 0.00	86.75 1.95 0.00	108.62 0.86 0.00	129.01 0.26 0.00	113.95 3.21 0.00	90.32 4.55 0.00	79.79 3.00 0.00	61.85 1.74 0.00	55.61 0.39 0.00	52.06 1.02 0.00
HARZA MOOSE___RIVER 24016	38.79 1.40 -0.43	35.82 1.17 -0.28	34.61 1.00 -0.22	31.94 0.84 -0.09	33.43 0.94 -0.16	34.63 1.07 -0.22	35.81 1.20 -0.28	39.51 1.36 -0.46	46.81 1.38 -4.69	52.85 1.63 -4.69	62.22 1.95 -4.69	71.42 2.38 -4.69	75.06 2.64 -4.69	80.42 2.84 -4.69	83.50 2.89 -2.59	90.74 2.97 -2.97	115.70 3.88 -4.07	138.09 5.02 -4.32	119.83 4.87 -4.21	92.97 4.12 -3.08	83.16 3.76 -2.59	64.98 3.13 -1.74	59.03 2.37 -1.44	54.35 2.09 -1.21
HDSNBRDG_115KV_BRDG_TB1 355580	37.86 0.07 -0.82	34.78 -0.14 -0.55	33.51 -0.30 -0.43	30.82 -0.37 -0.18	32.32 -0.32 -0.32	33.50 -0.27 -0.42	34.73 -0.14 -0.54	38.63 0.04 -0.89	49.78 0.00 -9.05	55.76 0.19 -9.05	65.02 0.39 -9.05	74.10 0.71 -9.05	77.72 0.95 -9.05	82.95 1.02 -9.05	84.26 1.25 -4.99	91.81 1.27 -5.73	116.68 1.08 -7.84	138.24 1.16 -8.32	120.41 1.55 -8.12	93.26 1.54 -5.94	83.03 1.23 -5.00	64.31 0.84 -3.35	58.38 0.39 -2.77	53.69 0.31 -2.34
HELLGATE_13_KV_LD 55870	39.96 2.99 0.00	36.78 2.41 0.00	35.35 1.97 0.00	33.06 2.05 0.00	34.30 1.97 0.00	35.22 1.87 0.00	36.74 2.40 0.00	40.60 2.90 0.00	43.99 3.26 0.00	49.97 3.44 0.00	58.64 3.06 0.00	66.32 2.96 0.99	68.05 2.91 2.59	70.54 3.50 5.85	75.22 4.21 7.02	84.50 4.58 4.88	111.83 5.93 1.85	131.74 6.70 3.72	94.85 4.98 20.87	83.10 2.83 5.50	85.47 2.69 -5.99	68.88 2.52 -6.25	60.00 3.31 -1.46	54.41 3.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.96 2.99 0.00	36.78 2.41 0.00	35.35 1.97 0.00	33.06 2.05 0.00	34.30 1.97 0.00	35.22 1.87 0.00	36.74 2.40 0.00	40.60 2.90 0.00	43.99 3.26 0.00	49.97 3.44 0.00	58.64 3.06 0.00	66.32 2.96 0.99	68.05 2.91 2.59	70.54 3.50 5.85	75.22 4.21 7.02	84.50 4.58 4.88	111.83 5.93 1.85	131.74 6.70 3.72	94.85 4.98 20.87	83.10 2.83 5.50	85.47 2.69 -5.99	68.88 2.52 -6.25	60.00 3.31 -1.46	54.41 3.37 0.00
HEMPSTEAD____ 23647	40.26 3.29 -0.01	37.33 2.96 -0.01	35.75 2.37 0.00	33.37 2.36 0.00	34.59 2.26 0.00	35.55 2.20 0.00	37.30 2.95 -0.01	40.94 3.24 -0.01	44.53 3.79 -0.01	50.29 3.77 0.00	63.97 4.17 -4.22	74.25 4.25 -5.66	76.14 4.54 -3.87	79.42 5.18 -1.36	83.96 5.93 -0.01	93.39 6.36 -2.22	118.68 7.76 -3.17	145.37 9.14 -7.47	134.64 7.42 -16.48	112.41 4.37 -22.27	93.86 4.07 -12.99	79.44 3.90 -15.42	73.38 4.42 -13.74	65.39 4.19 -10.16
HEWLETT_69_KV_BK3 55828	40.77 3.81 0.00	37.63 3.26 0.00	36.22 2.84 0.00	33.77 2.76 0.00	35.01 2.68 0.00	35.95 2.60 0.00	37.56 3.23 0.00	41.46 3.77 0.00	45.05 4.32 0.00	50.99 4.47 0.00	64.75 4.95 -4.22	74.90 4.89 -5.66	76.75 5.15 -3.87	80.15 5.90 -1.36	84.90 6.87 0.00	94.12 7.21 -2.11	120.29 9.37 -3.16	146.65 10.43 -7.47	138.65 8.53 -19.38	113.19 5.15 -22.27	94.55 4.76 -12.99	80.10 4.57 -15.42	74.04 5.08 -13.74	66.16 5.05 -10.06
HICKLING___1 23621	38.79 1.37 -0.46	35.33 0.65 -0.31	33.96 0.33 -0.24	31.11 0.00 -0.10	32.70 0.19 -0.18	34.02 0.43 -0.24	35.29 0.65 -0.30	39.29 1.09 -0.50	47.19 1.38 -5.08	53.65 2.05 -5.08	63.49 2.83 -5.08	73.16 3.73 -5.08	77.55 4.74 -5.08	82.85 4.88 -5.08	86.06 5.23 -2.80	93.28 5.26 -3.22	118.68 5.60 -5.32	142.04 6.44 -6.84	127.85 7.75 -9.36	102.63 7.03 -9.82	89.15 5.76 -6.59	67.78 3.97 -3.71	59.91 2.71 -1.98	54.91 2.55 -1.31
HICKLING___2 23622	38.79 1.37 -0.46	35.33 0.65 -0.31	33.96 0.33 -0.24	31.11 0.00 -0.10	32.70 0.19 -0.18	34.02 0.43 -0.24	35.29 0.65 -0.30	39.29 1.09 -0.50	47.19 1.38 -5.08	53.65 2.05 -5.08	63.49 2.83 -5.08	73.16 3.73 -5.08	77.55 4.74 -5.08	82.85 4.88 -5.08	86.06 5.23 -2.80	93.28 5.26 -3.22	118.68 5.60 -5.32	142.04 6.44 -6.84	127.85 7.75 -9.36	102.63 7.03 -9.82	89.15 5.76 -6.59	67.78 3.97 -3.71	59.91 2.71 -1.98	54.91 2.55 -1.31
HIGH FALLS___HY 23754	39.51 2.55 0.00	36.46 2.10 0.00	35.05 1.67 0.00	32.72 1.71 0.00	33.98 1.65 0.00	34.98 1.63 0.00	36.33 1.99 0.00	40.03 2.34 0.00	43.46 2.73 0.00	49.32 2.79 0.00	58.58 3.00 0.00	67.37 3.02 0.00	70.30 3.59 1.02	75.28 4.15 1.76	78.38 5.07 4.72	83.67 5.51 6.65	106.53 7.22 8.44	136.94 8.50 0.32	134.22 6.87 -16.61	123.67 4.46 -33.43	94.50 4.07 -13.63	70.31 3.55 -6.65	61.08 3.59 -2.27	54.31 3.27 0.00
HIGH_RIVER___SOLAR 323847	39.14 2.18 0.00	36.33 1.96 0.00	35.12 1.74 0.00	32.66 1.64 0.00	33.98 1.65 0.00	35.02 1.67 0.00	36.22 1.89 0.00	39.69 2.00 0.00	42.93 2.20 0.00	48.95 2.42 0.00	58.25 2.67 0.00	67.57 3.22 0.00	73.19 3.45 -2.01	80.30 3.94 -3.48	91.82 4.45 -9.35	103.06 5.09 -13.17	177.91 6.03 -64.13	248.75 7.34 -112.66	331.86 6.76 -214.37	359.01 5.32 -267.92	249.62 4.84 -167.99	144.60 3.79 -80.70	76.13 3.48 -17.43	54.21 3.16 0.00

HILLBURN___GT 23639	39.18 2.22 0.00	36.40 2.03 0.00	34.92 1.54 0.00	32.63 1.61 0.00	33.88 1.55 0.00	34.81 1.47 0.00	36.36 2.03 0.00	39.80 2.11 0.00	43.30 2.57 0.00	49.22 2.70 0.00	58.47 2.89 0.00	67.25 2.90 0.00	70.91 3.18 0.00	76.60 3.72 0.00	82.32 4.29 0.00	89.74 4.83 -0.10	116.84 6.14 -2.95	142.55 6.82 -6.97	131.44 5.32 -15.39	109.82 3.26 -20.79	91.92 2.99 -12.13	68.59 2.64 -5.84	59.62 3.04 -1.36	53.90 2.86 0.00
HILLSIDE_115KV_TB1 80332	38.14 0.70 -0.48	34.79 0.10 -0.32	33.46 -0.17 -0.25	30.71 -0.40 -0.10	32.25 -0.26 -0.18	33.49 -0.10 -0.25	34.75 0.10 -0.31	38.63 0.41 -0.52	46.59 0.61 -5.25	52.85 1.07 -5.25	62.50 1.67 -5.25	71.92 2.32 -5.25	76.16 3.18 -5.25	81.34 3.21 -5.25	84.28 3.36 -2.90	91.44 3.31 -3.33	116.39 3.12 -5.51	139.32 3.48 -7.08	125.41 4.98 -9.69	100.66 4.72 -10.17	87.39 3.76 -6.83	66.47 2.52 -3.84	58.82 1.55 -2.05	53.88 1.48 -1.36
HISHELDN_WT_PWR 323625	37.99 1.03 0.00	34.33 -0.03 0.00	32.81 -0.57 0.00	30.11 -0.90 0.00	31.62 -0.71 0.00	32.81 -0.53 0.00	34.10 -0.24 0.00	38.30 0.60 0.00	41.18 0.45 0.00	47.92 1.39 0.00	57.64 2.06 0.00	67.44 3.09 0.00	72.27 4.54 0.00	77.33 4.45 0.00	82.95 4.92 0.00	88.87 4.07 0.00	111.52 3.77 0.00	132.75 4.00 0.00	116.94 6.20 0.00	92.72 6.94 0.00	81.64 4.84 0.00	63.17 3.06 0.00	56.87 1.66 0.00	52.98 1.94 0.00
HOLTSVILLE_IC_1 23690	41.14 4.18 -0.01	38.12 3.75 -0.01	36.42 3.04 0.00	34.02 3.01 0.00	35.21 2.88 0.00	36.22 2.87 0.00	38.12 3.78 -0.01	41.81 4.11 -0.01	45.63 4.89 -0.01	51.22 4.70 0.00	65.30 5.50 -4.22	75.87 5.85 -5.67	77.54 5.89 -3.92	94.14 6.42 -14.84	123.04 7.10 -37.91	225.06 7.29 -132.96	256.40 8.94 -139.71	281.38 10.68 -141.94	240.29 8.86 -120.69	215.53 5.32 -124.43	138.63 5.07 -56.77	101.28 5.11 -36.06	74.80 5.80 -13.79	76.05 5.56 -19.44
HOLTSVILLE_IC_10 23699	41.36 4.40 -0.01	38.33 3.95 -0.01	36.59 3.20 0.00	34.14 3.13 0.00	35.37 3.04 0.00	36.38 3.03 0.00	38.29 3.95 -0.01	42.03 4.33 -0.01	45.87 5.13 -0.01	51.55 5.03 0.00	65.75 5.95 -4.22	76.39 6.37 -5.67	78.22 6.57 -3.93	95.93 7.15 -15.90	126.79 7.88 -40.89	236.17 8.14 -143.23	267.99 9.80 -150.43	293.10 11.84 -152.50	249.56 9.75 -129.07	224.41 6.18 -132.46	142.84 5.83 -60.20	103.13 5.65 -37.37	75.25 6.24 -13.79	77.22 5.97 -20.21
HOLTSVILLE_IC_2 23691	41.14 4.18 -0.01	38.12 3.75 -0.01	36.42 3.04 0.00	34.02 3.01 0.00	35.21 2.88 0.00	36.22 2.87 0.00	38.12 3.78 -0.01	41.81 4.11 -0.01	45.63 4.89 -0.01	51.22 4.70 0.00	65.30 5.50 -4.22	75.87 5.85 -5.67	77.54 5.89 -3.92	94.14 6.42 -14.84	123.04 7.10 -37.91	225.06 7.29 -132.96	256.40 8.94 -139.71	281.38 10.68 -141.94	240.29 8.86 -120.69	215.53 5.32 -124.43	138.63 5.07 -56.77	101.28 5.11 -36.06	74.80 5.80 -13.79	76.05 5.56 -19.44
HOLTSVILLE_IC_3 23692	41.14 4.18 -0.01	38.12 3.75 -0.01	36.42 3.04 0.00	34.02 3.01 0.00	35.21 2.88 0.00	36.22 2.87 0.00	38.12 3.78 -0.01	41.81 4.11 -0.01	45.63 4.89 -0.01	51.22 4.70 0.00	65.30 5.50 -4.22	75.87 5.85 -5.67	77.54 5.89 -3.92	94.14 6.42 -14.84	123.04 7.10 -37.91	225.06 7.29 -132.96	256.40 8.94 -139.71	281.38 10.68 -141.94	240.29 8.86 -120.69	215.53 5.32 -124.43	138.63 5.07 -56.77	101.28 5.11 -36.06	74.80 5.80 -13.79	76.05 5.56 -19.44
HOLTSVILLE_IC_4 23693	41.14 4.18 -0.01	38.12 3.75 -0.01	36.42 3.04 0.00	34.02 3.01 0.00	35.21 2.88 0.00	36.22 2.87 0.00	38.12 3.78 -0.01	41.81 4.11 -0.01	45.63 4.89 -0.01	51.22 4.70 0.00	65.30 5.50 -4.22	75.87 5.85 -5.67	77.54 5.89 -3.92	94.14 6.42 -14.84	123.04 7.10 -37.91	225.06 7.29 -132.96	256.40 8.94 -139.71	281.38 10.68 -141.94	240.29 8.86 -120.69	215.53 5.32 -124.43	138.63 5.07 -56.77	101.28 5.11 -36.06	74.80 5.80 -13.79	76.05 5.56 -19.44
HOLTSVILLE_IC_5 23694	41.14 4.18 -0.01	38.12 3.75 -0.01	36.42 3.04 0.00	34.02 3.01 0.00	35.21 2.88 0.00	36.22 2.87 0.00	38.12 3.78 -0.01	41.81 4.11 -0.01	45.63 4.89 -0.01	51.22 4.70 0.00	65.30 5.50 -4.22	75.87 5.85 -5.67	77.54 5.89 -3.92	94.14 6.42 -14.84	123.04 7.10 -37.91	225.06 7.29 -132.96	256.40 8.94 -139.71	281.38 10.68 -141.94	240.29 8.86 -120.69	215.53 5.32 -124.43	138.63 5.07 -56.77	101.28 5.11 -36.06	74.80 5.80 -13.79	76.05 5.56 -19.44
HOLTSVILLE_IC_6 23695	41.36 4.40 -0.01	38.33 3.95 -0.01	36.59 3.20 0.00	34.14 3.13 0.00	35.37 3.04 0.00	36.38 3.03 0.00	38.29 3.95 -0.01	42.03 4.33 -0.01	45.87 5.13 -0.01	51.55 5.03 0.00	65.75 5.95 -4.22	76.39 6.37 -5.67	78.22 6.57 -3.93	95.93 7.15 -15.90	126.79 7.88 -40.89	236.17 8.14 -143.23	267.99 9.80 -150.43	293.10 11.84 -152.50	249.56 9.75 -129.07	224.41 6.18 -132.46	142.84 5.83 -60.20	103.13 5.65 -37.37	75.25 6.24 -13.79	77.22 5.97 -20.21
HOLTSVILLE_IC_7 23696	41.36 4.40 -0.01	38.33 3.95 -0.01	36.59 3.20 0.00	34.14 3.13 0.00	35.37 3.04 0.00	36.38 3.03 0.00	38.29 3.95 -0.01	42.03 4.33 -0.01	45.87 5.13 -0.01	51.55 5.03 0.00	65.75 5.95 -4.22	76.39 6.37 -5.67	78.22 6.57 -3.93	95.93 7.15 -15.90	126.79 7.88 -40.89	236.17 8.14 -143.23	267.99 9.80 -150.43	293.10 11.84 -152.50	249.56 9.75 -129.07	224.41 6.18 -132.46	142.84 5.83 -60.20	103.13 5.65 -37.37	75.25 6.24 -13.79	77.22 5.97 -20.21
HOLTSVILLE_IC_8 23697	41.36 4.40 -0.01	38.33 3.95 -0.01	36.59 3.20 0.00	34.14 3.13 0.00	35.37 3.04 0.00	36.38 3.03 0.00	38.29 3.95 -0.01	42.03 4.33 -0.01	45.87 5.13 -0.01	51.55 5.03 0.00	65.75 5.95 -4.22	76.39 6.37 -5.67	78.22 6.57 -3.93	95.93 7.15 -15.90	126.79 7.88 -40.89	236.17 8.14 -143.23	267.99 9.80 -150.43	293.10 11.84 -152.50	249.56 9.75 -129.07	224.41 6.18 -132.46	142.84 5.83 -60.20	103.13 5.65 -37.37	75.25 6.24 -13.79	77.22 5.97 -20.21
HOLTSVILLE_IC_9 23698	41.36 4.40 -0.01	38.33 3.95 -0.01	36.59 3.20 0.00	34.14 3.13 0.00	35.37 3.04 0.00	36.38 3.03 0.00	38.29 3.95 -0.01	42.03 4.33 -0.01	45.87 5.13 -0.01	51.55 5.03 0.00	65.75 5.95 -4.22	76.39 6.37 -5.67	78.22 6.57 -3.93	95.93 7.15 -15.90	126.79 7.88 -40.89	236.17 8.14 -143.23	267.99 9.80 -150.43	293.10 11.84 -152.50	249.56 9.75 -129.07	224.41 6.18 -132.46	142.84 5.83 -60.20	103.13 5.65 -37.37	75.25 6.24 -13.79	77.22 5.97 -20.21
HOMER_HL_115KV_TB2 355744	38.07 1.11 0.00	34.51 0.14 0.00	33.08 -0.30 0.00	30.36 -0.65 0.00	31.88 -0.45 0.00	33.11 -0.23 0.00	34.40 0.07 0.00	38.22 0.53 0.00	41.38 0.65 0.00	47.83 1.30 0.00	57.80 2.22 0.00	67.50 3.15 0.00	72.40 4.67 0.00	77.48 4.59 0.00	82.63 4.60 0.00	89.30 4.49 0.00	111.96 4.20 0.00	133.26 4.51 0.00	117.61 6.87 0.00	92.55 6.78 0.00	81.79 4.99 0.00	63.30 3.19 0.00	56.93 1.71 0.00	52.93 1.89 0.00
HOWARD_WT_PWR 323690	38.81 1.52 -0.34	35.14 0.55 -0.22	33.59 0.03 -0.18	30.78 -0.31 -0.07	32.36 -0.10 -0.13	33.82 0.30 -0.17	35.28 0.72 -0.22	39.76 1.70 -0.37	45.96 1.51 -3.72	52.76 2.51 -3.72	62.69 3.39 -3.72	72.50 4.44 -3.72	77.20 5.75 -3.72	82.58 5.98 -3.72	86.63 6.56 -2.05	93.18 6.02 -2.36	117.44 6.46 -3.22	139.64 7.46 -3.42	123.26 9.19 -3.34	97.22 9.00 -2.44	85.84 6.99 -2.06	66.18 4.69 -1.38	59.56 3.20 -1.14	55.02 3.01 -0.96

HQ_GEN_CEDARS 23644	35.44 -1.52 0.00	33.23 -1.13 0.00	32.55 -0.83 0.00	30.27 -0.74 0.00	31.59 -0.74 0.00	32.61 -0.73 0.00	33.30 -1.03 0.00	36.41 -1.28 0.00	39.27 -1.47 0.00	44.71 -1.81 0.00	53.58 -2.00 0.00	61.84 -2.51 0.00	64.82 -2.91 0.00	69.24 -3.64 0.00	73.58 -4.45 0.00	79.97 -4.83 0.00	102.58 -5.17 0.00	123.09 -5.67 0.00	105.42 -5.32 0.00	81.74 -4.03 0.00	73.11 -3.69 0.00	57.47 -2.64 0.00	52.96 -2.26 0.00	48.95 -2.09 0.00
HQ_GEN_CEDARS_PROXY 323590	35.44 -1.52 0.00	33.10 -1.27 0.00	32.55 -0.83 0.00	30.27 -0.74 0.00	31.59 -0.74 0.00	32.61 -0.73 0.00	33.20 -1.13 0.00	36.41 -1.28 0.00	39.27 -1.46 0.00	44.71 -1.82 0.00	53.58 -2.00 0.00	61.84 -2.51 0.00	64.75 -2.98 0.00	69.17 -3.71 0.00	73.43 -4.60 0.00	79.88 -4.92 0.00	102.48 -5.28 0.00	122.84 -5.92 0.00	105.21 -5.53 0.00	81.49 -4.29 0.00	73.04 -3.76 0.00	59.17 -2.64 -1.71	51.25 -2.27 1.71	48.95 -2.09 0.00
HQ_GEN_IMPORT 323601	35.92 -1.03 0.00	33.51 -0.86 0.00	32.88 -0.50 0.00	30.55 -0.46 0.00	31.85 -0.48 0.00	32.88 -0.47 0.00	33.51 -0.82 0.00	36.79 -0.91 0.00	39.80 -0.94 0.00	45.41 -1.12 0.00	54.36 -1.22 0.00	62.93 -1.42 0.00	65.97 -1.76 0.00	70.84 -2.04 0.00	75.46 -2.57 0.00	82.09 -2.72 0.00	105.07 -2.69 0.00	125.92 -2.83 0.00	107.86 -2.88 0.00	83.54 -2.23 0.00	74.80 -2.00 0.00	60.13 -1.68 -1.71	51.97 -1.55 1.71	49.61 -1.43 0.00
HQ_GEN_WHEEL 23651	35.92 -1.03 0.00	33.51 -0.86 0.00	32.88 -0.50 0.00	30.55 -0.46 0.00	31.85 -0.48 0.00	32.88 -0.47 0.00	33.51 -0.82 0.00	36.79 -0.91 0.00	39.80 -0.94 0.00	45.41 -1.12 0.00	54.36 -1.22 0.00	62.93 -1.42 0.00	65.97 -1.76 0.00	70.84 -2.04 0.00	75.46 -2.57 0.00	82.09 -2.72 0.00	105.07 -2.69 0.00	125.92 -2.83 0.00	107.86 -2.88 0.00	83.54 -2.23 0.00	74.80 -2.00 0.00	60.13 -1.68 -1.71	51.97 -1.55 1.71	49.61 -1.43 0.00
HUDSON_AVE_GT_3 23810	39.88 2.92 0.00	36.70 2.34 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.06 3.54 0.00	59.14 3.56 0.00	67.82 3.47 0.00	71.32 3.59 0.00	77.11 4.23 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.92 7.00 -3.16	144.20 7.98 -7.46	133.30 6.09 -16.47	111.72 3.69 -22.26	93.24 3.46 -12.99	69.43 3.07 -6.25	60.38 3.70 -1.46	54.62 3.57 0.00
HUDSON_AVE_GT_4 23540	39.88 2.92 0.00	36.70 2.34 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.06 3.54 0.00	59.14 3.56 0.00	67.82 3.47 0.00	71.32 3.59 0.00	77.11 4.23 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.92 7.00 -3.16	144.20 7.98 -7.46	133.30 6.09 -16.47	111.72 3.69 -22.26	93.24 3.46 -12.99	69.43 3.07 -6.25	60.38 3.70 -1.46	54.62 3.57 0.00
HUDSON_AVE_GT_5 23657	39.88 2.92 0.00	36.70 2.34 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.60 2.90 0.00	44.03 3.30 0.00	50.06 3.54 0.00	59.14 3.56 0.00	67.82 3.47 0.00	71.32 3.59 0.00	77.11 4.23 0.00	83.02 4.99 0.00	90.23 5.43 0.00	117.92 7.00 -3.16	144.20 7.98 -7.46	133.30 6.09 -16.47	111.72 3.69 -22.26	93.24 3.46 -12.99	69.43 3.07 -6.25	60.38 3.70 -1.46	54.62 3.57 0.00
HUDSON_AVE_10 24168	39.73 2.77 0.00	36.60 2.23 0.00	35.18 1.80 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.97 3.44 0.00	58.92 3.33 0.00	67.57 3.22 0.00	70.98 3.25 0.00	76.75 3.86 0.00	82.63 4.60 0.00	89.89 5.09 0.00	117.49 6.57 -3.16	143.69 7.47 -7.46	134.33 5.65 -17.94	111.38 3.35 -22.26	92.94 3.15 -12.99	69.19 2.83 -6.25	60.27 3.59 -1.46	54.46 3.42 0.00
HUDSON___115KV_TB 4 355613	39.21 2.25 0.00	36.46 2.10 0.00	35.25 1.87 0.00	32.87 1.86 0.00	34.11 1.78 0.00	35.15 1.80 0.00	36.33 1.99 0.00	39.73 2.04 0.00	42.65 1.91 0.00	48.48 1.95 0.00	57.58 2.00 0.00	66.73 2.38 0.00	62.41 2.44 7.76	62.54 3.06 13.41	45.59 3.59 36.03	38.26 4.24 50.78	26.40 5.06 86.42	80.50 6.05 54.31	128.57 5.43 -12.40	190.30 3.86 -100.67	94.22 3.61 -13.82	70.40 2.95 -7.35	65.42 3.04 -7.17	53.90 2.86 0.00
HUNTER MOUNT___DRP 323613	39.47 2.51 0.00	36.70 2.34 0.00	35.45 2.07 0.00	33.06 2.05 0.00	34.30 1.97 0.00	35.35 2.00 0.00	36.53 2.20 0.00	39.92 2.22 0.00	42.89 2.16 0.00	48.71 2.19 0.00	57.86 2.28 0.00	67.18 2.83 0.00	64.88 2.98 5.83	66.45 3.64 10.08	55.23 4.29 27.09	51.54 4.92 38.18	50.16 6.03 63.63	98.45 7.34 37.64	133.54 6.42 -16.38	175.55 4.55 -85.23	96.97 4.22 -15.95	71.62 3.31 -8.20	64.66 3.42 -6.01	54.31 3.27 0.00
HUNTINGTON_RES_REC 323705	40.78 3.81 -0.01	37.78 3.40 -0.01	36.12 2.74 0.00	33.71 2.70 0.00	34.92 2.59 0.00	35.92 2.57 0.00	37.78 3.43 -0.01	41.47 3.77 -0.01	45.26 4.52 -0.01	50.95 4.42 0.00	64.97 5.17 -4.22	75.38 5.34 -5.70	77.70 5.96 -4.01	115.00 6.56 -35.56	181.17 7.03 -96.11	425.81 7.29 -333.71	466.17 9.05 -349.37	488.01 10.82 -348.43	403.79 8.86 -284.19	372.32 5.23 -281.31	205.63 4.84 -123.99	113.30 4.93 -48.26	74.84 5.74 -13.87	60.42 5.61 -3.76
HUNTLEY___63 23557	37.70 0.74 0.00	34.09 -0.27 0.00	32.58 -0.80 0.00	29.87 -1.15 0.00	31.36 -0.97 0.00	32.51 -0.83 0.00	33.75 -0.58 0.00	37.20 -0.49 0.00	40.98 0.24 0.00	47.50 0.98 0.00	57.36 1.78 0.00	67.18 2.83 0.00	72.13 4.40 0.00	76.68 3.79 0.00	81.77 3.75 0.00	88.19 3.39 0.00	110.45 2.69 0.00	131.07 2.32 0.00	115.83 5.09 0.00	91.69 5.92 0.00	80.94 4.15 0.00	62.76 2.64 0.00	56.38 1.16 0.00	52.73 1.68 0.00
HUNTLEY___64 23558	37.70 0.74 0.00	34.09 -0.27 0.00	32.58 -0.80 0.00	29.87 -1.15 0.00	31.36 -0.97 0.00	32.51 -0.83 0.00	33.75 -0.58 0.00	37.20 -0.49 0.00	40.98 0.24 0.00	47.50 0.98 0.00	57.36 1.78 0.00	67.18 2.83 0.00	72.13 4.40 0.00	76.68 3.79 0.00	81.77 3.75 0.00	88.19 3.39 0.00	110.45 2.69 0.00	131.07 2.32 0.00	115.83 5.09 0.00	91.69 5.92 0.00	80.94 4.15 0.00	62.76 2.64 0.00	56.38 1.16 0.00	52.73 1.68 0.00
HUNTLEY___65 23559	37.70 0.74 0.00	34.09 -0.27 0.00	32.58 -0.80 0.00	29.87 -1.15 0.00	31.36 -0.97 0.00	32.51 -0.83 0.00	33.75 -0.58 0.00	37.20 -0.49 0.00	40.98 0.24 0.00	47.50 0.98 0.00	57.36 1.78 0.00	67.18 2.83 0.00	72.13 4.40 0.00	76.68 3.79 0.00	81.77 3.75 0.00	88.19 3.39 0.00	110.45 2.69 0.00	131.07 2.32 0.00	115.83 5.09 0.00	91.69 5.92 0.00	80.94 4.15 0.00	62.76 2.64 0.00	56.38 1.16 0.00	52.73 1.68 0.00
HUNTLEY___66 23560	37.70 0.74 0.00	34.09 -0.27 0.00	32.58 -0.80 0.00	29.87 -1.15 0.00	31.36 -0.97 0.00	32.51 -0.83 0.00	33.75 -0.58 0.00	37.20 -0.49 0.00	40.98 0.24 0.00	47.50 0.98 0.00	57.36 1.78 0.00	67.18 2.83 0.00	72.13 4.40 0.00	76.68 3.79 0.00	81.77 3.75 0.00	88.19 3.39 0.00	110.45 2.69 0.00	131.07 2.32 0.00	115.83 5.09 0.00	91.69 5.92 0.00	80.94 4.15 0.00	62.76 2.64 0.00	56.38 1.16 0.00	52.73 1.68 0.00

HUNTLEY___67 23561	37.44 0.48 0.00	33.85 -0.52 0.00	32.38 -1.00 0.00	29.71 -1.30 0.00	31.20 -1.13 0.00	32.35 -1.00 0.00	33.61 -0.72 0.00	36.98 -0.72 0.00	40.69 -0.04 0.00	47.13 0.60 0.00	57.08 1.50 0.00	66.86 2.51 0.00	71.72 4.00 0.00	76.38 3.50 0.00	81.46 3.43 0.00	87.94 3.14 0.00	110.02 2.26 0.00	130.69 1.93 0.00	115.39 4.65 0.00	91.35 5.58 0.00	80.71 3.92 0.00	62.51 2.40 0.00	56.21 0.99 0.00	52.57 1.53 0.00
HUNTLEY___68 23562	37.44 0.48 0.00	33.85 -0.52 0.00	32.38 -1.00 0.00	29.71 -1.30 0.00	31.20 -1.13 0.00	32.35 -1.00 0.00	33.61 -0.72 0.00	36.98 -0.72 0.00	40.69 -0.04 0.00	47.13 0.60 0.00	57.08 1.50 0.00	66.86 2.51 0.00	71.72 4.00 0.00	76.38 3.50 0.00	81.46 3.43 0.00	87.94 3.14 0.00	110.02 2.26 0.00	130.69 1.93 0.00	115.39 4.65 0.00	91.35 5.58 0.00	80.71 3.92 0.00	62.51 2.40 0.00	56.21 0.99 0.00	52.57 1.53 0.00
HYLAND___LFGE 323620	38.81 1.85 0.00	35.26 0.89 0.00	33.68 0.30 0.00	30.92 -0.09 0.00	32.52 0.20 0.00	33.81 0.47 0.00	35.06 0.72 0.00	38.56 0.87 0.00	40.57 -0.16 0.00	46.39 -0.14 0.00	55.19 -0.39 0.00	60.75 -3.60 0.00	64.48 -3.25 0.00	68.95 -3.94 0.00	73.97 -4.06 0.00	79.97 -4.83 0.00	101.50 -6.25 0.00	122.06 -6.70 0.00	109.74 -1.00 0.00	89.37 3.60 0.00	79.48 2.69 0.00	61.85 1.74 0.00	59.20 3.98 0.00	54.31 3.27 0.00
INDECK___CORINTH 23802	39.21 2.25 0.00	36.46 2.10 0.00	35.08 1.70 0.00	32.63 1.61 0.00	33.88 1.55 0.00	34.98 1.63 0.00	36.29 1.96 0.00	39.73 2.03 0.00	43.13 2.40 0.00	48.85 2.33 0.00	58.25 2.67 0.00	67.95 3.60 0.00	74.22 3.32 -3.18	83.05 4.67 -5.50	98.10 5.31 -14.76	113.59 6.70 -22.09	193.96 8.30 -77.91	261.49 10.05 -122.68	336.30 8.97 -216.60	351.12 7.03 -258.32	252.15 6.22 -169.14	145.89 4.63 -81.15	75.96 4.03 -16.71	54.51 3.47 0.00
INDECK___ILION 23567	37.44 0.48 0.00	34.75 0.38 0.00	33.68 0.30 0.00	31.26 0.25 0.00	32.59 0.26 0.00	33.65 0.30 0.00	34.71 0.38 0.00	38.15 0.45 0.00	41.22 0.49 0.00	47.08 0.56 0.00	56.25 0.67 0.00	65.12 0.77 0.00	68.61 0.88 0.00	73.91 1.02 0.00	79.20 1.17 0.00	85.99 1.19 0.00	109.05 1.29 0.00	130.30 1.55 0.00	112.07 1.33 0.00	86.80 1.03 0.00	77.72 0.92 0.00	60.89 0.78 0.00	55.94 0.72 0.00	51.71 0.66 0.00
INDECK___OLEAN 23982	38.29 1.33 0.00	34.68 0.31 0.00	33.15 -0.23 0.00	30.42 -0.59 0.00	31.94 -0.39 0.00	33.18 -0.17 0.00	34.58 0.24 0.00	38.86 1.17 0.00	41.38 0.65 0.00	48.06 1.53 0.00	57.81 2.23 0.00	67.56 3.22 0.00	72.40 4.67 0.00	77.55 4.67 0.00	83.26 5.23 0.00	89.29 4.49 0.00	112.18 4.42 0.00	133.52 4.77 0.00	117.93 7.19 0.00	93.06 7.29 0.00	81.86 5.07 0.00	63.29 3.18 0.00	56.93 1.71 0.00	52.93 1.89 0.00
INDECK___OSWEGO 23783	40.26 -0.33 -3.63	36.30 -0.48 -2.41	34.64 -0.64 -1.89	31.12 -0.68 -0.79	33.08 -0.65 -1.40	34.61 -0.60 -1.87	36.22 -0.48 -2.37	40.96 -0.68 -3.94	79.74 -0.90 -39.91	85.55 -0.89 -39.91	94.49 -1.00 -39.91	103.22 -1.03 -39.91	106.69 -0.95 -39.91	111.77 -1.02 -39.91	99.17 -0.86 -22.00	108.98 -1.10 -25.28	140.53 -1.83 -34.60	163.27 -2.19 -36.70	145.24 -1.32 -35.82	111.29 -0.69 -26.20	98.10 -0.77 -22.07	74.37 -0.54 -14.80	66.69 -0.77 -12.24	60.55 -0.82 -10.33
INDECK___YERKES 23781	38.11 1.15 0.00	34.30 -0.07 0.00	32.78 -0.60 0.00	30.05 -0.96 0.00	31.52 -0.81 0.00	32.68 -0.67 0.00	33.96 -0.38 0.00	38.18 0.49 0.00	41.06 0.32 0.00	47.88 1.35 0.00	57.36 1.78 0.00	67.25 2.90 0.00	72.13 4.40 0.00	76.89 4.01 0.00	82.47 4.45 0.00	88.20 3.40 0.00	110.55 2.80 0.00	131.47 2.71 0.00	116.06 5.32 0.00	92.29 6.52 0.00	81.02 4.22 0.00	62.82 2.71 0.00	56.49 1.27 0.00	52.78 1.74 0.00
INDIAN POINT_GT_1 24139	39.36 2.40 0.00	36.40 2.03 0.00	35.05 1.67 0.00	32.72 1.71 0.00	34.01 1.68 0.00	34.95 1.60 0.00	36.36 2.03 0.00	40.11 2.41 0.00	43.50 2.77 0.00	49.46 2.93 0.00	58.64 3.06 0.00	67.44 3.09 0.00	70.98 3.25 0.00	76.75 3.86 0.00	82.55 4.53 0.00	89.72 4.92 0.00	117.12 6.25 -3.11	143.20 7.08 -7.36	132.52 5.54 -16.25	111.16 3.43 -21.96	92.83 3.23 -12.81	69.10 2.83 -6.17	59.92 3.26 -1.44	54.10 3.06 0.00
INDIAN POINT_GT_2 23659	39.36 2.40 0.00	36.40 2.03 0.00	35.05 1.67 0.00	32.72 1.71 0.00	34.01 1.68 0.00	34.95 1.60 0.00	36.36 2.03 0.00	40.11 2.41 0.00	43.50 2.77 0.00	49.46 2.93 0.00	58.64 3.06 0.00	67.44 3.09 0.00	70.98 3.25 0.00	76.75 3.86 0.00	82.55 4.53 0.00	89.72 4.92 0.00	117.12 6.25 -3.11	143.20 7.08 -7.36	132.52 5.54 -16.25	111.16 3.43 -21.96	92.83 3.23 -12.81	69.10 2.83 -6.17	59.92 3.26 -1.44	54.10 3.06 0.00
INDIAN POINT_GT_3 24019	39.36 2.40 0.00	36.40 2.03 0.00	35.05 1.67 0.00	32.72 1.71 0.00	34.01 1.68 0.00	34.95 1.60 0.00	36.36 2.03 0.00	40.11 2.41 0.00	43.50 2.77 0.00	49.46 2.93 0.00	58.64 3.06 0.00	67.44 3.09 0.00	70.98 3.25 0.00	76.75 3.86 0.00	82.55 4.53 0.00	89.72 4.92 0.00	117.12 6.25 -3.11	143.20 7.08 -7.36	132.52 5.54 -16.25	111.16 3.43 -21.96	92.83 3.23 -12.81	69.10 2.83 -6.17	59.92 3.26 -1.44	54.10 3.06 0.00
INDIAN POINT___2 23530	39.25 2.29 0.00	36.43 2.06 0.00	34.95 1.57 0.00	32.66 1.64 0.00	33.91 1.58 0.00	34.85 1.50 0.00	36.39 2.06 0.00	39.88 2.19 0.00	43.38 2.65 0.00	49.27 2.74 0.00	58.47 2.89 0.00	67.25 2.90 0.00	70.84 3.12 0.00	76.53 3.64 0.00	82.24 4.21 0.00	89.66 4.75 -0.11	116.73 5.92 -3.05	142.53 6.56 -7.21	131.87 5.21 -15.92	110.47 3.18 -21.52	92.34 2.99 -12.56	68.74 2.58 -6.04	59.67 3.04 -1.41	53.95 2.91 0.00
INDIAN POINT___3 23531	39.29 2.33 0.00	36.33 1.96 0.00	35.02 1.64 0.00	32.69 1.67 0.00	33.95 1.62 0.00	34.92 1.57 0.00	36.29 1.96 0.00	40.03 2.34 0.00	43.38 2.65 0.00	49.32 2.79 0.00	58.47 2.89 0.00	67.24 2.90 0.00	70.78 3.05 0.00	76.46 3.57 0.00	82.32 4.29 0.00	89.47 4.66 0.00	116.69 5.82 -3.12	142.69 6.57 -7.37	132.10 5.09 -16.26	110.84 3.09 -21.98	92.54 2.92 -12.82	68.93 2.64 -6.17	59.75 3.09 -1.44	53.95 2.91 0.00
INGHAM_C_115KV_TB7 356103	37.26 0.30 0.00	34.61 0.24 0.00	33.51 0.13 0.00	31.11 0.09 0.00	32.46 0.13 0.00	33.51 0.17 0.00	34.57 0.24 0.00	38.00 0.30 0.00	41.10 0.37 0.00	46.95 0.42 0.00	56.08 0.50 0.00	64.99 0.64 0.00	68.47 0.75 0.00	73.76 0.87 0.00	78.97 0.94 0.00	85.65 0.85 0.00	108.51 0.75 0.00	129.66 0.90 0.00	111.52 0.78 0.00	86.29 0.51 0.00	77.33 0.54 0.00	60.59 0.48 0.00	55.72 0.50 0.00	51.50 0.46 0.00
IP CORINTH___1 23988	39.47 2.51 0.00	36.60 2.23 0.00	35.28 1.90 0.00	32.81 1.80 0.00	34.07 1.75 0.00	35.18 1.83 0.00	36.43 2.09 0.00	39.99 2.30 0.00	43.38 2.65 0.00	49.18 2.65 0.00	58.58 3.00 0.00	68.34 3.99 0.00	74.63 3.73 -3.18	83.48 5.10 -5.50	98.57 5.77 -14.76	112.82 7.21 -20.81	194.61 8.94 -77.91	262.25 10.82 -122.68	336.86 9.52 -216.60	351.64 7.55 -258.32	252.62 6.68 -169.14	146.25 4.99 -81.15	76.30 4.36 -16.71	54.87 3.83 0.00

