

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data		06/20/2024																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1 24138	EDT	38.35	34.27	33.42	32.05	32.09	32.27	31.13	41.85	43.44	50.98	60.45	70.23	75.85	86.35	98.88	110.09	141.15	160.16	136.94	101.05	83.84	75.89	53.80	47.35				
		2.84	1.97	1.92	1.61	1.61	1.65	1.76	3.06	3.51	3.82	3.90	4.16	4.96	5.65	6.90	8.05	11.78	13.58	10.73	7.28	5.72	4.92	3.57	3.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-2.77	-2.10	-1.45	-1.65	-2.77	-2.66	0.00	0.00				
74TH STREET_GT_1 24260	EDT	38.32	34.24	33.39	32.05	32.06	32.27	31.04	41.74	43.36	50.89	60.28	69.90	75.28	85.95	98.51	109.58	140.52	159.45	136.57	100.77	83.69	75.68	53.74	47.35				
		2.81	1.94	1.89	1.61	1.58	1.65	1.67	2.95	3.43	3.73	3.73	3.83	4.40	5.25	6.53	7.54	11.14	12.86	10.36	7.00	5.58	4.71	3.52	3.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-2.77	-2.10	-1.45	-1.65	-2.77	-2.66	0.00	0.00				
74TH STREET_GT_2 24261	EDT	38.32	34.24	33.39	32.05	32.06	32.27	31.04	41.74	43.36	50.89	60.28	69.90	75.28	85.95	98.51	109.58	140.52	159.45	136.57	100.77	83.69	75.68	53.74	47.35				
		2.81	1.94	1.89	1.61	1.58	1.65	1.67	2.95	3.43	3.73	3.73	3.83	4.40	5.25	6.53	7.54	11.14	12.86	10.36	7.00	5.58	4.71	3.52	3.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-2.77	-2.10	-1.45	-1.65	-2.77	-2.66	0.00	0.00				
ADK HUDSON___FALLS 24011	EDT	38.14	34.40	33.45	32.20	32.28	32.37	31.10	41.66	43.08	50.89	60.73	71.02	76.84	87.48	100.16	124.85	149.18	178.64	150.77	119.12	113.50	104.81	54.40	47.18				
		2.63	2.10	1.95	1.77	1.80	1.75	1.73	2.87	3.15	3.73	4.18	4.96	5.95	6.78	8.19	8.85	10.13	12.28	10.85	8.94	7.31	6.90	4.17	3.41				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.43	-12.44	-21.87	-15.16	-18.06	-30.85	-29.60	0.00	0.00				
ADK RESOURCE___RCVRY 23798	EDT	38.39	34.59	33.64	32.36	32.43	32.52	31.31	42.08	43.48	51.36	61.30	71.68	77.76	88.45	101.26	125.71	150.14	179.75	151.82	120.12	114.44	105.66	54.80	47.48				
		2.88	2.29	2.14	1.92	1.95	1.90	1.94	3.30	3.55	4.20	4.75	5.61	6.87	7.75	9.29	10.06	11.40	13.87	12.23	10.04	8.21	7.72	4.57	3.72				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.09	-12.13	-21.39	-14.82	-17.96	-30.89	-29.64	0.00	0.00				
ADK S GLENS___FALLS 24028	EDT	38.14	34.40	33.45	32.20	32.28	32.37	31.10	41.66	43.08	50.89	60.73	71.02	76.84	87.48	100.16	124.85	149.18	178.64	150.77	119.12	113.50	104.81	54.40	47.18				
		2.63	2.10	1.95	1.77	1.80	1.75	1.73	2.87	3.15	3.73	4.18	4.96	5.95	6.78	8.19	8.85	10.13	12.28	10.85	8.94	7.31	6.90	4.17	3.41				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.43	-12.44	-21.87	-15.16	-18.06	-30.85	-29.60	0.00	0.00				
ADK_NYS___DAM 23527	EDT	37.93	34.17	33.36	32.14	32.19	32.24	30.81	40.96	42.24	49.80	59.21	68.97	74.36	84.82	97.12	129.75	153.00	186.70	155.53	116.58	105.98	97.31	53.54	46.78				
		2.42	1.87	1.86	1.70	1.71	1.62	1.44	2.17	2.31	2.64	2.66	2.90	3.47	4.11	5.15	6.24	8.11	9.68	8.23	5.98	4.89	4.38	3.31	3.02				
		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	-22.95	-18.28	-32.53	-22.54	-18.47	-25.75	-24.63	0.00	0.00				
AIR_PRODUCTS___DRP 24190	EDT	36.65	33.11	32.38	31.29	31.27	31.33	29.93	39.60	40.88	48.16	57.34	66.86	71.46	81.35	93.08	74.81	99.74	108.59	100.11	86.95	82.62	75.37	51.48	44.94				
		1.14	0.81	0.88	0.85	0.79	0.70	0.56	0.81	0.96	0.99	0.79	0.79	0.57	0.65	1.10	1.51	2.03	2.75	2.12	1.57	1.36	1.16	1.26	1.18				
		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	27.27	28.89	38.64	26.78	6.73	-5.93	-5.90	0.00	0.00				
AKWESSNE_115KV_BK 355683	EDT	34.27	31.59	30.84	29.80	29.87	30.07	28.90	37.90	38.73	45.80	55.42	64.61	69.05	78.04	88.76	96.84	121.93	138.42	119.27	87.97	72.03	65.85	48.72	42.45				
		-1.24	-0.71	-0.66	-0.64	-0.61	-0.55	-0.47	-0.89	-1.20	-1.37	-1.13	-1.45	-1.84	-2.66	-3.22	-3.72	-4.68	-6.07	-5.49	-4.15	-3.32	-2.46	-1.51	-1.31				
		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	EDT	37.36	33.79	33.01	31.87	31.91	31.94	30.48	40.38	41.48	48.77	57.90	67.46	70.82	78.08	86.70	74.78	93.73	109.26	101.08	86.29	79.86	72.67	52.54	45.82				
		1.85	1.49	1.51	1.43	1.43	1.32	1.12	1.59	1.56	1.60	1.35	1.39	-0.07	-0.08	0.46	1.01	1.64	2.74	2.62	2.12	1.88	1.64	2.31	2.06				
		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	2.54	5.73	26.79	34.52	37.96	26.31	7.95	-2.63	-2.73	0.00	0.00			
ALBANY_2_SOLAR 323834	EDT	37.36	33.79	33.01	31.87	31.88	31.94	30.48	40.38	41.44	48.72	57.85	67.46	70.82	78.08	86.61	74.83	93.78	109.33	100.99	86.31	79.87	72.68	52.54	45.82				
		1.85	1.49	1.51	1.43	1.40	1.32	1.12	1.59	1.52	1.55	1.30	1.39	-0.07	-0.08	0.37	1.01	1.64	2.74	2.49	2.12	1.88	1.64	2.31	2.06				
		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	2.54	5.73	26.74	34.47	37.90	26.26	7.93	-2.64	-2.74	0.00	0.00			
ALBANY___1 23571	EDT	36.65	33.11	32.38	31.29	31.27	31.33	29.93	39.60	40.88	48.16	57.34	66.86	71.46	81.35	93.08	74.81	99.74	108.59	100.11	86.95	82.62	75.37	51.48	44.94				
		1.14	0.81	0.88	0.85	0.79	0.70	0.56	0.81	0.96	0.99	0.79	0.79	0.57	0.65	1.10	1.51	2.03	2.75	2.12	1.57	1.36	1.16	1.26	1.18				
		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	27.27	28.89	38.64	26.78	6.73	-5.93	-5.90	0.00	0.00			

ALBANY___2 23572	36.65 1.14 0.00	33.11 0.81 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.27 0.79 0.00	31.33 0.70 0.00	29.93 0.56 0.00	39.60 0.81 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.79 0.00	71.46 0.57 0.00	81.35 0.65 0.00	93.08 1.10 0.00	74.81 1.51 27.27	99.74 2.03 28.89	108.59 2.75 38.64	100.11 2.12 26.78	86.95 1.57 6.73	82.62 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
ALBANY___3 23573	36.65 1.14 0.00	33.11 0.81 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.27 0.79 0.00	31.33 0.70 0.00	29.93 0.56 0.00	39.60 0.81 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.79 0.00	71.46 0.57 0.00	81.35 0.65 0.00	93.08 1.10 0.00	74.81 1.51 27.27	99.74 2.03 28.89	108.59 2.75 38.64	100.11 2.12 26.78	86.95 1.57 6.73	82.62 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
ALBANY___4 23574	36.65 1.14 0.00	33.11 0.81 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.27 0.79 0.00	31.33 0.70 0.00	29.93 0.56 0.00	39.60 0.81 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.79 0.00	71.46 0.57 0.00	81.35 0.65 0.00	93.08 1.10 0.00	74.81 1.51 27.27	99.74 2.03 28.89	108.59 2.75 38.64	100.11 2.12 26.78	86.95 1.57 6.73	82.62 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
ALBANY___LFGE 323615	37.07 1.56 0.00	33.46 1.16 0.00	32.70 1.20 0.00	31.57 1.13 0.00	31.58 1.10 0.00	31.63 1.01 0.00	30.25 0.88 0.00	40.18 1.39 0.00	41.40 1.48 0.00	48.86 1.70 0.00	58.13 1.58 0.00	67.92 1.85 0.00	72.80 1.91 0.00	82.72 2.02 0.00	94.73 2.76 0.00	109.80 3.31 -5.93	133.64 4.31 -2.73	158.09 5.19 -8.40	134.83 4.24 -5.82	105.37 3.22 -10.03	97.25 2.64 -19.27	89.08 2.25 -18.52	52.14 1.91 0.00	45.51 1.75 0.00
ALCOA_PA_115KV_PL-6C 55860	34.23 -1.28 0.00	31.56 -0.74 0.00	30.81 -0.69 0.00	29.77 -0.67 0.00	29.84 -0.64 0.00	30.04 -0.58 0.00	28.90 -0.47 0.00	37.86 -0.93 0.00	38.65 -1.28 0.00	45.66 -1.51 0.00	55.25 -1.30 0.00	64.35 -1.72 0.00	68.76 -2.13 0.00	77.56 -3.15 0.00	88.30 -3.68 0.00	96.24 -4.32 0.00	121.17 -5.44 0.00	137.55 -6.94 0.00	118.65 -6.11 0.00	87.42 -4.70 0.00	71.57 -3.77 0.00	65.64 -2.66 0.00	48.67 -1.56 0.00	42.41 -1.36 0.00