IP___TICONDEROGA 23804	41.88 4.92 0.00	38.80 4.43 0.00	37.29 3.91 0.00	34.61 3.60 0.00	35.89 3.56 0.00	37.12 3.77 0.00	38.49 4.15 0.00	42.22 4.52 0.00	45.95 5.21 0.00	52.30 5.77 0.00	62.36 6.78 0.00	73.36 9.01 0.00	80.11 9.08 -3.31	89.53 10.93 -5.71	105.40 12.02 -15.35	120.43 13.99 -21.64	204.80 17.78 -79.27	273.83 21.63 -123.44	346.23 19.38 -216.11	357.58 15.52 -256.29	259.16 13.67 -168.69	151.13 10.10 -80.92	80.29 8.50 -16.57	58.55 7.50 0.00
ISLIP_RES_REC 323679	41.59 4.62 -0.01	38.50 4.12 -0.01	36.79 3.41 0.00	34.33 3.32 0.00	35.53 3.20 0.00	36.55 3.20 0.00	38.50 4.15 -0.01	42.26 4.56 -0.01	46.16 5.42 -0.01	51.87 5.35 0.00	66.19 6.39 -4.22	76.97 6.95 -5.67	78.90 7.25 -3.92	95.36 7.87 -14.60	123.91 8.66 -37.23	224.48 9.08 -130.60	256.00 11.00 -137.25	281.42 13.14 -139.52	240.52 10.97 -118.81	215.40 7.03 -122.59	139.30 6.52 -55.98	103.52 6.19 -37.22	75.69 6.68 -13.79	76.74 6.38 -19.32
JAMAICA__27_KV_LOAD 355505	39.88 2.92 0.00	36.74 2.37 0.00	35.28 1.90 0.00	33.00 1.98 0.00	34.24 1.91 0.00	35.18 1.83 0.00	36.81 2.47 0.00	40.67 2.98 0.00	44.23 3.50 0.00	50.29 3.77 0.00	59.08 3.50 0.00	67.69 3.35 0.00	71.11 3.39 0.00	76.97 4.08 0.00	82.87 4.84 0.00	90.23 5.43 0.00	118.13 7.22 -3.16	144.59 8.37 -7.46	135.28 6.31 -18.23	111.81 3.77 -22.26	93.40 3.61 -12.99	69.37 3.01 -6.25	60.66 3.98 -1.46	54.77 3.73 0.00
JANIS___SOLAR 323808	40.39 2.73 -0.69	36.99 2.17 -0.46	35.51 1.77 -0.36	32.59 1.43 -0.15	34.24 1.65 -0.27	35.64 1.93 -0.36	37.02 2.23 -0.45	41.16 2.72 -0.75	50.87 2.53 -7.62	57.12 2.98 -7.62	66.70 3.50 -7.62	76.28 4.31 -7.62	80.29 4.94 -7.62	85.89 5.39 -7.62	88.08 5.86 -4.20	95.79 6.11 -4.88	123.68 7.86 -8.07	149.39 10.17 -10.46	135.84 10.63 -14.47	110.35 9.27 -15.31	95.25 8.22 -10.23	72.08 6.25 -5.72	62.92 4.69 -3.01	57.10 4.08 -1.97
JARVIS____ 23743	37.37 0.41 0.00	34.75 0.38 0.00	33.65 0.27 0.00	31.26 0.25 0.00	32.59 0.26 0.00	33.58 0.24 0.00	34.68 0.34 0.00	38.07 0.38 0.00	41.14 0.41 0.00	46.99 0.47 0.00	56.08 0.50 0.00	64.93 0.58 0.00	68.41 0.68 0.00	73.69 0.80 0.00	78.97 0.94 0.00	85.82 1.02 0.00	108.83 1.08 0.00	129.91 1.16 0.00	111.73 0.99 0.00	86.54 0.77 0.00	77.49 0.69 0.00	60.71 0.60 0.00	55.83 0.61 0.00	51.60 0.56 0.00
JENNISON___1 23625	40.40 2.96 -0.49	37.10 2.41 -0.32	35.71 2.07 -0.25	32.86 1.74 -0.11	34.46 1.94 -0.19	35.73 2.13 -0.25	37.09 2.44 -0.32	41.09 2.86 -0.53	49.19 3.10 -5.37	55.62 3.72 -5.37	65.45 4.50 -5.37	75.18 5.47 -5.37	79.33 6.23 -5.37	84.96 6.71 -5.37	88.01 7.02 -2.96	95.75 7.55 -3.40	124.04 9.27 -7.01	150.47 11.20 -10.51	138.84 10.96 -17.13	114.86 8.92 -20.17	97.46 7.99 -12.68	73.03 6.25 -6.67	62.82 4.86 -2.74	56.77 4.34 -1.39
JENNISON___2 23626	40.40 2.96 -0.49	37.10 2.41 -0.32	35.71 2.07 -0.25	32.86 1.74 -0.11	34.46 1.94 -0.19	35.73 2.13 -0.25	37.09 2.44 -0.32	41.09 2.86 -0.53	49.19 3.10 -5.37	55.62 3.72 -5.37	65.45 4.50 -5.37	75.18 5.47 -5.37	79.33 6.23 -5.37	84.96 6.71 -5.37	88.01 7.02 -2.96	95.75 7.55 -3.40	124.04 9.27 -7.01	150.47 11.20 -10.51	138.84 10.96 -17.13	114.86 8.92 -20.17	97.46 7.99 -12.68	73.03 6.25 -6.67	62.82 4.86 -2.74	56.77 4.34 -1.39
JERICHO_RISE_WT_PWR 323719	35.70 -1.26 0.00	33.30 -1.07 0.00	32.75 -0.64 0.00	30.42 -0.59 0.00	31.85 -0.48 0.00	32.85 -0.50 0.00	33.48 -0.86 0.00	36.79 -0.91 0.00	39.84 -0.90 0.00	44.99 -1.53 0.00	53.91 -1.67 0.00	62.23 -2.12 0.00	65.22 -2.50 0.00	69.61 -3.28 0.00	73.50 -4.53 0.00	79.72 -5.09 0.00	102.26 -5.49 0.00	122.71 -6.05 0.00	104.87 -5.87 0.00	81.22 -4.55 0.00	72.88 -3.91 0.00	57.64 -2.47 0.00	53.07 -2.15 0.00	48.95 -2.09 0.00
KATONAH___115KV_46KV_TB4 355592	39.69 2.74 0.00	36.70 2.34 0.00	35.32 1.94 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.22 1.87 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	50.11 3.58 0.00	59.53 3.95 0.00	68.53 4.18 0.00	72.20 4.47 0.00	78.06 5.17 0.00	84.12 6.09 0.00	91.42 6.61 0.00	119.29 8.30 -3.23	145.80 9.40 -7.65	135.15 7.53 -16.88	113.55 4.97 -22.81	94.71 4.61 -13.31	70.30 3.79 -6.41	60.69 3.98 -1.50	54.72 3.68 0.00
KCE_NY_1 323755	39.58 2.62 0.00	36.81 2.44 0.00	35.45 2.07 0.00	32.97 1.96 0.00	34.27 1.94 0.00	35.31 1.97 0.00	36.63 2.30 0.00	40.11 2.41 0.00	43.46 2.73 0.00	49.46 2.93 0.00	58.92 3.33 0.00	68.53 4.18 0.00	75.55 4.34 -3.48	84.08 5.18 -6.02	99.99 5.77 -16.18	115.57 6.70 -24.07	197.12 8.19 -81.18	263.05 9.78 -124.51	334.81 8.64 -215.43	345.89 6.69 -253.43	250.85 5.99 -168.06	145.34 4.63 -80.60	75.78 4.19 -16.37	54.87 3.83 0.00
KCE_NY_6_ESR 323823	38.36 1.40 0.00	34.58 0.21 0.00	33.05 -0.33 0.00	30.30 -0.71 0.00	31.81 -0.52 0.00	32.98 -0.37 0.00	34.33 0.00 0.00	38.60 0.90 0.00	41.50 0.77 0.00	48.39 1.86 0.00	58.25 2.67 0.00	68.27 3.93 0.00	73.21 5.48 0.00	78.28 5.39 0.00	84.04 6.01 0.00	89.89 5.09 0.00	112.71 4.96 0.00	134.04 5.28 0.00	118.27 7.53 0.00	93.93 8.15 0.00	82.48 5.68 0.00	63.84 3.73 0.00	57.37 2.15 0.00	53.49 2.45 0.00
KEDC_PORT_JEFF_GT2 24210	41.25 4.29 -0.01	38.22 3.85 -0.01	36.49 3.10 0.00	34.08 3.07 0.00	35.27 2.94 0.00	36.28 2.94 0.00	38.19 3.84 -0.01	41.92 4.22 -0.01	45.75 5.01 -0.01	51.41 4.88 0.00	65.58 5.78 -4.22	76.20 6.18 -5.67	78.03 6.36 -3.93	97.17 6.70 -17.58	130.80 7.17 -45.60	251.49 7.20 -159.48	283.88 8.72 -167.40	308.54 10.56 -169.22	261.68 8.64 -142.30	236.08 5.15 -145.16	147.29 4.84 -65.65	103.25 5.11 -38.03	75.09 6.07 -13.80	78.27 5.87 -21.36
KEDC_PORT_JEFF_GT3 24211	41.25 4.29 -0.01	38.22 3.85 -0.01	36.49 3.10 0.00	34.08 3.07 0.00	35.27 2.94 0.00	36.28 2.94 0.00	38.19 3.84 -0.01	41.92 4.22 -0.01	45.75 5.01 -0.01	51.41 4.88 0.00	65.58 5.78 -4.22	76.20 6.18 -5.67	78.03 6.36 -3.93	97.17 6.70 -17.58	130.80 7.17 -45.60	251.49 7.20 -159.48	283.88 8.72 -167.40	308.54 10.56 -169.22	261.68 8.64 -142.30	236.08 5.15 -145.16	147.29 4.84 -65.65	103.25 5.11 -38.03	75.09 6.07 -13.80	78.27 5.87 -21.36
KEDC_GLWD_GT4 24219	40.22 3.25 -0.01	37.26 2.89 -0.01	35.68 2.30 0.00	33.34 2.33 0.00	34.59 2.26 0.00	35.55 2.20 0.00	37.26 2.92 -0.01	40.90 3.20 -0.01	44.20 3.46 -0.01	50.06 3.53 0.00	63.75 3.95 -4.22	74.06 4.06 -5.66	76.00 4.40 -3.87	79.35 5.10 -1.36	83.81 5.77 -0.01	93.30 6.28 -2.22	118.68 7.76 -3.17	145.23 9.01 -7.47	134.41 7.19 -16.48	112.41 4.37 -22.27	93.78 3.99 -12.99	79.20 3.67 -15.42	73.04 4.09 -13.74	65.08 3.88 -10.16
KEDC_GLWD_GT5 24220	40.22 3.25 -0.01	37.26 2.89 -0.01	35.68 2.30 0.00	33.34 2.33 0.00	34.59 2.26 0.00	35.55 2.20 0.00	37.26 2.92 -0.01	40.90 3.20 -0.01	44.20 3.46 -0.01	50.06 3.53 0.00	63.75 3.95 -4.22	74.06 4.06 -5.66	76.00 4.40 -3.87	79.35 5.10 -1.36	83.81 5.77 -0.01	93.30 6.28 -2.22	118.68 7.76 -3.17	145.23 9.01 -7.47	134.41 7.19 -16.48	112.41 4.37 -22.27	93.78 3.99 -12.99	79.20 3.67 -15.42	73.04 4.09 -13.74	65.08 3.88 -10.16

KENSICO____ 23655	39.55 2.59 0.00	36.53 2.17 0.00	35.18 1.80 0.00	32.84 1.83 0.00	34.14 1.81 0.00	35.08 1.73 0.00	36.50 2.16 0.00	40.29 2.60 0.00	43.71 2.97 0.00	49.69 3.16 0.00	58.86 3.28 0.00	67.69 3.35 0.00	71.18 3.45 0.00	76.97 4.08 0.00	82.87 4.84 0.00	90.06 5.26 0.00	117.59 6.68 -3.15	143.67 7.47 -7.44	133.04 5.87 -16.43	111.58 3.60 -22.21	93.21 3.46 -12.96	69.35 3.01 -6.24	60.16 3.48 -1.46	54.31 3.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.51 2.55 0.00	36.50 2.13 0.00	35.08 1.70 0.00	32.75 1.74 0.00	34.01 1.68 0.00	35.02 1.67 0.00	36.36 2.03 0.00	39.99 2.30 0.00	43.42 2.69 0.00	49.22 2.70 0.00	58.47 2.89 0.00	67.31 2.96 0.00	70.61 3.45 0.57	75.98 4.08 0.99	80.37 4.99 2.66	86.49 5.43 3.74	111.54 7.22 3.43	140.06 8.37 -2.94	133.84 6.87 -16.23	118.35 4.46 -28.12	94.04 4.15 -13.10	70.07 3.61 -6.36	60.75 3.64 -1.89	54.31 3.27 0.00
KIAC_JFK_GT1 23816	39.51 2.55 0.00	36.53 2.17 0.00	35.08 1.70 0.00	32.81 1.80 0.00	34.07 1.75 0.00	34.98 1.63 0.00	36.60 2.27 0.00	40.29 2.60 0.00	43.83 3.10 0.00	49.83 3.30 0.00	58.47 2.89 0.00	66.99 2.64 0.00	70.37 2.64 0.00	76.16 3.28 0.00	81.93 3.90 0.00	89.21 4.41 0.00	116.84 5.93 -3.16	143.04 6.82 -7.46	133.95 4.98 -18.23	110.69 2.66 -22.26	92.40 2.61 -12.99	68.65 2.28 -6.25	59.99 3.31 -1.46	54.21 3.16 0.00
KIAC_JFK_GT2 23817	39.51 2.55 0.00	36.53 2.17 0.00	35.08 1.70 0.00	32.81 1.80 0.00	34.07 1.75 0.00	34.98 1.63 0.00	36.60 2.27 0.00	40.29 2.60 0.00	43.83 3.10 0.00	49.83 3.30 0.00	58.47 2.89 0.00	66.99 2.64 0.00	70.37 2.64 0.00	76.16 3.28 0.00	81.93 3.90 0.00	89.21 4.41 0.00	116.84 5.93 -3.16	143.04 6.82 -7.46	133.95 4.98 -18.23	110.69 2.66 -22.26	92.40 2.61 -12.99	68.65 2.28 -6.25	59.99 3.31 -1.46	54.21 3.16 0.00
KIAC_JFK____ 323774	39.44 2.48 0.00	36.64 2.27 0.00	35.05 1.67 0.00	32.81 1.80 0.00	34.04 1.71 0.00	34.95 1.60 0.00	36.74 2.40 0.00	40.18 2.49 0.00	43.83 3.09 0.00	49.73 3.21 0.00	58.47 2.89 0.00	66.99 2.64 0.00	70.44 2.71 0.00	76.17 3.28 0.00	81.85 3.82 0.00	89.58 4.66 -0.11	116.94 6.03 -3.16	143.04 6.82 -7.46	133.96 4.99 -18.23	110.78 2.74 -22.26	92.40 2.61 -12.99	68.65 2.28 -6.25	59.99 3.31 -1.46	54.21 3.17 0.00
KINTIGH____ 23543	37.03 0.07 0.00	33.65 -0.72 0.00	32.21 -1.17 0.00	29.59 -1.43 0.00	31.07 -1.26 0.00	32.18 -1.17 0.00	33.44 -0.89 0.00	36.75 -0.94 0.00	40.32 -0.41 0.00	46.57 0.05 0.00	56.30 0.72 0.00	65.89 1.54 0.00	70.44 2.71 0.00	75.07 2.19 0.00	80.14 2.11 0.00	86.58 1.78 0.00	108.51 0.75 0.00	129.01 0.26 0.00	113.62 2.88 0.00	89.72 3.95 0.00	79.49 2.69 0.00	61.61 1.50 0.00	55.55 0.33 0.00	51.86 0.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.26 -0.70 0.00	33.89 -0.48 0.00	33.18 -0.20 0.00	30.80 -0.22 0.00	32.26 -0.06 0.00	33.35 0.00 0.00	34.13 -0.21 0.00	37.47 -0.23 0.00	40.53 -0.20 0.00	45.36 -1.16 0.00	54.36 -1.22 0.00	62.61 -1.74 0.00	65.76 -1.96 0.00	70.04 -2.84 0.00	73.35 -4.68 0.00	79.55 -5.26 0.00	101.94 -5.82 0.00	122.58 -6.18 0.00	104.87 -5.87 0.00	81.40 -4.37 0.00	73.03 -3.76 0.00	58.49 -1.62 0.00	54.01 -1.21 0.00	49.72 -1.33 0.00
LACHUTE__HYDRO 323717	41.88 4.92 0.00	38.87 4.50 0.00	37.28 3.90 0.00	34.61 3.60 0.00	35.89 3.56 0.00	37.11 3.77 0.00	38.59 4.26 0.00	42.22 4.52 0.00	45.95 5.21 0.00	52.29 5.77 0.00	62.36 6.78 0.00	73.36 9.01 0.00	80.11 9.08 -3.31	89.53 10.93 -5.71	105.48 12.09 -15.35	121.70 13.99 -22.91	204.80 17.78 -79.27	273.82 21.62 -123.44	346.23 19.37 -216.11	357.76 15.70 -256.29	259.16 13.67 -168.69	151.13 10.10 -80.92	80.29 8.50 -16.57	58.55 7.51 0.00
LAWRNCAL_115KV_TB1 80681	35.52 -1.44 0.00	33.27 -1.10 0.00	32.58 -0.80 0.00	30.27 -0.74 0.00	31.62 -0.71 0.00	32.68 -0.67 0.00	33.41 -0.93 0.00	36.45 -1.24 0.00	39.02 -1.71 0.00	44.43 -2.09 0.00	53.25 -2.33 0.00	61.32 -3.02 0.00	64.27 -3.45 0.00	68.58 -4.30 0.00	72.80 -5.23 0.00	79.04 -5.77 0.00	101.40 -6.36 0.00	121.68 -7.08 0.00	104.32 -6.42 0.00	80.97 -4.80 0.00	72.50 -4.30 0.00	57.29 -2.83 0.00	52.96 -2.26 0.00	49.00 -2.04 0.00
LEDERLE____ 23769	39.36 2.40 0.00	36.40 2.03 0.00	35.05 1.67 0.00	32.72 1.71 0.00	34.01 1.68 0.00	34.95 1.60 0.00	36.33 1.99 0.00	40.07 2.37 0.00	43.42 2.69 0.00	49.41 2.88 0.00	58.64 3.06 0.00	67.50 3.15 0.00	71.05 3.32 0.00	76.82 3.94 0.00	82.71 4.68 0.00	89.89 5.09 0.00	117.21 6.47 -2.99	143.04 7.21 -7.07	132.11 5.76 -15.61	110.39 3.52 -21.10	92.33 3.23 -12.31	68.86 2.83 -5.93	59.86 3.26 -1.38	54.05 3.01 0.00
LIGHTHSE_115KV_TB6 355974	39.25 0.33 -1.95	35.77 0.10 -1.30	34.33 -0.07 -1.02	31.28 -0.16 -0.42	33.02 -0.06 -0.75	34.38 0.03 -1.00	35.74 0.14 -1.27	40.08 0.26 -2.12	62.28 0.08 -21.47	68.18 0.19 -21.47	77.33 0.28 -21.47	86.39 0.58 -21.47	90.08 0.88 -21.47	95.23 0.87 -21.47	90.88 1.01 -11.84	99.17 0.76 -13.60	126.91 0.54 -18.62	149.14 0.64 -19.74	131.45 1.44 -19.27	101.50 1.63 -14.10	90.13 1.46 -11.87	69.39 1.32 -7.96	62.58 0.77 -6.58	57.16 0.56 -5.55
LINDEN COGEN____ 23786	39.51 2.55 0.00	36.53 2.17 0.00	35.02 1.64 0.00	32.75 1.74 0.00	33.98 1.65 0.00	34.92 1.57 0.00	36.60 2.27 0.00	40.18 2.49 0.00	43.70 2.97 0.00	43.99 2.98 5.51	45.22 3.00 13.36	45.32 2.90 21.93	45.95 2.98 24.75	47.15 3.50 29.24	48.23 4.05 33.85	48.22 4.66 41.24	75.12 6.03 38.67	90.97 6.69 44.47	50.82 4.99 64.90	47.38 2.83 41.21	47.74 2.69 31.75	45.95 2.47 16.63	45.80 3.15 12.56	44.74 3.06 9.36
LINDHRST_69_KV_BK1 356055	41.17 4.21 0.00	38.01 3.64 0.00	36.59 3.20 0.00	34.11 3.10 0.00	35.34 3.01 0.00	36.25 2.90 0.00	38.01 3.67 0.00	41.92 4.22 0.00	45.62 4.89 0.00	51.50 4.98 0.00	65.41 5.61 -4.22	76.06 6.05 -5.66	77.77 6.16 -3.88	82.36 6.92 -2.55	89.27 7.88 -3.36	106.63 8.14 -13.68	133.78 10.78 -15.25	160.23 12.10 -19.37	144.82 9.97 -24.12	123.18 6.09 -31.31	99.50 5.84 -16.87	86.73 5.59 -21.03	74.93 5.96 -13.74	67.70 5.56 -11.09
LIPA_MISC_IPP 23656	41.25 4.29 0.00	38.08 3.71 0.00	36.62 3.24 0.00	34.15 3.13 0.00	35.37 3.04 0.00	36.28 2.93 0.00	38.04 3.71 0.00	41.95 4.26 0.00	45.70 4.97 0.00	51.46 4.93 0.00	65.47 5.67 -4.22	76.19 6.18 -5.67	77.81 6.16 -3.92	94.70 6.78 -15.04	124.13 7.65 -38.45	227.52 7.97 -134.75	259.78 10.34 -141.68	284.24 11.59 -143.90	242.61 9.63 -122.23	217.52 5.83 -125.92	139.88 5.68 -57.40	102.01 5.59 -36.31	75.14 6.13 -13.79	76.45 5.82 -19.58
LISF__SOLAR 323691	41.33 4.36 -0.01	38.29 3.92 -0.01	36.55 3.17 0.00	34.11 3.10 0.00	35.34 3.01 0.00	36.31 2.97 0.00	38.25 3.91 -0.01	41.96 4.26 -0.01	45.79 5.05 -0.01	51.41 4.88 0.00	65.58 5.78 -4.22	76.26 6.24 -5.67	78.09 6.44 -3.92	95.19 7.07 -15.24	124.84 7.80 -39.01	229.80 8.22 -136.77	261.47 10.02 -143.69	286.72 12.10 -145.86	244.72 10.18 -123.80	219.53 6.35 -127.41	140.91 6.07 -58.04	102.42 5.77 -36.54	75.30 6.29 -13.79	76.74 5.97 -19.73

LITTLE FALLS___HYD 24013	37.26 0.30 0.00	34.61 0.24 0.00	33.51 0.13 0.00	31.11 0.09 0.00	32.46 0.13 0.00	33.51 0.17 0.00	34.57 0.24 0.00	38.00 0.30 0.00	41.10 0.37 0.00	46.95 0.42 0.00	56.08 0.50 0.00	64.99 0.64 0.00	68.47 0.75 0.00	73.76 0.87 0.00	78.97 0.94 0.00	85.65 0.85 0.00	108.51 0.75 0.00	129.66 0.90 0.00	111.52 0.78 0.00	86.29 0.51 0.00	77.33 0.54 0.00	60.59 0.48 0.00	55.72 0.50 0.00	51.50 0.46 0.00
LITTLRIV_115KV_TB1 356100	36.13 -1.07 -0.24	33.77 -0.76 -0.16	33.07 -0.43 -0.12	30.66 -0.40 -0.05	32.07 -0.36 -0.09	33.20 -0.27 -0.12	33.97 -0.52 -0.15	37.16 -0.79 -0.26	42.16 -1.18 -2.61	47.65 -1.49 -2.61	56.58 -1.61 -2.61	64.77 -2.19 -2.61	67.84 -2.51 -2.61	72.15 -3.35 -2.61	75.26 -4.21 -1.44	81.71 -4.75 -1.66	104.96 -5.06 -2.27	125.62 -5.54 -2.40	108.10 -4.98 -2.35	83.97 -3.52 -1.72	75.02 -3.23 -1.45	59.10 -1.98 -0.97	54.36 -1.66 -0.80	50.24 -1.48 -0.68
LI_NEWBRDGE___DRP 323616	40.29 3.33 0.00	37.19 2.82 0.00	35.82 2.44 0.00	33.40 2.39 0.00	34.62 2.30 0.00	35.55 2.20 0.00	37.18 2.85 0.00	41.05 3.35 0.00	44.56 3.83 0.00	50.39 3.86 0.00	63.97 4.17 -4.22	74.32 4.31 -5.66	76.00 4.40 -3.87	79.20 4.96 -1.36	83.88 5.85 0.00	92.93 6.02 -2.11	118.89 7.97 -3.16	144.98 8.76 -7.46	131.48 7.09 -13.65	111.90 3.86 -22.27	93.55 3.76 -12.99	79.32 3.79 -15.42	73.43 4.47 -13.74	65.34 4.29 -10.01
LOCKPORT_115KV_TB60_63_64 80432	37.29 0.33 0.00	33.71 -0.65 0.00	32.21 -1.17 0.00	29.56 -1.46 0.00	31.04 -1.29 0.00	32.18 -1.17 0.00	33.34 -1.00 0.00	36.68 -1.02 0.00	40.37 -0.37 0.00	46.81 0.28 0.00	56.64 1.06 0.00	66.34 1.99 0.00	71.25 3.52 0.00	75.80 2.92 0.00	80.76 2.73 0.00	87.18 2.37 0.00	109.16 1.40 0.00	129.66 0.90 0.00	114.62 3.88 0.00	90.75 4.97 0.00	80.18 3.38 0.00	62.09 1.98 0.00	55.83 0.61 0.00	52.22 1.17 0.00
LOCKPORT___CC1 323769	37.59 0.63 0.00	33.82 -0.55 0.00	32.35 -1.04 0.00	29.65 -1.36 0.00	31.13 -1.20 0.00	32.28 -1.07 0.00	33.48 -0.86 0.00	37.58 -0.11 0.00	40.25 -0.49 0.00	46.94 0.42 0.00	56.42 0.83 0.00	66.15 1.80 0.00	70.91 3.18 0.00	75.65 2.77 0.00	81.15 3.12 0.00	86.75 1.95 0.00	108.72 0.97 0.00	129.40 0.65 0.00	114.28 3.54 0.00	90.92 5.15 0.00	79.87 3.08 0.00	61.91 1.80 0.00	55.66 0.44 0.00	52.06 1.02 0.00
LOCKPORT___CC2 323770	37.59 0.63 0.00	33.82 -0.55 0.00	32.35 -1.04 0.00	29.65 -1.36 0.00	31.13 -1.20 0.00	32.28 -1.07 0.00	33.48 -0.86 0.00	37.58 -0.11 0.00	40.25 -0.49 0.00	46.94 0.42 0.00	56.42 0.83 0.00	66.15 1.80 0.00	70.91 3.18 0.00	75.65 2.77 0.00	81.15 3.12 0.00	86.75 1.95 0.00	108.72 0.97 0.00	129.40 0.65 0.00	114.28 3.54 0.00	90.92 5.15 0.00	79.87 3.08 0.00	61.91 1.80 0.00	55.66 0.44 0.00	52.06 1.02 0.00
LOCKPORT___CC3 323771	37.59 0.63 0.00	33.82 -0.55 0.00	32.35 -1.04 0.00	29.65 -1.36 0.00	31.13 -1.20 0.00	32.28 -1.07 0.00	33.48 -0.86 0.00	37.58 -0.11 0.00	40.25 -0.49 0.00	46.94 0.42 0.00	56.42 0.83 0.00	66.15 1.80 0.00	70.91 3.18 0.00	75.65 2.77 0.00	81.15 3.12 0.00	86.75 1.95 0.00	108.72 0.97 0.00	129.40 0.65 0.00	114.28 3.54 0.00	90.92 5.15 0.00	79.87 3.08 0.00	61.91 1.80 0.00	55.66 0.44 0.00	52.06 1.02 0.00
LONG_LAKE_PHOENIX 24014	39.59 -0.11 -2.75	35.92 -0.27 -1.82	34.38 -0.43 -1.43	31.11 -0.50 -0.60	32.94 -0.45 -1.06	34.39 -0.37 -1.41	35.85 -0.27 -1.79	40.52 -0.15 -2.98	70.62 -0.29 -30.17	76.51 -0.19 -30.17	85.64 -0.11 -30.17	94.65 0.13 -30.17	98.24 0.34 -30.17	103.42 0.36 -30.17	95.21 0.55 -16.63	104.43 0.51 -19.11	134.13 0.22 -26.16	156.63 0.13 -27.75	138.60 0.78 -27.08	106.53 0.94 -19.81	94.25 0.77 -16.68	71.78 0.48 -11.19	64.58 0.11 -9.25	58.85 0.00 -7.81
LOVETT___3 23632	39.10 2.14 0.00	36.16 1.79 0.00	34.85 1.47 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.78 1.43 0.00	36.12 1.79 0.00	39.80 2.11 0.00	43.14 2.40 0.00	49.09 2.56 0.00	58.19 2.61 0.00	66.92 2.57 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.93 3.90 0.00	89.04 4.24 0.00	116.04 5.28 -3.01	141.79 5.92 -7.11	130.97 4.54 -15.69	109.64 2.66 -21.21	91.71 2.53 -12.37	68.35 2.28 -5.96	59.43 2.82 -1.39	53.65 2.60 0.00
LOVETT___4 23642	39.10 2.14 0.00	36.16 1.79 0.00	34.85 1.47 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.78 1.43 0.00	36.12 1.79 0.00	39.80 2.11 0.00	43.14 2.40 0.00	49.09 2.56 0.00	58.19 2.61 0.00	66.92 2.57 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.93 3.90 0.00	89.04 4.24 0.00	116.04 5.28 -3.01	141.79 5.92 -7.11	130.97 4.54 -15.69	109.64 2.66 -21.21	91.71 2.53 -12.37	68.35 2.28 -5.96	59.43 2.82 -1.39	53.65 2.60 0.00
LOVETT___5 23593	39.10 2.14 0.00	36.16 1.79 0.00	34.85 1.47 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.78 1.43 0.00	36.12 1.79 0.00	39.80 2.11 0.00	43.14 2.40 0.00	49.09 2.56 0.00	58.19 2.61 0.00	66.92 2.57 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.93 3.90 0.00	89.04 4.24 0.00	116.04 5.28 -3.01	141.79 5.92 -7.11	130.97 4.54 -15.69	109.64 2.66 -21.21	91.71 2.53 -12.37	68.35 2.28 -5.96	59.43 2.82 -1.39	53.65 2.60 0.00
LOWER RAQUET___HYD 24057	35.77 -1.44 -0.25	33.33 -1.20 -0.17	32.71 -0.80 -0.13	30.32 -0.74 -0.06	31.75 -0.68 -0.10	32.84 -0.63 -0.13	33.47 -1.03 -0.17	36.69 -1.28 -0.28	41.73 -1.79 -2.79	47.13 -2.19 -2.79	55.87 -2.50 -2.79	63.72 -3.41 -2.79	66.52 -4.00 -2.79	70.79 -4.88 -2.79	73.71 -5.85 -1.54	80.21 -6.36 -1.77	103.06 -7.12 -2.42	123.34 -7.98 -2.56	105.93 -7.31 -2.50	82.11 -5.49 -1.83	73.50 -4.84 -1.54	58.20 -2.94 -1.03	53.81 -2.27 -0.86	49.77 -1.99 -0.72
LOWER___HUDSON 24059	39.03 2.07 0.00	36.33 1.96 0.00	35.05 1.67 0.00	32.63 1.61 0.00	33.91 1.58 0.00	34.92 1.57 0.00	36.22 1.89 0.00	39.65 1.96 0.00	42.89 2.16 0.00	48.81 2.28 0.00	58.14 2.56 0.00	67.31 2.96 0.00	76.46 3.18 -5.54	86.26 3.79 -9.59	107.99 4.21 -25.75	127.08 4.92 -37.36	216.31 5.71 -102.84	271.20 6.56 -135.88	321.65 5.53 -205.37	307.44 4.12 -217.55	239.69 3.84 -159.06	139.32 3.12 -76.08	72.18 3.09 -13.87	53.90 2.86 0.00
LOWVILLE_115KV_TB2 356335	38.80 1.26 -0.58	35.79 1.03 -0.39	34.59 0.90 -0.30	31.88 0.74 -0.13	33.43 0.87 -0.23	34.65 1.00 -0.30	35.85 1.13 -0.38	39.57 1.24 -0.63	48.30 1.14 -6.43	54.26 1.30 -6.43	63.56 1.56 -6.43	72.71 1.93 -6.43	76.32 2.17 -6.43	81.57 2.26 -6.43	83.76 2.18 -3.54	91.08 2.20 -4.07	116.35 3.02 -5.57	138.79 4.12 -5.91	120.83 4.32 -5.77	93.85 3.86 -4.22	83.81 3.46 -3.55	65.50 3.01 -2.38	59.34 2.15 -1.97	54.59 1.89 -1.66
LUTHERFT_115KV_GLOB_FND_222 355753	39.55 2.59 0.00	36.74 2.37 0.00	35.45 2.07 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.32 1.97 0.00	36.53 2.20 0.00	40.11 2.41 0.00	43.42 2.69 0.00	49.41 2.88 0.00	58.86 3.28 0.00	68.47 4.12 0.00	75.48 4.27 -3.48	84.01 5.10 -6.02	99.91 5.70 -16.18	114.23 6.61 -22.81	197.02 8.08 -81.18	262.80 9.53 -124.51	334.58 8.42 -215.43	345.72 6.52 -253.43	250.77 5.91 -168.06	145.28 4.57 -80.60	75.73 4.14 -16.37	54.82 3.78 0.00

LUTHERNY_35_KV_BK2 355980	39.58 2.62 0.00	36.74 2.37 0.00	35.48 2.10 0.00	32.97 1.95 0.00	34.27 1.94 0.00	35.35 2.00 0.00	36.57 2.23 0.00	40.11 2.41 0.00	43.46 2.73 0.00	49.46 2.93 0.00	58.92 3.33 0.00	68.53 4.18 0.00	75.55 4.33 -3.48	84.08 5.17 -6.02	99.99 5.77 -16.18	114.31 6.70 -22.81	197.13 8.19 -81.18	263.05 9.79 -124.51	334.69 8.53 -215.43	345.80 6.60 -253.43	250.84 5.99 -168.06	145.34 4.63 -80.60	75.79 4.20 -16.37	54.87 3.83 0.00
LWR___OSWEGATCHIE_HYD 23850	37.31 -0.15 -0.50	34.60 -0.10 -0.33	33.61 -0.03 -0.26	31.03 -0.09 -0.11	32.52 0.00 -0.19	33.71 0.10 -0.26	34.70 0.03 -0.33	38.16 -0.08 -0.55	45.81 -0.45 -5.53	51.50 -0.56 -5.53	60.44 -0.67 -5.53	69.04 -0.84 -5.53	72.31 -0.95 -5.53	77.10 -1.31 -5.53	79.28 -1.79 -3.05	86.18 -2.12 -3.50	110.39 -2.16 -4.79	131.78 -2.06 -5.08	114.26 -1.44 -4.96	88.72 -0.69 -3.63	79.24 -0.61 -3.06	62.16 0.00 -2.05	56.80 -0.11 -1.70	52.37 -0.10 -1.43
LYONS_FALL_HYD 23570	38.79 1.40 -0.43	35.82 1.17 -0.28	34.60 1.00 -0.22	31.94 0.84 -0.09	33.43 0.94 -0.16	34.63 1.07 -0.22	35.81 1.20 -0.28	39.55 1.40 -0.46	46.81 1.39 -4.69	52.85 1.63 -4.69	62.22 1.94 -4.69	70.84 1.80 -4.69	74.45 2.03 -4.69	79.76 2.18 -4.69	82.88 2.26 -2.59	90.07 2.29 -2.97	114.84 3.01 -4.07	136.93 3.86 -4.32	118.83 3.87 -4.21	92.29 3.43 -3.08	82.38 2.99 -2.59	64.97 3.12 -1.74	59.03 2.37 -1.44	54.35 2.09 -1.21
MADISON___COUNTY_LFGE 323628	39.22 1.81 -0.45	36.14 1.48 -0.30	34.85 1.24 -0.23	32.17 1.05 -0.10	33.67 1.16 -0.17	34.85 1.27 -0.23	36.07 1.44 -0.29	39.92 1.73 -0.49	47.50 1.83 -4.94	53.70 2.23 -4.94	63.30 2.78 -4.94	72.70 3.41 -4.94	76.53 3.86 -4.94	81.98 4.15 -4.94	85.20 4.45 -2.72	92.59 4.66 -3.13	117.86 5.82 -4.28	140.38 7.08 -4.54	121.93 6.76 -4.43	94.50 5.49 -3.24	84.44 4.92 -2.73	65.85 3.91 -1.83	59.72 2.98 -1.51	54.97 2.65 -1.28
MALONE___115KV_TB1 356076	36.00 -0.96 0.00	33.68 -0.69 0.00	32.98 -0.40 0.00	30.64 -0.37 0.00	32.10 -0.23 0.00	33.15 -0.20 0.00	33.92 -0.41 0.00	37.17 -0.53 0.00	40.12 -0.61 0.00	45.41 -1.12 0.00	54.41 -1.17 0.00	62.68 -1.67 0.00	65.83 -1.90 0.00	70.04 -2.84 0.00	74.05 -3.98 0.00	80.31 -4.49 0.00	103.01 -4.74 0.00	123.74 -5.02 0.00	105.87 -4.87 0.00	82.26 -3.52 0.00	73.65 -3.15 0.00	58.31 -1.80 0.00	53.67 -1.55 0.00	49.51 -1.53 0.00
MAPLEWOD_115KV_TB3 80458	38.88 1.92 0.00	36.16 1.79 0.00	34.95 1.57 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.81 1.47 0.00	36.02 1.68 0.00	39.54 1.85 0.00	42.69 1.96 0.00	48.67 2.14 0.00	57.86 2.28 0.00	67.05 2.70 0.00	76.51 2.78 -6.01	86.63 3.35 -10.39	109.69 3.75 -27.91	128.56 4.41 -39.34	215.65 5.06 -102.83	261.40 5.79 -126.85	293.14 4.87 -177.52	264.18 3.52 -174.89	216.95 3.30 -136.85	128.17 2.70 -65.35	69.02 2.76 -11.04	53.59 2.55 0.00
MAPLE_RIDGE_WT_1 323574	36.37 -0.59 0.00	33.82 -0.55 0.00	32.91 -0.47 0.00	30.58 -0.43 0.00	31.88 -0.45 0.00	32.88 -0.47 0.00	33.82 -0.51 0.00	37.20 -0.49 0.00	40.28 -0.45 0.00	46.02 -0.51 0.00	55.08 -0.50 0.00	63.70 -0.64 0.00	66.98 -0.74 0.00	72.01 -0.87 0.00	76.94 -1.09 0.00	83.62 -1.19 0.00	106.47 -1.29 0.00	127.34 -1.41 0.00	109.42 -1.32 0.00	84.75 -1.03 0.00	75.80 -1.00 0.00	59.33 -0.78 0.00	54.45 -0.77 0.00	50.28 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	36.37 -0.59 0.00	33.82 -0.55 0.00	32.91 -0.47 0.00	30.58 -0.43 0.00	31.88 -0.45 0.00	32.88 -0.47 0.00	33.82 -0.51 0.00	37.20 -0.49 0.00	40.28 -0.45 0.00	46.02 -0.51 0.00	55.08 -0.50 0.00	63.70 -0.64 0.00	66.98 -0.74 0.00	72.01 -0.87 0.00	76.94 -1.09 0.00	83.62 -1.19 0.00	106.47 -1.29 0.00	127.34 -1.41 0.00	109.42 -1.32 0.00	84.75 -1.03 0.00	75.80 -1.00 0.00	59.33 -0.78 0.00	54.45 -0.77 0.00	50.28 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	35.89 -1.07 0.00	33.47 -0.89 0.00	32.85 -0.54 0.00	30.52 -0.50 0.00	31.94 -0.39 0.00	32.95 -0.40 0.00	33.61 -0.72 0.00	36.98 -0.72 0.00	40.04 -0.69 0.00	45.08 -1.44 0.00	54.02 -1.56 0.00	62.35 -2.00 0.00	65.36 -2.37 0.00	69.75 -3.13 0.00	73.50 -4.53 0.00	79.72 -5.09 0.00	102.04 -5.71 0.00	122.58 -6.18 0.00	104.87 -5.87 0.00	81.22 -4.55 0.00	72.88 -3.91 0.00	57.89 -2.22 0.00	53.29 -1.93 0.00	49.15 -1.89 0.00
MARSHVLE_115KV_TB1 80742	41.62 4.66 0.00	38.49 4.12 0.00	37.05 3.67 0.00	34.39 3.38 0.00	35.82 3.49 0.00	36.98 3.63 0.00	38.11 3.78 0.00	41.46 3.77 0.00	44.68 3.95 0.00	51.09 4.56 0.00	60.81 5.22 0.00	70.40 6.05 0.00	76.08 6.84 -1.51	82.78 7.29 -2.61	93.15 8.12 -7.01	103.76 9.07 -9.88	166.84 10.67 -48.42	228.31 14.29 -85.26	288.71 15.50 -162.46	302.12 13.12 -203.22	215.95 11.83 -127.32	130.23 8.96 -61.17	76.12 7.68 -13.22	57.78 6.74 0.00
MARSH_HILL_WT_PWR 323713	38.75 1.48 -0.32	35.13 0.55 -0.21	33.58 0.03 -0.16	30.74 -0.34 -0.07	32.35 -0.10 -0.12	33.78 0.27 -0.16	35.23 0.69 -0.21	39.69 1.66 -0.34	45.62 1.42 -3.47	52.41 2.42 -3.47	62.27 3.22 -3.47	72.13 4.31 -3.47	76.81 5.62 -3.47	82.19 5.83 -3.47	86.34 6.40 -1.91	92.77 5.77 -2.20	116.90 6.14 -3.01	139.15 7.21 -3.19	122.82 8.97 -3.11	96.80 8.75 -2.28	85.55 6.83 -1.92	65.96 4.57 -1.29	59.37 3.09 -1.06	54.85 2.91 -0.90
MCINTYRE_115KV_TB2 80467	36.07 -0.89 0.00	33.78 -0.58 0.00	33.11 -0.27 0.00	30.77 -0.25 0.00	32.17 -0.16 0.00	33.25 -0.10 0.00	33.96 -0.38 0.00	37.05 -0.64 0.00	39.80 -0.94 0.00	45.32 -1.21 0.00	54.25 -1.33 0.00	62.61 -1.74 0.00	65.70 -2.03 0.00	69.97 -2.92 0.00	74.36 -3.67 0.00	80.65 -4.16 0.00	103.45 -4.31 0.00	124.25 -4.51 0.00	106.75 -3.99 0.00	83.03 -2.74 0.00	74.34 -2.46 0.00	58.61 -1.50 0.00	53.84 -1.38 0.00	49.77 -1.28 0.00
MECO_____69_KV_BK1 80468	42.95 5.99 0.00	39.69 5.33 0.00	38.12 4.74 0.00	35.39 4.37 0.00	36.79 4.46 0.00	38.02 4.67 0.00	39.38 5.05 0.00	43.08 5.39 0.00	46.80 6.07 0.00	53.55 7.03 0.00	63.70 8.11 0.00	74.13 9.78 0.00	80.21 10.77 -1.71	87.65 11.81 -2.96	99.01 13.03 -7.95	111.02 15.01 -11.20	181.46 18.96 -54.74	249.24 24.21 -96.28	317.11 23.03 -183.34	333.37 18.36 -229.24	236.68 16.20 -143.68	141.15 12.02 -69.02	80.18 10.05 -14.91	59.82 8.78 0.00
MENANDS___115KV_TB5 355628	38.66 1.70 0.00	35.95 1.58 0.00	34.78 1.40 0.00	32.41 1.40 0.00	33.65 1.33 0.00	34.65 1.30 0.00	35.85 1.51 0.00	39.31 1.62 0.00	42.44 1.71 0.00	48.34 1.81 0.00	57.47 1.89 0.00	66.60 2.25 0.00	75.21 2.24 -5.25	84.73 2.77 -9.07	105.52 3.12 -24.37	122.80 3.65 -34.35	203.68 4.09 -91.83	248.87 4.51 -115.61	280.23 3.77 -165.72	255.54 2.57 -167.19	207.20 2.46 -127.94	123.40 2.16 -61.13	68.13 2.32 -10.59	53.24 2.19 0.00
MG INDUSTRY___DRP 24185	38.62 1.66 0.00	35.95 1.58 0.00	34.82 1.44 0.00	32.41 1.40 0.00	33.69 1.36 0.00	34.68 1.33 0.00	35.78 1.44 0.00	39.20 1.51 0.00	42.20 1.47 0.00	48.02 1.49 0.00	56.97 1.39 0.00	65.96 1.61 0.00	63.51 1.29 5.50	64.98 1.60 9.51	54.42 1.95 25.55	51.16 2.37 36.02	52.09 2.59 58.25	100.39 2.96 31.33	138.08 2.66 -24.68	180.62 1.97 -92.87	101.20 2.07 -22.33	73.22 1.86 -11.24	63.97 2.26 -6.49	53.19 2.14 0.00

MID___OSWEGATCHIE_HYD 23849	37.31 -0.15 -0.50	34.60 -0.10 -0.33	33.61 -0.03 -0.26	31.03 -0.09 -0.11	32.52 0.00 -0.19	33.71 0.10 -0.26	34.70 0.03 -0.33	38.16 -0.08 -0.55	45.81 -0.45 -5.53	51.50 -0.56 -5.53	60.44 -0.67 -5.53	69.04 -0.84 -5.53	72.31 -0.95 -5.53	77.10 -1.31 -5.53	79.28 -1.79 -3.05	86.18 -2.12 -3.50	110.39 -2.16 -4.79	131.78 -2.06 -5.08	114.26 -1.44 -4.96	88.72 -0.69 -3.63	79.24 -0.61 -3.06	62.16 0.00 -2.05	56.80 -0.11 -1.70	52.37 -0.10 -1.43
MID___RAQUETTE_HYD 23851	35.81 -1.40 -0.25	33.44 -1.10 -0.17	32.71 -0.80 -0.13	30.36 -0.71 -0.06	31.75 -0.68 -0.10	32.84 -0.63 -0.13	33.61 -0.89 -0.17	36.73 -1.24 -0.28	41.73 -1.79 -2.79	47.13 -2.19 -2.79	55.87 -2.50 -2.79	63.85 -3.28 -2.79	66.79 -3.73 -2.79	71.08 -4.59 -2.79	74.10 -5.46 -1.54	80.55 -6.02 -1.77	103.49 -6.68 -2.42	123.85 -7.47 -2.56	106.49 -6.76 -2.50	82.54 -5.06 -1.83	73.81 -4.53 -1.54	58.20 -2.95 -1.03	53.81 -2.26 -0.86	49.77 -1.99 -0.72
MILLIKEN___1 23584	39.30 1.40 -0.93	36.02 1.03 -0.62	34.67 0.80 -0.49	31.77 0.56 -0.20	33.40 0.71 -0.36	34.69 0.87 -0.48	35.97 1.03 -0.61	40.10 1.39 -1.01	52.41 1.43 -10.25	58.55 1.77 -10.25	68.06 2.22 -10.25	77.50 2.90 -10.25	81.37 3.39 -10.25	86.78 3.64 -10.25	87.58 3.90 -5.65	95.45 4.16 -6.50	121.50 4.85 -8.89	144.11 5.92 -9.43	126.26 6.31 -9.20	97.99 5.49 -6.73	87.31 4.84 -5.67	67.52 3.61 -3.80	61.02 2.65 -3.14	56.04 2.35 -2.65
MILLIKEN___2 23585	39.30 1.40 -0.93	36.02 1.03 -0.62	34.67 0.80 -0.49	31.77 0.56 -0.20	33.40 0.71 -0.36	34.69 0.87 -0.48	35.97 1.03 -0.61	40.10 1.39 -1.01	52.41 1.43 -10.25	58.55 1.77 -10.25	68.06 2.22 -10.25	77.50 2.90 -10.25	81.37 3.39 -10.25	86.78 3.64 -10.25	87.58 3.90 -5.65	95.45 4.16 -6.50	121.50 4.85 -8.89	144.11 5.92 -9.43	126.26 6.31 -9.20	97.99 5.49 -6.73	87.31 4.84 -5.67	67.52 3.61 -3.80	61.02 2.65 -3.14	56.04 2.35 -2.65
MILLIKEN___DIESEL 23629	39.30 1.40 -0.93	36.02 1.03 -0.62	34.67 0.80 -0.49	31.77 0.56 -0.20	33.40 0.71 -0.36	34.69 0.87 -0.48	35.97 1.03 -0.61	40.10 1.39 -1.01	52.41 1.43 -10.25	58.55 1.77 -10.25	68.06 2.22 -10.25	77.50 2.90 -10.25	81.37 3.39 -10.25	86.78 3.64 -10.25	87.58 3.90 -5.65	95.45 4.16 -6.50	121.50 4.85 -8.89	144.11 5.92 -9.43	126.26 6.31 -9.20	97.99 5.49 -6.73	87.31 4.84 -5.67	67.52 3.61 -3.80	61.02 2.65 -3.14	56.04 2.35 -2.65
MILLSEAT___LFGE 323607	38.40 1.44 0.00	34.64 0.27 0.00	33.08 -0.30 0.00	30.36 -0.65 0.00	31.88 -0.45 0.00	33.05 -0.30 0.00	34.30 -0.03 0.00	38.52 0.83 0.00	41.30 0.57 0.00	48.11 1.58 0.00	57.91 2.33 0.00	68.01 3.67 0.00	72.81 5.08 0.00	77.77 4.88 0.00	83.41 5.38 0.00	89.29 4.49 0.00	112.18 4.42 0.00	133.65 4.89 0.00	118.05 7.31 0.00	93.83 8.06 0.00	82.40 5.60 0.00	63.84 3.73 0.00	57.26 2.04 0.00	53.34 2.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.44 2.48 0.00	36.46 2.10 0.00	35.12 1.74 0.00	32.78 1.77 0.00	34.04 1.71 0.00	35.02 1.67 0.00	36.43 2.09 0.00	40.18 2.49 0.00	43.54 2.81 0.00	49.55 3.02 0.00	58.75 3.17 0.00	67.50 3.15 0.00	71.05 3.32 0.00	76.82 3.94 0.00	82.63 4.60 0.00	89.81 5.00 0.00	117.25 6.36 -3.13	143.37 7.21 -7.41	132.74 5.65 -16.35	111.39 3.52 -22.10	92.99 3.30 -12.89	69.20 2.89 -6.21	59.98 3.31 -1.45	54.16 3.11 0.00
MILLWOOD_13_KV_LOAD 356217	39.55 2.59 0.00	36.57 2.20 0.00	35.22 1.84 0.00	32.84 1.83 0.00	34.11 1.78 0.00	35.08 1.73 0.00	36.50 2.16 0.00	40.29 2.60 0.00	43.75 3.01 0.00	49.78 3.26 0.00	59.08 3.50 0.00	67.95 3.60 0.00	71.52 3.79 0.00	77.33 4.45 0.00	83.26 5.23 0.00	90.48 5.68 0.00	118.00 7.11 -3.13	144.28 8.11 -7.41	133.51 6.42 -16.35	111.99 4.12 -22.10	93.53 3.84 -12.89	69.56 3.25 -6.21	60.26 3.59 -1.45	54.41 3.37 0.00
MODEL_CITY_ENERGY 24167	37.37 0.41 0.00	33.61 -0.76 0.00	32.11 -1.27 0.00	29.49 -1.52 0.00	30.94 -1.39 0.00	32.08 -1.27 0.00	33.17 -1.17 0.00	37.20 -0.49 0.00	39.96 -0.78 0.00	46.57 0.05 0.00	55.97 0.39 0.00	65.70 1.35 0.00	70.37 2.64 0.00	75.07 2.18 0.00	80.53 2.50 0.00	86.08 1.27 0.00	107.86 0.11 0.00	128.37 -0.39 0.00	113.39 2.65 0.00	90.32 4.54 0.00	79.25 2.46 0.00	61.43 1.32 0.00	55.28 0.06 0.00	51.70 0.66 0.00
MODERN_LFGE___ 323580	37.37 0.41 0.00	33.61 -0.76 0.00	32.11 -1.27 0.00	29.49 -1.52 0.00	30.94 -1.39 0.00	32.08 -1.27 0.00	33.17 -1.17 0.00	37.20 -0.49 0.00	39.96 -0.78 0.00	46.57 0.05 0.00	55.97 0.39 0.00	65.70 1.35 0.00	70.37 2.64 0.00	75.07 2.18 0.00	80.53 2.50 0.00	86.08 1.27 0.00	107.86 0.11 0.00	128.37 -0.39 0.00	113.39 2.65 0.00	90.32 4.54 0.00	79.25 2.46 0.00	61.43 1.32 0.00	55.28 0.06 0.00	51.70 0.66 0.00
MOHAWK_PAPER___DRP 24187	38.88 1.92 0.00	36.16 1.79 0.00	34.95 1.57 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.81 1.47 0.00	36.02 1.68 0.00	39.54 1.85 0.00	42.69 1.96 0.00	48.67 2.14 0.00	57.86 2.28 0.00	67.05 2.70 0.00	76.51 2.78 -6.01	86.63 3.35 -10.39	109.69 3.75 -27.91	128.56 4.41 -39.34	215.65 5.06 -102.83	261.40 5.79 -126.85	293.14 4.87 -177.52	264.18 3.52 -174.89	216.95 3.30 -136.85	128.17 2.70 -65.35	69.02 2.76 -11.04	53.59 2.55 0.00
MOHICAN___35_KV_115KV_LD 80490	39.77 2.81 0.00	36.91 2.54 0.00	35.58 2.20 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.45 2.10 0.00	36.70 2.37 0.00	40.29 2.60 0.00	43.71 2.97 0.00	49.60 3.07 0.00	59.08 3.50 0.00	68.92 4.57 0.00	75.58 4.47 -3.38	84.49 5.76 -5.84	100.20 6.48 -15.70	114.82 7.89 -22.13	197.62 9.81 -80.06	264.49 11.85 -123.89	337.09 10.52 -215.83	349.11 8.23 -255.10	252.60 7.37 -168.43	146.43 5.53 -80.79	76.57 4.86 -16.49	55.33 4.29 0.00
MONGAUP___HYD 23641	39.36 2.40 0.00	36.57 2.20 0.00	35.08 1.70 0.00	32.72 1.70 0.00	33.98 1.65 0.00	34.98 1.63 0.00	36.39 2.06 0.00	39.77 2.07 0.00	43.13 2.40 0.00	48.94 2.42 0.00	58.25 2.67 0.00	67.11 2.77 0.00	70.84 3.12 0.00	76.53 3.64 0.00	82.08 4.05 0.00	89.48 4.58 -0.10	115.92 5.39 -2.78	139.96 4.63 -6.57	129.23 3.98 -14.51	109.41 4.03 -19.60	92.53 4.30 -11.44	69.16 3.55 -5.51	60.21 3.70 -1.29	54.26 3.22 0.00
MONTAUK___DIESEL 23721	42.91 5.95 0.00	39.56 5.19 0.00	38.05 4.67 0.00	35.45 4.43 0.00	36.73 4.40 0.00	37.65 4.30 0.00	39.55 5.22 0.00	43.57 5.88 0.00	47.70 6.97 0.00	53.88 7.35 0.00	68.69 8.89 -4.22	80.06 10.04 -5.67	82.22 10.57 -3.92	99.81 11.81 -15.12	129.74 13.03 -38.68	234.43 14.08 -135.55	266.87 16.59 -142.52	292.02 18.54 -144.72	249.36 15.73 -122.89	222.87 10.55 -126.54	145.22 10.75 -57.67	105.88 9.38 -36.39	78.17 9.17 -13.79	79.16 8.47 -19.64
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.55 1.59 0.00	34.75 0.38 0.00	33.15 -0.23 0.00	30.39 -0.62 0.00	31.94 -0.39 0.00	33.21 -0.13 0.00	34.68 0.34 0.00	38.67 0.98 0.00	42.52 1.79 0.00	49.36 2.84 0.00	60.03 4.45 0.00	70.20 5.86 0.00	75.58 7.86 0.00	80.76 7.87 0.00	86.14 8.12 0.00	92.94 8.14 0.00	116.27 8.51 0.00	138.03 9.27 0.00	121.93 11.18 0.00	96.07 10.29 0.00	84.86 8.06 0.00	65.70 5.59 0.00	58.92 3.70 0.00	54.72 3.68 0.00

MORTIMER_115KV_TB3 55949	37.62 0.67 0.00	34.40 0.03 0.00	32.98 -0.40 0.00	30.36 -0.65 0.00	31.84 -0.48 0.00	32.95 -0.40 0.00	34.23 -0.10 0.00	37.69 0.00 0.00	41.18 0.45 0.00	47.55 1.02 0.00	57.47 1.89 0.00	67.12 2.77 0.00	71.52 3.79 0.00	76.60 3.72 0.00	81.85 3.82 0.00	88.53 3.73 0.00	111.42 3.66 0.00	132.75 3.99 0.00	116.17 5.43 0.00	91.26 5.49 0.00	81.02 4.22 0.00	62.94 2.83 0.00	56.82 1.60 0.00	52.68 1.63 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.18 1.83 0.00	36.67 2.33 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.76 3.41 0.00	71.18 3.45 0.00	76.89 4.01 0.00	82.79 4.76 0.00	89.98 5.17 0.00	117.59 6.68 -3.16	143.69 7.47 -7.46	132.97 5.76 -16.47	111.47 3.43 -22.26	93.09 3.30 -12.99	69.31 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
MUNSVILLE_WIND_PWR 323609	41.76 4.21 -0.59	38.23 3.47 -0.39	36.63 2.94 -0.31	33.59 2.45 -0.13	35.30 2.75 -0.23	36.75 3.10 -0.30	38.22 3.50 -0.38	42.52 4.18 -0.64	51.50 4.28 -6.49	58.13 5.12 -6.49	68.18 6.11 -6.49	78.30 7.46 -6.49	82.61 8.40 -6.49	88.48 9.11 -6.49	91.28 9.67 -3.58	99.15 10.17 -4.18	128.33 13.03 -7.54	155.47 16.22 -10.49	142.26 15.72 -15.80	116.55 13.03 -17.75	99.77 11.52 -11.46	75.32 9.01 -6.20	64.94 6.85 -2.87	58.79 6.07 -1.68
N SALMON___HYD 24042	36.00 -0.96 0.00	33.58 -0.79 0.00	32.98 -0.40 0.00	30.64 -0.37 0.00	32.10 -0.22 0.00	33.15 -0.20 0.00	33.78 -0.55 0.00	37.17 -0.53 0.00	40.12 -0.61 0.00	45.41 -1.12 0.00	54.41 -1.17 0.00	62.74 -1.61 0.00	65.70 -2.03 0.00	69.97 -2.92 0.00	73.89 -4.14 0.00	80.22 -4.58 0.00	102.91 -4.85 0.00	123.47 -5.28 0.00	105.76 -4.98 0.00	82.00 -3.77 0.00	73.57 -3.22 0.00	58.31 -1.80 0.00	53.67 -1.55 0.00	49.51 -1.53 0.00
N.AKRON__115KV_KNAPP 355671	38.07 1.11 0.00	34.44 0.07 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.71 -0.61 0.00	32.85 -0.50 0.00	34.09 -0.24 0.00	37.58 -0.11 0.00	41.30 0.57 0.00	47.88 1.35 0.00	57.97 2.39 0.00	67.95 3.60 0.00	72.88 5.15 0.00	77.62 4.74 0.00	82.79 4.76 0.00	89.38 4.58 0.00	112.07 4.31 0.00	133.26 4.51 0.00	117.83 7.09 0.00	93.15 7.38 0.00	82.33 5.53 0.00	63.78 3.67 0.00	57.21 1.99 0.00	53.34 2.30 0.00
N.BELMOR_69_KV_BK1 55787	40.62 3.66 0.00	37.50 3.13 0.00	36.08 2.70 0.00	33.68 2.67 0.00	34.88 2.55 0.00	35.82 2.47 0.00	37.46 3.12 0.00	41.35 3.66 0.00	44.89 4.15 0.00	50.81 4.28 0.00	64.36 4.56 -4.22	74.64 4.63 -5.66	76.41 4.81 -3.87	79.79 5.54 -1.36	84.51 6.48 0.00	93.69 6.78 -2.11	119.86 8.94 -3.16	146.14 9.91 -7.47	135.30 8.08 -16.48	112.76 4.72 -22.27	94.25 4.45 -12.99	79.98 4.45 -15.42	73.93 4.97 -13.74	65.80 4.59 -10.16
N.E_GEN_SANDY PD 24062	39.10 2.14 0.00	38.44 2.06 -2.01	36.49 1.70 -1.41	34.90 1.67 -2.21	35.70 1.65 -1.72	34.98 1.63 0.00	36.36 2.03 0.00	39.80 2.11 0.00	43.05 2.32 0.00	48.99 2.46 0.00	58.25 2.67 0.00	67.25 2.90 0.00	74.02 3.12 -3.18	86.00 3.64 -9.47	96.84 4.05 -14.76	118.50 4.66 -29.04	164.00 5.39 -50.86	193.60 6.05 -58.79	191.20 4.87 -75.59	156.90 3.34 -67.79	137.90 3.15 -57.95	92.20 2.77 -29.32	62.27 3.04 -4.02	53.95 2.91 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.21 2.25 0.00	36.26 1.89 0.00	34.95 1.57 0.00	32.63 1.61 0.00	33.88 1.55 0.00	34.85 1.50 0.00	36.19 1.85 0.00	39.88 2.19 0.00	43.26 2.53 0.00	49.22 2.70 0.00	58.36 2.78 0.00	67.12 2.77 0.00	70.71 2.98 0.00	76.38 3.50 0.00	82.24 4.21 0.00	89.47 4.66 0.00	116.57 5.82 -3.00	142.41 6.57 -7.09	131.49 5.09 -15.65	109.93 3.00 -21.15	91.98 2.84 -12.34	68.58 2.52 -5.94	59.59 2.98 -1.39	53.80 2.76 0.00
N.QUEENS_27_KV_LOAD 356247	40.22 3.25 -0.01	37.06 2.68 -0.01	35.63 2.24 -0.01	33.32 2.29 -0.01	34.57 2.23 -0.01	35.52 2.17 -0.01	37.02 2.68 -0.01	40.82 3.13 0.00	44.11 3.38 0.00	50.16 3.63 -0.01	59.03 3.45 0.00	67.75 3.41 0.01	71.11 3.39 0.01	76.89 4.01 0.01	82.94 4.92 0.01	90.14 5.34 0.01	117.80 6.90 -3.15	144.07 7.85 -7.46	134.19 5.98 -17.47	111.54 3.52 -22.25	93.16 3.38 -12.98	69.36 3.01 -6.25	60.33 3.64 -1.47	54.73 3.68 -0.01
N.TROY___115KV_TB1 355778	39.07 2.11 0.00	36.26 1.89 0.00	35.05 1.67 0.00	32.63 1.61 0.00	33.91 1.58 0.00	34.95 1.60 0.00	36.15 1.82 0.00	39.69 2.00 0.00	42.89 2.16 0.00	48.85 2.33 0.00	58.14 2.56 0.00	67.31 2.96 0.00	76.46 3.18 -5.54	86.19 3.72 -9.59	108.00 4.21 -25.75	125.94 4.83 -36.30	216.20 5.60 -102.84	271.07 6.44 -135.88	321.65 5.54 -205.37	307.35 4.03 -217.55	239.69 3.84 -159.06	139.32 3.13 -76.08	72.18 3.09 -13.87	53.90 2.86 0.00
NARROWS_GT1_1 24228	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT1_2 24229	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT1_3 24230	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT1_4 24231	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT1_5 24232	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00

NARROWS_GT1_6 24233	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT1_7 24234	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT1_8 24235	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_1 24236	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_2 24237	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_3 24238	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_4 24239	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_5 24240	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_6 24241	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_7 24242	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NARROWS_GT2_8 24243	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 0.00	65.97 3.22 1.59	66.99 3.45 4.19	67.44 4.01 9.45	85.09 4.60 -2.46	84.49 5.17 5.49	109.18 6.36 4.94	125.49 7.34 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.47 2.51 0.00	36.70 2.34 0.00	35.45 2.07 0.00	33.06 2.05 0.00	34.30 1.97 0.00	35.35 2.00 0.00	36.53 2.20 0.00	39.92 2.22 0.00	42.89 2.16 0.00	48.71 2.19 0.00	57.86 2.28 0.00	67.18 2.83 0.00	64.88 2.98 5.83	66.45 3.64 10.08	55.23 4.29 27.09	51.54 4.92 38.18	50.16 6.03 63.63	98.45 7.34 37.64	133.54 6.42 -16.38	175.55 4.55 -85.23	96.97 4.22 -15.95	71.62 3.31 -8.20	64.66 3.42 -6.01	54.31 3.27 0.00
NCHELSEA_115KV_TR2 355582	39.77 2.81 0.00	36.74 2.37 0.00	35.35 1.97 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.28 1.93 0.00	36.63 2.30 0.00	40.33 2.64 0.00	43.79 3.05 0.00	49.83 3.30 0.00	59.30 3.72 0.00	68.27 3.93 0.00	72.06 4.33 0.00	77.91 5.03 0.00	83.96 5.93 0.00	91.25 6.45 0.00	119.26 8.19 -3.31	145.86 9.27 -7.83	135.56 7.53 -17.28	114.11 4.97 -23.36	94.96 4.53 -13.63	70.46 3.79 -6.56	60.73 3.98 -1.53	54.67 3.62 0.00
NEG CAPITAL___MECHNVIL 23645	39.62 2.66 0.00	36.84 2.48 0.00	35.49 2.10 0.00	33.00 1.99 0.00	34.30 1.97 0.00	35.35 2.00 0.00	36.67 2.34 0.00	40.14 2.45 0.00	43.50 2.77 0.00	49.55 3.02 0.00	59.03 3.45 0.00	68.66 4.31 0.00	76.33 4.54 -4.06	85.22 5.32 -7.02	102.81 5.93 -18.86	119.54 6.96 -27.78	203.61 8.51 -87.35	266.76 10.05 -127.96	332.82 8.86 -213.22	336.77 6.77 -244.22	248.88 6.07 -166.02	144.37 4.69 -79.57	75.25 4.31 -15.72	54.92 3.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.22 0.26 0.00	34.02 -0.34 0.00	32.65 -0.73 0.00	30.08 -0.93 0.00	31.55 -0.78 0.00	32.65 -0.70 0.00	33.92 -0.41 0.00	37.81 0.11 0.00	40.73 0.00 0.00	47.13 0.60 0.00	56.69 1.11 0.00	66.22 1.87 0.00	70.37 2.64 0.00	75.51 2.62 0.00	81.07 3.04 0.00	87.34 2.54 0.00	110.12 2.37 0.00	131.33 2.57 0.00	114.61 3.87 0.00	90.06 4.29 0.00	79.71 2.92 0.00	62.03 1.92 0.00	55.99 0.77 0.00	51.81 0.77 0.00