ALCOA_RYNLDS___DRP 24188	34.23 -1.28 0.00	31.56 -0.74 0.00	30.81 -0.69 0.00	29.77 -0.67 0.00	29.84 -0.64 0.00	30.04 -0.58 0.00	28.90 -0.47 0.00	37.86 -0.93 0.00	38.65 -1.28 0.00	45.66 -1.51 0.00	55.25 -1.30 0.00	64.35 -1.72 0.00	68.76 -2.13 0.00	77.56 -3.15 0.00	88.30 -3.68 0.00	96.24 -4.32 0.00	121.17 -5.44 0.00	137.55 -6.94 0.00	118.65 -6.11 0.00	87.42 -4.70 0.00	71.57 -3.77 0.00	65.64 -2.66 0.00	48.67 -1.56 0.00	42.41 -1.36 0.00
ALCOA___DSASP 323711	34.24 -1.28 0.00	31.56 -0.74 0.00	30.81 -0.69 0.00	29.77 -0.67 0.00	29.84 -0.64 0.00	30.04 -0.58 0.00	28.90 -0.47 0.00	37.78 -1.01 0.00	38.65 -1.28 0.00	45.65 -1.51 0.00	55.25 -1.30 0.00	64.35 -1.72 0.00	68.27 -2.62 0.00	77.56 -3.15 0.00	88.29 -3.68 0.00	96.24 -4.32 0.00	121.17 -5.44 0.00	137.56 -6.93 0.00	118.65 -6.11 0.00	87.42 -4.69 0.00	71.65 -3.69 0.00	65.64 -2.67 0.00	48.67 -1.56 0.00	42.40 -1.36 0.00
ALLEGHENY___COGEN 23514	37.25 1.74 0.00	33.46 1.16 0.00	32.22 0.73 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.72 1.10 0.00	30.69 1.32 0.00	40.22 1.44 0.00	40.68 0.76 0.00	48.11 0.94 0.00	57.45 0.90 0.00	62.43 -3.63 0.00	67.35 -3.54 0.00	76.43 -4.28 0.00	86.64 -5.34 0.00	96.54 -4.03 0.00	119.90 -6.71 0.00	138.56 -5.93 0.00	122.01 -2.75 0.00	93.23 1.11 0.00	76.47 1.13 0.00	68.65 0.34 0.00	53.59 3.37 0.00	46.17 2.41 0.00
ALTAMONT_115KV_TB 2 55880	36.86 1.35 0.00	33.30 1.00 0.00	32.54 1.04 0.00	31.44 1.00 0.00	31.46 0.98 0.00	31.54 0.92 0.00	30.13 0.76 0.00	39.99 1.20 0.00	41.28 1.36 0.00	48.63 1.46 0.00	57.91 1.36 0.00	67.59 1.52 0.00	72.31 1.42 0.00	82.56 1.69 -0.16	94.54 2.21 -0.36	88.66 2.72 14.62	114.97 3.55 15.18	128.11 4.33 20.72	114.02 3.62 14.36	92.81 2.76 2.07	84.56 2.34 -6.89	77.09 2.05 -6.74	51.94 1.71 0.00	45.34 1.58 0.00
ALTONA_WT_PWR 323606	34.24 -1.28 0.00	31.56 -0.74 0.00	30.84 -0.66 0.00	29.86 -0.58 0.00	29.99 -0.49 0.00	30.28 -0.34 0.00	29.25 -0.12 0.00	38.32 -0.46 0.00	39.37 -0.56 0.00	46.55 -0.61 0.00	56.32 -0.23 0.00	65.61 -0.46 0.00	67.98 -2.91 0.00	76.43 -4.28 0.00	86.92 -5.06 0.00	94.83 -5.73 0.00	119.65 -6.96 0.00	135.97 -8.53 0.00	117.15 -7.61 0.00	86.41 -5.71 0.00	70.97 -4.37 0.00	65.91 -2.39 0.00	49.63 -0.60 0.00	43.19 -0.57 0.00
AMERICAN_REF_FUEL 24010	35.94 0.43 0.00	32.24 -0.06 0.00	31.03 -0.47 0.00	30.29 -0.15 0.00	30.27 -0.21 0.00	30.65 0.03 0.00	29.75 0.38 0.00	38.56 -0.23 0.00	39.65 -0.28 0.00	47.31 0.14 0.00	56.66 0.11 0.00	66.73 0.66 0.00	72.17 1.28 0.00	82.08 1.37 0.00	92.44 0.46 0.00	100.97 0.40 0.00	125.59 -1.02 0.00	144.06 -0.43 0.00	127.01 2.25 0.00	94.61 2.49 0.00	77.00 1.66 0.00	69.13 0.82 0.00	51.13 0.91 0.00	44.42 0.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.82 2.31 0.00	33.82 1.52 0.00	32.44 0.94 0.00	31.78 1.34 0.00	31.76 1.28 0.00	32.09 1.47 0.00	31.34 1.97 0.00	41.11 2.33 0.00	42.28 2.35 0.00	50.56 3.40 0.00	60.68 4.13 0.00	71.36 5.29 0.00	77.34 6.45 0.00	88.05 7.34 0.00	99.34 7.36 0.00	108.61 8.05 0.00	135.09 8.48 0.00	154.90 10.41 0.00	136.23 11.47 0.00	101.52 9.40 0.00	82.57 7.23 0.00	73.97 5.67 0.00	54.35 4.12 0.00	47.13 3.37 0.00
ARTHUR KILL_GT_1 23520	38.33 2.80 -0.01	34.28 1.97 -0.01	33.43 1.92 -0.01	32.09 1.64 -0.01	32.10 1.61 -0.01	32.12 1.50 0.00	30.86 1.50 0.00	41.54 2.75 0.00	43.07 3.15 0.01	43.79 3.30 6.68	43.82 2.77 15.50	44.40 2.84 24.51	46.04 3.68 28.53	55.97 3.64 28.37	68.93 4.87 27.92	74.56 5.83 31.83	88.36 9.62 47.87	108.48 10.98 46.99	91.13 8.60 42.23	71.29 5.53 26.35	55.43 4.37 24.28	45.82 4.03 26.51	43.85 2.96 9.34	43.78 3.37 3.35
ARTHUR_KILL_2 23512	38.19 2.66 -0.01	34.18 1.87 -0.01	33.30 1.79 -0.01	31.97 1.52 -0.01	32.01 1.52 -0.01	32.03 1.41 0.00	30.78 1.41 0.00	41.39 2.60 0.00	42.91 3.00 0.01	43.60 3.11 6.68	43.60 2.55 15.50	44.07 2.51 24.51	45.69 3.33 28.53	55.57 3.23 28.37	68.38 4.32 27.92	74.06 5.33 31.83	87.60 8.86 47.87	107.61 10.11 46.99	90.39 7.86 42.23	70.73 4.97 26.35	54.98 3.92 24.28	45.48 3.69 26.51	43.60 2.71 9.34	43.60 3.19 3.35
ARTHUR_KILL_3 23513	37.93 2.42 0.00	33.88 1.58 0.00	33.01 1.51 0.00	31.62 1.19 0.00	31.67 1.19 0.00	31.85 1.23 0.00	30.69 1.32 0.00	41.27 2.48 0.00	42.76 2.83 0.00	43.47 2.97 6.67	43.78 2.71 15.49	44.34 2.77 24.50	45.77 3.40 28.52	56.30 3.95 28.36	69.03 4.96 27.91	74.67 5.93 31.82	87.74 8.99 47.86	107.92 10.41 46.98	90.64 8.10 42.22	71.21 5.43 26.34	55.37 4.29 24.27	45.42 3.62 26.50	43.61 2.71 9.33	43.35 2.93 3.35

ARTHUR_KILL_COGEN 323718	38.33 2.80 -0.01	34.28 1.97 -0.01	33.43 1.92 -0.01	32.09 1.64 -0.01	32.10 1.61 -0.01	32.12 1.50 0.00	30.86 1.50 0.00	41.54 2.75 0.00	43.07 3.15 0.01	43.79 3.30 6.68	43.82 2.77 15.50	44.40 2.84 24.51	46.04 3.68 28.53	55.97 3.64 28.37	68.93 4.87 27.92	74.56 5.83 31.83	88.36 9.62 47.87	108.48 10.98 46.99	91.13 8.60 42.23	71.29 5.53 26.35	55.43 4.37 24.28	45.82 4.03 26.51	43.85 2.96 9.34	43.78 3.37 3.35
ASHOKAN____ 23654	38.00 2.49 0.00	34.11 1.81 0.00	33.29 1.79 0.00	32.08 1.64 0.00	32.12 1.64 0.00	32.15 1.53 0.00	30.63 1.26 0.00	40.45 1.67 0.00	41.60 1.68 0.00	48.91 1.75 0.00	58.02 1.47 0.00	67.72 1.65 0.00	72.73 1.84 0.00	83.69 5.17 2.19	93.58 6.53 4.93	90.02 7.94 18.49	113.66 11.52 24.47	132.46 14.17 26.20	119.46 12.85 18.15	96.36 9.67 5.43	84.67 7.39 -1.94	76.66 6.35 -2.00	53.19 2.96 0.00	46.43 2.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.03 1.58 -0.01	32.07 1.58 -0.01	32.22 1.59 -0.01	31.04 1.67 0.00	41.70 2.91 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.20 2.66 0.01	68.63 2.57 0.01	74.22 3.33 0.00	84.81 4.11 0.01	97.02 5.06 0.01	109.87 6.03 -3.27	139.26 9.88 -2.77	157.86 11.28 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.95 4.60 -3.02	74.85 3.89 -2.65	53.35 3.12 -0.01	47.19 3.42 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.03 1.58 -0.01	32.07 1.58 -0.01	32.22 1.59 -0.01	31.04 1.67 0.00	41.70 2.91 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.20 2.66 0.01	68.63 2.57 0.01	74.22 3.33 0.00	84.81 4.11 0.01	97.02 5.06 0.01	109.87 6.03 -3.27	139.26 9.88 -2.77	157.86 11.28 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.95 4.60 -3.02	74.85 3.89 -2.65	53.35 3.12 -0.01	47.19 3.42 -0.01
ASTORIA_GT2_1 24094	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT2_2 24095	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT2_3 24096	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT2_4 24097	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT3_1 24098	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT3_2 24099	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT3_3 24100	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT3_4 24101	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT4_1 24102	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT4_2 24103	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT4_3 24104	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01

ASTORIA_GT4_4 24105	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.28 1.65 -0.01	31.01 1.64 0.00	41.66 2.87 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.31 2.77 0.01	68.64 2.58 0.01	74.08 3.19 0.00	84.81 4.12 0.01	97.12 5.15 0.01	109.97 6.13 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.10 4.75 -3.02	74.92 3.96 -2.65	53.35 3.11 -0.01	47.23 3.46 -0.01
ASTORIA_GT_1 23523	38.40 2.88 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.64 -0.01	32.31 1.68 -0.01	31.13 1.76 0.00	41.81 3.03 0.00	43.24 3.31 0.00	50.56 3.40 0.00	59.42 2.88 0.01	68.83 2.77 0.01	74.50 3.61 0.00	85.05 4.36 0.01	97.39 5.43 0.01	110.27 6.44 -3.27	139.76 10.38 -2.77	158.44 11.85 -2.10	135.44 9.23 -1.45	99.94 6.17 -1.65	83.25 4.89 -3.02	75.13 4.17 -2.65	53.50 3.26 -0.01	47.31 3.54 -0.01