NEG CENTRAL___DRP 24199	38.80 0.89 -0.95	35.41 0.41 -0.63	33.98 0.10 -0.50	31.10 -0.12 -0.21	32.76 0.06 -0.37	34.07 0.23 -0.49	35.40 0.45 -0.62	39.52 0.79 -1.03	52.00 0.81 -10.45	58.23 1.26 -10.45	67.86 1.83 -10.45	77.31 2.51 -10.45	81.43 3.25 -10.45	86.69 3.35 -10.45	87.38 3.59 -5.76	94.81 3.39 -6.62	120.05 3.23 -9.06	142.10 3.73 -9.61	124.88 4.76 -9.38	97.35 4.72 -6.86	86.80 4.22 -5.78	66.93 2.95 -3.87	60.30 1.88 -3.20	55.38 1.63 -2.70
NEG CENTRAL___INDECK 23768	38.25 1.29 0.00	34.78 0.41 0.00	33.25 -0.13 0.00	30.55 -0.46 0.00	32.10 -0.22 0.00	33.35 0.00 0.00	34.61 0.27 0.00	38.45 0.75 0.00	40.90 0.16 0.00	47.18 0.65 0.00	56.47 0.89 0.00	64.09 -0.26 0.00	68.14 0.41 0.00	73.03 0.15 0.00	78.34 0.31 0.00	84.38 -0.42 0.00	106.47 -1.29 0.00	127.47 -1.29 0.00	113.07 2.33 0.00	90.75 4.97 0.00	80.41 3.61 0.00	62.39 2.28 0.00	57.98 2.76 0.00	53.49 2.45 0.00
NEG CENTRAL___SENECA 23627	38.68 1.22 -0.50	35.32 0.62 -0.33	33.88 0.23 -0.26	31.09 -0.03 -0.11	32.72 0.19 -0.19	34.01 0.40 -0.26	35.35 0.69 -0.33	39.33 1.09 -0.55	47.40 1.14 -5.53	53.73 1.67 -5.53	63.50 2.39 -5.53	73.16 3.28 -5.53	77.53 4.27 -5.53	82.79 4.37 -5.53	85.76 4.68 -3.05	92.63 4.32 -3.50	116.43 3.88 -4.80	138.48 4.64 -5.09	121.58 5.87 -4.97	95.41 6.00 -3.63	85.31 5.45 -3.06	65.95 3.79 -2.05	59.35 2.43 -1.70	54.62 2.14 -1.43
NEG CENTRAL___STATE_STREET 24147	38.97 0.74 -1.27	35.59 0.38 -0.84	34.18 0.13 -0.66	31.26 -0.03 -0.28	32.91 0.10 -0.49	34.20 0.20 -0.65	35.54 0.38 -0.83	39.75 0.68 -1.38	55.39 0.73 -13.92	61.56 1.12 -13.92	71.06 1.56 -13.92	80.46 2.19 -13.92	84.29 2.64 -13.92	89.58 2.77 -13.92	88.83 3.12 -7.68	96.76 3.14 -8.82	123.17 3.34 -12.07	145.55 3.99 -12.80	127.78 4.54 -12.50	98.95 4.03 -9.14	88.03 3.53 -7.70	67.80 2.52 -5.16	61.15 1.66 -4.27	56.02 1.38 -3.60
NEG MILLWOOD___DRP 24198	39.84 2.88 0.00	36.88 2.51 0.00	35.45 2.07 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.35 2.00 0.00	36.77 2.44 0.00	40.60 2.90 0.00	44.11 3.38 0.00	50.29 3.77 0.00	59.86 4.28 0.00	68.92 4.57 0.00	72.67 4.94 0.00	78.64 5.76 0.00	84.74 6.71 0.00	92.10 7.29 0.00	120.20 9.16 -3.29	147.22 10.69 -7.77	136.53 8.64 -17.15	114.79 5.83 -23.18	95.62 5.30 -13.53	70.95 4.33 -6.51	61.10 4.36 -1.52	54.97 3.93 0.00
NEG NORTH_FLCN_SEA 23793	36.29 -0.67 0.00	33.92 -0.45 0.00	33.18 -0.20 0.00	30.83 -0.19 0.00	32.26 -0.06 0.00	33.35 0.00 0.00	34.13 -0.21 0.00	37.47 -0.23 0.00	40.57 -0.16 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.16 -2.19 0.00	65.36 -2.37 0.00	69.61 -3.28 0.00	72.49 -5.54 0.00	78.61 -6.19 0.00	100.75 -7.00 0.00	121.03 -7.73 0.00	103.43 -7.31 0.00	80.28 -5.49 0.00	72.19 -4.61 0.00	58.19 -1.92 0.00	53.95 -1.27 0.00	49.72 -1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	35.81 -1.15 0.00	33.51 -0.86 0.00	32.81 -0.57 0.00	30.49 -0.53 0.00	31.94 -0.39 0.00	32.95 -0.40 0.00	33.68 -0.65 0.00	36.90 -0.79 0.00	39.92 -0.81 0.00	45.08 -1.44 0.00	53.97 -1.61 0.00	62.22 -2.12 0.00	65.29 -2.44 0.00	69.75 -3.13 0.00	73.66 -4.37 0.00	79.97 -4.83 0.00	102.48 -5.28 0.00	123.09 -5.67 0.00	105.31 -5.43 0.00	81.66 -4.12 0.00	73.11 -3.69 0.00	57.89 -2.22 0.00	53.23 -1.99 0.00	49.10 -1.94 0.00
NEG NORTH___ALICE_FALLS 23915	36.26 -0.70 0.00	33.89 -0.48 0.00	33.18 -0.20 0.00	30.80 -0.22 0.00	32.26 -0.06 0.00	33.35 0.00 0.00	34.13 -0.21 0.00	37.47 -0.23 0.00	40.53 -0.20 0.00	45.36 -1.16 0.00	54.36 -1.22 0.00	62.61 -1.74 0.00	65.76 -1.96 0.00	70.04 -2.84 0.00	73.35 -4.68 0.00	79.55 -5.26 0.00	101.94 -5.82 0.00	122.58 -6.18 0.00	104.87 -5.87 0.00	81.40 -4.37 0.00	73.03 -3.76 0.00	58.49 -1.62 0.00	54.01 -1.21 0.00	49.72 -1.33 0.00
NEG NORTH___LWR_SARANAC 23913	36.26 -0.70 0.00	33.89 -0.48 0.00	33.18 -0.20 0.00	30.80 -0.22 0.00	32.26 -0.06 0.00	33.35 0.00 0.00	34.13 -0.21 0.00	37.47 -0.23 0.00	40.53 -0.20 0.00	45.36 -1.16 0.00	54.36 -1.22 0.00	62.61 -1.74 0.00	65.76 -1.96 0.00	70.04 -2.84 0.00	73.35 -4.68 0.00	79.55 -5.26 0.00	101.94 -5.82 0.00	122.58 -6.18 0.00	104.87 -5.87 0.00	81.40 -4.37 0.00	73.03 -3.76 0.00	58.49 -1.62 0.00	54.01 -1.21 0.00	49.72 -1.33 0.00
NEG NORTH___PLATTSBURG 23628	36.26 -0.70 0.00	33.78 -0.58 0.00	33.18 -0.20 0.00	30.80 -0.22 0.00	32.26 -0.06 0.00	33.31 -0.03 0.00	34.02 -0.31 0.00	37.47 -0.22 0.00	40.53 -0.20 0.00	45.36 -1.16 0.00	54.36 -1.22 0.00	62.67 -1.67 0.00	65.70 -2.03 0.00	69.97 -2.92 0.00	73.27 -4.76 0.00	79.46 -5.34 0.00	101.93 -5.82 0.00	122.45 -6.31 0.00	104.76 -5.98 0.00	81.22 -4.55 0.00	73.04 -3.76 0.00	58.49 -1.62 0.00	54.00 -1.22 0.00	49.71 -1.33 0.00
NEG WEST_LEA_LOCKPORT 23791	37.14 0.18 0.00	33.58 -0.79 0.00	32.08 -1.30 0.00	29.46 -1.55 0.00	30.94 -1.39 0.00	32.05 -1.30 0.00	33.24 -1.10 0.00	36.53 -1.17 0.00	40.24 -0.49 0.00	46.62 0.09 0.00	56.41 0.83 0.00	66.09 1.74 0.00	70.91 3.18 0.00	75.44 2.55 0.00	80.37 2.34 0.00	86.75 1.95 0.00	108.62 0.86 0.00	129.01 0.26 0.00	113.95 3.21 0.00	90.32 4.55 0.00	79.79 3.00 0.00	61.85 1.74 0.00	55.61 0.39 0.00	52.06 1.02 0.00
NEG WEST___LANCASTR 23811	38.03 1.07 0.00	34.47 0.10 0.00	33.01 -0.37 0.00	30.30 -0.71 0.00	31.78 -0.55 0.00	32.98 -0.37 0.00	34.27 -0.07 0.00	37.92 0.23 0.00	41.55 0.81 0.00	48.06 1.54 0.00	58.19 2.61 0.00	68.08 3.73 0.00	73.01 5.28 0.00	78.06 5.17 0.00	83.33 5.31 0.00	90.06 5.26 0.00	112.82 5.06 0.00	134.17 5.41 0.00	118.38 7.64 0.00	93.24 7.46 0.00	82.40 5.61 0.00	63.78 3.67 0.00	57.32 2.10 0.00	53.39 2.35 0.00
NEG_PENN_ALLEGHNY 23528	38.71 1.18 -0.57	35.53 0.79 -0.38	34.18 0.50 -0.29	31.45 0.31 -0.12	32.97 0.42 -0.22	34.17 0.53 -0.29	35.49 0.79 -0.37	39.48 1.17 -0.61	48.08 1.14 -6.21	54.32 1.58 -6.21	63.74 1.94 -6.21	73.14 2.58 -6.21	77.06 3.12 -6.21	82.45 3.35 -6.21	85.28 3.82 -3.43	92.51 3.73 -3.98	118.50 4.09 -6.65	142.09 4.63 -8.71	128.13 5.21 -12.18	103.32 4.54 -13.00	89.20 3.76 -8.64	67.63 2.71 -4.81	59.76 2.04 -2.49	54.54 1.89 -1.61
NEG___GEN_MONROE 24207	38.03 1.07 0.00	34.78 0.41 0.00	33.25 -0.13 0.00	30.55 -0.47 0.00	32.04 -0.29 0.00	33.25 -0.10 0.00	34.51 0.17 0.00	38.00 0.30 0.00	41.38 0.65 0.00	47.88 1.35 0.00	57.97 2.39 0.00	67.76 3.41 0.00	72.27 4.54 0.00	77.33 4.45 0.00	82.63 4.60 0.00	89.38 4.58 0.00	112.28 4.53 0.00	133.78 5.02 0.00	117.61 6.87 0.00	92.55 6.78 0.00	82.02 5.22 0.00	63.78 3.67 0.00	57.54 2.32 0.00	53.54 2.50 0.00
NEPA___ENERGY 23901	37.99 1.03 0.00	34.44 0.07 0.00	32.98 -0.40 0.00	30.27 -0.74 0.00	31.78 -0.55 0.00	32.95 -0.40 0.00	34.27 -0.07 0.00	37.92 0.23 0.00	41.55 0.81 0.00	48.11 1.58 0.00	58.19 2.61 0.00	68.08 3.73 0.00	72.94 5.22 0.00	77.99 5.10 0.00	83.26 5.23 0.00	89.89 5.09 0.00	112.71 4.96 0.00	133.91 5.15 0.00	118.27 7.53 0.00	93.15 7.38 0.00	82.40 5.61 0.00	63.78 3.67 0.00	57.32 2.10 0.00	53.39 2.35 0.00

NEVERSINK___HYD 23608	38.77 1.81 0.00	35.98 1.62 0.00	34.52 1.14 0.00	32.19 1.18 0.00	33.46 1.13 0.00	34.45 1.10 0.00	35.88 1.55 0.00	39.24 1.55 0.00	42.65 1.91 0.00	48.06 1.53 0.00	57.19 1.61 0.00	65.89 1.54 0.00	69.62 1.89 0.00	75.22 2.33 0.00	80.99 2.96 0.00	88.40 3.48 -0.12	115.70 4.52 -3.42	142.12 5.28 -8.08	132.79 4.21 -17.84	112.45 2.57 -24.11	93.32 2.46 -14.07	69.47 2.58 -6.77	59.45 2.65 -1.58	53.39 2.35 0.00
NEWKRMKL_115KV_TB1 55635	38.44 1.48 0.00	35.78 1.41 0.00	34.62 1.24 0.00	32.28 1.27 0.00	33.53 1.20 0.00	34.51 1.17 0.00	35.67 1.34 0.00	39.13 1.43 0.00	42.24 1.51 0.00	48.11 1.58 0.00	57.19 1.61 0.00	66.21 1.87 0.00	68.35 1.83 1.21	73.12 2.33 2.09	75.06 2.65 5.62	80.10 3.22 7.93	117.29 3.45 -6.09	170.29 3.73 -37.80	217.92 3.10 -104.08	241.58 2.06 -153.75	161.57 2.07 -82.70	101.84 1.80 -39.93	67.44 2.04 -10.17	52.93 1.89 0.00
NEWTON___FALLS_HYD 23847	37.31 -0.15 -0.50	34.60 -0.10 -0.33	33.61 -0.03 -0.26	31.03 -0.09 -0.11	32.52 0.00 -0.19	33.71 0.10 -0.26	34.70 0.03 -0.33	38.16 -0.08 -0.55	45.81 -0.45 -5.53	51.50 -0.56 -5.53	60.44 -0.67 -5.53	69.04 -0.84 -5.53	72.31 -0.95 -5.53	77.10 -1.31 -5.53	79.28 -1.79 -3.05	86.18 -2.12 -3.50	110.39 -2.16 -4.79	131.78 -2.06 -5.08	114.26 -1.44 -4.96	88.72 -0.69 -3.63	79.24 -0.61 -3.06	62.16 0.00 -2.05	56.80 -0.11 -1.70	52.37 -0.10 -1.43
NGRID_A1_DSASP 323792	36.85 -0.11 0.00	33.16 -1.20 0.00	31.71 -1.67 0.00	29.06 -1.95 0.00	30.52 -1.81 0.00	31.65 -1.70 0.00	32.89 -1.44 0.00	36.86 -0.83 0.00	39.59 -1.14 0.00	46.15 -0.37 0.00	55.47 -0.11 0.00	65.06 0.71 0.00	69.69 1.97 0.00	74.20 1.31 0.00	79.67 1.64 0.00	85.14 0.34 0.00	106.57 -1.18 0.00	126.69 -2.07 0.00	111.96 1.22 0.00	89.29 3.52 0.00	78.33 1.54 0.00	60.77 0.66 0.00	54.72 -0.50 0.00	51.25 0.20 0.00
NGRID_A2_DSASP 323793	36.85 -0.11 0.00	33.16 -1.20 0.00	31.71 -1.67 0.00	29.06 -1.95 0.00	30.52 -1.81 0.00	31.65 -1.70 0.00	32.89 -1.44 0.00	36.86 -0.83 0.00	39.59 -1.14 0.00	46.15 -0.37 0.00	55.47 -0.11 0.00	65.06 0.71 0.00	69.69 1.97 0.00	74.20 1.31 0.00	79.67 1.64 0.00	85.14 0.34 0.00	106.57 -1.18 0.00	126.69 -2.07 0.00	111.96 1.22 0.00	89.29 3.52 0.00	78.33 1.54 0.00	60.77 0.66 0.00	54.72 -0.50 0.00	51.25 0.20 0.00
NGRID_A4_DSASP 323807	36.85 -0.11 0.00	33.16 -1.20 0.00	31.71 -1.67 0.00	29.06 -1.95 0.00	30.52 -1.81 0.00	31.65 -1.70 0.00	32.89 -1.44 0.00	36.86 -0.83 0.00	39.59 -1.14 0.00	46.15 -0.37 0.00	55.47 -0.11 0.00	65.06 0.71 0.00	69.69 1.97 0.00	74.20 1.31 0.00	79.67 1.64 0.00	85.14 0.34 0.00	106.57 -1.18 0.00	126.69 -2.07 0.00	111.96 1.22 0.00	89.29 3.52 0.00	78.33 1.54 0.00	60.77 0.66 0.00	54.72 -0.50 0.00	51.25 0.20 0.00
NIAGARA_115E_LBMP 323715	37.15 0.19 0.00	33.44 -0.93 0.00	31.98 -1.40 0.00	29.37 -1.64 0.00	30.78 -1.55 0.00	31.91 -1.43 0.00	32.96 -1.37 0.00	36.98 -0.72 0.00	39.67 -1.06 0.00	46.25 -0.28 0.00	55.64 0.06 0.00	65.25 0.90 0.00	69.89 2.17 0.00	74.56 1.68 0.00	79.98 1.95 0.00	85.48 0.68 0.00	107.11 -0.64 0.00	127.47 -1.29 0.00	112.62 1.88 0.00	89.72 3.95 0.00	78.79 1.99 0.00	61.01 0.90 0.00	54.89 -0.33 0.00	51.40 0.36 0.00
NIAGARA_115W_LBMP 323714	36.74 -0.22 0.00	33.06 -1.31 0.00	31.61 -1.77 0.00	29.00 -2.02 0.00	30.45 -1.88 0.00	31.55 -1.80 0.00	32.79 -1.54 0.00	36.75 -0.94 0.00	39.47 -1.26 0.00	46.02 -0.51 0.00	55.30 -0.28 0.00	64.86 0.51 0.00	69.49 1.76 0.00	73.98 1.09 0.00	79.43 1.41 0.00	84.89 0.08 0.00	106.25 -1.51 0.00	126.31 -2.45 0.00	111.62 0.88 0.00	89.03 3.26 0.00	78.10 1.30 0.00	60.59 0.48 0.00	54.56 -0.66 0.00	51.14 0.10 0.00
NIAGARA_230_LBMP 323716	37.22 0.26 0.00	33.54 -0.83 0.00	32.08 -1.30 0.00	29.43 -1.58 0.00	30.91 -1.42 0.00	32.01 -1.33 0.00	33.27 -1.06 0.00	37.24 -0.45 0.00	40.00 -0.73 0.00	46.62 0.09 0.00	56.02 0.44 0.00	65.70 1.35 0.00	70.30 2.57 0.00	75.00 2.12 0.00	80.53 2.50 0.00	86.08 1.27 0.00	107.86 0.11 0.00	128.24 -0.51 0.00	113.17 2.43 0.00	90.23 4.46 0.00	79.25 2.46 0.00	61.43 1.32 0.00	55.33 0.11 0.00	51.76 0.71 0.00
NIAGARA___115KV_198_GIBSON 55903	36.44 -0.52 0.00	32.92 -1.44 0.00	31.48 -1.90 0.00	28.87 -2.14 0.00	30.36 -1.97 0.00	31.41 -1.93 0.00	32.65 -1.68 0.00	35.81 -1.88 0.00	39.47 -1.26 0.00	45.74 -0.79 0.00	55.30 -0.28 0.00	64.80 0.45 0.00	69.49 1.76 0.00	73.83 0.95 0.00	78.65 0.62 0.00	84.89 0.08 0.00	106.14 -1.62 0.00	126.05 -2.70 0.00	111.40 0.66 0.00	88.35 2.57 0.00	78.10 1.31 0.00	60.53 0.42 0.00	54.50 -0.72 0.00	51.09 0.05 0.00
NIAGARA____ 23760	37.22 0.26 0.00	33.54 -0.83 0.00	32.08 -1.30 0.00	29.43 -1.58 0.00	30.91 -1.42 0.00	32.01 -1.33 0.00	33.27 -1.06 0.00	37.24 -0.45 0.00	40.00 -0.73 0.00	46.62 0.09 0.00	56.02 0.44 0.00	65.70 1.35 0.00	70.30 2.57 0.00	75.00 2.12 0.00	80.53 2.50 0.00	86.08 1.27 0.00	107.86 0.11 0.00	128.24 -0.51 0.00	113.17 2.43 0.00	90.23 4.46 0.00	79.25 2.46 0.00	61.43 1.32 0.00	55.33 0.11 0.00	51.76 0.71 0.00
NINE_MILE_1 23575	27.69 -0.74 8.53	27.88 -0.83 5.67	27.97 -0.97 4.45	28.20 -0.96 1.85	28.07 -0.97 3.29	28.03 -0.93 4.38	27.92 -0.86 5.56	27.61 -0.83 9.26	-53.96 -0.98 93.71	-48.16 -0.98 93.71	-39.24 -1.11 93.71	-30.52 -1.16 93.71	-27.00 -1.01 93.71	-21.92 -1.09 93.71	25.35 -1.02 51.66	24.17 -1.27 59.36	24.56 -1.94 81.26	40.13 -2.45 86.18	25.07 -1.55 84.12	23.30 -0.94 61.53	23.98 -1.00 51.82	24.52 -0.84 34.75	25.49 -0.99 28.74	25.82 -0.97 24.25
NINE_MILE_2 23744	27.57 -0.74 8.65	27.79 -0.83 5.75	27.90 -0.97 4.51	28.17 -0.96 1.88	28.05 -0.94 3.34	27.97 -0.93 4.45	27.84 -0.86 5.64	27.47 -0.83 9.40	-55.37 -0.98 95.12	-49.58 -0.98 95.12	-40.65 -1.11 95.12	-31.93 -1.16 95.12	-28.41 -1.01 95.12	-23.33 -1.09 95.12	24.57 -1.02 52.44	23.27 -1.27 60.26	23.33 -1.94 82.49	38.83 -2.45 87.48	23.80 -1.55 85.39	22.37 -0.94 62.46	23.20 -1.00 52.60	23.99 -0.84 35.27	25.05 -0.99 29.17	25.46 -0.97 24.61
NM_CAPITAL___DRP 24208	38.55 1.59 0.00	35.88 1.51 0.00	34.68 1.30 0.00	32.35 1.33 0.00	33.59 1.26 0.00	34.58 1.23 0.00	35.74 1.41 0.00	39.24 1.55 0.00	42.32 1.59 0.00	48.25 1.72 0.00	57.30 1.72 0.00	66.34 1.99 0.00	73.77 2.03 -4.01	82.30 2.48 -6.93	99.54 2.89 -18.63	114.45 3.39 -26.26	185.76 3.66 -74.34	230.92 3.99 -98.17	262.36 3.32 -148.30	245.02 2.23 -157.02	193.87 2.23 -114.85	116.97 1.92 -54.94	67.38 2.15 -10.01	53.08 2.04 0.00
NM_CENTRAL___DRP 24181	37.94 0.15 -0.83	34.85 -0.07 -0.55	33.58 -0.23 -0.43	30.85 -0.34 -0.18	32.39 -0.26 -0.32	33.57 -0.20 -0.43	34.81 -0.07 -0.54	38.71 0.11 -0.90	49.92 0.08 -9.10	55.91 0.28 -9.10	65.18 0.50 -9.10	74.29 0.84 -9.10	77.98 1.15 -9.10	83.23 1.24 -9.10	84.53 1.48 -5.02	92.01 1.44 -5.77	117.05 1.40 -7.89	138.54 1.42 -8.37	120.79 1.88 -8.17	93.46 1.72 -5.98	83.29 1.46 -5.03	64.51 1.02 -3.38	58.56 0.55 -2.79	53.81 0.41 -2.36

NM_FRONTIER___DRP 24179	36.44 -0.52 0.00	32.92 -1.44 0.00	31.48 -1.90 0.00	28.87 -2.14 0.00	30.36 -1.97 0.00	31.41 -1.93 0.00	32.65 -1.68 0.00	35.81 -1.88 0.00	39.47 -1.26 0.00	45.74 -0.79 0.00	55.30 -0.28 0.00	64.80 0.45 0.00	69.49 1.76 0.00	73.83 0.95 0.00	78.65 0.62 0.00	84.89 0.08 0.00	106.14 -1.62 0.00	126.05 -2.70 0.00	111.40 0.66 0.00	88.35 2.57 0.00	78.10 1.31 0.00	60.53 0.42 0.00	54.50 -0.72 0.00	51.09 0.05 0.00
NM_ST_REGIS___HYD 24053	35.59 -1.37 0.00	33.34 -1.03 0.00	32.65 -0.73 0.00	30.33 -0.68 0.00	31.71 -0.61 0.00	32.78 -0.57 0.00	33.51 -0.82 0.00	36.56 -1.13 0.00	39.18 -1.55 0.00	44.53 -2.00 0.00	53.36 -2.22 0.00	61.39 -2.96 0.00	64.41 -3.32 0.00	68.66 -4.23 0.00	72.80 -5.23 0.00	79.04 -5.77 0.00	101.40 -6.36 0.00	121.80 -6.95 0.00	104.32 -6.42 0.00	80.97 -4.80 0.00	72.50 -4.30 0.00	57.35 -2.77 0.00	53.07 -2.15 0.00	49.10 -1.94 0.00
NORTHPORT___1 23551	40.66 3.70 -0.01	37.78 3.40 -0.01	36.05 2.67 0.00	33.71 2.70 0.00	34.88 2.55 0.00	35.88 2.53 0.00	37.74 3.40 -0.01	41.43 3.73 -0.01	45.14 4.40 -0.01	50.72 4.19 0.00	64.58 4.78 -4.22	74.96 4.96 -5.66	76.21 4.61 -3.87	79.45 4.88 -1.68	84.39 5.46 -0.90	95.60 5.51 -5.29	120.81 6.68 -6.38	147.50 8.12 -10.63	133.94 6.42 -16.78	113.88 3.43 -24.67	94.28 3.46 -14.02	77.61 3.97 -13.53	73.71 4.75 -13.74	65.96 4.49 -10.43
NORTHPORT___2 23552	40.66 3.70 -0.01	37.78 3.40 -0.01	36.05 2.67 0.00	33.71 2.70 0.00	34.88 2.55 0.00	35.88 2.53 0.00	37.74 3.40 -0.01	41.43 3.73 -0.01	45.14 4.40 -0.01	50.72 4.19 0.00	64.58 4.78 -4.22	74.96 4.96 -5.66	76.21 4.61 -3.87	77.70 4.88 0.07	79.46 5.46 4.03	78.59 5.51 11.72	103.04 6.68 11.39	130.00 8.12 6.88	120.09 6.42 -2.92	100.58 3.43 -11.38	88.59 3.46 -8.33	77.61 3.97 -13.53	73.71 4.75 -13.74	65.96 4.49 -10.43
NORTHPORT___3 23553	40.15 3.18 -0.01	37.23 2.85 -0.01	35.58 2.20 0.00	33.25 2.23 0.00	34.43 2.10 0.00	35.38 2.03 0.00	37.16 2.82 -0.01	40.83 3.13 -0.01	44.53 3.79 -0.01	50.20 3.67 0.00	63.91 4.11 -4.22	73.87 3.86 -5.66	76.40 4.81 -3.87	78.20 5.39 0.08	79.07 5.46 4.42	78.67 5.60 11.73	79.18 6.79 35.37	79.18 8.12 57.69	79.14 6.53 38.13	79.14 3.43 10.07	79.14 3.30 0.96	78.20 3.73 -14.36	73.98 5.02 -13.73	66.61 5.15 -10.42
NORTHPORT___4 23650	40.15 3.18 -0.01	37.23 2.85 -0.01	35.58 2.20 0.00	33.25 2.23 0.00	34.43 2.10 0.00	35.38 2.03 0.00	37.16 2.82 -0.01	40.83 3.13 -0.01	44.53 3.79 -0.01	50.20 3.67 0.00	63.91 4.11 -4.22	73.87 3.86 -5.66	76.40 4.81 -3.87	78.20 5.39 0.08	79.07 5.46 4.42	78.67 5.60 11.73	79.18 6.79 35.37	79.18 8.12 57.69	79.14 6.53 38.13	79.14 3.43 10.07	79.14 3.30 0.96	78.20 3.73 -14.36	73.98 5.02 -13.73	66.61 5.15 -10.42
NORTHPORT___IC 23718	40.69 3.73 0.00	37.63 3.26 0.00	36.22 2.84 0.00	33.84 2.82 0.00	35.01 2.68 0.00	35.88 2.53 0.00	37.60 3.26 0.00	41.50 3.81 0.00	45.13 4.40 0.00	50.85 4.33 0.00	64.58 4.78 -4.22	75.03 5.02 -5.66	76.14 4.54 -3.87	77.62 4.81 0.07	79.53 5.54 4.04	78.48 5.51 11.83	103.79 7.44 11.40	129.86 7.98 6.88	120.09 6.42 -2.92	100.49 3.35 -11.38	88.51 3.38 -8.33	77.61 3.97 -13.53	73.71 4.75 -13.74	65.96 4.49 -10.43
NORTH___COUNTRY_ESR 323785	35.70 -1.26 0.00	33.30 -1.07 0.00	32.75 -0.64 0.00	30.42 -0.59 0.00	31.85 -0.48 0.00	32.85 -0.50 0.00	33.48 -0.86 0.00	36.79 -0.91 0.00	39.84 -0.90 0.00	44.99 -1.53 0.00	53.91 -1.67 0.00	62.23 -2.12 0.00	65.22 -2.50 0.00	69.61 -3.28 0.00	73.50 -4.53 0.00	79.72 -5.09 0.00	102.26 -5.49 0.00	122.71 -6.05 0.00	104.87 -5.87 0.00	81.22 -4.55 0.00	72.88 -3.91 0.00	57.64 -2.47 0.00	53.07 -2.15 0.00	48.95 -2.09 0.00
NPX_GEN_1385_PROXY 323591	40.78 3.81 -0.01	38.29 3.92 -0.01	36.42 3.04 0.00	34.30 3.29 0.00	35.24 2.91 0.00	36.25 2.90 0.00	38.39 4.05 -0.01	42.07 4.37 -0.01	45.67 4.93 -0.01	50.57 4.05 0.00	64.30 4.50 -4.22	75.22 5.21 -5.66	77.36 5.75 -3.87	84.00 7.22 -3.90	97.10 7.96 -11.11	124.40 8.22 -31.37	164.00 10.02 -46.22	190.50 12.10 -49.64	180.80 9.97 -60.09	140.10 6.18 -48.15	121.12 5.91 -38.41	91.20 5.89 -25.20	71.84 4.58 -12.03	65.60 4.13 -10.43
NPX_GEN_CSC 323557	41.07 4.10 -0.01	38.06 3.68 -0.01	36.32 2.94 0.00	33.93 2.91 0.00	35.11 2.78 0.00	36.11 2.77 0.00	38.02 3.68 -0.01	41.70 3.99 -0.01	45.54 4.80 -0.01	51.13 4.61 0.00	65.30 5.50 -4.22	75.93 5.92 -5.67	77.75 6.10 -3.92	94.75 6.78 -15.09	124.12 7.49 -38.60	228.05 7.89 -135.35	259.55 9.59 -142.21	284.76 11.59 -144.41	243.01 9.63 -122.64	217.91 5.84 -126.30	140.05 5.68 -57.57	103.63 5.47 -38.05	73.27 5.97 -12.08	76.33 5.67 -19.62
NSINS_S_GLNS_FALLS 23858	39.77 2.81 0.00	36.88 2.51 0.00	35.55 2.17 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.42 2.07 0.00	36.67 2.33 0.00	40.26 2.56 0.00	43.71 2.97 0.00	49.55 3.02 0.00	59.03 3.45 0.00	68.92 4.57 0.00	75.43 4.40 -3.30	84.35 5.76 -5.71	99.85 6.48 -15.34	114.31 7.89 -21.62	196.80 9.81 -79.24	264.03 11.85 -123.42	337.38 10.52 -216.12	350.33 8.23 -256.33	252.87 7.37 -168.70	146.57 5.53 -80.93	76.60 4.80 -16.57	55.28 4.24 0.00
NUCOR_STEEL___DRP 24197	39.09 0.78 -1.36	35.75 0.48 -0.90	34.32 0.23 -0.71	31.37 0.06 -0.29	33.05 0.19 -0.52	34.34 0.30 -0.70	35.63 0.41 -0.88	39.84 0.68 -1.47	56.33 0.69 -14.90	62.45 1.02 -14.90	71.87 1.39 -14.90	81.18 1.93 -14.90	85.00 2.37 -14.90	90.27 2.48 -14.90	89.05 2.81 -8.22	97.13 2.88 -9.44	123.70 3.02 -12.92	146.07 3.61 -13.71	128.22 4.10 -13.38	99.25 3.69 -9.79	88.26 3.23 -8.24	67.98 2.34 -5.53	61.39 1.60 -4.57	56.28 1.38 -3.86
NUMBER_THREE_WT_PWR 323818	38.78 1.22 -0.60	35.76 1.00 -0.40	34.56 0.87 -0.31	31.86 0.71 -0.13	33.40 0.84 -0.23	34.62 0.97 -0.31	35.82 1.10 -0.39	39.55 1.21 -0.65	48.44 1.10 -6.61	54.39 1.26 -6.61	63.63 1.44 -6.61	71.86 0.90 -6.61	75.42 1.08 -6.61	80.59 1.09 -6.61	82.68 1.01 -3.64	89.84 0.85 -4.19	114.78 1.30 -5.73	136.89 2.05 -6.08	119.11 2.43 -5.93	92.60 2.49 -4.34	82.68 2.23 -3.65	65.45 2.89 -2.45	59.34 2.10 -2.03	54.59 1.83 -1.71
NYISO_LBMP_REFERENCE 24008	36.96 0.00 0.00	34.37 0.00 0.00	33.38 0.00 0.00	31.01 0.00 0.00	32.33 0.00 0.00	33.35 0.00 0.00	34.33 0.00 0.00	37.69 0.00 0.00	40.73 0.00 0.00	46.53 0.00 0.00	55.58 0.00 0.00	64.35 0.00 0.00	67.73 0.00 0.00	72.89 0.00 0.00	78.03 0.00 0.00	84.80 0.00 0.00	107.76 0.00 0.00	128.76 0.00 0.00	110.74 0.00 0.00	85.77 0.00 0.00	76.80 0.00 0.00	60.11 0.00 0.00	55.22 0.00 0.00	51.04 0.00 0.00
NYPA_BRENTWD____GT 24164	41.25 4.29 -0.01	38.26 3.88 -0.01	36.52 3.14 0.00	34.11 3.10 0.00	35.34 3.01 0.00	36.31 2.97 0.00	38.22 3.88 -0.01	41.96 4.26 -0.01	45.79 5.05 -0.01	51.46 4.93 0.00	65.58 5.78 -4.22	76.19 6.18 -5.66	77.91 6.30 -3.88	83.96 6.85 -4.22	93.65 7.57 -8.06	121.82 7.03 -29.99	148.65 8.72 -32.17	175.21 10.42 -36.03	156.30 8.64 -36.92	134.80 5.06 -43.97	104.46 5.37 -22.29	109.95 5.53 -44.31	74.99 6.02 -13.75	68.97 5.67 -12.26

NYPA_GOWANUS____GT5 24156	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 1.59	65.97 3.22 1.59	66.92 3.38 4.19	67.44 4.01 9.45	85.01 4.52 -2.46	84.40 5.09 5.49	109.18 6.36 4.94	125.36 7.21 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.27 3.59 -1.46	54.82 3.78 0.00
NYPA_GOWANUS____GT6 24157	40.11 3.14 -0.01	37.09 2.71 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.28 1.93 0.00	36.94 2.61 0.00	40.64 2.94 0.00	44.19 3.46 0.00	50.16 3.63 0.00	58.92 3.33 1.59	65.97 3.22 1.59	66.92 3.38 4.19	67.44 4.01 9.45	85.01 4.52 -2.46	84.40 5.09 5.49	109.18 6.36 4.94	125.36 7.21 10.60	93.82 5.75 22.68	81.46 3.43 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.27 3.59 -1.46	54.82 3.78 0.00
NYPA_HARLEM__RVR__GT1 24160	40.07 3.11 -0.01	37.06 2.68 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.39 2.03 -0.01	37.01 2.68 0.00	40.56 2.86 0.00	43.95 3.22 0.00	49.88 3.35 0.00	58.75 3.17 0.00	67.49 3.15 0.01	70.90 3.18 0.01	76.59 3.72 0.01	82.47 4.45 0.01	89.91 5.00 -0.10	117.37 6.46 -3.15	143.42 7.21 -7.45	132.74 5.53 -16.47	111.20 3.18 -22.25	92.85 3.08 -12.98	69.06 2.71 -6.25	60.11 3.42 -1.47	54.57 3.52 -0.01
NYPA_HARLEM__RVR__GT2 24161	40.07 3.11 -0.01	37.06 2.68 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.39 2.03 -0.01	37.01 2.68 0.00	40.56 2.86 0.00	43.95 3.22 0.00	49.88 3.35 0.00	58.75 3.17 0.00	67.49 3.15 0.01	70.90 3.18 0.01	76.59 3.72 0.01	82.47 4.45 0.01	89.91 5.00 -0.10	117.37 6.46 -3.15	143.42 7.21 -7.45	132.74 5.53 -16.47	111.20 3.18 -22.25	92.85 3.08 -12.98	69.06 2.71 -6.25	60.11 3.42 -1.47	54.57 3.52 -0.01
NYPA_KENT____GT 24152	40.03 3.07 0.00	36.98 2.61 0.00	35.42 2.04 0.00	33.13 2.11 0.00	34.40 2.07 0.00	35.25 1.90 0.00	36.91 2.58 0.00	40.56 2.86 0.00	44.11 3.38 0.00	50.06 3.53 0.00	58.86 3.28 0.00	66.01 3.15 1.49	67.07 3.25 3.90	67.87 3.79 8.81	79.76 4.37 2.63	83.88 5.00 5.92	109.62 6.25 4.39	126.46 7.08 9.37	86.77 5.42 29.40	77.93 3.18 11.02	82.23 2.99 -2.44	69.06 2.71 -6.25	60.16 3.48 -1.46	54.67 3.62 0.00
NYPA_POUCH1____GT 24155	40.03 3.07 -0.01	37.02 2.65 -0.01	35.49 2.10 -0.01	33.16 2.14 -0.01	34.44 2.10 -0.01	35.21 1.87 0.00	36.87 2.54 0.00	40.48 2.79 0.00	44.03 3.30 0.00	50.02 3.49 0.00	58.69 3.11 1.59	65.72 2.96 1.59	66.66 3.12 4.19	67.15 3.72 9.45	84.78 4.29 -2.46	84.15 4.83 5.49	108.85 6.03 4.94	125.10 6.95 10.60	93.49 5.42 22.68	81.20 3.18 7.75	81.39 2.92 -1.67	69.00 2.64 -6.25	60.10 3.42 -1.46	54.67 3.62 0.00
NYPA_VERNON____GT2 24162	39.92 2.96 0.00	36.88 2.51 0.00	35.35 1.97 0.00	33.03 2.01 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.87 2.54 0.00	40.52 2.83 0.00	44.07 3.34 0.00	49.97 3.44 0.00	58.80 3.22 0.00	66.06 3.09 1.38	67.29 3.18 3.62	68.44 3.72 8.16	74.59 4.29 7.73	83.36 4.92 6.36	110.17 6.25 3.84	127.56 6.95 8.15	79.94 5.32 36.12	74.49 3.00 14.29	82.92 2.92 -3.21	69.00 2.64 -6.25	60.10 3.42 -1.46	54.51 3.47 0.00
NYPA_VERNON____GT3 24163	39.92 2.96 0.00	36.88 2.51 0.00	35.35 1.97 0.00	33.03 2.01 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.87 2.54 0.00	40.52 2.83 0.00	44.07 3.34 0.00	49.97 3.44 0.00	58.80 3.22 0.00	66.06 3.09 1.38	67.29 3.18 3.62	68.44 3.72 8.16	74.59 4.29 7.73	83.36 4.92 6.36	110.17 6.25 3.84	127.56 6.95 8.15	79.94 5.32 36.12	74.49 3.00 14.29	82.92 2.92 -3.21	69.00 2.64 -6.25	60.10 3.42 -1.46	54.51 3.47 0.00
NYPA__ASTORIA_CC1 323568	39.84 2.88 0.00	36.84 2.48 0.00	35.32 1.94 0.00	33.00 1.99 0.00	34.27 1.94 0.00	35.15 1.80 0.00	36.84 2.51 0.00	40.44 2.75 0.00	43.99 3.26 0.00	49.83 3.30 0.00	58.64 3.05 0.00	65.65 2.90 1.60	66.51 2.98 4.19	66.93 3.50 9.45	70.74 4.05 11.34	81.69 4.66 7.77	108.74 5.92 4.94	124.71 6.56 10.61	66.76 4.99 48.97	65.89 2.74 22.63	81.15 2.69 -1.67	68.82 2.47 -6.25	59.94 3.26 -1.46	54.41 3.37 0.00
NYPA__ASTORIA_CC2 323569	39.84 2.88 0.00	36.84 2.48 0.00	35.32 1.94 0.00	33.00 1.99 0.00	34.27 1.94 0.00	35.15 1.80 0.00	36.84 2.51 0.00	40.44 2.75 0.00	43.99 3.26 0.00	49.83 3.30 0.00	58.64 3.05 0.00	65.65 2.90 1.60	66.51 2.98 4.19	66.93 3.50 9.45	70.74 4.05 11.34	81.69 4.66 7.77	108.74 5.92 4.94	124.71 6.56 10.61	66.76 4.99 48.97	65.89 2.74 22.63	81.15 2.69 -1.67	68.82 2.47 -6.25	59.94 3.26 -1.46	54.41 3.37 0.00
NYPA__HOLTSVILL 23794	41.14 4.18 -0.01	38.12 3.75 -0.01	36.42 3.04 0.00	34.02 3.01 0.00	35.21 2.88 0.00	36.22 2.87 0.00	38.12 3.78 -0.01	41.81 4.11 -0.01	45.63 4.89 -0.01	51.18 4.65 0.00	65.30 5.50 -4.22	75.81 5.79 -5.67	77.54 5.89 -3.92	94.14 6.42 -14.84	122.96 7.03 -37.91	225.06 7.29 -132.96	256.30 8.84 -139.71	281.38 10.68 -141.94	240.17 8.75 -120.69	215.44 5.23 -124.43	138.63 5.07 -56.77	101.28 5.11 -36.06	74.75 5.74 -13.79	76.05 5.56 -19.44
NYPA____HELLGATE_GT1 24158	40.07 3.11 -0.01	37.06 2.68 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.39 2.03 -0.01	37.03 2.68 -0.02	40.56 2.86 0.00	43.95 3.22 0.00	49.89 3.35 -0.02	58.75 3.17 0.00	67.49 3.15 0.01	70.90 3.18 0.01	76.59 3.72 0.01	82.47 4.45 0.01	89.91 5.00 -0.10	117.37 6.46 -3.15	143.42 7.21 -7.45	132.74 5.53 -16.47	111.20 3.18 -22.25	92.85 3.08 -12.98	69.06 2.71 -6.25	60.11 3.42 -1.47	54.57 3.52 -0.01
NYPA____HELLGATE_GT2 24159	40.07 3.11 -0.01	37.06 2.68 -0.01	35.53 2.14 -0.01	33.19 2.17 -0.01	34.47 2.13 -0.01	35.39 2.03 -0.01	37.03 2.68 -0.02	40.56 2.86 0.00	43.95 3.22 0.00	49.89 3.35 -0.02	58.75 3.17 0.00	67.49 3.15 0.01	70.90 3.18 0.01	76.59 3.72 0.01	82.47 4.45 0.01	89.91 5.00 -0.10	117.37 6.46 -3.15	143.42 7.21 -7.45	132.74 5.53 -16.47	111.20 3.18 -22.25	92.85 3.08 -12.98	69.06 2.71 -6.25	60.11 3.42 -1.47	54.57 3.52 -0.01
NYS_BARGE__HYD 23848	37.70 0.74 0.00	33.96 -0.41 0.00	32.41 -0.97 0.00	29.74 -1.27 0.00	31.23 -1.10 0.00	32.38 -0.97 0.00	33.55 -0.79 0.00	37.66 -0.04 0.00	40.40 -0.33 0.00	47.09 0.56 0.00	56.63 1.05 0.00	66.41 2.06 0.00	71.18 3.45 0.00	75.95 3.06 0.00	81.46 3.43 0.00	87.09 2.29 0.00	109.26 1.51 0.00	130.04 1.29 0.00	114.84 4.10 0.00	91.43 5.66 0.00	80.26 3.46 0.00	62.16 2.04 0.00	55.88 0.67 0.00	52.22 1.17 0.00
OAK ORCHARD__HYD 24046	37.81 0.85 0.00	34.47 0.10 0.00	33.05 -0.33 0.00	30.42 -0.59 0.00	31.91 -0.42 0.00	33.01 -0.33 0.00	34.30 -0.03 0.00	38.26 0.57 0.00	41.18 0.45 0.00	47.73 1.21 0.00	57.47 1.89 0.00	67.18 2.83 0.00	71.52 3.79 0.00	76.67 3.79 0.00	82.32 4.29 0.00	88.53 3.73 0.00	111.52 3.77 0.00	133.00 4.24 0.00	116.39 5.64 0.00	91.69 5.91 0.00	81.02 4.22 0.00	63.00 2.89 0.00	56.82 1.60 0.00	52.68 1.63 0.00

OAKDALE___35_KV_LOAD 356122	38.43 0.92 -0.55	35.28 0.55 -0.37	34.00 0.33 -0.29	31.32 0.19 -0.12	32.80 0.26 -0.21	34.00 0.37 -0.28	35.21 0.52 -0.36	39.04 0.75 -0.60	47.67 0.90 -6.04	53.77 1.21 -6.04	63.23 1.61 -6.04	72.45 2.06 -6.04	76.34 2.57 -6.04	81.69 2.77 -6.04	84.40 3.04 -3.33	91.68 3.05 -3.83	117.54 3.23 -6.55	141.02 3.61 -8.66	127.22 4.21 -12.27	102.68 3.69 -13.22	88.61 3.07 -8.74	67.23 2.28 -4.84	59.34 1.66 -2.46	54.14 1.53 -1.56
OCC_CHEM___DRP 24175	36.52 -0.44 0.00	33.03 -1.34 0.00	31.58 -1.80 0.00	28.97 -2.05 0.00	30.42 -1.91 0.00	31.51 -1.83 0.00	32.75 -1.58 0.00	35.92 -1.77 0.00	39.59 -1.14 0.00	45.87 -0.65 0.00	55.47 -0.11 0.00	64.99 0.64 0.00	69.69 1.96 0.00	74.05 1.17 0.00	78.97 0.94 0.00	85.14 0.34 0.00	106.46 -1.29 0.00	126.31 -2.45 0.00	111.74 1.00 0.00	88.60 2.83 0.00	78.33 1.54 0.00	60.71 0.60 0.00	54.67 -0.55 0.00	51.25 0.20 0.00
OH_GEN_PROXY 24063	37.22 0.26 0.00	33.54 -0.83 0.00	32.11 -1.27 0.00	29.43 -1.58 0.00	30.91 -1.42 0.00	32.05 -1.30 0.00	33.31 -1.03 0.00	37.28 -0.41 0.00	40.08 -0.65 0.00	46.67 0.14 0.00	56.08 0.50 0.00	65.76 1.41 0.00	70.37 2.64 0.00	75.07 2.18 0.00	80.60 2.57 0.00	86.16 1.35 0.00	108.08 0.32 0.00	128.50 -0.26 0.00	113.39 2.65 0.00	90.32 4.54 0.00	79.33 2.53 0.00	63.20 1.38 -1.71	53.68 0.17 1.71	51.81 0.77 0.00
OLIN_CORP_DRP 24177	36.89 -0.07 0.00	33.34 -1.03 0.00	31.88 -1.50 0.00	29.28 -1.74 0.00	30.71 -1.62 0.00	31.81 -1.53 0.00	32.89 -1.44 0.00	36.11 -1.58 0.00	39.80 -0.94 0.00	46.06 -0.47 0.00	55.80 0.22 0.00	65.31 0.97 0.00	70.10 2.37 0.00	74.56 1.68 0.00	79.43 1.40 0.00	85.82 1.02 0.00	107.32 -0.43 0.00	127.34 -1.42 0.00	112.62 1.88 0.00	89.29 3.52 0.00	78.87 2.07 0.00	61.13 1.02 0.00	54.94 -0.28 0.00	51.50 0.46 0.00
OLIN_CORP_DSASP 323712	36.85 -0.11 0.00	33.16 -1.20 0.00	31.71 -1.67 0.00	29.06 -1.95 0.00	30.52 -1.81 0.00	31.65 -1.70 0.00	32.89 -1.44 0.00	36.86 -0.83 0.00	39.59 -1.14 0.00	46.15 -0.37 0.00	55.47 -0.11 0.00	65.06 0.71 0.00	69.69 1.97 0.00	74.20 1.31 0.00	79.67 1.64 0.00	85.14 0.34 0.00	106.57 -1.18 0.00	126.69 -2.07 0.00	111.96 1.22 0.00	89.29 3.52 0.00	78.33 1.54 0.00	60.77 0.66 0.00	54.72 -0.50 0.00	51.25 0.20 0.00
ONEIDA_HERK_LFGE 323681	38.77 1.48 -0.33	35.82 1.24 -0.22	34.59 1.04 -0.17	31.95 0.87 -0.07	33.42 0.97 -0.13	34.62 1.10 -0.17	35.78 1.23 -0.21	39.48 1.43 -0.36	45.80 1.46 -3.61	51.90 1.77 -3.61	61.30 2.11 -3.61	70.08 2.12 -3.61	73.77 2.43 -3.61	79.11 2.62 -3.61	82.75 2.73 -1.99	89.88 2.79 -2.29	114.55 3.67 -3.13	136.70 4.63 -3.32	118.41 4.43 -3.24	91.83 3.69 -2.37	82.09 3.30 -2.00	64.57 3.12 -1.34	58.70 2.37 -1.11	54.12 2.14 -0.93
ONEIDA___115KV_TB4 55905	39.22 1.81 -0.45	36.14 1.48 -0.30	34.85 1.24 -0.23	32.17 1.05 -0.10	33.67 1.16 -0.17	34.85 1.27 -0.23	36.07 1.44 -0.29	39.92 1.73 -0.49	47.50 1.83 -4.94	53.70 2.23 -4.94	63.30 2.78 -4.94	72.70 3.41 -4.94	76.53 3.86 -4.94	81.98 4.15 -4.94	85.20 4.45 -2.72	92.59 4.66 -3.13	117.86 5.82 -4.28	140.38 7.08 -4.54	121.93 6.76 -4.43	94.50 5.49 -3.24	84.44 4.92 -2.73	65.85 3.91 -1.83	59.72 2.98 -1.51	54.97 2.65 -1.28
ONONDAGA_REF_OCCRA 23987	38.02 0.04 -1.02	34.87 -0.17 -0.68	33.58 -0.33 -0.53	30.80 -0.43 -0.22	32.37 -0.36 -0.39	33.57 -0.30 -0.52	34.83 -0.17 -0.67	38.80 0.00 -1.11	51.92 -0.04 -11.23	57.94 0.19 -11.23	67.14 0.33 -11.23	76.22 0.64 -11.23	79.90 0.95 -11.23	85.13 1.02 -11.23	85.47 1.25 -6.19	93.19 1.27 -7.11	118.68 1.19 -9.74	140.37 1.29 -10.33	122.48 1.66 -10.08	94.69 1.54 -7.37	84.24 1.23 -6.21	65.12 0.84 -4.16	59.11 0.44 -3.44	54.20 0.26 -2.91
ONONDAGA___COGEN 23986	38.66 0.18 -1.52	35.34 -0.03 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.66 -0.26 -0.59	33.96 -0.17 -0.78	35.25 -0.07 -0.99	39.49 0.15 -1.65	57.45 0.04 -16.68	63.44 0.23 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.43 1.02 -16.68	90.66 1.09 -16.68	88.47 1.25 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.26 1.16 -15.34	127.38 1.66 -14.97	98.36 1.63 -10.95	87.40 1.38 -9.22	67.26 0.96 -6.19	60.83 0.50 -5.12	55.72 0.36 -4.32
ONTARIO___LFGE 23819	38.79 1.33 -0.50	35.39 0.69 -0.33	33.94 0.30 -0.26	31.12 0.00 -0.11	32.75 0.23 -0.19	34.04 0.43 -0.26	35.42 0.75 -0.33	39.67 1.43 -0.55	47.40 1.14 -5.53	53.87 1.81 -5.53	63.50 2.39 -5.53	73.22 3.34 -5.53	77.46 4.20 -5.53	82.86 4.45 -5.53	86.08 5.00 -3.05	92.63 4.32 -3.50	116.54 3.99 -4.80	138.61 4.77 -5.09	121.68 5.98 -4.97	95.84 6.44 -3.63	85.31 5.45 -3.06	65.95 3.79 -2.05	59.34 2.43 -1.70	54.62 2.14 -1.43
ORANGEVILLE_WT_PWR 323706	37.99 1.03 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.65 -0.68 0.00	32.85 -0.50 0.00	34.16 -0.17 0.00	38.33 0.64 0.00	41.22 0.49 0.00	47.97 1.44 0.00	57.69 2.11 0.00	67.44 3.09 0.00	72.20 4.47 0.00	77.33 4.45 0.00	82.95 4.92 0.00	88.96 4.15 0.00	111.63 3.87 0.00	132.88 4.12 0.00	117.05 6.31 0.00	92.72 6.94 0.00	81.72 4.92 0.00	63.23 3.12 0.00	56.99 1.77 0.00	53.03 1.99 0.00
ORANGEVILLE___ESR 323794	37.99 1.03 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.65 -0.68 0.00	32.85 -0.50 0.00	34.16 -0.17 0.00	38.33 0.64 0.00	41.22 0.49 0.00	47.97 1.44 0.00	57.69 2.11 0.00	67.44 3.09 0.00	72.20 4.47 0.00	77.33 4.45 0.00	82.95 4.92 0.00	88.96 4.15 0.00	111.63 3.87 0.00	132.88 4.12 0.00	117.05 6.31 0.00	92.72 6.94 0.00	81.72 4.92 0.00	63.23 3.12 0.00	56.99 1.77 0.00	53.03 1.99 0.00
OSWEGATCHIE___HYD 24044	37.32 -0.15 -0.50	34.53 -0.17 -0.33	33.61 -0.03 -0.26	31.03 -0.09 -0.11	32.52 0.00 -0.19	33.71 0.10 -0.26	34.66 0.00 -0.33	38.13 -0.11 -0.55	45.81 -0.45 -5.53	51.50 -0.56 -5.53	60.44 -0.66 -5.53	68.27 -1.61 -5.53	71.49 -1.76 -5.53	76.15 -2.26 -5.53	78.34 -2.73 -3.05	85.17 -3.14 -3.50	109.10 -3.45 -4.79	130.24 -3.60 -5.08	112.82 -2.88 -4.96	87.60 -1.81 -3.63	78.32 -1.54 -3.06	62.16 0.00 -2.05	56.81 -0.11 -1.70	52.37 -0.10 -1.43
OSWEGO___5 23606	42.91 -0.41 -6.35	38.04 -0.55 -4.22	35.99 -0.70 -3.31	31.68 -0.71 -1.38	34.10 -0.68 -2.45	35.94 -0.67 -3.26	37.92 -0.55 -4.14	44.10 -0.49 -6.90	109.89 -0.65 -69.82	115.79 -0.56 -69.82	124.79 -0.61 -69.82	133.58 -0.58 -69.82	137.14 -0.40 -69.82	142.27 -0.43 -69.82	116.29 -0.23 -38.49	128.53 -0.51 -44.23	167.32 -0.97 -60.54	191.68 -1.29 -64.21	172.86 -0.55 -62.67	131.53 -0.09 -45.84	115.17 -0.23 -38.61	85.76 -0.24 -25.89	76.13 -0.50 -21.41	68.60 -0.51 -18.06
OSWEGO___6 23613	42.91 -0.41 -6.35	38.04 -0.55 -4.22	35.99 -0.70 -3.31	31.68 -0.71 -1.38	34.10 -0.68 -2.45	35.94 -0.67 -3.26	37.92 -0.55 -4.14	44.10 -0.49 -6.90	109.89 -0.65 -69.82	115.79 -0.56 -69.82	124.79 -0.61 -69.82	133.58 -0.58 -69.82	137.14 -0.40 -69.82	142.27 -0.43 -69.82	116.29 -0.23 -38.49	128.53 -0.51 -44.23	167.32 -0.97 -60.54	191.68 -1.29 -64.21	172.86 -0.55 -62.67	131.53 -0.09 -45.84	115.17 -0.23 -38.61	85.76 -0.24 -25.89	76.13 -0.50 -21.41	68.60 -0.51 -18.06

OUTOKUMPU-AB___DRP 24206	37.70 0.74 0.00	34.09 -0.27 0.00	32.58 -0.80 0.00	29.87 -1.15 0.00	31.36 -0.97 0.00	32.51 -0.83 0.00	33.75 -0.58 0.00	37.20 -0.49 0.00	40.98 0.24 0.00	47.50 0.98 0.00	57.36 1.78 0.00	67.18 2.83 0.00	72.13 4.40 0.00	76.68 3.79 0.00	81.77 3.75 0.00	88.19 3.39 0.00	110.45 2.69 0.00	131.07 2.32 0.00	115.83 5.09 0.00	91.69 5.92 0.00	80.94 4.15 0.00	62.76 2.64 0.00	56.38 1.16 0.00	52.73 1.68 0.00
OXBOW___BTM 323836	37.51 0.56 0.00	33.75 -0.62 0.00	32.28 -1.10 0.00	29.59 -1.43 0.00	31.07 -1.26 0.00	32.21 -1.13 0.00	33.44 -0.89 0.00	37.58 -0.11 0.00	40.40 -0.33 0.00	47.09 0.56 0.00	56.58 1.00 0.00	66.35 2.00 0.00	71.11 3.38 0.00	75.43 2.55 0.00	80.99 2.96 0.00	86.50 1.70 0.00	108.41 0.65 0.00	128.89 0.13 0.00	113.84 3.10 0.00	90.66 4.89 0.00	79.56 2.76 0.00	61.98 1.87 0.00	55.72 0.50 0.00	52.12 1.07 0.00
OXBOW___ 24026	37.18 0.22 0.00	33.61 -0.76 0.00	32.15 -1.24 0.00	29.46 -1.55 0.00	30.94 -1.39 0.00	32.08 -1.27 0.00	33.30 -1.03 0.00	36.64 -1.06 0.00	40.37 -0.37 0.00	46.81 0.28 0.00	56.58 1.00 0.00	66.28 1.93 0.00	71.18 3.45 0.00	75.29 2.41 0.00	80.21 2.18 0.00	86.58 1.78 0.00	108.29 0.54 0.00	128.50 -0.26 0.00	113.62 2.88 0.00	89.98 4.20 0.00	79.49 2.69 0.00	61.91 1.80 0.00	55.66 0.44 0.00	52.11 1.07 0.00
OXY_CHEM_DSASP 323612	36.52 -0.44 0.00	33.03 -1.34 0.00	31.58 -1.80 0.00	28.97 -2.05 0.00	30.42 -1.91 0.00	31.51 -1.83 0.00	32.75 -1.58 0.00	35.92 -1.77 0.00	39.59 -1.14 0.00	45.87 -0.65 0.00	55.47 -0.11 0.00	64.99 0.64 0.00	69.69 1.96 0.00	74.05 1.17 0.00	78.97 0.94 0.00	85.14 0.34 0.00	106.46 -1.29 0.00	126.31 -2.45 0.00	111.74 1.00 0.00	88.60 2.83 0.00	78.33 1.54 0.00	60.71 0.60 0.00	54.67 -0.55 0.00	51.25 0.20 0.00
OZONE_PARK_ESR 323760	40.21 3.25 0.00	37.01 2.65 0.00	35.58 2.20 0.00	33.25 2.23 0.00	34.53 2.20 0.00	35.45 2.10 0.00	36.98 2.64 0.00	40.90 3.20 0.00	44.40 3.67 0.00	50.48 3.95 0.00	59.64 4.06 0.00	68.47 4.12 0.00	71.99 4.27 0.00	77.84 4.96 0.00	83.80 5.77 0.00	91.16 6.36 0.00	119.21 8.30 -3.16	145.75 9.53 -7.46	134.63 7.42 -16.47	112.75 4.72 -22.26	94.16 4.38 -12.99	70.09 3.73 -6.25	60.99 4.31 -1.46	55.13 4.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.52 -0.44 0.00	33.03 -1.34 0.00	31.58 -1.80 0.00	28.97 -2.05 0.00	30.42 -1.91 0.00	31.51 -1.83 0.00	32.75 -1.58 0.00	35.92 -1.77 0.00	39.59 -1.14 0.00	45.87 -0.65 0.00	55.47 -0.11 0.00	64.99 0.64 0.00	69.69 1.96 0.00	74.05 1.17 0.00	78.97 0.94 0.00	85.14 0.34 0.00	106.46 -1.29 0.00	126.31 -2.45 0.00	111.74 1.00 0.00	88.60 2.83 0.00	78.33 1.54 0.00	60.71 0.60 0.00	54.67 -0.55 0.00	51.25 0.20 0.00
PACKARD___115KV_DUPONT_184 80571	36.52 -0.44 0.00	33.03 -1.34 0.00	31.58 -1.80 0.00	28.97 -2.05 0.00	30.42 -1.91 0.00	31.51 -1.83 0.00	32.75 -1.58 0.00	35.92 -1.77 0.00	39.59 -1.14 0.00	45.87 -0.65 0.00	55.47 -0.11 0.00	64.99 0.64 0.00	69.69 1.96 0.00	74.05 1.17 0.00	78.97 0.94 0.00	85.14 0.34 0.00	106.46 -1.29 0.00	126.31 -2.45 0.00	111.74 1.00 0.00	88.60 2.83 0.00	78.33 1.54 0.00	60.71 0.60 0.00	54.67 -0.55 0.00	51.25 0.20 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.04 3.07 -0.01	36.85 2.47 -0.01	35.46 2.07 -0.01	33.13 2.11 -0.01	34.41 2.07 -0.01	35.29 1.93 -0.01	36.74 2.40 0.00	40.52 2.83 0.00	43.79 3.05 0.00	49.78 3.26 0.00	58.64 3.06 0.00	67.36 3.02 0.01	70.77 3.05 0.01	76.45 3.57 0.01	82.31 4.29 0.01	89.46 4.66 0.01	116.94 6.03 -3.15	143.04 6.82 -7.45	132.41 5.20 -16.47	110.94 2.92 -22.25	92.62 2.84 -12.98	69.00 2.64 -6.25	60.11 3.42 -1.47	54.57 3.52 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.55 3.59 -0.01	37.33 2.96 -0.01	35.89 2.50 -0.01	33.56 2.54 -0.01	34.86 2.52 -0.01	35.72 2.37 -0.01	37.22 2.88 0.00	41.01 3.32 0.00	44.32 3.58 0.00	50.39 3.86 0.00	59.36 3.78 0.00	68.20 3.86 0.01	71.65 3.93 0.01	77.40 4.52 0.01	83.40 5.38 0.01	90.65 5.85 0.01	118.45 7.54 -3.15	144.97 8.76 -7.45	133.96 6.76 -16.47	112.32 4.29 -22.25	93.77 3.99 -12.98	69.90 3.55 -6.25	61.00 4.31 -1.47	55.34 4.29 -0.01
PATROON___115KV_TB1 80586	38.59 1.63 0.00	35.91 1.55 0.00	34.72 1.34 0.00	32.38 1.36 0.00	33.62 1.29 0.00	34.61 1.27 0.00	35.78 1.44 0.00	39.28 1.58 0.00	42.36 1.63 0.00	48.29 1.77 0.00	57.42 1.83 0.00	66.54 2.19 0.00	71.22 2.17 -1.33	77.87 2.70 -2.29	87.23 3.04 -6.15	97.12 3.65 -8.67	152.89 3.99 -41.15	204.78 4.38 -71.64	249.94 3.65 -135.55	257.10 2.49 -168.84	185.45 2.46 -106.19	113.16 2.04 -51.01	68.46 2.26 -10.98	53.13 2.09 0.00
PATTRSNVILLE___SOLAR 323815	38.99 2.03 0.00	36.29 1.92 0.00	35.02 1.64 0.00	32.56 1.55 0.00	33.85 1.52 0.00	34.92 1.57 0.00	36.15 1.82 0.00	39.58 1.88 0.00	42.81 2.08 0.00	48.81 2.28 0.00	58.08 2.50 0.00	67.37 3.03 0.00	73.01 3.25 -2.03	80.11 3.72 -3.51	91.67 4.21 -9.43	104.27 4.83 -14.64	178.15 5.71 -64.69	249.21 6.82 -113.64	333.27 6.31 -216.22	360.90 4.89 -270.24	250.77 4.53 -169.44	145.05 3.55 -81.40	76.06 3.26 -17.58	54.00 2.96 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.18 1.22 0.00	34.54 0.17 0.00	33.05 -0.33 0.00	30.33 -0.68 0.00	31.84 -0.48 0.00	33.01 -0.33 0.00	34.33 0.00 0.00	38.00 0.30 0.00	41.67 0.94 0.00	48.29 1.77 0.00	58.47 2.89 0.00	68.47 4.12 0.00	73.48 5.76 0.00	78.57 5.69 0.00	83.88 5.85 0.00	90.57 5.77 0.00	113.57 5.82 0.00	134.94 6.18 0.00	119.16 8.42 0.00	93.92 8.15 0.00	82.94 6.14 0.00	64.14 4.03 0.00	57.59 2.37 0.00	53.70 2.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.84 2.88 0.00	36.88 2.51 0.00	35.45 2.07 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.35 2.00 0.00	36.77 2.44 0.00	40.60 2.90 0.00	44.11 3.38 0.00	50.29 3.77 0.00	59.86 4.28 0.00	68.92 4.57 0.00	72.67 4.94 0.00	78.64 5.76 0.00	84.74 6.71 0.00	92.10 7.29 0.00	120.20 9.16 -3.29	147.22 10.69 -7.77	136.53 8.64 -17.15	114.79 5.83 -23.18	95.62 5.30 -13.53	70.95 4.33 -6.51	61.10 4.36 -1.52	54.97 3.93 0.00
PEEKSKILL___ 23653	39.33 2.37 0.00	36.50 2.13 0.00	35.02 1.64 0.00	32.72 1.70 0.00	33.98 1.65 0.00	34.92 1.57 0.00	36.50 2.16 0.00	39.99 2.30 0.00	43.50 2.77 0.00	49.41 2.89 0.00	58.64 3.05 0.00	67.44 3.09 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.47 4.45 0.00	90.00 5.09 -0.11	117.23 6.36 -3.11	143.19 7.08 -7.36	132.63 5.64 -16.25	111.25 3.52 -21.96	92.83 3.22 -12.81	69.10 2.83 -6.17	59.92 3.26 -1.44	54.10 3.06 0.00
PGE MADISON___WINDPWR 24146	41.76 4.21 -0.59	38.23 3.47 -0.39	36.63 2.94 -0.31	33.59 2.45 -0.13	35.30 2.75 -0.23	36.75 3.10 -0.30	38.22 3.50 -0.38	42.52 4.18 -0.64	51.50 4.28 -6.49	58.13 5.12 -6.49	68.18 6.11 -6.49	78.30 7.46 -6.49	82.61 8.40 -6.49	88.48 9.11 -6.49	91.28 9.67 -3.58	99.15 10.17 -4.18	128.33 13.03 -7.54	155.47 16.22 -10.49	142.26 15.72 -15.80	116.55 13.03 -17.75	99.77 11.52 -11.46	75.32 9.01 -6.20	64.94 6.85 -2.87	58.79 6.07 -1.68

PIERCEFIELD___HYD 23852	35.81 -1.40 -0.25	33.44 -1.10 -0.17	32.71 -0.80 -0.13	30.36 -0.71 -0.06	31.75 -0.68 -0.10	32.84 -0.63 -0.13	33.61 -0.89 -0.17	36.73 -1.24 -0.28	41.73 -1.79 -2.79	47.13 -2.19 -2.79	55.87 -2.50 -2.79	63.85 -3.28 -2.79	66.79 -3.73 -2.79	71.08 -4.59 -2.79	74.10 -5.46 -1.54	80.55 -6.02 -1.77	103.49 -6.68 -2.42	123.85 -7.47 -2.56	106.49 -6.76 -2.50	82.54 -5.06 -1.83	73.81 -4.53 -1.54	58.20 -2.95 -1.03	53.81 -2.26 -0.86	49.77 -1.99 -0.72
PINELAWN_CC_1 323563	40.88 3.92 -0.01	37.88 3.51 -0.01	36.22 2.84 0.00	33.81 2.79 0.00	35.01 2.68 0.00	36.02 2.67 0.00	37.88 3.54 -0.01	41.59 3.88 -0.01	45.30 4.56 -0.01	51.04 4.51 0.00	64.97 5.17 -4.22	75.41 5.41 -5.66	77.29 5.69 -3.88	81.48 6.34 -2.25	87.65 7.10 -2.52	103.06 7.37 -10.89	129.13 9.15 -12.22	156.08 10.94 -16.38	141.45 9.08 -21.62	120.31 5.49 -29.04	97.92 5.22 -15.90	85.14 5.05 -19.98	74.48 5.52 -13.74	67.19 5.21 -10.94
PJM_GEN_HTTP_PROXY 323702	39.69 2.73 0.00	36.77 2.40 0.00	35.25 1.87 0.00	32.94 1.92 0.00	34.20 1.87 0.00	35.11 1.77 0.00	36.81 2.47 0.00	40.41 2.72 0.00	43.95 3.22 0.00	49.88 3.35 0.00	59.08 3.50 0.00	67.76 3.41 0.00	71.31 3.59 0.00	77.04 4.15 0.00	82.87 4.84 0.00	90.42 5.51 -0.11	117.91 7.00 -3.16	144.08 7.86 -7.46	133.19 5.98 -16.47	111.72 3.69 -22.26	93.16 3.38 -12.99	71.07 3.00 -7.96	58.56 3.59 0.25	54.51 3.47 0.00
PJM_GEN_KEystone 24065	35.53 1.26 2.69	31.48 0.76 3.64	29.10 0.30 4.58	27.39 0.22 3.84	27.41 0.26 5.18	28.22 0.27 5.39	30.53 0.72 4.53	33.07 1.05 5.68	36.26 1.14 5.61	40.36 1.49 7.65	45.97 1.72 11.34	52.88 2.06 13.53	60.36 2.64 10.01	67.99 2.84 7.73	74.96 3.28 6.35	85.20 3.22 2.83	110.23 3.45 0.97	126.11 3.74 6.38	119.45 4.21 -4.50	98.63 3.52 -9.34	79.62 2.69 -0.14	63.39 1.98 -1.30	50.44 1.71 6.49	39.12 1.74 13.66
PJM_GEN_NEPTUNE_PROXY 323594	40.22 3.25 -0.01	37.30 2.92 -0.01	35.68 2.30 0.00	33.34 2.33 0.00	34.53 2.20 0.00	35.48 2.14 0.00	37.23 2.88 -0.01	40.90 3.20 -0.01	44.57 3.83 -0.01	50.25 3.72 0.00	63.91 4.11 -4.22	74.25 4.25 -5.66	76.00 4.40 -3.87	79.20 4.96 -1.36	83.73 5.69 -0.01	93.04 6.02 -2.22	118.14 7.22 -3.17	144.85 8.63 -7.46	131.38 6.98 -13.65	111.99 3.95 -22.27	93.55 3.76 -12.99	80.97 3.73 -17.13	71.67 4.42 -12.03	65.29 4.23 -10.01
PJM_GEN_VFT_PROXY 323633	39.51 2.55 0.00	36.53 2.17 0.00	35.02 1.64 0.00	32.75 1.74 0.00	33.98 1.65 0.00	34.92 1.57 0.00	36.60 2.27 0.00	40.18 2.49 0.00	43.70 2.97 0.00	43.99 2.98 5.51	45.22 3.00 13.36	45.32 2.90 21.93	45.95 2.98 24.75	47.15 3.50 29.24	48.23 4.05 33.85	48.22 4.66 41.24	75.12 6.03 38.67	90.97 6.69 44.47	50.82 4.99 64.90	47.38 2.83 41.21	47.74 2.69 31.75	47.66 2.47 14.92	44.10 3.15 14.27	44.74 3.06 9.36
PLATSBURG_115KV_PMLD1 355749	36.26 -0.70 0.00	33.89 -0.48 0.00	33.18 -0.20 0.00	30.80 -0.22 0.00	32.23 -0.10 0.00	33.31 -0.03 0.00	34.09 -0.24 0.00	37.43 -0.26 0.00	40.49 -0.24 0.00	45.22 -1.30 0.00	54.19 -1.39 0.00	62.42 -1.93 0.00	65.56 -2.17 0.00	69.90 -2.99 0.00	73.11 -4.92 0.00	79.21 -5.60 0.00	101.51 -6.25 0.00	121.93 -6.82 0.00	104.21 -6.53 0.00	80.88 -4.89 0.00	72.65 -4.15 0.00	58.25 -1.86 0.00	53.89 -1.33 0.00	49.66 -1.38 0.00
PLEASANTVLY___LBMP 24000	39.21 2.25 0.00	36.33 1.96 0.00	35.02 1.64 0.00	32.66 1.64 0.00	33.95 1.62 0.00	34.92 1.57 0.00	36.26 1.92 0.00	39.96 2.26 0.00	43.26 2.53 0.00	49.22 2.70 0.00	58.36 2.78 0.00	67.18 2.83 0.00	71.07 2.98 -0.36	77.08 3.57 -0.63	83.93 4.21 -1.68	91.76 4.58 -2.37	121.50 5.60 -8.14	147.29 6.31 -12.22	136.41 4.87 -20.79	113.04 3.09 -24.18	95.92 2.92 -16.21	70.53 2.64 -7.77	59.82 3.04 -1.56	53.95 2.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.58 2.62 0.00	36.57 2.20 0.00	35.22 1.84 0.00	32.87 1.86 0.00	34.17 1.84 0.00	35.12 1.77 0.00	36.53 2.20 0.00	40.33 2.64 0.00	43.75 3.01 0.00	49.78 3.26 0.00	58.97 3.39 0.00	67.82 3.47 0.00	71.39 3.66 0.00	77.26 4.37 0.00	83.10 5.07 0.00	90.31 5.51 0.00	117.94 7.00 -3.18	144.14 7.85 -7.53	133.56 6.20 -16.61	112.17 3.95 -22.45	93.58 3.69 -13.10	69.54 3.13 -6.31	60.28 3.59 -1.47	54.41 3.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.58 2.62 0.00	36.57 2.20 0.00	35.22 1.84 0.00	32.87 1.86 0.00	34.17 1.84 0.00	35.12 1.77 0.00	36.53 2.20 0.00	40.33 2.64 0.00	43.75 3.01 0.00	49.78 3.26 0.00	58.97 3.39 0.00	67.82 3.47 0.00	71.39 3.66 0.00	77.26 4.37 0.00	83.10 5.07 0.00	90.31 5.51 0.00	117.94 7.00 -3.18	144.14 7.85 -7.53	133.56 6.20 -16.61	112.17 3.95 -22.45	93.58 3.69 -13.10	69.54 3.13 -6.31	60.28 3.59 -1.47	54.41 3.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.62 2.66 0.00	36.64 2.27 0.00	35.28 1.90 0.00	32.91 1.89 0.00	34.20 1.88 0.00	35.18 1.83 0.00	36.53 2.20 0.00	40.22 2.53 0.00	43.62 2.89 0.00	49.64 3.12 0.00	58.97 3.39 0.00	67.95 3.60 0.00	72.00 3.93 -0.35	78.00 4.52 -0.60	85.02 5.38 -1.61	92.93 5.85 -2.27	123.27 7.33 -8.18	149.76 8.37 -12.64	139.58 6.87 -21.98	116.26 4.55 -25.95	98.17 4.22 -17.15	71.88 3.55 -8.23	60.65 3.75 -1.68	54.46 3.42 0.00
POLETTI_____ 23519	39.73 2.77 0.00	36.60 2.23 0.00	35.22 1.84 0.00	32.91 1.89 0.00	34.17 1.84 0.00	35.08 1.73 0.00	36.60 2.27 0.00	40.45 2.75 0.00	43.87 3.14 0.00	49.83 3.30 0.00	58.86 3.28 0.00	67.57 3.22 0.00	70.98 3.25 0.00	76.75 3.86 0.00	82.63 4.60 0.00	89.81 5.00 0.00	117.38 6.47 -3.16	143.56 7.34 -7.46	132.75 5.54 -16.47	111.29 3.26 -22.26	92.86 3.07 -12.99	69.13 2.77 -6.25	60.16 3.48 -1.46	54.41 3.37 0.00
POMONA___ESR 323819	39.14 2.18 0.00	36.36 1.99 0.00	34.92 1.54 0.00	32.59 1.58 0.00	33.88 1.55 0.00	34.81 1.47 0.00	36.32 1.99 0.00	39.77 2.07 0.00	43.26 2.53 0.00	49.13 2.60 0.00	58.36 2.78 0.00	67.18 2.83 0.00	70.78 3.05 0.00	76.46 3.57 0.00	82.16 4.13 0.00	89.66 4.75 -0.11	116.68 5.92 -3.00	142.41 6.56 -7.09	131.60 5.21 -15.65	110.01 3.08 -21.15	91.98 2.84 -12.34	68.58 2.52 -5.94	59.53 2.92 -1.39	53.80 2.75 0.00
PORT_JEFF_3 23555	41.18 4.21 -0.01	38.16 3.78 -0.01	36.45 3.07 0.00	34.05 3.04 0.00	35.24 2.91 0.00	36.25 2.90 0.00	38.15 3.81 -0.01	41.85 4.15 -0.01	45.67 4.93 -0.01	51.32 4.79 0.00	65.41 5.61 -4.22	76.00 5.99 -5.67	77.75 6.10 -3.92	94.65 6.34 -15.42	124.51 6.94 -39.54	230.43 7.03 -138.59	261.97 8.62 -145.59	286.80 10.30 -147.74	244.54 8.53 -125.28	219.58 4.97 -128.84	140.29 4.84 -58.65	101.58 4.93 -36.54	74.92 5.91 -13.79	76.56 5.67 -19.85
PORT_JEFF_4 23616	41.18 4.21 -0.01	38.16 3.78 -0.01	36.45 3.07 0.00	34.05 3.04 0.00	35.24 2.91 0.00	36.25 2.90 0.00	38.15 3.81 -0.01	41.85 4.15 -0.01	45.67 4.93 -0.01	51.32 4.79 0.00	65.41 5.61 -4.22	76.00 5.99 -5.67	77.75 6.10 -3.92	94.65 6.34 -15.42	124.51 6.94 -39.54	230.43 7.03 -138.59	261.97 8.62 -145.59	286.80 10.30 -147.74	244.54 8.53 -125.28	219.58 4.97 -128.84	140.29 4.84 -58.65	101.58 4.93 -36.54	74.92 5.91 -13.79	76.56 5.67 -19.85