ASTORIA_GT_10 24110	38.18 2.66 0.00	34.11 1.81 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.50 2.72 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.70 2.64 0.01	74.08 3.19 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	138.62 9.24 -2.77	157.13 10.55 -2.10	134.45 8.23 -1.45	99.11 5.34 -1.65	82.40 4.29 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
ASTORIA_GT_11 24225	38.18 2.66 0.00	34.11 1.81 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.50 2.72 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.70 2.64 0.01	74.08 3.19 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	138.62 9.24 -2.77	157.13 10.55 -2.10	134.45 8.23 -1.45	99.11 5.34 -1.65	82.40 4.29 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
ASTORIA_GT_12 24226	38.18 2.66 0.00	34.11 1.81 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.50 2.72 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.70 2.64 0.01	74.08 3.19 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	138.62 9.24 -2.77	157.13 10.55 -2.10	134.45 8.23 -1.45	99.11 5.34 -1.65	82.40 4.29 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
ASTORIA_GT_13 24227	38.18 2.66 0.00	34.11 1.81 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.50 2.72 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.70 2.64 0.01	74.08 3.19 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	138.62 9.24 -2.77	157.13 10.55 -2.10	134.45 8.23 -1.45	99.11 5.34 -1.65	82.40 4.29 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
ASTORIA_GT_5 24106	38.40 2.88 -0.01	34.31 2.00 -0.01	33.43 1.92 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.34 1.71 -0.01	31.07 1.70 0.00	41.74 2.95 0.00	43.24 3.31 0.00	50.51 3.35 0.00	59.48 2.94 0.01	68.90 2.84 0.01	74.29 3.40 0.00	85.06 4.36 0.01	97.40 5.43 0.01	110.27 6.44 -3.27	139.76 10.38 -2.77	158.43 11.85 -2.10	135.44 9.23 -1.45	99.94 6.17 -1.65	83.33 4.97 -3.02	75.13 4.17 -2.65	53.50 3.26 -0.01	47.31 3.54 -0.01
ASTORIA_GT_7 24107	38.40 2.88 -0.01	34.31 2.00 -0.01	33.43 1.92 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.34 1.71 -0.01	31.07 1.70 0.00	41.74 2.95 0.00	43.24 3.31 0.00	50.51 3.35 0.00	59.48 2.94 0.01	68.90 2.84 0.01	74.29 3.40 0.00	85.06 4.36 0.01	97.40 5.43 0.01	110.27 6.44 -3.27	139.76 10.38 -2.77	158.43 11.85 -2.10	135.44 9.23 -1.45	99.94 6.17 -1.65	83.33 4.97 -3.02	75.13 4.17 -2.65	53.50 3.26 -0.01	47.31 3.54 -0.01
ASTORIA_GT_8 24108	38.40 2.88 -0.01	34.31 2.00 -0.01	33.43 1.92 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.34 1.71 -0.01	31.07 1.70 0.00	41.74 2.95 0.00	43.24 3.31 0.00	50.51 3.35 0.00	59.48 2.94 0.01	68.90 2.84 0.01	74.29 3.40 0.00	85.06 4.36 0.01	97.40 5.43 0.01	110.27 6.44 -3.27	139.76 10.38 -2.77	158.43 11.85 -2.10	135.44 9.23 -1.45	99.94 6.17 -1.65	83.33 4.97 -3.02	75.13 4.17 -2.65	53.50 3.26 -0.01	47.31 3.54 -0.01
ASTORIA___2 24149	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.06 1.61 -0.01	32.10 1.61 -0.01	32.25 1.62 -0.01	31.07 1.70 0.00	41.70 2.91 0.00	43.12 3.20 0.00	50.42 3.25 0.00	59.26 2.71 0.01	68.63 2.57 0.01	74.22 3.33 0.00	84.81 4.11 0.01	97.02 5.06 0.01	109.97 6.14 -3.27	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.66 5.90 -1.65	83.03 4.67 -3.02	74.92 3.96 -2.65	53.35 3.12 -0.01	47.23 3.46 -0.01
ASTORIA___3 23516	38.18 2.66 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.06 1.44 0.00	30.92 1.56 0.00	41.54 2.75 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.26 2.71 0.01	68.71 2.65 0.01	74.29 3.40 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.86 5.83 -1.47	138.62 9.24 -2.77	157.13 10.54 -2.10	134.44 8.23 -1.45	99.10 5.34 -1.65	82.32 4.22 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
ASTORIA___4 23517	38.18 2.66 0.00	34.11 1.81 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.50 2.72 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.70 2.64 0.01	74.08 3.19 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	138.62 9.24 -2.77	157.13 10.55 -2.10	134.45 8.23 -1.45	99.11 5.34 -1.65	82.40 4.29 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
ASTORIA___5 23518	38.18 2.66 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.06 1.44 0.00	30.92 1.56 0.00	41.54 2.75 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.26 2.71 0.01	68.71 2.65 0.01	74.29 3.40 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.86 5.83 -1.47	138.62 9.24 -2.77	157.13 10.54 -2.10	134.44 8.23 -1.45	99.10 5.34 -1.65	82.32 4.22 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
AST_ENERGY_2_CC3 323677	38.00 2.49 0.00	33.98 1.68 0.00	33.14 1.64 0.00	31.75 1.31 0.00	31.79 1.31 0.00	31.94 1.32 0.00	30.78 1.41 0.00	41.35 2.56 0.00	42.92 3.00 0.00	50.33 3.16 0.00	59.55 3.00 0.00	69.17 3.11 0.00	74.64 3.75 0.00	84.98 4.27 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.00 9.62 -2.77	157.71 11.13 -2.10	134.94 8.73 -1.45	99.67 5.90 -1.65	82.79 4.67 -2.77	74.93 3.96 -2.66	53.19 2.96 0.00	46.91 3.15 0.00
AST_ENERGY_2_CC4 323678	38.00 2.49 0.00	33.98 1.68 0.00	33.14 1.64 0.00	31.75 1.31 0.00	31.79 1.31 0.00	31.94 1.32 0.00	30.78 1.41 0.00	41.35 2.56 0.00	42.92 3.00 0.00	50.33 3.16 0.00	59.55 3.00 0.00	69.17 3.11 0.00	74.64 3.75 0.00	84.98 4.27 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.00 9.62 -2.77	157.71 11.13 -2.10	134.94 8.73 -1.45	99.67 5.90 -1.65	82.79 4.67 -2.77	74.93 3.96 -2.66	53.19 2.96 0.00	46.91 3.15 0.00

ATHENS_STG_1 23668	36.97 1.46 0.00	33.33 1.03 0.00	32.60 1.10 0.00	31.44 1.00 0.00	31.48 1.00 0.00	31.54 0.92 0.00	30.16 0.79 0.00	40.11 1.32 0.00	41.44 1.52 0.00	48.86 1.70 0.00	57.96 1.41 0.00	67.59 1.52 0.00	72.73 1.84 0.00	82.80 2.09 0.00	94.73 2.76 0.00	103.88 3.31 0.00	131.16 4.55 0.00	149.84 5.35 0.00	129.12 4.36 0.00	96.02 3.13 -0.77	79.74 2.56 -1.84	72.33 2.25 -1.77	51.94 1.71 0.00	45.42 1.66 0.00
ATHENS_STG_2 23670	36.97 1.46 0.00	33.33 1.03 0.00	32.60 1.10 0.00	31.44 1.00 0.00	31.48 1.00 0.00	31.54 0.92 0.00	30.16 0.79 0.00	40.11 1.32 0.00	41.44 1.52 0.00	48.86 1.70 0.00	57.96 1.41 0.00	67.59 1.52 0.00	72.73 1.84 0.00	82.80 2.09 0.00	94.73 2.76 0.00	103.88 3.31 0.00	131.16 4.55 0.00	149.84 5.35 0.00	129.12 4.36 0.00	96.02 3.13 -0.77	79.74 2.56 -1.84	72.33 2.25 -1.77	51.94 1.71 0.00	45.42 1.66 0.00
ATHENS_STG_3 23677	36.97 1.46 0.00	33.33 1.03 0.00	32.60 1.10 0.00	31.44 1.00 0.00	31.48 1.00 0.00	31.54 0.92 0.00	30.16 0.79 0.00	40.11 1.32 0.00	41.44 1.52 0.00	48.86 1.70 0.00	57.96 1.41 0.00	67.59 1.52 0.00	72.73 1.84 0.00	82.80 2.09 0.00	94.73 2.76 0.00	103.88 3.31 0.00	131.16 4.55 0.00	149.84 5.35 0.00	129.12 4.36 0.00	96.02 3.13 -0.77	79.74 2.56 -1.84	72.33 2.25 -1.77	51.94 1.71 0.00	45.42 1.66 0.00
AUBURN___LFGE 323710	37.13 0.71 -0.91	33.14 0.45 -0.39	32.03 0.28 -0.25	30.85 0.33 -0.08	30.90 0.34 -0.08	31.13 0.40 -0.11	29.95 0.59 0.00	41.42 1.01 -1.62	42.68 1.16 -1.59	51.41 1.51 -2.74	62.66 1.70 -4.42	74.37 2.38 -5.93	80.14 2.55 -6.70	91.92 2.99 -8.23	104.61 3.13 -9.50	114.83 3.42 -10.84	143.72 4.18 -12.93	162.48 5.49 -12.50	142.40 5.49 -12.15	106.13 4.24 -9.77	85.96 3.32 -7.31	77.16 2.60 -6.26	54.80 1.31 -3.27	46.97 0.83 -2.37
BABYLON_RES_REC 323704	84.11 3.38 -45.22	52.29 2.49 -17.50	47.25 2.39 -13.36	44.89 2.13 -12.32	41.11 2.13 -8.49	44.75 2.14 -11.99	42.67 2.20 -11.10	52.57 3.49 -10.29	62.48 3.91 -18.64	78.10 4.34 -26.60	64.62 4.47 -3.61	74.69 4.69 -3.93	85.69 5.74 -9.06	93.62 6.69 -6.22	114.30 8.10 -14.23	194.18 9.25 -84.37	212.24 13.04 -72.59	252.08 15.17 -92.42	245.89 12.47 -108.65	112.10 8.84 -11.14	99.45 7.08 -17.03	90.86 6.08 -16.48	70.02 4.32 -15.47	65.45 4.16 -17.53