PORT_JEFF_IC 23713	41.28 4.32 0.00	38.08 3.71 0.00	36.65 3.27 0.00	34.18 3.16 0.00	35.40 3.07 0.00	36.32 2.97 0.00	38.08 3.74 0.00	41.99 4.30 0.00	45.74 5.01 0.00	51.50 4.98 0.00	65.58 5.78 -4.22	76.26 6.24 -5.67	77.89 6.23 -3.93	97.10 6.63 -17.58	130.80 7.18 -45.59	251.38 7.21 -159.37	284.63 9.48 -167.40	308.54 10.56 -169.22	261.56 8.53 -142.30	235.91 4.97 -145.16	147.28 4.84 -65.65	103.25 5.11 -38.03	75.15 6.13 -13.80	78.28 5.87 -21.36
PPL PILGRIM_ST_GT1 24216	41.25 4.29 -0.01	38.26 3.88 -0.01	36.52 3.14 0.00	34.11 3.10 0.00	35.34 3.01 0.00	36.31 2.97 0.00	38.22 3.88 -0.01	41.96 4.26 -0.01	45.79 5.05 -0.01	51.46 4.93 0.00	65.58 5.78 -4.22	76.19 6.18 -5.66	77.91 6.30 -3.88	83.96 6.85 -4.22	93.65 7.57 -8.06	121.82 7.03 -29.99	148.65 8.72 -32.17	175.21 10.42 -36.03	156.30 8.64 -36.92	134.80 5.06 -43.97	104.46 5.37 -22.29	109.95 5.53 -44.31	74.99 6.02 -13.75	68.97 5.67 -12.26
PPL PILGRIM_ST_GT2 24217	41.25 4.29 -0.01	38.26 3.88 -0.01	36.52 3.14 0.00	34.11 3.10 0.00	35.34 3.01 0.00	36.31 2.97 0.00	38.22 3.88 -0.01	41.96 4.26 -0.01	45.79 5.05 -0.01	51.46 4.93 0.00	65.58 5.78 -4.22	76.19 6.18 -5.66	77.91 6.30 -3.88	83.96 6.85 -4.22	93.65 7.57 -8.06	121.82 7.03 -29.99	148.65 8.72 -32.17	175.21 10.42 -36.03	156.30 8.64 -36.92	134.80 5.06 -43.97	104.46 5.37 -22.29	109.95 5.53 -44.31	74.99 6.02 -13.75	68.97 5.67 -12.26
PPL_SHRM_GT3 24213	41.11 4.14 -0.01	38.09 3.71 -0.01	36.39 3.01 0.00	33.96 2.95 0.00	35.17 2.85 0.00	36.15 2.80 0.00	38.09 3.74 -0.01	41.74 4.04 -0.01	45.58 4.84 -0.01	51.18 4.65 0.00	65.36 5.56 -4.22	76.00 5.99 -5.67	77.81 6.16 -3.92	95.39 6.78 -15.72	125.98 7.57 -40.38	234.36 8.06 -141.50	266.18 9.80 -148.62	291.32 11.84 -150.72	248.24 9.85 -127.65	222.88 6.00 -131.10	142.26 5.83 -59.62	102.55 5.59 -36.85	75.03 6.02 -13.79	76.82 5.72 -20.07
PPL_SHRM_GT4 24214	41.11 4.14 -0.01	38.09 3.71 -0.01	36.39 3.01 0.00	33.96 2.95 0.00	35.17 2.85 0.00	36.15 2.80 0.00	38.09 3.74 -0.01	41.74 4.04 -0.01	45.58 4.84 -0.01	51.18 4.65 0.00	65.36 5.56 -4.22	76.00 5.99 -5.67	77.81 6.16 -3.92	95.39 6.78 -15.72	125.98 7.57 -40.38	234.36 8.06 -141.50	266.18 9.80 -148.62	291.32 11.84 -150.72	248.24 9.85 -127.65	222.88 6.00 -131.10	142.26 5.83 -59.62	102.55 5.59 -36.85	75.03 6.02 -13.79	76.82 5.72 -20.07
PROJECT___ORANGE 1 24174	37.97 0.18 -0.83	34.88 -0.03 -0.55	33.61 -0.20 -0.43	30.88 -0.31 -0.18	32.39 -0.26 -0.32	33.61 -0.17 -0.42	34.84 -0.03 -0.54	38.74 0.15 -0.90	49.94 0.12 -9.08	55.93 0.33 -9.08	65.22 0.56 -9.08	74.33 0.90 -9.08	78.03 1.22 -9.08	83.28 1.31 -9.08	84.60 1.56 -5.01	92.08 1.53 -5.75	117.14 1.51 -7.88	138.65 1.55 -8.35	120.89 1.99 -8.15	93.54 1.80 -5.96	83.28 1.46 -5.02	64.50 1.02 -3.37	58.56 0.55 -2.79	53.85 0.46 -2.35
PROJECT___ORANGE 2 24166	37.97 0.18 -0.83	34.88 -0.03 -0.55	33.61 -0.20 -0.43	30.88 -0.31 -0.18	32.39 -0.26 -0.32	33.61 -0.17 -0.42	34.84 -0.03 -0.54	38.74 0.15 -0.90	49.94 0.12 -9.08	55.93 0.33 -9.08	65.22 0.56 -9.08	74.33 0.90 -9.08	78.03 1.22 -9.08	83.28 1.31 -9.08	84.60 1.56 -5.01	92.08 1.53 -5.75	117.14 1.51 -7.88	138.65 1.55 -8.35	120.89 1.99 -8.15	93.54 1.80 -5.96	83.28 1.46 -5.02	64.50 1.02 -3.37	58.56 0.55 -2.79	53.85 0.46 -2.35
PUCKETT___SOLAR 323809	39.28 1.77 -0.54	36.07 1.34 -0.36	34.66 1.00 -0.28	31.91 0.78 -0.12	33.44 0.90 -0.21	34.69 1.07 -0.28	36.03 1.34 -0.35	39.98 1.70 -0.59	48.28 1.59 -5.96	54.48 2.00 -5.96	63.87 2.33 -5.96	73.21 2.90 -5.96	77.14 3.45 -5.96	82.63 3.79 -5.96	85.52 4.21 -3.29	92.87 4.24 -3.83	119.49 4.96 -6.77	144.22 6.18 -9.28	131.23 6.76 -13.73	106.93 5.91 -15.24	91.77 5.07 -9.91	69.35 3.85 -5.39	60.72 2.92 -2.57	55.24 2.65 -1.54
PYRITES___HYD 24023	36.27 -0.92 -0.23	33.87 -0.65 -0.15	33.17 -0.33 -0.12	30.75 -0.31 -0.05	32.19 -0.23 -0.09	33.33 -0.13 -0.12	34.14 -0.34 -0.15	37.34 -0.60 -0.25	42.36 -0.94 -2.56	47.88 -1.21 -2.56	56.86 -1.28 -2.56	65.11 -1.80 -2.56	68.26 -2.03 -2.56	72.53 -2.92 -2.56	75.70 -3.75 -1.41	82.10 -4.32 -1.62	105.45 -4.53 -2.22	126.35 -4.76 -2.36	108.72 -4.32 -2.30	84.45 -3.00 -1.68	75.53 -2.69 -1.42	59.44 -1.62 -0.95	54.57 -1.44 -0.79	50.38 -1.33 -0.66
QUAKERRD_115KV_BK1 80622	36.81 -0.15 0.00	33.71 -0.65 0.00	32.38 -1.00 0.00	29.87 -1.15 0.00	31.29 -1.03 0.00	32.38 -0.97 0.00	33.61 -0.72 0.00	37.05 -0.64 0.00	40.37 -0.37 0.00	46.57 0.05 0.00	56.14 0.56 0.00	65.57 1.22 0.00	69.76 2.03 0.00	74.78 1.90 0.00	79.98 1.95 0.00	86.58 1.78 0.00	109.05 1.29 0.00	130.04 1.29 0.00	113.51 2.77 0.00	88.95 3.17 0.00	79.02 2.23 0.00	61.43 1.32 0.00	55.55 0.33 0.00	51.45 0.41 0.00
QUENSBRY_115KV_TB8 356137	39.77 2.81 0.00	36.88 2.51 0.00	35.55 2.17 0.00	33.03 2.02 0.00	34.30 1.97 0.00	35.42 2.07 0.00	36.70 2.37 0.00	40.29 2.60 0.00	43.75 3.01 0.00	49.60 3.07 0.00	59.14 3.56 0.00	69.05 4.70 0.00	75.43 4.47 -3.24	84.38 5.90 -5.59	99.69 6.63 -15.03	114.13 8.14 -21.18	196.41 10.13 -78.52	264.01 12.23 -123.02	337.97 10.85 -216.38	351.75 8.58 -257.40	253.34 7.60 -168.94	146.81 5.65 -81.05	76.73 4.86 -16.65	55.33 4.29 0.00
RAMAPO___LBMP 323565	39.07 2.11 0.00	36.16 1.79 0.00	34.85 1.47 0.00	32.53 1.52 0.00	33.78 1.45 0.00	34.75 1.40 0.00	36.09 1.75 0.00	39.80 2.11 0.00	43.09 2.36 0.00	49.04 2.51 0.00	58.14 2.56 0.00	66.92 2.57 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.93 3.90 0.00	89.04 4.24 0.00	116.02 5.28 -2.98	141.73 5.92 -7.05	130.85 4.54 -15.57	109.56 2.74 -21.04	91.61 2.53 -12.28	68.37 2.34 -5.91	59.42 2.82 -1.38	53.65 2.60 0.00
RANKINE____ 23646	38.03 1.07 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.18 -0.84 0.00	31.68 -0.65 0.00	32.85 -0.50 0.00	34.13 -0.21 0.00	37.69 0.00 0.00	41.47 0.73 0.00	48.06 1.54 0.00	58.19 2.61 0.00	68.08 3.73 0.00	73.15 5.42 0.00	78.06 5.17 0.00	83.26 5.23 0.00	89.89 5.09 0.00	112.50 4.74 0.00	133.52 4.76 0.00	117.94 7.20 0.00	93.15 7.38 0.00	82.33 5.53 0.00	63.66 3.55 0.00	57.21 1.99 0.00	53.44 2.40 0.00
RAVENSWOOD_GT2_1 24244	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.92 3.33 0.00	67.63 3.28 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.63 4.60 0.00	89.81 5.00 0.00	117.38 6.47 -3.16	143.56 7.34 -7.46	132.75 5.54 -16.47	111.29 3.26 -22.26	92.94 3.15 -12.99	69.25 2.89 -6.25	60.21 3.53 -1.46	54.46 3.42 0.00
RAVENSWOOD_GT2_2 24245	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.92 3.33 0.00	67.63 3.28 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.63 4.60 0.00	89.81 5.00 0.00	117.38 6.47 -3.16	143.56 7.34 -7.46	132.75 5.54 -16.47	111.29 3.26 -22.26	92.94 3.15 -12.99	69.25 2.89 -6.25	60.21 3.53 -1.46	54.46 3.42 0.00

RAVENSWOOD_GT2_3 24246	39.81 2.85 0.00	36.70 2.34 0.00	35.28 1.90 0.00	33.00 1.98 0.00	34.24 1.91 0.00	35.18 1.83 0.00	36.67 2.33 0.00	40.52 2.83 0.00	43.95 3.22 0.00	49.97 3.44 0.00	58.97 3.39 0.00	67.69 3.35 0.00	71.11 3.39 0.00	76.82 3.94 0.00	82.71 4.68 0.00	89.89 5.09 0.00	117.49 6.57 -3.16	143.69 7.47 -7.46	132.86 5.65 -16.47	111.38 3.35 -22.26	92.94 3.15 -12.99	69.31 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT2_4 24247	39.81 2.85 0.00	36.70 2.34 0.00	35.28 1.90 0.00	33.00 1.98 0.00	34.24 1.91 0.00	35.18 1.83 0.00	36.67 2.33 0.00	40.52 2.83 0.00	43.95 3.22 0.00	49.97 3.44 0.00	58.97 3.39 0.00	67.69 3.35 0.00	71.11 3.39 0.00	76.82 3.94 0.00	82.71 4.68 0.00	89.89 5.09 0.00	117.49 6.57 -3.16	143.69 7.47 -7.46	132.86 5.65 -16.47	111.38 3.35 -22.26	92.94 3.15 -12.99	69.31 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT3_1 24248	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.67 2.33 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.63 3.28 0.00	71.05 3.32 0.00	76.82 3.94 0.00	82.63 4.60 0.00	89.89 5.09 0.00	117.38 6.47 -3.16	143.56 7.34 -7.46	132.75 5.54 -16.47	111.38 3.35 -22.26	92.94 3.15 -12.99	69.25 2.89 -6.25	60.21 3.53 -1.46	54.46 3.42 0.00
RAVENSWOOD_GT3_2 24249	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.67 2.33 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.63 3.28 0.00	71.05 3.32 0.00	76.82 3.94 0.00	82.63 4.60 0.00	89.89 5.09 0.00	117.38 6.47 -3.16	143.56 7.34 -7.46	132.75 5.54 -16.47	111.38 3.35 -22.26	92.94 3.15 -12.99	69.25 2.89 -6.25	60.21 3.53 -1.46	54.46 3.42 0.00
RAVENSWOOD_GT3_3 24250	39.88 2.92 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.27 1.94 0.00	35.22 1.87 0.00	36.70 2.37 0.00	40.56 2.86 0.00	44.03 3.30 0.00	50.02 3.49 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.25 3.52 0.00	76.97 4.08 0.00	82.87 4.84 0.00	90.06 5.26 0.00	117.70 6.79 -3.16	143.95 7.73 -7.46	133.08 5.87 -16.47	111.55 3.52 -22.26	93.09 3.30 -12.99	69.37 3.01 -6.25	60.32 3.64 -1.46	54.56 3.52 0.00
RAVENSWOOD_GT3_4 24251	39.88 2.92 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.27 1.94 0.00	35.22 1.87 0.00	36.70 2.37 0.00	40.56 2.86 0.00	44.03 3.30 0.00	50.02 3.49 0.00	59.08 3.50 0.00	67.82 3.47 0.00	71.25 3.52 0.00	76.97 4.08 0.00	82.87 4.84 0.00	90.06 5.26 0.00	117.70 6.79 -3.16	143.95 7.73 -7.46	133.08 5.87 -16.47	111.55 3.52 -22.26	93.09 3.30 -12.99	69.37 3.01 -6.25	60.32 3.64 -1.46	54.56 3.52 0.00
RAVENSWOOD_GT_1 23729	39.95 2.99 0.00	36.77 2.41 0.00	35.39 2.00 0.00	33.06 2.05 0.00	34.33 2.00 0.00	35.22 1.87 0.00	36.74 2.40 0.00	40.63 2.94 0.00	44.07 3.34 0.00	50.06 3.54 0.00	58.80 3.22 0.00	66.06 3.09 1.38	67.22 3.12 3.62	68.37 3.64 8.16	74.67 4.37 7.73	83.08 4.75 6.47	110.06 6.14 3.84	127.56 6.95 8.15	79.83 5.20 36.12	74.49 3.00 14.29	82.85 2.84 -3.21	69.00 2.64 -6.25	60.10 3.42 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_10 24258	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.54 3.35 0.16	70.70 3.39 0.42	75.88 3.94 0.94	82.05 4.68 0.66	89.18 5.09 0.71	116.68 6.57 -2.35	141.76 7.34 -5.66	127.24 5.65 -10.85	107.42 3.35 -18.30	91.81 3.15 -11.86	69.25 2.89 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_11 24259	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.54 3.35 0.16	70.70 3.39 0.42	75.88 3.94 0.94	82.05 4.68 0.66	89.18 5.09 0.71	116.68 6.57 -2.35	141.76 7.34 -5.66	127.24 5.65 -10.85	107.42 3.35 -18.30	91.81 3.15 -11.86	69.25 2.89 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_4 24252	39.77 2.81 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	59.03 3.45 0.00	66.71 3.41 1.05	68.43 3.45 2.76	70.68 4.01 6.22	76.91 4.76 5.88	85.05 5.17 4.93	112.27 6.68 2.17	131.93 7.60 4.42	92.93 5.76 23.57	83.64 3.43 5.57	85.57 3.23 -5.54	69.30 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_5 24254	39.77 2.81 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	59.03 3.45 0.00	66.71 3.41 1.05	68.43 3.45 2.76	70.68 4.01 6.22	76.91 4.76 5.88	85.05 5.17 4.93	112.27 6.68 2.17	131.93 7.60 4.42	92.93 5.76 23.57	83.64 3.43 5.57	85.57 3.23 -5.54	69.30 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_6 24253	39.77 2.81 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	59.03 3.45 0.00	66.71 3.41 1.05	68.43 3.45 2.76	70.68 4.01 6.22	76.91 4.76 5.88	85.05 5.17 4.93	112.27 6.68 2.17	131.93 7.60 4.42	92.93 5.76 23.57	83.64 3.43 5.57	85.57 3.23 -5.54	69.30 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_7 24255	39.77 2.81 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	59.03 3.45 0.00	66.71 3.41 1.05	68.43 3.45 2.76	70.68 4.01 6.22	76.91 4.76 5.88	85.05 5.17 4.93	112.27 6.68 2.17	131.93 7.60 4.42	92.93 5.76 23.57	83.64 3.43 5.57	85.57 3.23 -5.54	69.30 2.95 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.54 3.35 0.16	70.70 3.39 0.42	75.88 3.94 0.94	82.05 4.68 0.66	89.18 5.09 0.71	116.68 6.57 -2.35	141.76 7.34 -5.66	127.24 5.65 -10.85	107.42 3.35 -18.30	91.81 3.15 -11.86	69.25 2.89 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00
RAVENSWOOD_GT_9 24257	39.81 2.85 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.97 1.95 0.00	34.24 1.91 0.00	35.15 1.80 0.00	36.63 2.30 0.00	40.48 2.79 0.00	43.95 3.22 0.00	49.92 3.40 0.00	58.97 3.39 0.00	67.54 3.35 0.16	70.70 3.39 0.42	75.88 3.94 0.94	82.05 4.68 0.66	89.18 5.09 0.71	116.68 6.57 -2.35	141.76 7.34 -5.66	127.24 5.65 -10.85	107.42 3.35 -18.30	91.81 3.15 -11.86	69.25 2.89 -6.25	60.27 3.59 -1.46	54.51 3.47 0.00

RAVENSWOOD___1 23533	39.88 2.92 0.00	36.88 2.51 0.00	35.32 1.94 0.00	33.03 2.01 0.00	34.30 1.97 0.00	35.18 1.83 0.00	36.84 2.51 0.00	40.48 2.79 0.00	44.03 3.30 0.00	49.92 3.39 0.00	58.75 3.17 0.00	65.78 3.03 1.59	66.66 3.12 4.18	67.09 3.64 9.44	70.93 4.21 11.31	81.87 4.83 7.76	108.97 6.14 4.93	124.99 6.82 10.58	67.09 5.21 48.86	66.22 3.00 22.55	81.32 2.84 -1.68	69.00 2.64 -6.25	60.05 3.37 -1.46	54.51 3.47 0.00
RAVENSWOOD___2 23534	39.81 2.85 0.00	36.77 2.40 0.00	35.25 1.87 0.00	32.94 1.92 0.00	34.20 1.87 0.00	35.08 1.73 0.00	36.77 2.44 0.00	40.41 2.72 0.00	43.91 3.18 0.00	49.83 3.30 0.00	58.58 3.00 0.00	65.19 2.44 1.60	66.03 2.51 4.20	66.40 2.99 9.47	70.14 3.51 11.41	81.08 4.07 7.80	107.97 5.17 4.96	123.77 5.66 10.65	65.75 4.21 49.20	65.14 2.15 22.78	80.59 2.15 -1.64	68.46 2.10 -6.25	59.88 3.20 -1.46	54.46 3.42 0.00
RAVENSWOOD___3 23535	39.77 2.81 0.00	36.77 2.40 0.00	35.25 1.87 0.00	32.94 1.92 0.00	34.20 1.87 0.00	35.11 1.77 0.00	36.77 2.44 0.00	40.41 2.72 0.00	43.95 3.22 0.00	49.83 3.30 0.00	58.97 3.39 0.00	67.69 3.34 0.00	71.18 3.45 0.00	76.82 3.93 0.00	82.55 4.52 0.00	90.09 5.17 -0.11	117.49 6.57 -3.16	143.56 7.34 -7.46	132.86 5.64 -16.47	111.38 3.34 -22.26	92.94 3.15 -12.99	69.25 2.89 -6.25	60.22 3.54 -1.46	54.51 3.47 0.00
RAVENSWOOD___4 23820	39.84 2.88 0.00	36.84 2.48 0.00	35.28 1.90 0.00	33.00 1.99 0.00	34.27 1.94 0.00	35.15 1.80 0.00	36.84 2.51 0.00	40.44 2.75 0.00	43.99 3.26 0.00	49.88 3.35 0.00	58.75 3.17 0.00	65.56 3.03 1.81	66.09 3.12 4.76	65.73 3.57 10.73	67.30 4.21 14.94	80.37 4.75 9.18	107.75 6.03 6.03	122.52 6.82 13.06	54.06 5.10 61.78	57.75 2.92 30.94	79.69 2.76 -0.13	68.94 2.58 -6.25	60.05 3.37 -1.46	54.46 3.42 0.00
RCPL_TRUST___DRP 24196	39.84 2.88 0.00	36.70 2.34 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.22 1.87 0.00	36.74 2.40 0.00	40.60 2.90 0.00	44.07 3.34 0.00	50.11 3.58 0.00	59.19 3.61 0.00	67.95 3.60 0.00	71.45 3.73 0.00	77.26 4.37 0.00	83.18 5.15 0.00	90.40 5.60 0.00	118.13 7.22 -3.16	144.33 8.11 -7.46	133.41 6.20 -16.47	111.81 3.77 -22.26	93.32 3.53 -12.99	69.49 3.13 -6.25	60.44 3.75 -1.46	54.62 3.57 0.00
RED___ROCHESTER 323720	38.14 1.18 0.00	34.75 0.38 0.00	33.28 -0.10 0.00	30.64 -0.37 0.00	32.14 -0.19 0.00	33.25 -0.10 0.00	34.54 0.21 0.00	38.56 0.87 0.00	41.55 0.81 0.00	48.20 1.67 0.00	58.02 2.44 0.00	67.89 3.54 0.00	72.27 4.54 0.00	77.55 4.67 0.00	83.26 5.23 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.42 5.66 0.00	117.61 6.87 0.00	92.72 6.94 0.00	81.86 5.07 0.00	63.66 3.55 0.00	57.43 2.21 0.00	53.14 2.09 0.00
REGAN___SOLAR 323812	42.95 5.99 0.00	39.76 5.40 0.00	38.12 4.74 0.00	35.39 4.37 0.00	36.79 4.46 0.00	38.02 4.67 0.00	39.48 5.15 0.00	43.16 5.46 0.00	46.80 6.07 0.00	53.55 7.03 0.00	63.70 8.11 0.00	74.13 9.78 0.00	80.21 10.77 -1.71	87.73 11.88 -2.96	99.17 13.19 -7.95	112.16 15.01 -12.35	181.46 18.97 -54.74	249.38 24.34 -96.28	317.23 23.15 -183.34	333.54 18.52 -229.24	236.68 16.20 -143.68	141.16 12.02 -69.02	80.18 10.05 -14.91	59.82 8.78 0.00
RENSSELAER___COGEN 23796	38.29 1.33 0.00	35.74 1.38 0.00	34.52 1.14 0.00	32.19 1.18 0.00	33.43 1.10 0.00	34.41 1.07 0.00	35.64 1.30 0.00	38.98 1.28 0.00	42.07 1.34 0.00	47.88 1.35 0.00	56.91 1.33 0.00	65.83 1.48 0.00	57.85 1.42 11.30	55.17 1.82 19.53	27.57 2.03 52.48	14.14 2.63 73.29	-18.82 2.69 129.27	44.50 2.83 87.09	113.42 2.21 -0.46	210.09 1.46 -122.86	84.58 1.54 -6.25	65.52 1.38 -4.02	65.86 1.77 -8.88	52.72 1.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.32 5.36 0.00	39.21 4.85 0.00	37.65 4.27 0.00	34.95 3.94 0.00	36.21 3.88 0.00	37.48 4.14 0.00	38.90 4.57 0.00	42.63 4.94 0.00	46.43 5.70 0.00	52.90 6.37 0.00	63.08 7.50 0.00	74.39 10.04 0.00	81.19 10.16 -3.31	90.70 12.10 -5.71	106.73 13.34 -15.35	121.79 15.35 -21.64	206.53 19.50 -79.27	275.89 23.69 -123.44	348.00 21.15 -216.11	359.13 17.07 -256.29	260.46 14.98 -168.69	152.09 11.06 -80.92	81.07 9.28 -16.57	59.21 8.17 0.00
REVERE_CPPR_DRP 24186	39.63 2.25 -0.42	36.50 1.86 -0.28	35.20 1.60 -0.22	32.47 1.36 -0.09	33.98 1.49 -0.16	35.20 1.63 -0.21	36.43 1.82 -0.27	40.29 2.15 -0.45	47.59 2.28 -4.58	53.85 2.75 -4.58	63.50 3.33 -4.58	72.98 4.05 -4.58	76.91 4.61 -4.58	82.42 4.96 -4.58	85.70 5.15 -2.53	93.22 5.51 -2.90	118.73 7.00 -3.97	141.73 8.76 -4.21	123.05 8.19 -4.11	95.39 6.60 -3.01	85.24 5.91 -2.53	66.56 4.75 -1.70	60.27 3.64 -1.40	55.49 3.27 -1.19
REYNOLDS_115KV_TB3 80639	38.66 1.70 0.00	35.95 1.58 0.00	34.78 1.40 0.00	32.41 1.40 0.00	33.69 1.36 0.00	34.68 1.33 0.00	35.85 1.51 0.00	39.35 1.66 0.00	42.44 1.71 0.00	48.34 1.81 0.00	57.47 1.89 0.00	66.54 2.19 0.00	78.68 2.24 -8.71	90.64 2.70 -15.06	121.54 3.04 -40.47	145.40 3.56 -57.03	247.60 3.99 -135.85	285.81 4.38 -152.67	302.71 3.54 -188.43	248.65 2.49 -160.39	223.22 2.38 -144.05	130.78 2.10 -68.57	67.43 2.32 -9.89	53.24 2.19 0.00
RIVERBAY___ 323610	40.55 3.59 -0.01	37.33 2.96 -0.01	35.89 2.50 -0.01	33.56 2.54 -0.01	34.86 2.52 -0.01	35.72 2.37 -0.01	37.22 2.88 0.00	41.01 3.32 0.00	44.32 3.58 0.00	50.39 3.86 0.00	59.36 3.78 0.00	68.20 3.86 0.01	71.65 3.93 0.01	77.40 4.52 0.01	83.40 5.38 0.01	90.65 5.85 0.01	118.45 7.54 -3.15	144.97 8.76 -7.45	133.96 6.76 -16.47	112.32 4.29 -22.25	93.77 3.99 -12.98	69.90 3.55 -6.25	61.00 4.31 -1.47	55.34 4.29 -0.01
RIVERSIDE_115KV_TB3 55908	38.55 1.59 0.00	35.88 1.51 0.00	34.68 1.30 0.00	32.35 1.33 0.00	33.59 1.26 0.00	34.58 1.23 0.00	35.74 1.41 0.00	39.24 1.55 0.00	42.32 1.59 0.00	48.25 1.72 0.00	57.30 1.72 0.00	66.34 1.99 0.00	73.77 2.03 -4.01	82.30 2.48 -6.93	99.54 2.89 -18.63	114.45 3.39 -26.26	185.76 3.66 -74.34	230.92 3.99 -98.17	262.36 3.32 -148.30	245.02 2.23 -157.02	193.87 2.23 -114.85	116.97 1.92 -54.94	67.38 2.15 -10.01	53.08 2.04 0.00
ROARING___BROOK_WT_PWR 323790	36.37 -0.59 0.00	33.82 -0.55 0.00	32.91 -0.47 0.00	30.58 -0.43 0.00	31.88 -0.45 0.00	32.88 -0.47 0.00	33.82 -0.51 0.00	37.20 -0.49 0.00	40.28 -0.45 0.00	46.02 -0.51 0.00	55.08 -0.50 0.00	63.70 -0.64 0.00	66.98 -0.74 0.00	72.01 -0.87 0.00	76.94 -1.09 0.00	83.62 -1.19 0.00	106.47 -1.29 0.00	127.34 -1.41 0.00	109.42 -1.32 0.00	84.75 -1.03 0.00	75.80 -1.00 0.00	59.33 -0.78 0.00	54.45 -0.77 0.00	50.28 -0.76 0.00
ROCHESRG_115KV_T4 355643	37.44 0.48 0.00	34.23 -0.14 0.00	32.81 -0.57 0.00	30.24 -0.78 0.00	31.68 -0.65 0.00	32.81 -0.53 0.00	34.06 -0.27 0.00	37.51 -0.19 0.00	40.94 0.20 0.00	47.27 0.74 0.00	57.08 1.50 0.00	66.60 2.25 0.00	71.05 3.32 0.00	76.02 3.13 0.00	81.31 3.28 0.00	87.94 3.14 0.00	110.66 2.91 0.00	131.72 2.96 0.00	115.28 4.54 0.00	90.58 4.80 0.00	80.41 3.61 0.00	62.45 2.34 0.00	56.43 1.21 0.00	52.37 1.33 0.00

ROCHESTER_9_IC 23652	37.70 0.74 0.00	34.47 0.10 0.00	33.05 -0.33 0.00	30.42 -0.59 0.00	31.91 -0.42 0.00	33.01 -0.33 0.00	34.30 -0.03 0.00	37.77 0.08 0.00	41.30 0.57 0.00	47.69 1.16 0.00	57.58 2.00 0.00	67.24 2.90 0.00	71.72 4.00 0.00	76.82 3.94 0.00	82.09 4.06 0.00	88.79 3.99 0.00	111.74 3.99 0.00	133.14 4.38 0.00	116.50 5.76 0.00	91.52 5.75 0.00	81.17 4.38 0.00	63.12 3.01 0.00	56.93 1.71 0.00	52.78 1.74 0.00
ROCKVIEW_13_KV_LD 356306	39.77 2.81 0.00	36.74 2.37 0.00	35.35 1.97 0.00	33.00 1.98 0.00	34.30 1.97 0.00	35.25 1.90 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	50.06 3.54 0.00	59.30 3.72 0.00	68.14 3.80 0.00	71.72 4.00 0.00	77.62 4.74 0.00	83.49 5.46 0.00	90.74 5.94 0.00	118.46 7.54 -3.16	144.85 8.63 -7.46	134.08 6.87 -16.47	112.41 4.37 -22.26	93.86 4.07 -12.99	69.79 3.43 -6.25	60.55 3.87 -1.46	54.67 3.62 0.00
ROME____115KV_TB2 80656	39.63 2.25 -0.42	36.50 1.86 -0.28	35.20 1.60 -0.22	32.47 1.36 -0.09	33.98 1.49 -0.16	35.20 1.63 -0.21	36.43 1.82 -0.27	40.29 2.15 -0.45	47.59 2.28 -4.58	53.85 2.75 -4.58	63.50 3.33 -4.58	72.98 4.05 -4.58	76.91 4.61 -4.58	82.42 4.96 -4.58	85.70 5.15 -2.53	93.22 5.51 -2.90	118.73 7.00 -3.97	141.73 8.76 -4.21	123.05 8.19 -4.11	95.39 6.60 -3.01	85.24 5.91 -2.53	66.56 4.75 -1.70	60.27 3.64 -1.40	55.49 3.27 -1.19
ROSETON____1 23587	39.03 2.07 0.00	36.26 1.89 0.00	34.85 1.47 0.00	32.53 1.52 0.00	33.82 1.49 0.00	34.75 1.40 0.00	36.26 1.92 0.00	39.69 2.00 0.00	43.09 2.36 0.00	48.99 2.46 0.00	58.19 2.61 0.00	66.99 2.64 0.00	70.57 2.84 0.00	76.24 3.35 0.00	81.85 3.82 0.00	89.15 4.24 -0.11	115.99 5.17 -3.06	141.80 5.80 -7.24	131.27 4.54 -15.99	110.20 2.83 -21.60	92.09 2.69 -12.61	68.59 2.41 -6.07	59.51 2.87 -1.42	53.80 2.75 0.00
ROSETON____2 23588	39.03 2.07 0.00	36.26 1.89 0.00	34.85 1.47 0.00	32.53 1.52 0.00	33.82 1.49 0.00	34.75 1.40 0.00	36.26 1.92 0.00	39.69 2.00 0.00	43.09 2.36 0.00	48.99 2.46 0.00	58.19 2.61 0.00	66.99 2.64 0.00	70.57 2.84 0.00	76.24 3.35 0.00	81.85 3.82 0.00	89.15 4.24 -0.11	115.99 5.17 -3.06	141.80 5.80 -7.24	131.27 4.54 -15.99	110.20 2.83 -21.60	92.09 2.69 -12.61	68.59 2.41 -6.07	59.51 2.87 -1.42	53.80 2.75 0.00
ROTTDAM_115KV_TB3 80664	38.66 1.70 0.00	35.91 1.55 0.00	34.72 1.34 0.00	32.28 1.27 0.00	33.59 1.26 0.00	34.65 1.30 0.00	35.81 1.48 0.00	39.31 1.62 0.00	42.48 1.75 0.00	48.43 1.91 0.00	57.64 2.06 0.00	66.79 2.45 0.00	72.38 2.57 -2.07	79.53 3.06 -3.59	91.18 3.51 -9.64	102.37 3.99 -13.58	178.47 4.63 -66.08	250.36 5.54 -116.07	336.44 4.87 -220.83	365.35 3.60 -275.98	253.23 3.38 -173.05	145.95 2.70 -83.13	75.77 2.60 -17.95	53.44 2.40 0.00
RUSSELL____1 23602	37.96 1.00 0.00	34.68 0.31 0.00	33.21 -0.17 0.00	30.58 -0.43 0.00	32.07 -0.26 0.00	33.18 -0.17 0.00	34.47 0.14 0.00	38.00 0.30 0.00	41.55 0.81 0.00	48.02 1.49 0.00	58.03 2.45 0.00	67.76 3.41 0.00	72.33 4.61 0.00	77.48 4.59 0.00	82.87 4.84 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.17 5.41 0.00	117.50 6.76 0.00	92.29 6.52 0.00	81.87 5.07 0.00	63.66 3.55 0.00	57.37 2.15 0.00	53.13 2.09 0.00
RUSSELL____2 23532	37.96 1.00 0.00	34.68 0.31 0.00	33.21 -0.17 0.00	30.58 -0.43 0.00	32.07 -0.26 0.00	33.18 -0.17 0.00	34.47 0.14 0.00	38.00 0.30 0.00	41.55 0.81 0.00	48.02 1.49 0.00	58.03 2.45 0.00	67.76 3.41 0.00	72.33 4.61 0.00	77.48 4.59 0.00	82.87 4.84 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.17 5.41 0.00	117.50 6.76 0.00	92.29 6.52 0.00	81.87 5.07 0.00	63.66 3.55 0.00	57.37 2.15 0.00	53.13 2.09 0.00
RUSSELL____3 23549	37.96 1.00 0.00	34.68 0.31 0.00	33.21 -0.17 0.00	30.58 -0.43 0.00	32.07 -0.26 0.00	33.18 -0.17 0.00	34.47 0.14 0.00	38.00 0.30 0.00	41.55 0.81 0.00	48.02 1.49 0.00	58.03 2.45 0.00	67.76 3.41 0.00	72.33 4.61 0.00	77.48 4.59 0.00	82.87 4.84 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.17 5.41 0.00	117.50 6.76 0.00	92.29 6.52 0.00	81.87 5.07 0.00	63.66 3.55 0.00	57.37 2.15 0.00	53.13 2.09 0.00
RUSSELL____4 23556	37.96 1.00 0.00	34.68 0.31 0.00	33.21 -0.17 0.00	30.58 -0.43 0.00	32.07 -0.26 0.00	33.18 -0.17 0.00	34.47 0.14 0.00	38.00 0.30 0.00	41.55 0.81 0.00	48.02 1.49 0.00	58.03 2.45 0.00	67.76 3.41 0.00	72.33 4.61 0.00	77.48 4.59 0.00	82.87 4.84 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.17 5.41 0.00	117.50 6.76 0.00	92.29 6.52 0.00	81.87 5.07 0.00	63.66 3.55 0.00	57.37 2.15 0.00	53.13 2.09 0.00
RUSSELL____STATION 23914	37.96 1.00 0.00	34.68 0.31 0.00	33.21 -0.17 0.00	30.58 -0.43 0.00	32.07 -0.26 0.00	33.18 -0.17 0.00	34.47 0.14 0.00	38.00 0.30 0.00	41.55 0.81 0.00	48.02 1.49 0.00	58.03 2.45 0.00	67.76 3.41 0.00	72.33 4.61 0.00	77.48 4.59 0.00	82.87 4.84 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.17 5.41 0.00	117.50 6.76 0.00	92.29 6.52 0.00	81.87 5.07 0.00	63.66 3.55 0.00	57.37 2.15 0.00	53.13 2.09 0.00
S SALMON____HYD 24043	39.28 0.37 -1.95	35.80 0.14 -1.30	34.37 -0.03 -1.02	31.28 -0.15 -0.42	33.02 -0.06 -0.75	34.38 0.03 -1.00	35.78 0.17 -1.27	40.08 0.27 -2.12	62.28 0.08 -21.47	68.23 0.23 -21.47	77.33 0.28 -21.47	86.01 0.19 -21.47	89.67 0.48 -21.47	94.79 0.44 -21.47	90.49 0.62 -11.84	98.66 0.26 -13.60	126.26 -0.11 -18.62	148.37 -0.13 -19.74	130.68 0.67 -19.27	101.07 1.20 -14.10	89.59 0.92 -11.87	69.39 1.32 -7.96	62.58 0.77 -6.58	57.16 0.56 -5.55
S.PERRY__115KV_TB1 80734	38.03 1.07 0.00	34.68 0.31 0.00	33.18 -0.20 0.00	30.49 -0.53 0.00	32.04 -0.29 0.00	33.28 -0.07 0.00	34.51 0.17 0.00	37.84 0.15 0.00	40.89 0.16 0.00	46.99 0.47 0.00	56.47 0.89 0.00	64.03 -0.32 0.00	68.13 0.41 0.00	72.96 0.07 0.00	77.87 -0.16 0.00	84.38 -0.42 0.00	106.46 -1.29 0.00	127.21 -1.55 0.00	112.96 2.21 0.00	90.23 4.46 0.00	80.41 3.61 0.00	62.33 2.22 0.00	57.98 2.76 0.00	53.49 2.45 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.59 0.63 0.00	33.99 -0.38 0.00	32.48 -0.90 0.00	29.80 -1.21 0.00	31.29 -1.03 0.00	32.45 -0.90 0.00	33.72 -0.62 0.00	37.13 -0.57 0.00	40.85 0.12 0.00	47.32 0.79 0.00	57.30 1.72 0.00	67.12 2.77 0.00	71.99 4.27 0.00	76.75 3.86 0.00	81.85 3.82 0.00	88.36 3.56 0.00	110.56 2.80 0.00	131.33 2.58 0.00	115.95 5.20 0.00	91.78 6.00 0.00	81.10 4.30 0.00	62.76 2.64 0.00	56.43 1.21 0.00	52.78 1.74 0.00
SAWYER____23_KV_LOAD 55526	37.59 0.63 0.00	33.99 -0.38 0.00	32.48 -0.90 0.00	29.80 -1.21 0.00	31.29 -1.03 0.00	32.45 -0.90 0.00	33.72 -0.62 0.00	37.13 -0.57 0.00	40.85 0.12 0.00	47.32 0.79 0.00	57.30 1.72 0.00	67.12 2.77 0.00	71.99 4.27 0.00	76.75 3.86 0.00	81.85 3.82 0.00	88.36 3.56 0.00	110.56 2.80 0.00	131.33 2.58 0.00	115.95 5.20 0.00	91.78 6.00 0.00	81.10 4.30 0.00	62.76 2.64 0.00	56.43 1.21 0.00	52.78 1.74 0.00