BABYLON___69_KV_BK2 356345	84.68 3.94 -45.22	52.74 2.94 -17.50	47.72 2.87 -13.36	45.35 2.59 -12.32	41.53 2.56 -8.49	45.24 2.63 -11.99	43.08 2.61 -11.10	53.11 4.03 -10.29	63.16 4.59 -18.64	78.91 5.14 -26.60	65.70 5.54 -3.61	82.42 5.81 -10.54	87.21 6.73 -9.59	98.26 8.15 -9.40	127.04 9.47 -25.59	211.01 10.86 -99.58	222.27 15.07 -80.60	256.88 17.48 -94.91	247.89 14.47 -108.65	129.49 10.32 -27.06	106.94 8.59 -23.01	94.59 7.24 -19.05	73.53 5.17 -18.13	66.20 4.90 -17.53
BALL_HILL_WT_PWR 323825	37.22 1.70 0.00	33.33 1.03 0.00	32.03 0.53 0.00	31.38 0.94 0.00	31.36 0.88 0.00	31.66 1.04 0.00	30.81 1.44 0.00	40.30 1.51 0.00	41.44 1.52 0.00	49.48 2.31 0.00	59.32 2.77 0.00	69.83 3.76 0.00	75.64 4.75 0.00	86.11 5.41 0.00	97.12 5.15 0.00	106.19 5.63 0.00	132.17 5.56 0.00	151.71 7.22 0.00	133.36 8.60 0.00	99.31 7.19 0.00	80.69 5.35 0.00	72.34 4.03 0.00	53.24 3.01 0.00	46.17 2.41 0.00
BARON_WINDS___WT_PWR 323822	37.05 1.31 -0.22	33.17 0.77 -0.10	31.97 0.41 -0.06	31.13 0.67 -0.02	31.14 0.64 -0.02	31.44 0.79 -0.03	30.45 1.09 0.00	40.62 1.44 -0.40	41.72 1.40 -0.39	49.82 1.98 -0.68	60.02 2.37 -1.09	70.58 3.04 -1.47	76.23 3.68 -1.66	86.94 4.19 -2.04	98.37 4.04 -2.35	107.78 4.53 -2.68	134.62 4.81 -3.20	154.09 6.51 -3.09	135.00 7.23 -3.01	100.52 5.98 -2.42	81.67 4.52 -1.81	73.34 3.48 -1.55	53.35 2.31 -0.81	46.14 1.79 -0.59
BARRETT_IC_1 23704	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_10 23701	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	83.21 6.93 24.29	205.63 10.25 -68.77	247.58 11.85 -91.24	242.76 9.36 -108.64	102.29 6.64 -3.54	80.37 5.13 0.10	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_11 23702	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	83.21 6.93 24.29	205.63 10.25 -68.77	247.58 11.85 -91.24	242.76 9.36 -108.64	102.29 6.64 -3.54	80.37 5.13 0.10	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_12 23703	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	83.21 6.93 24.29	205.63 10.25 -68.77	247.58 11.85 -91.24	242.76 9.36 -108.64	102.29 6.64 -3.54	80.37 5.13 0.10	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_2 23705	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_3 23706	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_4 23707	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54

BARRETT_IC_5 23708	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_6 23709	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_7 23710	83.65 2.91 -45.22	51.94 2.13 -17.50	46.94 2.08 -13.36	44.59 1.83 -12.32	40.80 1.83 -8.49	44.48 1.87 -11.99	42.29 1.82 -11.10	51.83 2.75 -10.29	61.76 3.19 -18.64	77.31 3.54 -26.60	63.77 3.62 -3.61	69.90 3.83 0.00	84.10 4.40 -8.81	90.41 5.00 -4.70	106.96 6.16 -8.82	197.20 7.04 -89.60	205.64 10.26 -68.77	247.58 11.85 -91.24	242.90 9.48 -108.65	102.67 7.00 -3.56	96.55 5.27 -15.94	88.28 4.71 -15.26	67.89 3.77 -13.89	65.01 3.72 -17.53
BARRETT_IC_8 23711	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT_IC_9 23700	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	83.21 6.93 24.29	205.63 10.25 -68.77	247.58 11.85 -91.24	242.76 9.36 -108.64	102.29 6.64 -3.54	80.37 5.13 0.10	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT___1 23545	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	197.10 6.93 -89.60	205.63 10.25 -68.77	247.58 11.85 -91.24	242.78 9.36 -108.65	102.31 6.64 -3.56	96.41 5.13 -15.94	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BARRETT___2 23546	83.68 2.95 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.59 1.83 -12.32	40.83 1.86 -8.49	44.45 1.84 -11.99	42.32 1.85 -11.10	51.87 2.79 -10.29	61.76 3.20 -18.64	77.31 3.54 -26.60	63.72 3.56 -3.61	69.90 3.83 0.00	84.31 4.61 -8.81	90.41 5.01 -4.70	106.96 6.16 -8.82	83.21 6.93 24.29	205.63 10.25 -68.77	247.58 11.85 -91.24	242.76 9.36 -108.64	102.29 6.64 -3.54	80.37 5.13 0.10	88.35 4.78 -15.26	67.90 3.77 -13.90	65.02 3.72 -17.54
BATAVIA__115KV_TB1 55881	37.43 1.92 0.00	33.53 1.23 0.00	32.22 0.72 0.00	31.41 0.97 0.00	31.61 1.13 0.00	31.63 1.01 0.00	31.01 1.64 0.00	40.11 1.32 0.00	41.60 1.68 0.00	49.48 2.31 0.00	59.15 2.60 0.00	69.90 3.83 0.00	74.43 3.54 0.00	84.82 4.12 0.00	95.75 3.77 0.00	104.79 4.22 0.00	130.66 4.05 0.00	150.13 5.64 0.00	132.25 7.49 0.00	98.47 6.36 0.00	80.01 4.67 0.00	71.79 3.48 0.00	53.49 3.26 0.00	46.26 2.49 0.00
BAYONEEC___CTG1 323682	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG10 323750	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG2 323683	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG3 323684	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG4 323685	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG5 323686	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG6 323687	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00

BAYONEEC___CTG7 323688	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG8 323689	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BAYONEEC___CTG9 323749	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.78 1.34 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.84 1.47 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.37 3.21 0.00	59.59 3.05 0.01	69.17 3.11 0.01	74.71 3.83 0.01	85.04 4.36 0.02	97.48 5.52 0.01	108.56 6.53 -1.46	139.12 9.75 -2.76	157.86 11.28 -2.09	135.06 8.86 -1.44	99.74 5.98 -1.64	82.77 4.67 -2.76	74.98 4.03 -2.64	53.18 2.96 0.02	46.95 3.19 0.00
BEACON___LESR 323632	37.32 1.81 0.00	33.66 1.36 0.00	32.88 1.38 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.81 1.19 0.00	30.45 1.09 0.00	40.45 1.67 0.00	41.68 1.75 0.00	49.15 1.98 0.00	58.47 1.92 0.00	68.25 2.18 0.00	73.01 2.12 0.00	82.96 2.26 0.00	95.01 3.03 0.00	51.90 3.72 52.39	78.22 4.81 53.20	76.32 6.07 74.24	78.43 5.12 51.44	77.66 3.69 18.15	77.32 3.09 1.12	70.27 2.66 0.70	52.49 2.26 0.00	45.78 2.01 0.00
BEAVER RIVER___HYD 24048	36.96 0.92 -0.53	33.30 0.77 -0.22	32.24 0.60 -0.14	31.09 0.61 -0.05	31.14 0.61 -0.05	31.45 0.77 -0.06	30.31 0.94 0.00	40.93 1.20 -0.94	41.85 1.00 -0.93	49.75 0.99 -1.59	60.19 1.07 -2.57	70.90 1.39 -3.45	75.91 1.13 -3.89	85.49 0.00 -4.79	97.59 0.09 -5.53	106.77 -0.10 -6.31	134.26 0.13 -7.52	152.78 1.02 -7.27	133.33 1.50 -7.07	99.36 1.56 -5.68	80.87 1.28 -4.25	74.54 2.60 -3.64	53.94 1.81 -1.90	46.50 1.36 -1.38
BEEBEE_GT_13 23619	36.61 1.10 0.00	32.98 0.68 0.00	31.85 0.35 0.00	30.93 0.49 0.00	31.03 0.55 0.00	31.11 0.49 0.00	30.28 0.91 0.00	39.56 1.04 0.00	40.96 1.56 0.00	48.72 1.75 0.00	58.30 1.75 0.00	68.78 2.71 0.00	74.08 3.19 0.00	84.50 3.79 0.00	95.65 3.68 0.00	104.69 4.12 0.00	130.79 4.18 0.00	150.13 5.64 0.00	131.25 6.49 0.00	97.28 5.16 0.00	79.26 3.92 0.00	71.18 2.87 0.00	52.34 2.11 0.00	45.21 1.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.61 3.09 -0.01	34.47 2.16 -0.01	33.59 2.08 -0.01	32.24 1.80 -0.01	32.26 1.77 -0.01	32.40 1.78 0.00	31.10 1.73 0.00	41.89 3.10 0.00	43.56 3.63 0.00	51.09 3.91 -0.01	60.11 3.56 0.00	69.77 3.70 0.00	75.28 4.40 0.00	85.38 4.68 0.01	97.95 5.98 0.01	109.07 7.04 -1.47	140.39 11.02 -2.77	159.16 12.57 -2.10	136.19 9.98 -1.45	100.30 6.54 -1.65	83.38 5.27 -2.76	75.60 4.64 -2.65	53.74 3.52 0.00	47.62 3.85 -0.01
BETHLEHEM___GRP 23843	36.65 1.14 0.00	33.11 0.81 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.27 0.79 0.00	31.33 0.70 0.00	29.93 0.56 0.00	39.60 0.81 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.79 0.00	71.46 0.57 0.00	81.35 0.65 0.00	93.08 1.10 0.00	74.81 1.51 27.27	99.74 2.03 28.89	108.59 2.75 38.64	100.11 2.12 26.78	86.95 1.57 6.73	82.62 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
BETHLEHEM___GS1 323560	36.65 1.14 0.00	33.14 0.84 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.30 0.82 0.00	31.33 0.70 0.00	29.92 0.56 0.00	39.68 0.89 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.80 0.00	71.53 0.64 0.00	81.35 0.64 0.00	93.08 1.11 0.00	74.81 1.51 27.27	99.73 2.02 28.89	108.59 2.74 38.64	100.10 2.12 26.78	86.95 1.56 6.73	82.63 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
BETHLEHEM___GS2 323561	36.65 1.14 0.00	33.14 0.84 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.30 0.82 0.00	31.33 0.70 0.00	29.92 0.56 0.00	39.68 0.89 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.80 0.00	71.53 0.64 0.00	81.35 0.64 0.00	93.08 1.11 0.00	74.81 1.51 27.27	99.73 2.02 28.89	108.59 2.74 38.64	100.10 2.12 26.78	86.95 1.56 6.73	82.63 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
BETHLEHEM___GS3 323562	36.65 1.14 0.00	33.14 0.84 0.00	32.38 0.88 0.00	31.29 0.85 0.00	31.30 0.82 0.00	31.33 0.70 0.00	29.92 0.56 0.00	39.68 0.89 0.00	40.88 0.96 0.00	48.16 0.99 0.00	57.34 0.79 0.00	66.86 0.80 0.00	71.53 0.64 0.00	81.35 0.64 0.00	93.08 1.11 0.00	74.81 1.51 27.27	99.73 2.02 28.89	108.59 2.74 38.64	100.10 2.12 26.78	86.95 1.56 6.73	82.63 1.36 -5.93	75.37 1.16 -5.90	51.48 1.26 0.00	44.94 1.18 0.00
BETHLEHEM___STEEL 23779	37.15 1.63 0.00	33.30 1.00 0.00	31.97 0.47 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.39 0.77 0.00	30.78 1.41 0.00	39.76 0.97 0.00	41.24 1.32 0.00	49.29 2.12 0.00	58.98 2.43 0.00	69.57 3.50 0.00	75.21 4.32 0.00	85.79 5.08 0.00	96.76 4.78 0.00	105.79 5.23 0.00	131.67 5.06 0.00	150.99 6.50 0.00	132.87 8.11 0.00	98.93 6.82 0.00	80.39 5.05 0.00	72.06 3.76 0.00	53.09 2.86 0.00	46.04 2.28 0.00
BETHLHEM_115KV_TB1 79974	36.68 1.17 0.00	33.17 0.87 0.00	32.41 0.91 0.00	31.32 0.88 0.00	31.33 0.85 0.00	31.39 0.77 0.00	29.95 0.59 0.00	39.68 0.89 0.00	40.96 1.04 0.00	48.25 1.08 0.00	57.45 0.90 0.00	66.99 0.92 0.00	71.60 0.71 0.00	81.51 0.81 0.00	93.26 1.29 0.00	76.61 1.71 25.67	101.71 2.28 27.18	111.15 3.03 36.38	101.93 2.37 25.21	87.59 1.75 6.27	82.58 1.51 -5.74	75.31 1.30 -5.71	51.53 1.31 0.00	45.03 1.27 0.00
BETHPAGE_CC_5 323564	83.68 2.95 -45.22	51.97 2.16 -17.50	47.00 2.14 -13.36	44.65 1.89 -12.32	40.89 1.92 -8.49	44.51 1.90 -11.99	42.41 1.94 -11.10	52.14 3.06 -10.29	62.03 3.47 -18.64	77.64 3.87 -26.60	64.05 3.90 -3.61	72.41 4.16 -2.17	84.95 5.17 -8.88	91.81 5.97 -5.13	109.61 7.26 -10.37	188.76 8.54 -79.65	208.51 12.03 -69.86	250.08 14.01 -91.58	244.76 11.35 -108.65	105.76 7.92 -5.72	96.65 6.25 -15.06	89.31 5.39 -15.61	68.81 3.82 -14.77	65.01 3.72 -17.53
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.29 1.78 0.00	33.40 1.10 0.00	32.07 0.57 0.00	31.38 0.94 0.00	31.46 0.98 0.00	31.48 0.86 0.00	30.89 1.53 0.00	39.91 1.12 0.00	41.40 1.48 0.00	49.48 2.31 0.00	59.21 2.66 0.00	69.90 3.83 0.00	75.64 4.75 0.00	86.27 5.57 0.00	97.31 5.33 0.00	106.40 5.83 0.00	132.43 5.82 0.00	152.00 7.51 0.00	133.62 8.86 0.00	99.39 7.28 0.00	80.84 5.50 0.00	72.41 4.10 0.00	53.29 3.06 0.00	46.21 2.45 0.00

BINGHAMTON___COGEN 23790	36.98 1.07 -0.40	33.18 0.71 -0.17	32.14 0.54 -0.11	31.08 0.61 -0.04	31.13 0.61 -0.04	31.28 0.61 -0.05	30.10 0.73 0.00	40.56 1.05 -0.73	41.83 1.20 -0.71	49.90 1.51 -1.22	60.16 1.64 -1.97	70.90 2.18 -2.65	76.36 2.48 -2.99	87.37 2.99 -3.68	99.44 3.22 -4.25	109.03 3.62 -4.85	136.57 4.18 -5.78	155.57 5.49 -5.59	135.68 5.49 -5.43	101.20 4.33 -4.76	82.93 3.39 -4.20	74.67 2.66 -3.70	53.35 1.66 -1.46	46.14 1.31 -1.06
BIXINCNT_115KV_LOAD 355685	37.39 1.88 0.00	33.46 1.16 0.00	32.13 0.63 0.00	31.44 1.00 0.00	31.49 1.01 0.00	31.60 0.98 0.00	30.98 1.62 0.00	40.07 1.28 0.00	41.64 1.72 0.00	49.85 2.69 0.00	59.77 3.22 0.00	70.49 4.43 0.00	76.28 5.39 0.00	87.00 6.30 0.00	98.14 6.16 0.00	107.30 6.74 0.00	133.45 6.84 0.00	153.02 8.52 0.00	134.37 9.61 0.00	100.04 7.92 0.00	81.37 6.03 0.00	72.82 4.51 0.00	53.39 3.16 0.00	46.34 2.58 0.00
BLACK RIVER___HYD 24047	37.72 1.31 -0.89	33.68 1.00 -0.38	32.53 0.79 -0.24	31.34 0.82 -0.08	31.38 0.82 -0.08	31.74 1.01 -0.11	30.57 1.20 0.00	42.02 1.63 -1.60	42.93 1.44 -1.57	51.41 1.55 -2.70	62.48 1.58 -4.35	74.09 2.18 -5.84	79.61 2.12 -6.60	89.86 1.05 -8.11	102.63 1.29 -9.36	112.36 1.11 -10.69	140.75 1.40 -12.74	159.69 2.89 -12.32	140.22 3.49 -11.97	105.06 3.31 -9.63	85.25 2.71 -7.20	78.37 3.89 -6.17	55.91 2.46 -3.22	47.94 1.84 -2.34
BLACKRVR_115KV_TB2 79977	37.72 1.31 -0.89	33.71 1.03 -0.38	32.53 0.79 -0.24	31.34 0.82 -0.08	31.38 0.82 -0.08	31.71 0.98 -0.11	30.60 1.23 0.00	41.98 1.59 -1.60	42.93 1.44 -1.57	51.42 1.56 -2.70	62.49 1.58 -4.35	74.09 2.18 -5.84	79.62 2.13 -6.60	89.87 1.05 -8.11	102.63 1.29 -9.36	112.36 1.11 -10.69	140.75 1.39 -12.74	159.70 2.89 -12.32	140.23 3.49 -11.97	105.06 3.32 -9.63	85.25 2.71 -7.20	78.37 3.89 -6.17	55.91 2.46 -3.22	47.94 1.84 -2.34
BLISS_WT_PWR 323608	37.25 1.74 0.00	33.37 1.06 0.00	32.03 0.53 0.00	31.41 0.97 0.00	31.36 0.88 0.00	31.72 1.10 0.00	30.89 1.53 0.00	40.45 1.67 0.00	41.60 1.68 0.00	49.85 2.69 0.00	59.89 3.34 0.00	70.50 4.43 0.00	76.49 5.60 0.00	87.00 6.30 0.00	98.14 6.16 0.00	107.30 6.74 0.00	133.32 6.71 0.00	152.87 8.38 0.00	134.24 9.48 0.00	99.94 7.83 0.00	81.29 5.95 0.00	72.74 4.44 0.00	53.34 3.12 0.00	46.30 2.54 0.00
BLUESTONE___WT_PWR 323821	39.02 3.16 -0.35	34.97 2.52 -0.15	33.80 2.20 -0.09	32.69 2.22 -0.03	32.71 2.20 -0.03	33.02 2.36 -0.04	31.86 2.49 0.00	43.02 3.61 -0.63	44.21 3.67 -0.61	52.56 4.34 -1.05	63.17 4.92 -1.70	74.50 6.15 -2.29	80.28 6.81 -2.58	91.79 7.91 -3.17	104.47 8.83 -3.66	114.19 9.45 -4.18	143.49 11.90 -4.99	165.06 15.75 -4.82	144.03 14.59 -4.68	107.66 11.05 -4.49	88.71 8.81 -4.56	80.05 7.65 -4.09	56.46 4.97 -1.26	48.79 4.11 -0.91
BLUE_CIRC_CHEM_DRP 24182	37.07 1.56 0.00	33.53 1.23 0.00	32.76 1.26 0.00	31.66 1.22 0.00	31.67 1.19 0.00	31.72 1.10 0.00	30.28 0.91 0.00	40.11 1.32 0.00	41.28 1.36 0.00	48.58 1.41 0.00	57.79 1.24 0.00	67.39 1.32 0.00	70.39 -0.50 0.00	77.62 -0.56 2.52	86.12 -0.18 5.67	75.24 0.20 25.53	93.77 0.38 33.22	109.32 1.01 36.18	100.56 0.87 25.07	85.54 0.83 7.40	79.08 0.83 -2.91	71.98 0.68 -2.99	52.14 1.91 0.00	45.51 1.75 0.00
BOC_GAS_DRP 24189	36.72 1.21 0.00	33.17 0.87 0.00	32.44 0.94 0.00	31.32 0.88 0.00	31.36 0.88 0.00	31.42 0.80 0.00	30.01 0.65 0.00	39.80 1.01 0.00	41.08 1.16 0.00	48.39 1.23 0.00	57.62 1.07 0.00	67.19 1.12 0.00	71.81 0.92 0.00	82.01 1.13 -0.17	93.93 1.56 -0.39	85.69 1.91 16.78	112.08 2.66 17.19	124.03 3.32 23.78	110.90 2.62 16.48	90.34 1.93 3.71	81.68 1.66 -4.68	74.37 1.43 -4.63	51.63 1.41 0.00	45.12 1.36 0.00
BOONVILLE_115KV_TB1 79983	37.26 1.49 -0.25	33.60 1.20 -0.11	32.61 1.04 -0.07	31.47 1.00 -0.02	31.51 1.01 -0.02	31.75 1.10 -0.03	30.54 1.17 0.00	40.87 1.63 -0.45	42.04 1.68 -0.44	49.81 1.89 -0.76	59.87 2.09 -1.23	70.36 2.64 -1.64	75.30 2.55 -1.86	85.57 2.58 -2.28	97.74 3.13 -2.64	106.79 3.22 -3.01	134.50 4.30 -3.59	153.88 5.92 -3.47	133.62 5.49 -3.37	99.07 4.24 -2.71	80.76 3.39 -2.03	73.53 3.48 -1.74	53.60 2.46 -0.91	46.39 1.97 -0.66
BORALEX_4TH_BRANCH 23824	37.89 2.38 0.00	34.17 1.87 0.00	33.36 1.86 0.00	32.14 1.70 0.00	32.19 1.71 0.00	32.24 1.62 0.00	30.81 1.44 0.00	40.88 2.09 0.00	42.24 2.32 0.00	49.81 2.64 0.00	59.21 2.66 0.00	68.97 2.91 0.00	74.22 3.33 0.00	84.82 4.12 0.00	97.13 5.15 0.00	129.75 6.23 -22.95	152.99 8.10 -18.28	186.70 9.68 -32.53	155.53 8.23 -22.54	116.58 5.99 -18.47	106.06 4.97 -25.75	97.31 4.37 -24.63	53.54 3.32 0.00	46.78 3.02 0.00