SELKIRK___I 23801	38.58 1.62 0.00	36.02 1.65 0.00	34.78 1.40 0.00	32.41 1.40 0.00	33.69 1.36 0.00	34.68 1.34 0.00	35.84 1.51 0.00	39.16 1.47 0.00	42.20 1.46 0.00	47.97 1.44 0.00	56.97 1.39 0.00	65.96 1.61 0.00	63.51 1.28 5.50	65.05 1.68 9.51	54.34 1.87 25.55	51.74 2.46 35.52	52.08 2.58 58.25	100.39 2.96 31.33	138.08 2.65 -24.68	180.70 2.06 -92.87	101.20 2.07 -22.33	73.22 1.87 -11.24	63.98 2.26 -6.49	53.19 2.14 0.00
SELKIRK___II 23799	38.33 1.37 0.00	35.74 1.38 0.00	34.52 1.14 0.00	32.16 1.15 0.00	33.43 1.10 0.00	34.41 1.07 0.00	35.64 1.30 0.00	38.98 1.28 0.00	42.07 1.34 0.00	47.92 1.39 0.00	56.97 1.39 0.00	65.89 1.54 0.00	62.30 1.02 6.45	63.12 1.38 11.14	49.73 1.64 29.94	45.18 2.03 41.65	40.30 2.04 69.50	91.02 1.93 39.67	134.52 1.44 -22.34	186.55 0.86 -99.91	98.77 1.00 -20.97	71.87 1.08 -10.68	64.06 1.82 -7.02	52.78 1.74 0.00
SENECA OSWGO___HYD 24041	39.63 -0.07 -2.75	35.95 -0.24 -1.82	34.41 -0.40 -1.43	31.11 -0.50 -0.60	32.97 -0.42 -1.06	34.39 -0.37 -1.41	35.88 -0.24 -1.79	40.52 -0.15 -2.98	70.62 -0.28 -30.17	76.56 -0.14 -30.17	85.64 -0.11 -30.17	94.58 0.06 -30.17	98.17 0.27 -30.17	103.42 0.37 -30.17	95.28 0.62 -16.63	104.34 0.43 -19.11	134.13 0.22 -26.16	156.63 0.13 -27.75	138.60 0.78 -27.08	106.62 1.03 -19.81	94.17 0.69 -16.68	71.78 0.48 -11.19	64.58 0.11 -9.25	58.85 0.00 -7.81
SENECA___115KV_TB3 355854	38.11 1.15 0.00	34.44 0.07 0.00	32.95 -0.43 0.00	30.21 -0.81 0.00	31.75 -0.58 0.00	32.91 -0.43 0.00	34.20 -0.14 0.00	37.77 0.08 0.00	41.55 0.81 0.00	48.15 1.63 0.00	58.30 2.72 0.00	68.27 3.93 0.00	73.35 5.62 0.00	78.28 5.39 0.00	83.41 5.38 0.00	90.06 5.26 0.00	112.71 4.96 0.00	133.91 5.15 0.00	118.16 7.42 0.00	93.41 7.63 0.00	82.48 5.68 0.00	63.84 3.73 0.00	57.32 2.10 0.00	53.54 2.50 0.00
SENECA___ENERGY 23797	38.75 0.70 -1.09	35.34 0.24 -0.73	33.85 -0.10 -0.57	30.97 -0.28 -0.24	32.62 -0.13 -0.42	33.94 0.03 -0.56	35.35 0.31 -0.71	39.67 0.79 -1.19	53.30 0.57 -12.00	59.60 1.07 -12.00	69.03 1.44 -12.00	78.47 2.12 -12.00	82.44 2.71 -12.00	87.73 2.84 -12.00	87.92 3.28 -6.62	95.29 2.88 -7.60	120.86 2.69 -10.41	143.01 3.22 -11.04	125.72 4.21 -10.77	98.11 4.46 -7.88	87.04 3.61 -6.64	67.09 2.52 -4.45	60.44 1.54 -3.68	55.42 1.28 -3.11
SHOEMAKER___GT 23640	38.84 1.88 0.00	36.12 1.75 0.00	34.72 1.34 0.00	32.38 1.36 0.00	33.66 1.33 0.00	34.65 1.30 0.00	36.05 1.72 0.00	39.47 1.77 0.00	42.81 2.08 0.00	48.67 2.14 0.00	57.91 2.33 0.00	66.73 2.38 0.00	70.37 2.64 0.00	76.02 3.13 0.00	81.62 3.59 0.00	88.97 4.07 -0.10	115.60 5.07 -2.78	140.86 5.53 -6.57	129.79 4.54 -14.51	108.46 3.08 -19.60	91.15 2.92 -11.44	68.08 2.47 -5.51	59.21 2.71 -1.29	53.54 2.50 0.00
SHOEMAKR_138KV_BK 111 55601	38.88 1.92 0.00	35.98 1.62 0.00	34.72 1.34 0.00	32.38 1.36 0.00	33.65 1.33 0.00	34.61 1.27 0.00	35.91 1.58 0.00	39.50 1.81 0.00	42.81 2.08 0.00	48.71 2.19 0.00	57.92 2.33 0.00	66.73 2.38 0.00	70.30 2.57 0.00	75.95 3.06 0.00	81.62 3.59 0.00	88.70 3.90 0.00	115.36 4.85 -2.75	140.67 5.41 -6.51	129.53 4.43 -14.36	108.01 2.83 -19.41	90.81 2.69 -11.33	67.97 2.40 -5.45	59.14 2.65 -1.27	53.49 2.45 0.00
SHOREHAM_IC_1 23715	41.11 4.14 -0.01	38.09 3.71 -0.01	36.39 3.01 0.00	33.96 2.95 0.00	35.17 2.85 0.00	36.15 2.80 0.00	38.09 3.74 -0.01	41.74 4.04 -0.01	45.58 4.84 -0.01	51.18 4.65 0.00	65.36 5.56 -4.22	76.00 5.99 -5.67	77.81 6.16 -3.92	95.39 6.78 -15.72	125.98 7.57 -40.38	234.36 8.06 -141.50	266.18 9.80 -148.62	291.32 11.84 -150.72	248.24 9.85 -127.65	222.88 6.00 -131.10	142.26 5.83 -59.62	102.55 5.59 -36.85	75.03 6.02 -13.79	76.82 5.72 -20.07
SHOREHAM_IC_2 23716	41.11 4.14 -0.01	38.09 3.71 -0.01	36.39 3.01 0.00	33.96 2.95 0.00	35.17 2.85 0.00	36.15 2.80 0.00	38.09 3.74 -0.01	41.74 4.04 -0.01	45.58 4.84 -0.01	51.18 4.65 0.00	65.36 5.56 -4.22	76.00 5.99 -5.67	77.81 6.16 -3.92	95.39 6.78 -15.72	125.98 7.57 -40.38	234.36 8.06 -141.50	266.18 9.80 -148.62	291.32 11.84 -150.72	248.24 9.85 -127.65	222.88 6.00 -131.10	142.26 5.83 -59.62	102.55 5.59 -36.85	75.03 6.02 -13.79	76.82 5.72 -20.07
SISSONVILLE____ 23735	35.81 -1.40 -0.25	33.44 -1.10 -0.17	32.71 -0.80 -0.13	30.36 -0.71 -0.06	31.75 -0.68 -0.10	32.84 -0.63 -0.13	33.61 -0.89 -0.17	36.73 -1.24 -0.28	41.73 -1.79 -2.79	47.13 -2.19 -2.79	55.87 -2.50 -2.79	63.85 -3.28 -2.79	66.79 -3.73 -2.79	71.08 -4.59 -2.79	74.10 -5.46 -1.54	80.55 -6.02 -1.77	103.49 -6.68 -2.42	123.85 -7.47 -2.56	106.49 -6.76 -2.50	82.54 -5.06 -1.83	73.81 -4.53 -1.54	58.20 -2.95 -1.03	53.81 -2.26 -0.86	49.77 -1.99 -0.72
SITHE_IND_GS1 24169	28.22 -0.78 7.96	28.22 -0.86 5.29	28.26 -0.97 4.15	28.29 -0.99 1.73	28.29 -0.97 3.07	28.29 -0.97 4.09	28.29 -0.86 5.19	28.22 -0.83 8.64	-47.79 -1.02 87.50	-42.00 -1.02 87.50	-33.09 -1.17 87.50	-24.31 -1.16 87.50	-20.86 -1.09 87.50	-15.79 -1.17 87.50	28.77 -1.02 48.24	28.10 -1.27 55.43	29.94 -1.94 75.88	45.83 -2.45 80.47	30.53 -1.66 78.55	27.38 -0.94 57.45	27.41 -1.00 48.39	26.82 -0.84 32.45	27.39 -0.99 26.84	27.43 -0.97 22.64
SITHE_IND_GS2 24170	28.22 -0.78 7.96	28.22 -0.86 5.29	28.26 -0.97 4.15	28.29 -0.99 1.73	28.29 -0.97 3.07	28.29 -0.97 4.09	28.29 -0.86 5.19	28.22 -0.83 8.64	-47.79 -1.02 87.50	-42.00 -1.02 87.50	-33.09 -1.17 87.50	-24.31 -1.16 87.50	-20.86 -1.09 87.50	-15.79 -1.17 87.50	28.77 -1.02 48.24	28.10 -1.27 55.43	29.94 -1.94 75.88	45.83 -2.45 80.47	30.53 -1.66 78.55	27.38 -0.94 57.45	27.41 -1.00 48.39	26.82 -0.84 32.45	27.39 -0.99 26.84	27.43 -0.97 22.64
SITHE_IND_GS3 24171	28.22 -0.78 7.96	28.22 -0.86 5.29	28.26 -0.97 4.15	28.29 -0.99 1.73	28.29 -0.97 3.07	28.29 -0.97 4.09	28.29 -0.86 5.19	28.22 -0.83 8.64	-47.79 -1.02 87.50	-42.00 -1.02 87.50	-33.09 -1.17 87.50	-24.31 -1.16 87.50	-20.86 -1.09 87.50	-15.79 -1.17 87.50	28.77 -1.02 48.24	28.10 -1.27 55.43	29.94 -1.94 75.88	45.83 -2.45 80.47	30.53 -1.66 78.55	27.38 -0.94 57.45	27.41 -1.00 48.39	26.82 -0.84 32.45	27.39 -0.99 26.84	27.43 -0.97 22.64
SITHE_IND_GS4 24172	28.22 -0.78 7.96	28.22 -0.86 5.29	28.26 -0.97 4.15	28.29 -0.99 1.73	28.29 -0.97 3.07	28.29 -0.97 4.09	28.29 -0.86 5.19	28.22 -0.83 8.64	-47.79 -1.02 87.50	-42.00 -1.02 87.50	-33.09 -1.17 87.50	-24.31 -1.16 87.50	-20.86 -1.09 87.50	-15.79 -1.17 87.50	28.77 -1.02 48.24	28.10 -1.27 55.43	29.94 -1.94 75.88	45.83 -2.45 80.47	30.53 -1.66 78.55	27.38 -0.94 57.45	27.41 -1.00 48.39	26.82 -0.84 32.45	27.39 -0.99 26.84	27.43 -0.97 22.64
SITHE___BATAVIA 24024	38.81 1.85 0.00	35.05 0.69 0.00	33.45 0.07 0.00	30.70 -0.31 0.00	32.23 -0.10 0.00	33.41 0.07 0.00	34.71 0.38 0.00	38.98 1.28 0.00	41.79 1.06 0.00	48.67 2.14 0.00	58.64 3.05 0.00	68.78 4.44 0.00	73.62 5.89 0.00	78.72 5.83 0.00	84.50 6.47 0.00	90.40 5.60 0.00	113.79 6.03 0.00	135.71 6.95 0.00	119.82 9.08 0.00	95.04 9.27 0.00	83.56 6.76 0.00	64.80 4.69 0.00	58.03 2.81 0.00	53.95 2.91 0.00

SITHE___INDEPEND 23800	28.18 -0.81 7.96	28.18 -0.89 5.29	28.23 -1.00 4.15	28.29 -0.99 1.73	28.29 -0.97 3.07	28.29 -0.97 4.09	28.25 -0.89 5.19	28.14 -0.90 8.64	-47.79 -1.02 87.50	-42.00 -1.02 87.50	-33.09 -1.17 87.50	-24.31 -1.16 87.50	-20.79 -1.02 87.50	-15.78 -1.17 87.50	28.69 -1.09 48.24	28.10 -1.27 55.43	29.94 -1.94 75.88	45.84 -2.45 80.47	30.53 -1.66 78.55	27.29 -1.03 57.45	27.41 -1.00 48.39	26.82 -0.84 32.45	27.33 -1.05 26.84	27.43 -0.97 22.64
SITHE___MASSENA 23902	35.63 -1.33 0.00	33.30 -1.07 0.00	32.71 -0.67 0.00	30.42 -0.59 0.00	31.75 -0.58 0.00	32.78 -0.57 0.00	33.34 -1.00 0.00	36.60 -1.09 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.91 -1.67 0.00	62.29 -2.06 0.00	65.22 -2.50 0.00	69.68 -3.21 0.00	74.05 -3.98 0.00	80.48 -4.32 0.00	103.23 -4.52 0.00	123.86 -4.89 0.00	105.98 -4.76 0.00	82.17 -3.60 0.00	73.65 -3.15 0.00	57.89 -2.22 0.00	53.23 -1.99 0.00	49.21 -1.84 0.00
SITHE___OGDNSBRG 24021	36.04 -0.92 0.00	33.75 -0.62 0.00	33.08 -0.30 0.00	30.73 -0.28 0.00	32.10 -0.23 0.00	33.18 -0.17 0.00	33.92 -0.41 0.00	37.02 -0.68 0.00	39.75 -0.98 0.00	45.27 -1.26 0.00	54.19 -1.39 0.00	62.55 -1.80 0.00	65.70 -2.03 0.00	69.97 -2.92 0.00	74.36 -3.67 0.00	80.65 -4.16 0.00	103.55 -4.20 0.00	124.25 -4.51 0.00	106.75 -3.99 0.00	83.03 -2.74 0.00	74.34 -2.46 0.00	58.55 -1.56 0.00	53.78 -1.44 0.00	49.72 -1.33 0.00
SITHE___STERLING 23777	39.26 1.85 -0.45	36.18 1.51 -0.30	34.88 1.27 -0.23	32.17 1.06 -0.10	33.66 1.16 -0.17	34.88 1.30 -0.23	36.10 1.48 -0.29	39.95 1.77 -0.49	47.50 1.83 -4.94	53.74 2.28 -4.94	63.30 2.78 -4.94	72.56 3.28 -4.94	76.39 3.72 -4.94	81.90 4.08 -4.94	85.12 4.37 -2.72	92.51 4.58 -3.13	117.74 5.71 -4.28	140.25 6.95 -4.54	121.82 6.64 -4.43	94.51 5.49 -3.24	84.37 4.84 -2.73	65.85 3.90 -1.83	59.77 3.04 -1.51	54.97 2.65 -1.28
SLEIGHT___34_KV_TB1 80719	37.78 0.52 -0.30	34.57 0.00 -0.20	33.21 -0.33 -0.16	30.52 -0.56 -0.07	32.06 -0.39 -0.12	33.24 -0.27 -0.16	34.53 0.00 -0.20	38.25 0.23 -0.33	44.56 0.49 -3.34	50.89 1.02 -3.34	60.64 1.72 -3.34	70.20 2.51 -3.34	74.39 3.32 -3.34	79.58 3.35 -3.34	83.46 3.59 -1.84	90.48 3.56 -2.12	114.31 3.66 -2.90	135.95 4.12 -3.07	118.83 5.09 -3.00	92.77 4.80 -2.19	82.48 3.84 -1.85	63.93 2.58 -1.24	57.68 1.44 -1.02	53.23 1.33 -0.86
SOUTH CAIRO___GT 23612	39.92 2.96 0.00	37.12 2.75 0.00	35.78 2.40 0.00	33.37 2.36 0.00	34.62 2.30 0.00	35.72 2.37 0.00	36.91 2.58 0.00	40.29 2.60 0.00	43.34 2.61 0.00	49.18 2.65 0.00	58.42 2.83 0.00	67.76 3.41 5.83	65.55 3.66 5.83	67.18 4.37 10.08	56.09 5.15 27.09	52.56 5.94 38.18	51.56 7.44 63.63	100.39 9.27 37.64	135.31 8.19 -16.38	176.92 5.92 -85.23	98.20 5.45 -15.95	72.58 4.27 -8.20	65.43 4.20 -6.01	54.87 3.83 0.00
SOUTH HAMPTN___IC 23720	41.88 4.92 -0.01	38.81 4.44 -0.01	37.05 3.67 0.00	34.58 3.57 0.00	35.79 3.46 0.00	36.82 3.47 0.00	38.77 4.43 -0.01	42.53 4.83 -0.01	46.52 5.78 -0.01	52.34 5.82 0.00	66.86 7.06 -4.22	77.80 7.78 -5.67	79.84 8.19 -3.92	97.11 9.11 -15.12	126.78 10.07 -38.68	231.20 10.77 -135.63	263.06 12.82 -142.49	288.76 15.31 -144.69	246.44 12.84 -122.86	220.61 8.32 -126.52	142.44 7.99 -57.66	103.71 7.21 -36.39	76.41 7.40 -13.79	77.62 6.94 -19.64
SOUTHDOW___115KV_TB1 355954	39.03 2.07 0.00	35.19 0.82 0.00	33.61 0.23 0.00	30.83 -0.19 0.00	32.39 0.06 0.00	33.71 0.37 0.00	35.19 0.86 0.00	39.28 1.58 0.00	43.05 2.32 0.00	49.97 3.44 0.00	60.69 5.11 0.00	70.78 6.43 0.00	76.19 8.47 0.00	81.49 8.60 0.00	86.85 8.82 0.00	93.71 8.90 0.00	117.24 9.48 0.00	139.19 10.43 0.00	122.81 12.07 0.00	96.75 10.98 0.00	85.48 8.68 0.00	66.24 6.13 0.00	59.42 4.20 0.00	55.18 4.13 0.00
SOUTHOLD_69_KV_BK 2 55809	42.76 5.80 0.00	39.45 5.09 0.00	37.92 4.54 0.00	35.32 4.31 0.00	36.60 4.27 0.00	37.55 4.20 0.00	39.42 5.08 0.00	43.42 5.73 0.00	47.53 6.80 0.00	53.64 7.12 0.00	68.41 8.62 -4.22	79.73 9.72 -5.67	81.88 10.23 -3.92	99.45 11.44 -15.13	129.44 12.72 -38.69	234.13 13.74 -135.59	265.30 14.98 -142.56	290.26 16.74 -144.76	247.73 14.06 -122.92	221.53 9.18 -126.58	144.93 10.44 -57.68	105.65 9.14 -36.40	77.95 8.95 -13.79	78.96 8.27 -19.65
SOUTHOLD___IC 23719	42.77 5.80 -0.01	39.57 5.19 -0.01	37.79 4.41 0.00	35.23 4.22 0.00	36.50 4.17 0.00	37.52 4.17 0.00	39.56 5.22 -0.01	43.39 5.69 -0.01	47.54 6.80 -0.01	53.55 7.03 0.00	68.42 8.62 -4.22	79.67 9.65 -5.67	81.94 10.29 -3.92	99.52 11.51 -15.13	129.37 12.64 -38.70	234.24 13.74 -135.70	264.44 14.11 -142.57	290.38 16.86 -144.76	247.84 14.18 -122.92	221.53 9.18 -126.58	145.00 10.52 -57.68	105.64 9.13 -36.40	77.95 8.94 -13.79	78.96 8.27 -19.65
SOUTH_FORK_WT_PWR 323839	42.88 5.91 -0.01	39.70 5.33 -0.01	37.92 4.54 0.00	35.35 4.34 0.00	36.63 4.30 0.00	37.65 4.30 0.00	39.70 5.35 -0.01	43.54 5.84 -0.01	47.70 6.96 -0.01	53.78 7.26 0.00	68.69 8.89 -4.22	80.05 10.03 -5.67	82.35 10.70 -3.92	99.96 11.95 -15.12	129.75 13.03 -38.69	234.62 14.16 -135.66	266.02 15.73 -142.53	292.28 18.80 -144.72	249.46 15.83 -122.89	222.78 10.46 -126.54	145.30 10.83 -57.67	105.88 9.37 -36.39	78.18 9.17 -13.79	79.16 8.48 -19.64
SPIERFLS_115KV_TB 1 80737	39.47 2.51 0.00	36.60 2.23 0.00	35.28 1.90 0.00	32.81 1.80 0.00	34.07 1.75 0.00	35.18 1.83 0.00	36.43 2.09 0.00	39.99 2.30 0.00	43.38 2.65 0.00	49.18 2.65 0.00	58.58 3.00 0.00	68.34 3.99 0.00	74.63 3.73 -3.18	83.48 5.10 -5.50	98.57 5.77 -14.76	112.82 7.21 -20.81	194.61 8.94 -77.91	262.25 10.82 -122.68	336.86 9.52 -216.60	351.64 7.55 -258.32	252.62 6.68 -169.14	146.25 4.99 -81.15	76.30 4.36 -16.71	54.87 3.83 0.00
ST LAWRENCE____ 23600	35.63 -1.33 0.00	33.23 -1.13 0.00	32.65 -0.73 0.00	30.33 -0.68 0.00	31.65 -0.68 0.00	32.68 -0.67 0.00	33.27 -1.06 0.00	36.53 -1.17 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.91 -1.67 0.00	62.35 -2.00 0.00	65.36 -2.37 0.00	70.04 -2.84 0.00	74.52 -3.51 0.00	81.07 -3.73 0.00	103.77 -3.98 0.00	124.38 -4.38 0.00	106.53 -4.21 0.00	82.51 -3.26 0.00	73.88 -2.92 0.00	57.89 -2.22 0.00	53.18 -2.04 0.00	49.15 -1.89 0.00
STATE_CA_115KV_115_LB 55624	38.59 1.63 0.00	35.91 1.55 0.00	34.72 1.34 0.00	32.38 1.36 0.00	33.62 1.29 0.00	34.61 1.27 0.00	35.78 1.44 0.00	39.28 1.58 0.00	42.36 1.63 0.00	48.29 1.77 0.00	57.42 1.83 0.00	66.54 2.19 0.00	71.51 2.17 -1.62	78.38 2.70 -2.80	88.58 3.04 -7.51	99.04 3.65 -10.59	157.07 3.99 -45.33	209.00 4.38 -75.87	254.28 3.65 -139.89	259.80 2.49 -171.54	188.72 2.46 -109.46	114.71 2.04 -52.56	68.62 2.26 -11.13	53.13 2.09 0.00
STATE_ST_34_KV_LOAD 55959	38.97 0.74 -1.27	35.59 0.38 -0.84	34.18 0.13 -0.66	31.26 -0.03 -0.28	32.91 0.10 -0.49	34.20 0.20 -0.65	35.54 0.38 -0.83	39.75 0.68 -1.38	55.39 0.73 -13.92	61.56 1.12 -13.92	71.06 1.56 -13.92	80.46 2.19 -13.92	84.29 2.64 -13.92	89.58 2.77 -13.92	88.83 3.12 -7.68	96.76 3.14 -8.82	123.17 3.34 -12.07	145.55 3.99 -12.80	127.78 4.54 -12.50	98.95 4.03 -9.14	88.03 3.53 -7.70	67.80 2.52 -5.16	61.15 1.66 -4.27	56.02 1.38 -3.60

STATION 5_MISC_HYD 23604	37.92 0.96 0.00	34.54 0.17 0.00	33.11 -0.27 0.00	30.49 -0.53 0.00	31.97 -0.35 0.00	33.08 -0.27 0.00	34.37 0.03 0.00	38.33 0.64 0.00	41.30 0.57 0.00	47.88 1.35 0.00	57.58 2.00 0.00	67.37 3.03 0.00	71.72 3.99 0.00	76.89 4.01 0.00	82.55 4.52 0.00	88.79 3.99 0.00	111.85 4.09 0.00	133.39 4.63 0.00	116.72 5.98 0.00	91.95 6.18 0.00	81.25 4.45 0.00	63.11 3.00 0.00	56.99 1.77 0.00	52.78 1.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.28 1.00 -0.32	35.00 0.41 -0.22	33.58 0.03 -0.17	30.87 -0.22 -0.07	32.42 -0.03 -0.13	33.61 0.10 -0.17	34.96 0.41 -0.21	38.72 0.68 -0.35	45.31 1.02 -3.56	51.72 1.63 -3.56	61.65 2.50 -3.56	71.39 3.47 -3.56	75.76 4.47 -3.56	81.04 4.59 -3.56	84.83 4.84 -1.96	91.89 4.83 -2.26	116.02 5.17 -3.09	137.96 5.92 -3.28	120.80 6.87 -3.20	94.46 6.35 -2.34	83.91 5.15 -1.97	65.04 3.61 -1.32	58.58 2.26 -1.09	54.01 2.04 -0.92
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.48 0.52 0.00	34.30 -0.07 0.00	32.88 -0.50 0.00	30.30 -0.71 0.00	31.75 -0.58 0.00	32.88 -0.47 0.00	34.13 -0.21 0.00	37.62 -0.08 0.00	41.10 0.37 0.00	47.50 0.98 0.00	57.36 1.78 0.00	66.99 2.64 0.00	71.39 3.66 0.00	76.46 3.57 0.00	81.85 3.82 0.00	88.53 3.73 0.00	111.53 3.77 0.00	132.75 3.99 0.00	116.17 5.43 0.00	91.09 5.32 0.00	80.87 4.07 0.00	62.82 2.70 0.00	56.66 1.44 0.00	52.47 1.43 0.00
STA_56____34_KV_BUS2 355983	37.48 0.52 0.00	34.30 -0.07 0.00	32.88 -0.50 0.00	30.30 -0.71 0.00	31.75 -0.58 0.00	32.88 -0.47 0.00	34.13 -0.21 0.00	37.62 -0.08 0.00	41.10 0.37 0.00	47.50 0.98 0.00	57.36 1.78 0.00	66.99 2.64 0.00	71.39 3.66 0.00	76.46 3.57 0.00	81.85 3.82 0.00	88.53 3.73 0.00	111.53 3.77 0.00	132.75 3.99 0.00	116.17 5.43 0.00	91.09 5.32 0.00	80.87 4.07 0.00	62.82 2.70 0.00	56.66 1.44 0.00	52.47 1.43 0.00
STA_67____115KV_BK2 355882	37.59 0.63 0.00	34.37 0.00 0.00	32.95 -0.43 0.00	30.33 -0.68 0.00	31.81 -0.52 0.00	32.95 -0.40 0.00	34.20 -0.14 0.00	37.66 -0.04 0.00	41.14 0.41 0.00	47.50 0.98 0.00	57.42 1.83 0.00	67.05 2.70 0.00	71.45 3.73 0.00	76.53 3.64 0.00	81.77 3.75 0.00	88.45 3.65 0.00	111.31 3.56 0.00	132.62 3.86 0.00	116.06 5.32 0.00	91.18 5.40 0.00	80.94 4.15 0.00	62.88 2.77 0.00	56.77 1.55 0.00	52.62 1.58 0.00
STA_7____115KV_9TRANS 80674	37.96 1.00 0.00	34.68 0.31 0.00	33.21 -0.17 0.00	30.58 -0.43 0.00	32.07 -0.26 0.00	33.18 -0.17 0.00	34.47 0.14 0.00	38.00 0.30 0.00	41.55 0.81 0.00	48.02 1.49 0.00	58.03 2.45 0.00	67.76 3.41 0.00	72.33 4.61 0.00	77.48 4.59 0.00	82.87 4.84 0.00	89.55 4.75 0.00	112.71 4.96 0.00	134.17 5.41 0.00	117.50 6.76 0.00	92.29 6.52 0.00	81.87 5.07 0.00	63.66 3.55 0.00	57.37 2.15 0.00	53.13 2.09 0.00
STA_82____115KV_TB1 80780	37.62 0.67 0.00	34.37 0.00 0.00	32.98 -0.40 0.00	30.36 -0.65 0.00	31.84 -0.48 0.00	32.95 -0.40 0.00	34.20 -0.14 0.00	37.69 0.00 0.00	41.18 0.45 0.00	47.55 1.02 0.00	57.42 1.83 0.00	67.05 2.70 0.00	71.52 3.79 0.00	76.53 3.64 0.00	81.85 3.82 0.00	88.53 3.73 0.00	111.42 3.66 0.00	132.75 3.99 0.00	116.17 5.43 0.00	91.26 5.49 0.00	80.94 4.15 0.00	62.88 2.77 0.00	56.77 1.55 0.00	52.68 1.63 0.00
STEEL____WIND 323596	38.36 1.40 0.00	34.58 0.21 0.00	33.05 -0.33 0.00	30.30 -0.71 0.00	31.81 -0.52 0.00	32.98 -0.37 0.00	34.33 0.00 0.00	38.60 0.90 0.00	41.50 0.77 0.00	48.39 1.86 0.00	58.25 2.67 0.00	68.27 3.93 0.00	73.21 5.48 0.00	78.28 5.39 0.00	84.04 6.01 0.00	89.89 5.09 0.00	112.71 4.96 0.00	134.04 5.28 0.00	118.27 7.53 0.00	93.93 8.15 0.00	82.48 5.68 0.00	63.84 3.73 0.00	57.37 2.15 0.00	53.49 2.45 0.00
STEPHTWN_115KV_BK_2 55603	38.88 1.92 0.00	36.16 1.79 0.00	34.95 1.57 0.00	32.56 1.55 0.00	33.78 1.45 0.00	34.85 1.50 0.00	36.05 1.72 0.00	39.58 1.88 0.00	42.69 1.96 0.00	48.67 2.14 0.00	57.86 2.28 0.00	67.05 2.70 0.00	59.07 2.64 11.30	56.48 3.13 19.53	29.06 3.51 52.48	14.99 4.16 73.97	-16.77 4.74 129.27	47.07 5.41 87.09	115.86 4.65 -0.46	211.90 3.26 -122.86	86.12 3.07 -6.25	66.66 2.52 -4.02	66.86 2.76 -8.88	53.54 2.50 0.00
STEUBEN_REC_LFGE 323667	38.92 1.55 -0.41	35.29 0.65 -0.27	33.76 0.17 -0.21	30.88 -0.22 -0.09	32.55 0.06 -0.16	33.99 0.43 -0.21	35.39 0.79 -0.27	39.53 1.39 -0.44	46.96 1.75 -4.47	53.60 2.61 -4.47	63.83 3.78 -4.47	73.71 4.89 -4.47	78.57 6.37 -4.47	83.84 6.49 -4.47	87.20 6.71 -2.47	94.34 6.70 -2.83	118.75 7.11 -3.88	141.11 8.24 -4.11	124.72 9.97 -4.01	98.06 9.35 -2.94	86.87 7.60 -2.47	66.94 5.17 -1.66	60.07 3.48 -1.37	55.47 3.27 -1.16
STILLWATER____SOLAR 323814	39.47 2.51 0.00	36.74 2.37 0.00	35.38 2.00 0.00	32.91 1.89 0.00	34.20 1.87 0.00	35.28 1.93 0.00	36.56 2.23 0.00	39.99 2.30 0.00	43.34 2.61 0.00	49.32 2.79 0.00	58.75 3.17 0.00	68.34 3.99 0.00	75.59 4.13 -3.73	84.30 4.96 -6.45	100.90 5.54 -17.33	116.91 6.44 -25.67	199.45 7.86 -83.84	264.03 9.28 -126.00	333.41 8.19 -214.48	341.58 6.35 -249.46	249.74 5.76 -167.18	144.71 4.45 -80.15	75.40 4.09 -16.09	54.72 3.68 0.00
STONY____BROOK 24151	41.29 4.32 -0.01	38.26 3.88 -0.01	36.55 3.17 0.00	34.11 3.10 0.00	35.34 3.01 0.00	36.31 2.97 0.00	38.25 3.91 -0.01	41.96 4.26 -0.01	45.79 5.05 -0.01	51.51 4.98 0.00	65.69 5.89 -4.22	76.33 6.31 -5.67	78.23 6.57 -3.94	98.99 7.07 -19.03	135.28 7.57 -49.68	266.08 7.72 -173.56	299.35 9.48 -182.11	323.92 11.46 -183.71	273.92 9.41 -153.77	247.60 5.66 -156.16	152.53 5.37 -70.36	104.43 5.41 -38.91	75.26 6.24 -13.81	79.39 5.97 -22.38
STURGEON_POOL_HYD 23609	39.21 2.25 0.00	36.26 1.89 0.00	34.92 1.54 0.00	32.60 1.58 0.00	33.85 1.52 0.00	34.81 1.47 0.00	36.19 1.85 0.00	39.84 2.15 0.00	43.22 2.48 0.00	49.18 2.65 0.00	58.42 2.83 0.00	67.12 2.77 0.00	69.96 3.52 1.29	74.73 4.08 2.23	76.95 4.92 6.00	81.61 5.26 8.45	102.77 6.57 11.55	133.88 7.47 2.34	133.02 5.43 -16.85	125.34 2.83 -36.74	93.44 2.69 -13.96	69.35 2.40 -6.84	60.48 2.76 -2.50	53.90 2.86 0.00
ST_LAW_115_BK7_LBMP 345037	35.52 -1.44 0.00	33.16 -1.20 0.00	32.58 -0.80 0.00	30.30 -0.71 0.00	31.62 -0.71 0.00	32.61 -0.73 0.00	33.20 -1.13 0.00	36.45 -1.24 0.00	39.39 -1.34 0.00	44.90 -1.63 0.00	53.80 -1.78 0.00	62.16 -2.19 0.00	65.15 -2.57 0.00	69.75 -3.13 0.00	74.21 -3.82 0.00	80.73 -4.07 0.00	103.44 -4.31 0.00	124.00 -4.76 0.00	106.20 -4.55 0.00	82.17 -3.60 0.00	73.65 -3.15 0.00	57.70 -2.41 0.00	53.01 -2.21 0.00	49.00 -2.04 0.00
ST_LAW_115_BK8_LBMP 345038	35.52 -1.44 0.00	33.16 -1.20 0.00	32.58 -0.80 0.00	30.30 -0.71 0.00	31.62 -0.71 0.00	32.61 -0.73 0.00	33.20 -1.13 0.00	36.45 -1.24 0.00	39.39 -1.34 0.00	44.90 -1.63 0.00	53.80 -1.78 0.00	62.16 -2.19 0.00	65.15 -2.57 0.00	69.75 -3.13 0.00	74.21 -3.82 0.00	80.73 -4.07 0.00	103.44 -4.31 0.00	124.00 -4.76 0.00	106.20 -4.55 0.00	82.17 -3.60 0.00	73.65 -3.15 0.00	57.70 -2.41 0.00	53.01 -2.21 0.00	49.00 -2.04 0.00