BOWLINE___1 23526	37.50 1.99 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.58 1.10 0.00	31.72 1.10 0.00	30.51 1.14 0.00	40.57 1.79 0.00	42.04 2.11 0.00	49.43 2.26 0.00	58.64 2.09 0.00	68.25 2.18 0.00	73.73 2.84 0.00	83.94 3.23 0.00	96.12 4.14 0.00	105.59 5.03 0.00	136.73 7.60 -2.52	153.31 8.82 0.00	131.74 6.98 0.00	97.84 4.79 -0.93	81.27 3.69 -2.24	73.61 3.14 -2.16	52.44 2.21 0.00	46.08 2.32 0.00
BOWLINE___2 23595	37.54 2.02 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.75 1.13 0.00	30.51 1.14 0.00	40.57 1.79 0.00	42.04 2.11 0.00	49.48 2.31 0.00	58.64 2.09 0.00	68.25 2.18 0.00	73.73 2.84 0.00	83.94 3.23 0.00	96.12 4.14 0.00	105.59 5.03 0.00	136.73 7.60 -2.53	153.31 8.82 0.00	131.74 6.98 0.00	97.84 4.79 -0.93	81.35 3.77 -2.24	73.68 3.21 -2.16	52.44 2.21 0.00	46.08 2.32 0.00
BRADY___115KV_TB2 356060	34.48 -1.03 0.00	31.78 -0.52 0.00	31.03 -0.47 0.00	29.98 -0.46 0.00	30.05 -0.43 0.00	30.28 -0.34 0.00	29.16 -0.21 0.00	38.17 -0.62 0.00	38.81 -1.12 0.00	45.80 -1.37 0.00	55.36 -1.19 0.00	64.48 -1.59 0.00	68.98 -1.91 0.00	77.72 -2.99 0.00	88.57 -3.40 0.00	96.44 -4.12 0.00	121.55 -5.06 0.00	137.84 -6.65 0.00	119.15 -5.61 0.00	87.97 -4.15 0.00	72.03 -3.32 0.00	66.19 -2.12 0.00	49.12 -1.11 0.00	42.76 -1.01 0.00
BRANSCOMB___SOLAR 323811	37.89 2.38 0.00	34.17 1.87 0.00	33.29 1.79 0.00	32.08 1.64 0.00	32.12 1.64 0.00	32.21 1.59 0.00	30.86 1.50 0.00	41.19 2.41 0.00	42.44 2.52 0.00	50.09 2.93 0.00	59.71 3.16 0.00	69.77 3.70 0.00	75.36 4.47 0.00	85.71 5.01 0.00	98.23 6.26 0.00	125.90 7.04 -18.30	149.95 8.35 -14.99	180.84 10.41 -25.94	151.84 9.10 -17.97	118.22 7.19 -18.91	111.86 5.95 -30.57	103.01 5.39 -29.31	53.74 3.51 0.00	46.74 2.98 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	84.46 3.73 -45.22	52.55 2.75 -17.50	47.53 2.68 -13.36	45.19 2.44 -12.32	41.38 2.41 -8.49	45.09 2.48 -11.99	42.91 2.44 -11.10	52.92 3.84 -10.29	62.88 4.31 -18.64	78.58 4.81 -26.60	65.19 5.03 -3.61	97.87 5.09 -26.71	86.16 5.67 -9.60	97.03 6.86 -9.47	125.72 7.91 -25.83	208.83 8.75 -99.52	219.78 12.41 -80.77	253.90 14.45 -94.96	245.14 11.73 -108.65	127.80 8.29 -27.39	105.81 7.38 -23.09	93.62 6.22 -19.10	79.43 4.57 -24.63	65.76 4.46 -17.53

BRISTLHL_115KV_TB1 79998	37.37 -0.11 -1.96	32.88 -0.26 -0.84	31.68 -0.35 -0.53	30.31 -0.30 -0.17	30.35 -0.30 -0.17	30.55 -0.31 -0.23	29.16 -0.21 0.00	42.23 -0.08 -3.52	43.30 -0.08 -3.45	53.09 0.00 -5.93	66.01 -0.11 -9.57	78.98 0.07 -12.85	85.55 0.14 -14.51	98.95 0.40 -17.84	112.85 0.28 -20.60	124.37 0.30 -23.50	155.02 0.38 -28.03	172.44 0.87 -27.09	152.22 1.12 -26.34	114.31 1.01 -21.18	91.85 0.68 -15.83	82.29 0.41 -13.57	57.22 -0.10 -7.09	48.69 -0.22 -5.14
BROOKHAVEN___DRP 24191	84.47 3.73 -45.23	52.55 2.75 -17.50	47.50 2.65 -13.36	45.16 2.40 -12.32	41.32 2.35 -8.49	45.06 2.45 -11.99	42.88 2.41 -11.10	52.88 3.80 -10.29	62.92 4.35 -18.65	78.53 4.76 -26.60	65.20 5.03 -3.62	79.22 5.09 -8.06	89.15 5.74 -12.52	114.89 6.94 -27.24	189.48 8.28 -89.23	294.67 9.35 -184.76	264.99 12.91 -125.47	268.36 15.03 -108.84	245.77 12.35 -108.66	217.10 8.75 -116.24	139.24 7.38 -56.52	108.08 6.35 -33.42	71.83 4.47 -17.13	65.72 4.42 -17.54
BROOKLYN_NAVY_YARD 23515	38.10 2.59 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.81 1.37 0.00	31.85 1.37 0.00	32.00 1.38 0.00	30.86 1.50 0.00	41.46 2.67 0.00	43.04 3.12 0.00	50.51 3.35 0.00	59.77 3.22 0.00	69.37 3.30 0.00	74.93 4.04 0.00	85.30 4.60 0.00	97.77 5.80 0.00	111.50 6.84 -4.10	139.63 10.25 -2.77	158.44 11.85 -2.10	135.57 9.36 -1.45	100.12 6.35 -1.65	83.45 4.97 -3.14	75.20 4.24 -2.66	53.34 3.12 0.00	47.05 3.28 0.00
BROOKLYN___ARMY_DRP 323595	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
BROOKVLE_69_KV_TB1 55790	83.89 3.16 -45.22	52.26 2.45 -17.50	47.25 2.39 -13.36	44.89 2.13 -12.32	41.08 2.10 -8.49	44.78 2.17 -11.99	42.61 2.14 -11.10	52.42 3.34 -10.29	62.24 3.67 -18.64	77.92 4.15 -26.60	64.62 4.47 -3.61	70.96 4.89 0.00	85.52 5.81 -8.81	92.43 7.02 -4.70	109.17 8.37 -8.82	191.07 9.75 -80.75	209.06 13.67 -68.77	251.48 15.75 -91.24	246.26 12.85 -108.65	104.61 8.94 -3.55	97.12 7.08 -14.69	89.58 6.01 -15.26	68.39 4.27 -13.89	65.36 4.07 -17.53
BROOME_2_LFGE 323671	36.98 1.06 -0.40	33.18 0.71 -0.17	32.14 0.53 -0.11	31.08 0.61 -0.04	31.13 0.61 -0.04	31.34 0.67 -0.05	30.10 0.73 0.00	40.68 1.16 -0.73	41.83 1.20 -0.71	49.90 1.51 -1.22	60.22 1.69 -1.97	70.89 2.18 -2.65	76.51 2.62 -2.99	87.37 2.99 -3.68	99.44 3.22 -4.25	109.02 3.61 -4.85	136.56 4.17 -5.78	155.56 5.49 -5.59	135.67 5.48 -5.43	101.21 4.33 -4.76	82.85 3.31 -4.20	74.67 2.66 -3.70	53.34 1.66 -1.46	46.13 1.31 -1.06
BROOME___LFGE 323600	36.98 1.06 -0.40	33.18 0.71 -0.17	32.14 0.53 -0.11	31.08 0.61 -0.04	31.13 0.61 -0.04	31.34 0.67 -0.05	30.10 0.73 0.00	40.68 1.16 -0.73	41.83 1.20 -0.71	49.90 1.51 -1.22	60.22 1.69 -1.97	70.89 2.18 -2.65	76.51 2.62 -2.99	87.37 2.99 -3.68	99.44 3.22 -4.25	109.02 3.61 -4.85	136.56 4.17 -5.78	155.56 5.49 -5.59	135.67 5.48 -5.43	101.21 4.33 -4.76	82.85 3.31 -4.20	74.67 2.66 -3.70	53.34 1.66 -1.46	46.13 1.31 -1.06
BROWNFLS_115KV_TB_3_5 80003	35.73 -0.14 -0.36	32.45 0.00 -0.15	31.53 -0.06 -0.10	30.41 -0.06 -0.03	30.48 -0.03 -0.03	30.76 0.09 -0.04	29.63 0.26 0.00	39.59 0.16 -0.64	40.28 -0.28 -0.63	47.83 -0.42 -1.09	57.85 -0.45 -1.75	67.83 -0.59 -2.35	72.56 -0.99 -2.66	81.63 -2.34 -3.27	93.17 -2.58 -3.77	101.75 -3.12 -4.31	128.07 -3.67 -5.14	145.41 -4.05 -4.96	126.47 -3.12 -4.83	93.88 -2.12 -3.88	76.58 -1.66 -2.90	70.66 -0.14 -2.49	51.73 0.20 -1.30	44.79 0.09 -0.94
BROWNSV1_27_KV_LOAD 356125	38.42 2.91 0.00	34.30 2.00 0.00	33.45 1.95 0.00	32.08 1.64 0.00	32.10 1.62 0.00	32.30 1.68 0.00	31.10 1.73 0.00	41.81 3.03 0.00	43.44 3.51 0.00	50.98 3.82 0.00	60.45 3.90 0.00	70.16 4.10 0.00	75.57 4.68 0.00	86.27 5.57 0.00	98.87 6.90 0.00	110.09 8.04 -1.48	141.15 11.77 -2.77	160.17 13.58 -2.10	137.19 10.98 -1.45	101.23 7.46 -1.65	84.14 6.03 -2.77	76.02 5.05 -2.66	53.90 3.67 0.00	47.48 3.72 0.00
BURROWS___LYONSDAL 23803	37.20 1.38 -0.31	33.56 1.13 -0.13	32.53 0.94 -0.08	31.38 0.91 -0.03	31.45 0.94 -0.03	31.70 1.04 -0.04	30.51 1.15 0.00	40.89 1.55 -0.55	42.02 1.56 -0.54	49.78 1.70 -0.92	59.90 1.87 -1.49	70.44 2.38 -2.00	75.42 2.27 -2.26	85.58 2.10 -2.77	97.75 2.58 -3.20	106.83 2.61 -3.66	134.51 3.55 -4.36	153.76 5.06 -4.21	133.72 4.87 -4.10	99.19 3.78 -3.29	80.82 3.01 -2.46	73.76 3.35 -2.11	53.69 2.36 -1.10	46.44 1.88 -0.80
CAITHNESS_CC_1 323624	84.44 3.69 -45.23	52.55 2.74 -17.50	47.50 2.65 -13.36	45.13 2.38 -12.32	41.32 2.35 -8.49	45.00 2.39 -11.99	42.88 2.41 -11.10	52.96 3.88 -10.29	62.85 4.27 -18.65	78.48 4.72 -26.60	65.03 4.86 -3.62	79.01 4.89 -8.05	89.13 5.74 -12.50	114.59 6.78 -27.11	188.92 8.18 -88.76	293.83 9.15 -184.12	264.41 12.66 -125.14	267.98 14.75 -108.74	245.52 12.10 -108.66	216.54 8.84 -115.57	138.69 7.08 -56.27	107.77 6.15 -33.31	71.72 4.37 -17.12	65.64 4.33 -17.54
CALPINE BETH_PAGE_GT4 24209	83.68 2.95 -45.22	51.90 2.10 -17.50	47.03 2.17 -13.36	44.71 1.95 -12.32	40.89 1.92 -8.49	44.57 1.96 -11.99	42.41 1.94 -11.10	52.03 2.95 -10.29	62.00 3.43 -18.64	77.59 3.82 -26.60	64.06 3.90 -3.61	71.85 4.16 -1.62	84.72 4.96 -8.87	91.79 6.05 -5.03	109.25 7.27 -10.01	188.84 8.55 -79.73	208.37 12.15 -69.61	250.00 14.02 -91.50	244.77 11.35 -108.65	105.35 8.01 -5.22	96.70 6.40 -14.95	89.23 5.40 -15.53	68.59 3.82 -14.54	65.01 3.72 -17.53
CALPINE_BETH_PAGE_GT_4 323586	83.65 2.91 -45.22	51.93 2.13 -17.50	47.06 2.20 -13.36	44.71 1.95 -12.32	40.93 1.95 -8.49	44.54 1.93 -11.99	42.44 1.97 -11.10	52.11 3.03 -10.29	62.00 3.43 -18.64	77.59 3.82 -26.60	64.05 3.90 -3.61	71.85 4.16 -1.62	84.93 5.17 -8.87	91.79 6.06 -5.03	109.25 7.26 -10.01	188.84 8.54 -79.73	208.37 12.16 -69.61	250.00 14.01 -91.50	244.88 11.47 -108.65	105.34 8.01 -5.22	96.62 6.33 -14.95	89.23 5.39 -15.53	68.58 3.82 -14.54	65.01 3.72 -17.53
CALPINE_BP_GT1 23823	83.65 2.91 -45.22	51.93 2.13 -17.50	47.06 2.20 -13.36	44.71 1.95 -12.32	40.93 1.95 -8.49	44.54 1.93 -11.99	42.44 1.97 -11.10	52.11 3.03 -10.29	62.00 3.43 -18.64	77.59 3.82 -26.60	64.05 3.90 -3.61	71.85 4.16 -1.62	84.93 5.17 -8.87	91.79 6.06 -5.03	109.25 7.26 -10.01	188.84 8.54 -79.73	208.37 12.16 -69.61	250.00 14.01 -91.50	244.88 11.47 -108.65	105.34 8.01 -5.22	96.62 6.33 -14.95	89.23 5.39 -15.53	68.58 3.82 -14.54	65.01 3.72 -17.53
CALSPAN___DRP 24200	37.15 1.63 0.00	33.30 1.00 0.00	31.97 0.47 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.39 0.77 0.00	30.78 1.41 0.00	39.76 0.97 0.00	41.24 1.32 0.00	49.29 2.12 0.00	58.98 2.43 0.00	69.57 3.50 0.00	75.21 4.32 0.00	85.79 5.08 0.00	96.76 4.78 0.00	105.79 5.23 0.00	131.67 5.06 0.00	150.99 6.50 0.00	132.87 8.11 0.00	98.93 6.82 0.00	80.39 5.05 0.00	72.06 3.76 0.00	53.09 2.86 0.00	46.04 2.28 0.00

CALVERTON___SOLAR 323806	84.62 3.87 -45.23	52.68 2.87 -17.50	47.60 2.74 -13.36	45.22 2.46 -12.32	41.41 2.44 -8.49	45.09 2.48 -11.99	42.96 2.49 -11.10	53.08 4.00 -10.29	63.04 4.47 -18.65	78.72 4.95 -26.60	65.36 5.20 -3.62	79.55 5.42 -8.06	89.59 6.16 -12.53	115.34 7.34 -27.30	190.15 8.74 -89.43	295.34 9.75 -185.03	265.51 13.29 -125.61	268.99 15.61 -108.89	246.27 12.85 -108.66	218.12 9.49 -116.52	139.57 7.61 -56.63	108.39 6.62 -33.46	72.03 4.67 -17.13	65.85 4.55 -17.54
CANDIGU_WT_PWR 323617	37.05 1.31 -0.22	33.17 0.77 -0.10	31.97 0.41 -0.06	31.13 0.67 -0.02	31.14 0.64 -0.02	31.44 0.79 -0.03	30.45 1.09 0.00	40.62 1.44 -0.40	41.72 1.40 -0.39	49.82 1.98 -0.68	60.02 2.37 -1.09	70.58 3.04 -1.47	76.23 3.68 -1.66	86.94 4.19 -2.04	98.37 4.04 -2.35	107.78 4.53 -2.68	134.62 4.81 -3.20	154.09 6.51 -3.09	135.00 7.23 -3.01	100.52 5.98 -2.42	81.67 4.52 -1.81	73.34 3.48 -1.55	53.35 2.31 -0.81	46.14 1.79 -0.59
CARR STREET_E_SYR 24060	36.21 0.11 -0.59	32.46 -0.10 -0.25	31.47 -0.19 -0.16	30.34 -0.15 -0.05	30.38 -0.15 -0.05	30.60 -0.09 -0.07	29.34 -0.03 0.00	40.00 0.16 -1.06	41.16 0.20 -1.04	49.28 0.33 -1.78	59.77 0.34 -2.87	70.52 0.59 -3.86	76.03 0.78 -4.36	87.04 0.97 -5.36	99.08 0.92 -6.19	108.63 1.01 -7.06	136.17 1.14 -8.42	154.37 1.74 -8.13	134.42 1.75 -7.91	99.95 1.47 -6.36	81.15 1.05 -4.76	73.07 0.68 -4.08	52.51 0.15 -2.13	45.26 -0.04 -1.54
CARTHAGE___PAPER 23857	37.26 0.99 -0.75	33.43 0.81 -0.32	32.33 0.63 -0.20	31.15 0.64 -0.07	31.22 0.67 -0.07	31.54 0.83 -0.09	30.39 1.03 0.00	41.45 1.32 -1.35	42.32 1.08 -1.32	50.56 1.13 -2.27	61.40 1.19 -3.66	72.57 1.58 -4.92	77.72 1.28 -5.55	86.64 -0.89 -6.83	98.94 -0.92 -7.88	108.24 -1.31 -8.99	135.94 -1.39 -10.72	154.28 -0.58 -10.36	135.21 0.38 -10.08	101.05 0.83 -8.10	82.15 0.75 -6.06	76.64 3.14 -5.19	55.00 2.06 -2.71	47.26 1.53 -1.97
CASSADAGA_WT_PWR 323784	38.03 2.52 0.00	34.01 1.71 0.00	32.60 1.10 0.00	31.93 1.49 0.00	31.88 1.40 0.00	32.27 1.65 0.00	31.54 2.17 0.00	41.46 2.67 0.00	42.64 2.72 0.00	50.98 3.82 0.00	61.19 4.64 0.00	71.88 5.82 0.00	77.98 7.09 0.00	88.77 8.07 0.00	100.16 8.18 0.00	109.41 8.85 0.00	136.11 9.50 0.00	156.05 11.56 0.00	137.11 12.35 0.00	102.25 10.13 0.00	83.25 7.91 0.00	74.59 6.28 0.00	54.75 4.52 0.00	47.44 3.68 0.00
CE_DUNWOOD___DRP 24194	37.86 2.34 0.00	33.92 1.62 0.00	33.07 1.57 0.00	31.81 1.37 0.00	31.82 1.34 0.00	32.00 1.38 0.00	30.75 1.38 0.00	41.08 2.29 0.00	42.64 2.71 0.00	50.14 2.97 0.00	59.49 2.94 0.00	69.11 3.04 0.00	74.43 3.54 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.47 6.44 -1.47	138.74 9.37 -2.76	157.56 10.98 -2.09	135.07 8.86 -1.45	99.85 6.08 -1.65	82.93 4.82 -2.76	74.99 4.03 -2.65	53.09 2.86 0.00	46.69 2.93 0.00
CE_MILLWOOD___DRP 24193	37.79 2.27 0.00	33.85 1.55 0.00	33.01 1.51 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.97 1.35 0.00	30.66 1.29 0.00	40.96 2.17 0.00	42.52 2.60 0.00	49.95 2.78 0.00	59.32 2.77 0.00	68.97 2.91 0.00	74.29 3.40 0.00	84.82 4.12 0.00	97.13 5.15 0.00	108.26 6.23 -1.46	138.33 8.99 -2.73	157.10 10.55 -2.07	134.68 8.48 -1.43	99.65 5.90 -1.64	82.76 4.67 -2.75	74.90 3.96 -2.64	52.99 2.76 0.00	46.56 2.80 0.00
CE_NYC2_DRP 24202	38.18 2.66 0.00	34.11 1.81 0.00	33.26 1.76 0.00	31.93 1.49 0.00	31.94 1.46 0.00	32.12 1.50 0.00	30.89 1.53 0.00	41.54 2.75 0.00	43.12 3.19 0.00	50.47 3.30 0.00	59.49 2.94 0.00	68.91 2.84 0.00	74.22 3.33 0.00	84.65 3.95 0.01	97.03 5.06 0.01	108.07 6.03 -1.47	138.87 9.50 -2.77	157.42 10.84 -2.10	134.57 8.36 -1.45	99.29 5.53 -1.65	82.55 4.45 -2.76	74.72 3.76 -2.65	53.14 2.91 0.00	47.04 3.28 0.00
CE_NYC_DRP 24195	38.10 2.59 0.00	34.05 1.74 0.00	33.20 1.70 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.04 3.11 0.00	50.51 3.35 0.00	59.83 3.28 0.00	69.44 3.37 0.00	74.79 3.90 0.00	85.39 4.68 0.00	97.86 5.89 0.00	108.88 6.84 -1.48	139.63 10.26 -2.77	158.29 11.70 -2.10	135.57 9.36 -1.45	100.03 6.26 -1.65	83.16 5.05 -2.77	75.20 4.24 -2.66	53.34 3.11 0.00	47.04 3.28 0.00
CHAFFEE___LFGE 323603	37.25 1.74 0.00	33.33 1.03 0.00	32.00 0.50 0.00	31.38 0.94 0.00	31.36 0.88 0.00	31.66 1.04 0.00	30.81 1.44 0.00	40.26 1.47 0.00	41.40 1.48 0.00	49.48 2.31 0.00	59.32 2.77 0.00	69.90 3.83 0.00	75.78 4.89 0.00	86.35 5.65 0.00	97.40 5.43 0.00	106.49 5.93 0.00	132.56 5.95 0.00	152.14 7.65 0.00	133.86 9.10 0.00	99.58 7.46 0.00	80.84 5.50 0.00	72.47 4.17 0.00	53.29 3.06 0.00	46.21 2.45 0.00
CHATEAUG_35_KV_LOAD 355732	34.06 -1.46 0.00	31.43 -0.87 0.00	30.71 -0.79 0.00	29.74 -0.70 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.07 -0.29 0.00	38.17 -0.62 0.00	39.01 -0.92 0.00	46.17 -0.99 0.00	55.81 -0.74 0.00	65.01 -1.06 0.00	68.76 -2.13 0.00	76.91 -3.79 0.00	87.47 -4.51 0.00	95.53 -5.03 0.00	120.53 -6.08 0.00	136.98 -7.51 0.00	118.02 -6.74 0.00	86.96 -5.16 0.00	71.35 -3.99 0.00	65.92 -2.39 0.00	49.27 -0.95 0.00	42.89 -0.88 0.00
CHATEAUG_WT_PWR 323614	34.02 -1.49 0.00	31.40 -0.90 0.00	30.68 -0.82 0.00	29.71 -0.73 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.10 -0.26 0.00	38.13 -0.66 0.00	39.08 -0.84 0.00	46.27 -0.90 0.00	55.93 -0.62 0.00	65.14 -0.93 0.00	68.05 -2.84 0.00	76.67 -4.03 0.00	87.19 -4.79 0.00	95.13 -5.43 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.65 -7.11 0.00	86.68 -5.43 0.00	71.12 -4.22 0.00	65.85 -2.46 0.00	49.33 -0.90 0.00	42.98 -0.79 0.00
CHAT_HIGH_FALL_HYD 323578	34.06 -1.46 0.00	31.43 -0.87 0.00	30.71 -0.79 0.00	29.74 -0.70 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.07 -0.29 0.00	38.17 -0.62 0.00	39.01 -0.92 0.00	46.17 -0.99 0.00	55.81 -0.74 0.00	65.01 -1.06 0.00	68.76 -2.13 0.00	76.91 -3.79 0.00	87.47 -4.51 0.00	95.53 -5.03 0.00	120.53 -6.08 0.00	136.98 -7.51 0.00	118.02 -6.74 0.00	86.96 -5.16 0.00	71.35 -3.99 0.00	65.92 -2.39 0.00	49.27 -0.95 0.00	42.89 -0.88 0.00
CHAUTAUQUA___LFGE 323629	37.68 2.17 0.00	33.72 1.42 0.00	32.38 0.88 0.00	31.72 1.28 0.00	31.70 1.22 0.00	32.03 1.41 0.00	31.22 1.85 0.00	40.88 2.09 0.00	42.04 2.11 0.00	50.23 3.06 0.00	60.22 3.67 0.00	70.89 4.82 0.00	76.85 5.96 0.00	87.49 6.78 0.00	98.69 6.71 0.00	107.90 7.34 0.00	134.33 7.72 0.00	154.02 9.53 0.00	135.36 10.60 0.00	100.87 8.76 0.00	82.04 6.70 0.00	73.50 5.19 0.00	54.00 3.77 0.00	46.82 3.06 0.00
CHERRYST_13_KV_LD 356241	38.25 2.73 0.00	34.14 1.84 0.00	33.29 1.80 0.00	31.93 1.49 0.00	31.97 1.49 0.00	32.18 1.56 0.00	30.95 1.59 0.00	41.62 2.83 0.00	43.28 3.35 0.00	50.80 3.63 0.00	60.17 3.62 0.00	69.83 3.77 0.00	75.28 4.40 0.00	85.95 5.25 0.00	98.41 6.44 0.00	109.58 7.54 -1.48	140.52 11.14 -2.77	159.30 12.72 -2.10	136.19 9.98 -1.45	100.50 6.72 -1.65	83.54 5.42 -2.77	75.54 4.58 -2.66	53.59 3.37 0.00	47.22 3.46 0.00