ST_LAW_230_BK5_LBMP 345035	35.63 -1.33 0.00	33.23 -1.13 0.00	32.65 -0.73 0.00	30.33 -0.68 0.00	31.65 -0.68 0.00	32.68 -0.67 0.00	33.27 -1.06 0.00	36.53 -1.17 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.91 -1.67 0.00	62.35 -2.00 0.00	65.36 -2.37 0.00	70.04 -2.84 0.00	74.52 -3.51 0.00	81.07 -3.73 0.00	103.77 -3.98 0.00	124.38 -4.38 0.00	106.53 -4.21 0.00	82.51 -3.26 0.00	73.88 -2.92 0.00	57.89 -2.22 0.00	53.18 -2.04 0.00	49.15 -1.89 0.00
ST_LAW_230_BK6_LBMP 345036	35.63 -1.33 0.00	33.23 -1.13 0.00	32.65 -0.73 0.00	30.33 -0.68 0.00	31.65 -0.68 0.00	32.68 -0.67 0.00	33.27 -1.06 0.00	36.53 -1.17 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.91 -1.67 0.00	62.35 -2.00 0.00	65.36 -2.37 0.00	70.04 -2.84 0.00	74.52 -3.51 0.00	81.07 -3.73 0.00	103.77 -3.98 0.00	124.38 -4.38 0.00	106.53 -4.21 0.00	82.51 -3.26 0.00	73.88 -2.92 0.00	57.89 -2.22 0.00	53.18 -2.04 0.00	49.15 -1.89 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.03 2.07 0.00	36.12 1.75 0.00	34.82 1.44 0.00	32.47 1.46 0.00	33.75 1.42 0.00	34.71 1.37 0.00	36.05 1.72 0.00	39.69 2.00 0.00	43.01 2.28 0.00	48.99 2.47 0.00	58.14 2.56 0.00	66.99 2.64 0.00	70.57 2.84 0.00	76.24 3.35 0.00	82.01 3.98 0.00	89.13 4.32 0.00	116.12 5.50 -2.87	141.73 6.18 -6.79	130.60 4.87 -14.98	109.02 3.00 -20.25	91.45 2.84 -11.82	68.26 2.46 -5.69	59.36 2.82 -1.33	53.65 2.60 0.00
SWANROAD_115KV_TB1 355699	36.89 -0.07 0.00	33.34 -1.03 0.00	31.88 -1.50 0.00	29.28 -1.74 0.00	30.71 -1.62 0.00	31.81 -1.53 0.00	32.89 -1.44 0.00	36.11 -1.58 0.00	39.75 -0.98 0.00	46.06 -0.47 0.00	55.80 0.22 0.00	65.31 0.97 0.00	70.10 2.37 0.00	74.56 1.68 0.00	79.51 1.48 0.00	85.82 1.02 0.00	107.32 -0.43 0.00	127.47 -1.29 0.00	112.62 1.88 0.00	89.38 3.60 0.00	78.95 2.15 0.00	61.13 1.02 0.00	55.00 -0.22 0.00	51.50 0.46 0.00
SYNERGY___BIOGAS 323694	38.81 1.85 0.00	35.05 0.69 0.00	33.45 0.07 0.00	30.70 -0.31 0.00	32.23 -0.10 0.00	33.41 0.07 0.00	34.71 0.38 0.00	38.98 1.28 0.00	41.79 1.06 0.00	48.67 2.14 0.00	58.64 3.05 0.00	68.78 4.44 0.00	73.62 5.89 0.00	78.72 5.83 0.00	84.50 6.47 0.00	90.40 5.60 0.00	113.79 6.03 0.00	135.71 6.95 0.00	119.82 9.08 0.00	95.04 9.27 0.00	83.56 6.76 0.00	64.80 4.69 0.00	58.03 2.81 0.00	53.95 2.91 0.00
SYRACUSE___ENERGY_ST1 323597	38.66 0.18 -1.52	35.34 -0.03 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.66 -0.26 -0.59	33.96 -0.17 -0.78	35.25 -0.07 -0.99	39.49 0.15 -1.65	57.45 0.04 -16.68	63.44 0.23 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.43 1.02 -16.68	90.66 1.09 -16.68	88.47 1.25 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.26 1.16 -15.34	127.38 1.66 -14.97	98.36 1.63 -10.95	87.40 1.38 -9.22	67.26 0.96 -6.19	60.83 0.50 -5.12	55.72 0.36 -4.32
SYRACUSE___ENERGY_ST2 323598	38.66 0.18 -1.52	35.34 -0.03 -1.01	33.97 -0.20 -0.79	31.03 -0.31 -0.33	32.66 -0.26 -0.59	33.96 -0.17 -0.78	35.25 -0.07 -0.99	39.49 0.15 -1.65	57.45 0.04 -16.68	63.44 0.23 -16.68	72.65 0.39 -16.68	81.74 0.71 -16.68	85.43 1.02 -16.68	90.66 1.09 -16.68	88.47 1.25 -9.20	96.64 1.27 -10.57	123.41 1.19 -14.47	145.26 1.16 -15.34	127.38 1.66 -14.97	98.36 1.63 -10.95	87.40 1.38 -9.22	67.26 0.96 -6.19	60.83 0.50 -5.12	55.72 0.36 -4.32
SYRACUSE___POWER 24017	38.09 0.11 -1.02	34.94 -0.10 -0.68	33.65 -0.27 -0.53	30.86 -0.37 -0.22	32.40 -0.32 -0.39	33.61 -0.27 -0.52	34.86 -0.14 -0.67	38.88 0.08 -1.11	51.96 0.00 -11.23	57.99 0.23 -11.23	67.20 0.39 -11.23	76.28 0.71 -11.23	79.97 1.02 -11.23	85.21 1.09 -11.23	85.55 1.33 -6.19	93.27 1.36 -7.11	118.79 1.29 -9.74	140.37 1.29 -10.33	122.59 1.77 -10.08	94.78 1.63 -7.37	84.31 1.31 -6.21	65.18 0.90 -4.16	59.11 0.44 -3.44	54.25 0.31 -2.91
TALLMAN___138KV_BK151 55660	39.18 2.22 0.00	36.22 1.86 0.00	34.92 1.54 0.00	32.60 1.58 0.00	33.85 1.52 0.00	34.81 1.47 0.00	36.19 1.85 0.00	39.88 2.19 0.00	43.22 2.48 0.00	49.18 2.65 0.00	58.36 2.78 0.00	67.12 2.77 0.00	70.64 2.91 0.00	76.38 3.50 0.00	82.24 4.21 0.00	89.38 4.58 0.00	116.44 5.71 -2.98	142.23 6.44 -7.04	131.25 4.98 -15.53	109.76 3.00 -20.99	91.81 2.76 -12.25	68.47 2.46 -5.90	59.52 2.93 -1.38	53.80 2.76 0.00
TEALLAVE_115KV_TB7 355573	37.94 0.15 -0.83	34.85 -0.07 -0.55	33.58 -0.23 -0.43	30.85 -0.34 -0.18	32.39 -0.26 -0.32	33.57 -0.20 -0.43	34.81 -0.07 -0.54	38.71 0.11 -0.90	49.92 0.08 -9.10	55.91 0.28 -9.10	65.18 0.50 -9.10	74.29 0.84 -9.10	77.98 1.15 -9.10	83.23 1.24 -9.10	84.53 1.48 -5.02	92.01 1.44 -5.77	117.05 1.40 -7.89	138.54 1.42 -8.37	120.79 1.88 -8.17	93.46 1.72 -5.98	83.29 1.46 -5.03	64.51 1.02 -3.38	58.56 0.55 -2.79	53.81 0.41 -2.36
TELGRAPH_34_KV_EAST 80808	37.74 0.78 0.00	34.16 -0.21 0.00	32.65 -0.73 0.00	29.96 -1.05 0.00	31.46 -0.87 0.00	32.61 -0.73 0.00	33.82 -0.52 0.00	37.24 -0.45 0.00	40.98 0.24 0.00	47.46 0.93 0.00	57.47 1.89 0.00	67.31 2.96 0.00	72.20 4.47 0.00	76.89 4.01 0.00	82.01 3.98 0.00	88.53 3.73 0.00	110.99 3.23 0.00	131.98 3.22 0.00	116.50 5.76 0.00	92.12 6.35 0.00	81.48 4.68 0.00	63.12 3.01 0.00	56.66 1.44 0.00	52.88 1.84 0.00
TEMPLE___115KV_TB 2 55572	37.97 0.18 -0.83	34.88 -0.03 -0.55	33.61 -0.20 -0.43	30.88 -0.31 -0.18	32.39 -0.26 -0.32	33.61 -0.17 -0.42	34.84 -0.03 -0.54	38.74 0.15 -0.90	49.94 0.12 -9.08	55.93 0.33 -9.08	65.22 0.56 -9.08	74.33 0.90 -9.08	78.03 1.22 -9.08	83.28 1.31 -9.08	84.60 1.56 -5.01	92.08 1.53 -5.75	117.14 1.51 -7.88	138.65 1.55 -8.35	120.89 1.99 -8.15	93.54 1.80 -5.96	83.28 1.46 -5.02	64.50 1.02 -3.37	58.56 0.55 -2.79	53.85 0.46 -2.35
TIANA____69_KV_BK 1 55817	41.73 4.77 0.00	38.49 4.12 0.00	37.02 3.64 0.00	34.52 3.50 0.00	35.76 3.43 0.00	36.65 3.30 0.00	38.49 4.15 0.00	42.41 4.71 0.00	46.27 5.54 0.00	52.16 5.63 -4.22	66.47 6.67 -5.67	77.42 7.40 -3.92	79.24 7.59 -3.92	96.46 8.45 -15.12	126.16 9.44 -38.69	230.38 10.01 -135.57	263.13 12.82 -142.55	287.93 14.42 -144.75	245.72 12.07 -122.91	220.06 7.72 -126.56	141.85 7.37 -57.68	103.36 6.85 -36.40	76.08 7.07 -13.79	77.32 6.64 -19.65
TILDEN___115KV_TB1 80814	38.09 0.11 -1.02	34.94 -0.10 -0.68	33.65 -0.27 -0.53	30.86 -0.37 -0.22	32.40 -0.32 -0.39	33.61 -0.27 -0.52	34.86 -0.14 -0.67	38.88 0.08 -1.11	51.96 0.00 -11.23	57.99 0.23 -11.23	67.20 0.39 -11.23	76.28 0.71 -11.23	79.97 1.02 -11.23	85.21 1.09 -11.23	85.55 1.33 -6.19	93.27 1.36 -7.11	118.79 1.29 -9.74	140.37 1.29 -10.33	122.59 1.77 -10.08	94.78 1.63 -7.37	84.31 1.31 -6.21	65.18 0.90 -4.16	59.11 0.44 -3.44	54.25 0.31 -2.91
TRIGEN___CC 323695	40.29 3.33 0.00	37.22 2.85 0.00	35.82 2.44 0.00	33.43 2.42 0.00	34.66 2.33 0.00	35.58 2.23 0.00	37.18 2.85 0.00	41.05 3.35 0.00	44.56 3.83 0.00	50.43 3.91 -4.22	64.02 4.38 -5.66	74.38 4.54 -3.87	76.14 5.17 -1.36	79.42 6.01 0.00	84.04 6.36 -2.11	93.27 8.30 -3.16	119.21 9.14 -7.47	145.36 7.31 -16.48	134.53 4.20 -22.27	112.24 3.99 -12.99	93.78 3.97 -15.42	79.50 3.97 -13.74	73.49 4.53 -10.09	65.42 4.29 0.00

TRINITY__115KV__4 BK 55933	38.40 1.44 0.00	35.78 1.41 0.00	34.58 1.20 0.00	32.28 1.27 0.00	33.49 1.16 0.00	34.48 1.13 0.00	35.64 1.30 0.00	39.13 1.43 0.00	42.20 1.47 0.00	48.06 1.54 0.00	57.08 1.50 0.00	66.15 1.80 0.00	67.59 1.76 1.90	71.79 2.19 3.28	71.71 2.50 8.81	75.43 3.05 12.42	105.99 3.23 4.99	157.12 3.48 -24.88	200.91 2.88 -87.29	226.16 1.89 -138.50	148.54 1.92 -69.82	95.58 1.68 -33.79	66.37 1.93 -9.22	52.88 1.84 0.00
UNION__PROCESSING_DRP 323587	37.62 0.67 0.00	34.40 0.03 0.00	32.98 -0.40 0.00	30.36 -0.65 0.00	31.84 -0.48 0.00	32.95 -0.40 0.00	34.23 -0.10 0.00	37.69 0.00 0.00	41.18 0.45 0.00	47.55 1.02 0.00	57.47 1.89 0.00	67.12 2.77 0.00	71.52 3.79 0.00	76.60 3.72 0.00	81.85 3.82 0.00	88.53 3.73 0.00	111.42 3.66 0.00	132.75 3.99 0.00	116.17 5.43 0.00	91.26 5.49 0.00	81.02 4.22 0.00	62.94 2.83 0.00	56.82 1.60 0.00	52.68 1.63 0.00
UPPER HUDSON__HYD 24058	39.44 2.48 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.81 1.80 0.00	34.07 1.74 0.00	35.15 1.80 0.00	36.50 2.16 0.00	39.96 2.26 0.00	43.38 2.65 0.00	49.13 2.60 0.00	58.58 3.00 0.00	68.34 3.99 0.00	74.63 3.72 -3.18	83.56 5.18 -5.50	98.57 5.77 -14.76	114.19 7.29 -22.09	194.60 8.94 -77.91	262.25 10.82 -122.68	336.97 9.63 -216.60	351.64 7.55 -258.32	252.61 6.68 -169.14	146.25 4.99 -81.15	76.29 4.36 -16.71	54.87 3.83 0.00
UPPER RAQUET__HYD 24056	35.77 -1.44 -0.25	33.33 -1.20 -0.17	32.71 -0.80 -0.13	30.32 -0.74 -0.06	31.75 -0.68 -0.10	32.84 -0.63 -0.13	33.47 -1.03 -0.17	36.69 -1.28 -0.28	41.73 -1.79 -2.79	47.13 -2.19 -2.79	55.87 -2.50 -2.79	63.72 -3.41 -2.79	66.52 -4.00 -2.79	70.79 -4.88 -2.79	73.71 -5.85 -1.54	80.21 -6.36 -1.77	103.06 -7.12 -2.42	123.34 -7.98 -2.56	105.93 -7.31 -2.50	82.11 -5.49 -1.83	73.50 -4.84 -1.54	58.20 -2.94 -1.03	53.81 -2.27 -0.86	49.77 -1.99 -0.72
VALLEY44_115KV_TB2 355964	37.99 1.03 0.00	34.47 0.10 0.00	33.01 -0.37 0.00	30.33 -0.68 0.00	31.84 -0.48 0.00	33.05 -0.30 0.00	34.33 0.00 0.00	38.11 0.41 0.00	41.42 0.69 0.00	47.92 1.40 0.00	57.92 2.33 0.00	67.63 3.28 0.00	72.54 4.81 0.00	77.55 4.66 0.00	82.79 4.76 0.00	89.47 4.66 0.00	112.17 4.42 0.00	133.39 4.64 0.00	117.72 6.98 0.00	92.63 6.86 0.00	81.94 5.15 0.00	63.42 3.31 0.00	56.99 1.77 0.00	53.03 1.99 0.00
VALLEY__115KV_TB 1-4 80826	37.48 0.52 0.00	34.81 0.45 0.00	33.71 0.33 0.00	31.29 0.28 0.00	32.62 0.29 0.00	33.71 0.37 0.00	34.78 0.45 0.00	38.26 0.57 0.00	41.38 0.65 0.00	47.32 0.79 0.00	56.53 0.94 0.00	65.51 1.16 0.00	69.01 1.29 0.00	74.34 1.46 0.00	79.59 1.56 0.00	86.33 1.53 0.00	109.48 1.72 0.00	130.69 1.93 0.00	112.40 1.66 0.00	86.89 1.12 0.00	77.87 1.08 0.00	61.01 0.90 0.00	56.05 0.83 0.00	51.81 0.77 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.77 2.55 -0.26	36.77 2.23 -0.17	35.52 2.00 -0.13	32.87 1.80 -0.06	34.30 1.88 -0.10	35.45 1.97 -0.13	36.70 2.20 -0.17	40.50 2.53 -0.28	46.36 2.81 -2.82	52.65 3.30 -2.82	62.24 3.84 -2.82	71.61 4.44 -2.82	75.36 4.81 -2.82	80.95 5.25 -2.82	85.20 5.62 -1.56	92.61 6.02 -1.79	121.36 7.00 -6.61	149.42 8.24 -12.42	142.50 7.53 -24.23	122.69 5.75 -31.17	100.84 5.38 -18.67	73.84 4.45 -9.28	61.82 3.81 -2.79	55.29 3.52 -0.73
VISCHER__FERRY HYD 24020	39.03 2.07 0.00	36.33 1.96 0.00	35.05 1.67 0.00	32.63 1.61 0.00	33.91 1.58 0.00	34.92 1.57 0.00	36.22 1.89 0.00	39.65 1.96 0.00	42.89 2.16 0.00	48.81 2.28 0.00	58.14 2.56 0.00	67.31 2.96 0.00	76.46 3.18 -5.54	86.26 3.79 -9.59	107.99 4.21 -25.75	127.08 4.92 -37.36	216.31 5.71 -102.84	271.20 6.56 -135.88	321.65 5.53 -205.37	307.44 4.12 -217.55	239.69 3.84 -159.06	139.32 3.12 -76.08	72.18 3.09 -13.87	53.90 2.86 0.00
V_A_10_SYNC_DSASP 323832	37.29 0.33 0.00	33.75 -0.62 0.00	32.31 -1.07 0.00	29.68 -1.33 0.00	31.17 -1.16 0.00	32.28 -1.07 0.00	33.55 -0.79 0.00	37.51 -0.19 0.00	40.32 -0.41 0.00	46.85 0.33 0.00	56.30 0.72 0.00	65.96 1.61 0.00	70.37 2.64 0.00	75.22 2.33 0.00	80.76 2.73 0.00	86.50 1.70 0.00	108.61 0.86 0.00	129.40 0.65 0.00	113.84 3.10 0.00	90.32 4.54 0.00	79.48 2.69 0.00	61.67 1.56 0.00	55.61 0.39 0.00	51.86 0.81 0.00
V_CMM_10_SYNC_DSASP 323787	35.66 -1.29 0.00	33.30 -1.07 0.00	32.75 -0.64 0.00	30.42 -0.59 0.00	31.75 -0.58 0.00	32.78 -0.57 0.00	33.34 -1.00 0.00	36.64 -1.06 0.00	39.59 -1.14 0.00	45.13 -1.39 0.00	54.08 -1.50 0.00	62.48 -1.87 0.00	65.49 -2.23 0.00	70.04 -2.84 0.00	74.52 -3.51 0.00	80.99 -3.81 0.00	103.77 -3.98 0.00	124.51 -4.25 0.00	106.65 -4.10 0.00	82.60 -3.17 0.00	73.96 -2.84 0.00	57.95 -2.16 0.00	53.29 -1.93 0.00	49.21 -1.84 0.00
V_CMP_10_SYNC_DSASP 323788	36.26 -0.70 0.00	33.78 -0.58 0.00	33.15 -0.23 0.00	30.80 -0.22 0.00	32.23 -0.10 0.00	33.31 -0.03 0.00	33.99 -0.34 0.00	37.39 -0.30 0.00	40.49 -0.24 0.00	45.22 -1.30 0.00	54.19 -1.39 0.00	62.48 -1.87 0.00	65.49 -2.23 0.00	69.83 -3.06 0.00	72.96 -5.07 0.00	79.20 -5.60 0.00	101.40 -6.36 0.00	121.80 -6.95 0.00	104.21 -6.53 0.00	80.71 -5.06 0.00	72.57 -4.22 0.00	58.25 -1.86 0.00	53.89 -1.33 0.00	49.67 -1.38 0.00
V_D_10_SYNC_DSASP 323841	35.66 -1.29 0.00	33.30 -1.07 0.00	32.75 -0.64 0.00	30.42 -0.59 0.00	31.78 -0.55 0.00	32.81 -0.53 0.00	33.37 -0.96 0.00	36.64 -1.06 0.00	39.51 -1.22 0.00	45.04 -1.49 0.00	53.97 -1.61 0.00	62.35 -2.00 0.00	65.29 -2.44 0.00	69.75 -3.13 0.00	74.13 -3.90 0.00	80.57 -4.24 0.00	103.33 -4.42 0.00	123.86 -4.89 0.00	106.09 -4.65 0.00	82.17 -3.60 0.00	73.65 -3.15 0.00	57.89 -2.22 0.00	53.29 -1.93 0.00	49.25 -1.79 0.00
V_E_10_SYNC_DSASP 323830	41.76 4.21 -0.59	38.23 3.47 -0.39	36.63 2.94 -0.31	33.59 2.45 -0.13	35.30 2.75 -0.23	36.75 3.10 -0.30	38.22 3.50 -0.38	42.52 4.18 -0.64	51.50 4.28 -6.49	58.13 5.12 -6.49	68.18 6.11 -6.49	78.30 7.46 -6.49	82.61 8.40 -6.49	88.48 9.11 -6.49	91.28 9.67 -3.58	99.15 10.17 -4.18	128.33 13.03 -7.54	155.47 16.22 -10.49	142.26 15.72 -15.80	116.55 13.03 -17.75	99.77 11.52 -11.46	75.32 9.01 -6.20	64.94 6.85 -2.87	58.79 6.07 -1.68
V_F_30_NSYNC__DSASP 323816	39.55 2.59 0.00	36.77 2.40 0.00	35.45 2.07 0.00	32.97 1.96 0.00	34.24 1.91 0.00	35.31 1.97 0.00	36.60 2.27 0.00	40.07 2.38 0.00	43.42 2.69 0.00	49.41 2.89 0.00	58.86 3.28 0.00	68.47 4.12 0.00	75.48 4.27 -3.48	84.01 5.10 -6.02	99.91 5.69 -16.18	115.49 6.62 -24.07	197.02 8.09 -81.18	262.93 9.66 -124.51	334.58 8.41 -215.43	345.81 6.61 -253.43	250.77 5.91 -168.06	145.28 4.57 -80.60	75.73 4.14 -16.37	54.82 3.78 0.00
V_F_30_SYNC_DSASP 323786	38.59 1.63 0.00	35.91 1.55 0.00	34.72 1.34 0.00	32.38 1.36 0.00	33.62 1.29 0.00	34.61 1.27 0.00	35.78 1.44 0.00	39.28 1.58 0.00	42.36 1.63 0.00	48.29 1.77 0.00	57.42 1.83 0.00	66.54 2.19 0.00	71.22 2.17 -1.33	77.87 2.70 -2.29	87.23 3.04 -6.15	97.12 3.65 -8.67	152.89 3.99 -41.15	204.78 4.38 -71.64	249.94 3.65 -135.55	257.10 2.49 -168.84	185.45 2.46 -106.19	113.16 2.04 -51.01	68.46 2.26 -10.98	53.13 2.09 0.00

V_XM10_SYNC_DSASP 323789	36.26 -0.70 0.00	33.78 -0.58 0.00	33.15 -0.23 0.00	30.80 -0.22 0.00	32.23 -0.10 0.00	33.31 -0.03 0.00	33.99 -0.34 0.00	37.39 -0.30 0.00	40.49 -0.24 0.00	45.22 -1.30 0.00	54.19 -1.39 0.00	62.48 -1.87 0.00	65.49 -2.23 0.00	69.83 -3.06 0.00	72.96 -5.07 0.00	79.20 -5.60 0.00	101.40 -6.36 0.00	121.80 -6.95 0.00	104.21 -6.53 0.00	80.71 -5.06 0.00	72.57 -4.22 0.00	58.25 -1.86 0.00	53.89 -1.33 0.00	49.67 -1.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.29 2.33 0.00	36.33 1.96 0.00	35.02 1.64 0.00	32.69 1.67 0.00	33.95 1.62 0.00	34.92 1.57 0.00	36.29 1.96 0.00	39.99 2.30 0.00	43.34 2.61 0.00	49.32 2.79 0.00	58.53 2.95 0.00	67.37 3.02 0.00	70.91 3.18 0.00	76.68 3.79 0.00	82.55 4.53 0.00	89.72 4.92 0.00	116.90 6.14 -3.00	142.80 6.95 -7.09	131.83 5.43 -15.66	110.28 3.35 -21.16	92.22 3.07 -12.35	68.76 2.70 -5.94	59.76 3.15 -1.39	53.95 2.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.84 2.88 0.00	36.70 2.34 0.00	35.32 1.94 0.00	33.00 1.98 0.00	34.27 1.94 0.00	35.22 1.87 0.00	36.74 2.40 0.00	40.60 2.90 0.00	44.07 3.34 0.00	50.11 3.58 0.00	59.25 3.67 0.00	67.95 3.60 0.00	71.45 3.73 0.00	77.26 4.37 0.00	83.18 5.15 0.00	90.40 5.60 0.00	118.13 7.22 -3.16	144.33 8.11 -7.46	133.41 6.20 -16.47	111.81 3.77 -22.26	93.32 3.53 -12.99	69.49 3.13 -6.25	60.44 3.75 -1.46	54.62 3.57 0.00
W50THST__13_KV_LOAD 356117	40.06 3.10 0.00	36.88 2.51 0.00	35.48 2.10 0.00	33.15 2.14 0.00	34.46 2.13 0.00	35.42 2.07 0.00	36.94 2.61 0.00	40.86 3.17 0.00	44.40 3.67 0.00	50.48 3.95 0.00	59.69 4.11 0.00	68.40 4.05 0.00	71.99 4.27 0.00	77.77 4.88 0.00	83.80 5.77 0.00	91.08 6.28 0.00	118.99 8.08 -3.16	145.36 9.14 -7.46	134.19 6.98 -16.47	112.41 4.37 -22.26	93.78 3.99 -12.99	69.79 3.43 -6.25	60.82 4.14 -1.46	54.92 3.88 0.00
WADING RIVER_IC_1 23522	41.07 4.10 -0.01	38.06 3.68 -0.01	36.32 2.94 0.00	33.93 2.91 0.00	35.11 2.78 0.00	36.08 2.74 0.00	38.02 3.68 -0.01	41.70 3.99 -0.01	45.54 4.80 -0.01	51.13 4.61 0.00	65.30 5.50 -4.22	75.93 5.92 -5.67	77.75 6.10 -3.92	94.75 6.78 -15.08	124.10 7.49 -38.58	227.97 7.89 -135.28	259.47 9.59 -142.13	284.68 11.59 -144.33	242.95 9.63 -122.58	217.85 5.84 -126.24	140.02 5.68 -57.54	101.92 5.47 -36.34	74.97 5.97 -13.79	76.32 5.67 -19.61
WADING RIVER_IC_2 23547	41.07 4.10 -0.01	38.06 3.68 -0.01	36.32 2.94 0.00	33.93 2.91 0.00	35.11 2.78 0.00	36.08 2.74 0.00	38.02 3.68 -0.01	41.70 3.99 -0.01	45.54 4.80 -0.01	51.13 4.61 0.00	65.30 5.50 -4.22	75.93 5.92 -5.67	77.75 6.10 -3.92	94.75 6.78 -15.08	124.10 7.49 -38.58	227.97 7.89 -135.28	259.47 9.59 -142.13	284.68 11.59 -144.33	242.95 9.63 -122.58	217.85 5.84 -126.24	140.02 5.68 -57.54	101.92 5.47 -36.34	74.97 5.97 -13.79	76.32 5.67 -19.61
WADING RIVER_IC_3 23601	41.07 4.10 -0.01	38.06 3.68 -0.01	36.32 2.94 0.00	33.93 2.91 0.00	35.11 2.78 0.00	36.08 2.74 0.00	38.02 3.68 -0.01	41.70 3.99 -0.01	45.54 4.80 -0.01	51.13 4.61 0.00	65.30 5.50 -4.22	75.93 5.92 -5.67	77.75 6.10 -3.92	94.75 6.78 -15.08	124.10 7.49 -38.58	227.97 7.89 -135.28	259.47 9.59 -142.13	284.68 11.59 -144.33	242.95 9.63 -122.58	217.85 5.84 -126.24	140.02 5.68 -57.54	101.92 5.47 -36.34	74.97 5.97 -13.79	76.32 5.67 -19.61
WALDENNY_12_KV_BK2 80841	38.07 1.11 0.00	34.40 0.03 0.00	32.91 -0.47 0.00	30.18 -0.84 0.00	31.68 -0.65 0.00	32.88 -0.47 0.00	34.13 -0.21 0.00	37.73 0.04 0.00	41.51 0.77 0.00	48.11 1.58 0.00	58.30 2.72 0.00	68.27 3.93 0.00	73.35 5.62 0.00	78.28 5.39 0.00	83.41 5.38 0.00	90.06 5.26 0.00	112.71 4.96 0.00	133.78 5.02 0.00	118.16 7.42 0.00	93.32 7.55 0.00	82.48 5.68 0.00	63.78 3.67 0.00	57.26 2.04 0.00	53.49 2.45 0.00
WALDEN__HYDRO 24148	39.32 2.37 0.00	36.36 1.99 0.00	35.02 1.64 0.00	32.69 1.67 0.00	33.95 1.62 0.00	34.95 1.60 0.00	36.26 1.92 0.00	39.92 2.22 0.00	43.30 2.57 0.00	49.27 2.75 0.00	58.53 2.95 0.00	67.37 3.02 0.00	71.05 3.32 0.00	76.75 3.86 0.00	82.71 4.68 0.00	89.89 5.09 0.00	117.40 6.47 -3.18	143.61 7.34 -7.52	133.20 5.87 -16.59	111.97 3.77 -22.42	93.41 3.53 -13.08	69.41 3.01 -6.30	59.95 3.26 -1.47	54.05 3.01 0.00
WARRENSBURG____ 23737	39.44 2.48 0.00	36.67 2.30 0.00	35.28 1.90 0.00	32.81 1.80 0.00	34.07 1.74 0.00	35.15 1.80 0.00	36.50 2.16 0.00	39.96 2.26 0.00	43.38 2.65 0.00	49.13 2.60 0.00	58.58 3.00 0.00	68.34 3.99 0.00	74.63 3.72 -3.18	83.56 5.18 -5.50	98.57 5.77 -14.76	114.19 7.29 -22.09	194.60 8.94 -77.91	262.25 10.82 -122.68	336.97 9.63 -216.60	351.64 7.55 -258.32	252.61 6.68 -169.14	146.25 4.99 -81.15	76.29 4.36 -16.71	54.87 3.83 0.00
WATERSIDE____6 8 9 23538	39.88 2.92 0.00	36.74 2.37 0.00	35.32 1.94 0.00	33.03 2.02 0.00	34.27 1.94 0.00	35.18 1.83 0.00	36.70 2.37 0.00	40.56 2.86 0.00	43.99 3.26 0.00	49.97 3.44 0.00	58.75 3.17 0.00	65.56 3.02 1.81	65.95 2.98 4.76	65.73 3.57 10.73	76.60 4.29 5.72	81.70 4.66 7.77	107.75 6.03 6.03	122.40 6.70 13.06	71.63 5.09 44.21	67.69 2.92 21.00	79.70 2.76 -0.13	68.94 2.58 -6.25	60.05 3.37 -1.46	54.46 3.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.44 0.48 0.00	34.75 0.38 0.00	33.68 0.30 0.00	31.26 0.25 0.00	32.59 0.26 0.00	33.65 0.30 0.00	34.71 0.38 0.00	38.15 0.45 0.00	41.22 0.49 0.00	47.08 0.56 0.00	56.25 0.67 0.00	65.12 0.77 0.00	68.61 0.88 0.00	73.91 1.02 0.00	79.20 1.17 0.00	85.99 1.19 0.00	109.05 1.29 0.00	130.30 1.55 0.00	112.07 1.33 0.00	86.80 1.03 0.00	77.72 0.92 0.00	60.89 0.78 0.00	55.94 0.72 0.00	51.71 0.66 0.00
WATSON__69_KV_BK 1 55734	41.65 4.69 0.00	38.46 4.09 0.00	36.99 3.61 0.00	34.46 3.44 0.00	35.72 3.39 0.00	36.65 3.30 0.00	38.42 4.09 0.00	42.37 4.67 0.00	46.19 5.46 0.00	52.06 5.54 0.00	66.25 6.45 -4.22	77.09 7.08 -5.66	78.80 7.18 -3.90	89.03 7.87 -8.28	106.29 8.82 -19.44	162.97 8.99 -69.18	192.81 11.85 -73.20	218.60 13.39 -76.45	190.89 11.18 -68.97	167.48 7.03 -74.68	119.00 6.76 -35.45	103.03 6.49 -36.43	75.78 6.79 -13.76	72.44 6.38 -15.01
WDELAWARE__HYD 323627	38.55 1.59 0.00	35.78 1.41 0.00	34.31 0.93 0.00	32.01 0.99 0.00	33.27 0.94 0.00	34.25 0.90 0.00	35.67 1.34 0.00	39.01 1.32 0.00	42.40 1.67 0.00	47.83 1.30 0.00	56.91 1.33 0.00	65.51 1.16 0.00	69.22 1.49 0.00	74.78 1.89 0.00	80.53 2.50 0.00	87.89 2.97 -0.12	115.20 3.99 -3.45	141.55 4.63 -8.16	132.30 3.54 -18.02	112.17 2.06 -24.35	93.00 1.99 -14.21	69.11 2.16 -6.84	59.14 2.32 -1.60	53.09 2.04 0.00
WEST BABYLON__IC 23714	41.39 4.44 0.00	38.22 3.85 0.00	36.75 3.37 0.00	34.27 3.26 0.00	35.50 3.17 0.00	36.42 3.07 0.00	38.18 3.85 0.00	42.10 4.41 0.00	45.82 5.09 0.00	51.74 5.21 0.00	65.75 5.95 -4.22	76.44 6.43 -5.66	78.24 6.64 -3.88	83.27 7.36 -3.02	90.98 8.27 -4.68	111.53 8.48 -18.24	138.97 11.21 -20.01	165.44 12.62 -24.06	149.00 10.52 -27.74	127.17 6.52 -34.88	101.49 6.30 -18.40	89.35 6.01 -23.23	75.31 6.35 -13.74	68.40 5.92 -11.44

WEST CANADA___HYD 24049	37.37 0.41 0.00	34.75 0.38 0.00	33.65 0.27 0.00	31.26 0.25 0.00	32.59 0.26 0.00	33.58 0.24 0.00	34.68 0.34 0.00	38.07 0.38 0.00	41.14 0.41 0.00	46.99 0.47 0.00	56.08 0.50 0.00	64.93 0.58 0.00	68.41 0.68 0.00	73.69 0.80 0.00	78.97 0.94 0.00	85.82 1.02 0.00	108.83 1.08 0.00	129.91 1.16 0.00	111.73 0.99 0.00	86.54 0.77 0.00	77.49 0.69 0.00	60.71 0.60 0.00	55.83 0.61 0.00	51.60 0.56 0.00
WESTERN_NY_WIND 24143	38.40 1.44 0.00	34.81 0.45 0.00	33.21 -0.17 0.00	30.49 -0.53 0.00	32.04 -0.29 0.00	33.21 -0.13 0.00	34.47 0.14 0.00	38.03 0.34 0.00	41.71 0.98 0.00	48.29 1.77 0.00	58.53 2.95 0.00	68.60 4.25 0.00	73.55 5.82 0.00	78.42 5.54 0.00	83.65 5.62 0.00	90.31 5.51 0.00	113.47 5.71 0.00	135.07 6.31 0.00	119.38 8.64 0.00	94.26 8.49 0.00	83.40 6.60 0.00	64.62 4.51 0.00	57.87 2.65 0.00	53.85 2.81 0.00
WESTOVER___LESR 323668	38.59 1.07 -0.56	35.39 0.65 -0.37	34.11 0.43 -0.29	31.38 0.25 -0.12	32.90 0.36 -0.22	34.10 0.47 -0.29	35.35 0.65 -0.37	39.21 0.90 -0.61	47.96 1.06 -6.17	54.09 1.40 -6.17	63.59 1.83 -6.17	72.90 2.38 -6.17	76.88 2.98 -6.17	82.19 3.13 -6.17	84.86 3.43 -3.40	92.19 3.48 -3.91	118.03 3.66 -6.61	141.65 4.25 -8.64	127.60 4.76 -12.10	102.89 4.20 -12.91	88.91 3.53 -8.58	67.47 2.58 -4.78	59.57 1.88 -2.47	54.43 1.79 -1.60
WETHRSFD_WT_PWR 323626	37.99 1.03 0.00	34.37 0.00 0.00	32.88 -0.50 0.00	30.21 -0.81 0.00	31.68 -0.65 0.00	32.88 -0.47 0.00	34.16 -0.17 0.00	38.33 0.64 0.00	41.22 0.49 0.00	47.97 1.44 0.00	57.69 2.11 0.00	67.50 3.15 0.00	72.20 4.47 0.00	77.33 4.45 0.00	82.95 4.92 0.00	88.96 4.15 0.00	111.63 3.87 0.00	133.00 4.24 0.00	117.16 6.42 0.00	92.72 6.94 0.00	81.72 4.92 0.00	63.23 3.12 0.00	56.99 1.77 0.00	53.03 1.99 0.00
WHAVSTOR_138KV_BK127 55557	39.10 2.14 0.00	36.16 1.79 0.00	34.85 1.47 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.75 1.40 0.00	36.12 1.79 0.00	39.80 2.11 0.00	43.14 2.40 0.00	49.09 2.56 0.00	58.19 2.61 0.00	66.92 2.57 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.93 3.90 0.00	89.04 4.24 0.00	116.15 5.39 -3.01	141.79 5.92 -7.11	130.96 4.54 -15.68	109.63 2.66 -21.20	91.70 2.53 -12.37	68.41 2.34 -5.95	59.43 2.82 -1.39	53.65 2.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.10 2.14 0.00	36.16 1.79 0.00	34.85 1.47 0.00	32.56 1.55 0.00	33.82 1.49 0.00	34.75 1.40 0.00	36.12 1.79 0.00	39.80 2.11 0.00	43.14 2.40 0.00	49.09 2.56 0.00	58.19 2.61 0.00	66.92 2.57 0.00	70.44 2.71 0.00	76.09 3.21 0.00	81.93 3.90 0.00	89.04 4.24 0.00	116.15 5.39 -3.01	141.79 5.92 -7.11	130.96 4.54 -15.68	109.63 2.66 -21.20	91.70 2.53 -12.37	68.41 2.34 -5.95	59.43 2.82 -1.39	53.65 2.60 0.00
WHITEHAL_115KV_TB1 80871	40.54 3.59 0.00	37.56 3.20 0.00	36.19 2.80 0.00	33.59 2.57 0.00	34.88 2.55 0.00	36.05 2.70 0.00	37.36 3.02 0.00	41.01 3.32 0.00	44.52 3.79 0.00	50.57 4.05 0.00	60.25 4.67 0.00	70.53 6.18 0.00	77.13 6.10 -3.31	86.25 7.65 -5.71	101.89 8.51 -15.35	116.62 10.18 -21.64	200.06 13.04 -79.27	268.03 15.84 -123.44	341.03 14.17 -216.11	353.38 11.32 -256.29	255.47 9.98 -168.69	148.42 7.39 -80.92	78.09 6.30 -16.57	56.55 5.51 0.00
WHITEPLN_13_KV_LOAD 356215	39.95 2.99 0.00	36.91 2.54 0.00	35.52 2.14 0.00	33.15 2.14 0.00	34.50 2.17 0.00	35.45 2.10 0.00	36.91 2.58 0.00	40.78 3.09 0.00	44.32 3.58 0.00	50.48 3.95 0.00	59.92 4.34 0.00	68.79 4.44 0.00	72.47 4.74 0.00	78.57 5.69 0.00	84.58 6.55 0.00	91.84 7.04 0.00	120.06 9.16 -3.15	146.63 10.43 -7.44	135.48 8.31 -16.43	113.47 5.49 -22.21	94.75 4.99 -12.96	70.26 3.91 -6.24	60.93 4.25 -1.46	55.02 3.98 0.00
WM_FLOYD_69_KV_BK2 356380	41.43 4.47 0.00	38.25 3.88 0.00	36.79 3.40 0.00	34.30 3.29 0.00	35.53 3.20 0.00	36.42 3.07 0.00	38.21 3.88 0.00	42.10 4.41 0.00	45.90 5.17 0.00	51.64 5.12 0.00	65.75 5.95 -4.22	76.52 6.50 -5.67	78.22 6.57 -3.92	95.46 7.22 -15.36	125.49 8.12 -39.35	231.12 8.48 -137.84	263.76 11.10 -144.91	288.32 12.49 -147.07	246.02 10.52 -124.76	220.62 6.52 -128.33	141.53 6.30 -58.44	102.81 6.01 -36.69	75.47 6.46 -13.79	76.98 6.13 -19.81
WOODARD___115KV_TB2 355635	38.13 0.07 -1.10	34.99 -0.10 -0.73	33.69 -0.27 -0.57	30.88 -0.37 -0.24	32.46 -0.29 -0.42	33.68 -0.23 -0.56	34.91 -0.14 -0.72	38.92 0.04 -1.19	52.80 0.00 -12.07	58.78 0.19 -12.07	67.98 0.33 -12.07	77.06 0.64 -12.07	80.68 0.88 -12.07	85.90 0.95 -12.07	85.85 1.17 -6.65	93.64 1.19 -7.65	119.30 1.08 -10.47	140.89 1.03 -11.10	123.13 1.55 -10.83	95.16 1.46 -7.93	84.70 1.23 -6.67	65.43 0.84 -4.48	59.31 0.39 -3.70	54.47 0.31 -3.12
YORK___WARBASSE 23770	40.18 3.22 -0.01	36.99 2.61 -0.01	35.56 2.17 -0.01	33.22 2.20 -0.01	34.50 2.17 -0.01	35.32 1.97 0.00	36.84 2.51 0.00	40.71 3.02 0.00	44.19 3.46 0.00	50.25 3.72 0.00	58.97 3.39 0.00	65.97 3.22 1.59	66.86 3.32 4.19	67.37 3.94 9.45	85.25 4.76 -2.46	84.29 5.09 5.60	109.29 6.47 4.94	125.49 7.34 10.60	93.82 5.76 22.68	81.37 3.35 7.75	81.62 3.15 -1.67	69.24 2.89 -6.25	60.32 3.64 -1.46	54.82 3.78 0.00