CHESTROR_138KV_BK263 355645	37.39 1.88 0.00	33.56 1.26 0.00	32.76 1.26 0.00	31.53 1.10 0.00	31.55 1.07 0.00	31.75 1.13 0.00	30.42 1.06 0.00	40.46 1.67 0.00	41.96 2.04 0.00	49.38 2.22 0.00	58.64 2.09 0.00	68.25 2.18 0.00	73.58 2.69 0.00	84.01 3.31 0.00	96.11 4.14 0.00	105.59 5.03 0.00	136.13 7.34 -2.18	153.16 8.67 0.00	131.87 7.11 0.00	97.97 4.97 -0.88	81.37 3.92 -2.11	73.62 3.28 -2.03	52.49 2.26 0.00	45.99 2.23 0.00
CH_MIDHUDSON___DRP 24192	37.82 2.31 0.00	33.92 1.62 0.00	33.11 1.61 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.72 1.35 0.00	40.92 2.13 0.00	42.48 2.56 0.00	49.99 2.83 0.00	59.38 2.83 0.00	69.11 3.04 0.00	74.51 3.62 0.00	85.22 4.52 0.00	97.49 5.52 0.00	107.20 6.64 0.00	138.31 9.50 -2.21	155.62 11.13 0.00	133.99 9.23 0.00	99.62 6.45 -1.05	82.99 5.12 -2.52	75.11 4.37 -2.43	53.19 2.96 0.00	46.65 2.89 0.00
CH_MISC_IPPS 23765	38.07 2.56 0.00	34.11 1.81 0.00	33.29 1.79 0.00	31.99 1.55 0.00	32.03 1.55 0.00	32.18 1.56 0.00	30.89 1.53 0.00	41.15 2.37 0.00	42.72 2.79 0.00	50.28 3.11 0.00	59.71 3.16 0.00	69.57 3.50 0.00	75.29 4.40 0.00	85.87 5.17 0.00	98.32 6.34 0.00	108.11 7.55 0.00	139.53 10.89 -2.03	157.21 12.72 0.00	135.36 10.60 0.00	100.69 7.56 -1.02	83.67 5.88 -2.45	75.72 5.05 -2.36	53.54 3.31 0.00	46.91 3.15 0.00
CH_RES_BVR_FALLS 23983	34.91 -0.60 0.00	31.88 -0.42 0.00	31.09 -0.41 0.00	30.08 -0.36 0.00	30.15 -0.33 0.00	30.31 -0.31 0.00	29.10 -0.26 0.00	38.32 -0.46 0.00	39.40 -0.52 0.00	46.60 -0.56 0.00	56.04 -0.51 0.00	65.41 -0.66 0.00	69.97 -0.92 0.00	79.01 -1.70 0.00	89.95 -2.02 0.00	98.25 -2.31 0.00	123.70 -2.91 0.00	140.88 -3.61 0.00	121.65 -3.11 0.00	89.82 -2.30 0.00	74.06 -1.28 0.00	67.35 -0.96 0.00	49.63 -0.60 0.00	43.24 -0.52 0.00
CH_RES_NIAGARA 23895	35.62 0.11 0.00	32.20 -0.10 0.00	30.96 -0.54 0.00	30.32 -0.12 0.00	30.21 -0.27 0.00	30.16 -0.46 0.00	29.60 0.23 0.00	38.05 -0.74 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.27 -0.28 0.00	66.33 0.26 0.00	71.67 0.78 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.13 1.37 0.00	93.96 1.84 0.00	76.55 1.21 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.16 0.39 0.00
CH_RES_SYRACUSE 23985	36.88 0.28 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.81 0.06 -0.13	29.49 0.12 0.00	41.24 0.50 -1.94	42.32 0.48 -1.91	50.91 0.47 -3.28	62.24 0.40 -5.29	73.90 0.73 -7.10	79.77 0.85 -8.02	91.62 1.05 -9.86	104.38 1.01 -11.39	114.67 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.20 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84
CLINTON_WT_PWR 323605	34.02 -1.49 0.00	31.40 -0.90 0.00	30.68 -0.82 0.00	29.71 -0.73 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.10 -0.26 0.00	38.13 -0.66 0.00	39.08 -0.84 0.00	46.27 -0.90 0.00	55.93 -0.62 0.00	65.14 -0.93 0.00	68.05 -2.84 0.00	76.67 -4.03 0.00	87.19 -4.79 0.00	95.13 -5.43 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.65 -7.11 0.00	86.68 -5.43 0.00	71.12 -4.22 0.00	65.85 -2.46 0.00	49.33 -0.90 0.00	42.98 -0.79 0.00
CLINTON___LFGE 323618	34.45 -1.06 0.00	31.78 -0.52 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.49 0.12 0.00	38.67 -0.12 0.00	39.65 -0.28 0.00	46.93 -0.23 0.00	56.66 0.11 0.00	66.07 0.00 0.00	68.20 -2.69 0.00	76.51 -4.20 0.00	87.01 -4.97 0.00	95.03 -5.53 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.52 -7.24 0.00	86.68 -5.43 0.00	71.12 -4.22 0.00	66.26 -2.05 0.00	49.98 -0.25 0.00	43.46 -0.30 0.00
COBBLENY_34_KV_TB1 80064	37.29 1.78 0.00	33.37 1.07 0.00	32.03 0.54 0.00	31.35 0.91 0.00	31.42 0.94 0.00	31.48 0.86 0.00	30.87 1.50 0.00	39.91 1.12 0.00	41.40 1.48 0.00	49.48 2.31 0.00	59.21 2.66 0.00	69.90 3.83 0.00	75.64 4.75 0.00	86.35 5.65 0.00	97.40 5.43 0.00	106.50 5.93 0.00	132.56 5.95 0.00	152.15 7.66 0.00	133.87 9.11 0.00	99.58 7.46 0.00	80.92 5.58 0.00	72.47 4.17 0.00	53.29 3.06 0.00	46.21 2.45 0.00
COFFEEN___115KV_TB3 355620	38.13 1.70 -0.92	34.05 1.36 -0.39	32.82 1.07 -0.25	31.62 1.10 -0.08	31.66 1.10 -0.08	31.99 1.26 -0.11	30.89 1.53 0.00	42.37 1.94 -1.64	43.34 1.80 -1.61	51.92 1.98 -2.77	63.12 2.09 -4.47	74.91 2.84 -6.01	80.51 2.84 -6.78	90.98 1.94 -8.34	103.81 2.21 -9.63	113.66 2.11 -10.99	142.50 2.79 -13.10	161.92 4.77 -12.66	142.31 5.24 -12.31	106.72 4.70 -9.90	86.66 3.92 -7.40	79.57 4.92 -6.34	56.66 3.11 -3.31	48.53 2.36 -2.40
COLDSPRG_115KV_BK1 355956	38.28 2.77 0.00	34.21 1.91 0.00	32.79 1.29 0.00	32.08 1.64 0.00	32.13 1.65 0.00	32.30 1.68 0.00	31.75 2.38 0.00	41.08 2.29 0.00	42.64 2.71 0.00	50.94 3.77 0.00	61.02 4.47 0.00	71.75 5.68 0.00	77.70 6.81 0.00	88.70 7.99 0.00	100.16 8.19 0.00	109.41 8.85 0.00	136.23 9.62 0.00	156.19 11.70 0.00	137.11 12.35 0.00	102.34 10.22 0.00	83.25 7.91 0.00	74.59 6.28 0.00	54.65 4.42 0.00	47.35 3.59 0.00
COLONIE_LFGE___ 323577	37.46 1.95 0.00	33.82 1.52 0.00	33.01 1.51 0.00	31.81 1.37 0.00	31.85 1.37 0.00	31.91 1.29 0.00	30.54 1.18 0.00	40.61 1.82 0.00	41.92 2.00 0.00	49.43 2.26 0.00	58.81 2.26 0.00	68.64 2.57 0.00	73.94 3.05 0.00	84.17 3.47 0.00	96.30 4.32 0.00	131.07 5.13 -25.38	154.36 6.45 -21.29	188.26 7.80 -35.97	156.29 6.61 -24.92	117.97 4.97 -20.89	109.05 4.14 -29.57	100.29 3.69 -28.29	52.94 2.71 0.00	46.17 2.41 0.00
COOPERNY_115KV_TB1 80082	36.93 1.42 0.00	33.27 0.97 0.00	32.44 0.94 0.00	31.29 0.85 0.00	31.30 0.82 0.00	31.48 0.86 0.00	30.16 0.79 0.00	40.03 1.24 0.00	41.44 1.52 0.00	48.82 1.65 0.00	58.13 1.58 0.00	67.79 1.72 0.00	72.95 2.06 0.00	83.29 2.58 0.00	95.10 3.13 0.00	104.28 3.72 0.00	131.93 5.32 0.00	150.85 6.36 0.00	130.00 5.24 0.00	96.56 3.78 -0.67	79.97 3.01 -1.61	72.39 2.53 -1.55	51.94 1.71 0.00	45.47 1.71 0.00
COPENHAGEN_WT_PWR 323753	37.64 1.17 -0.96	33.58 0.87 -0.41	32.45 0.69 -0.26	31.23 0.70 -0.09	31.27 0.70 -0.09	31.59 0.86 -0.11	30.45 1.09 0.00	41.98 1.47 -1.72	42.89 1.28 -1.69	51.44 1.37 -2.91	62.66 1.41 -4.69	74.34 1.98 -6.30	79.92 1.91 -7.11	90.42 0.97 -8.74	103.18 1.11 -10.09	112.98 0.90 -11.52	141.61 1.27 -13.74	160.22 2.45 -13.27	140.79 3.12 -12.91	105.44 2.95 -10.38	85.58 2.48 -7.76	78.51 3.55 -6.65	55.91 2.21 -3.47	47.90 1.62 -2.52
CORNELL_____ 23752	37.50 1.42 -0.57	33.58 1.03 -0.24	32.50 0.85 -0.15	31.37 0.88 -0.05	31.38 0.85 -0.05	31.64 0.95 -0.07	30.42 1.06 0.00	41.47 1.67 -1.01	42.64 1.72 -0.99	50.95 2.08 -1.71	61.62 2.32 -2.76	72.81 3.04 -3.70	78.33 3.26 -4.18	89.80 3.95 -5.14	102.14 4.23 -5.93	111.96 4.63 -6.77	140.63 5.95 -8.07	160.38 8.09 -7.80	140.20 7.86 -7.58	104.67 6.17 -6.38	85.47 4.90 -5.23	76.89 4.03 -4.56	54.58 2.31 -2.04	47.04 1.79 -1.48

CORONA_69_KV_TB1 355595	83.89 3.16 -45.22	52.16 2.36 -17.50	47.12 2.27 -13.36	44.77 2.01 -12.32	40.95 1.98 -8.49	44.66 2.05 -11.99	42.47 2.00 -11.10	52.18 3.10 -10.29	62.16 3.59 -18.64	77.78 4.01 -26.60	64.40 4.24 -3.61	70.69 4.62 0.00	84.95 5.25 -8.81	91.62 6.21 -4.70	108.34 7.54 -8.82	194.86 8.75 -85.55	207.79 12.41 -68.77	250.18 14.45 -91.24	245.27 11.85 -108.65	104.05 8.38 -3.56	97.34 6.63 -15.37	89.24 5.67 -15.26	68.34 4.22 -13.89	65.32 4.03 -17.53
CORTLAND_115KV_TB3 80093	37.28 1.21 -0.56	33.41 0.87 -0.24	32.34 0.69 -0.15	31.22 0.73 -0.05	31.26 0.73 -0.05	31.48 0.80 -0.07	30.25 0.88 0.00	41.15 1.36 -1.00	42.39 1.48 -0.99	50.65 1.79 -1.69	61.26 1.98 -2.73	72.31 2.58 -3.67	77.73 2.69 -4.14	89.03 3.23 -5.09	101.35 3.50 -5.88	111.09 3.82 -6.71	139.42 4.81 -8.00	158.73 6.50 -7.73	138.52 6.24 -7.52	103.05 4.88 -6.05	83.70 3.84 -4.52	75.39 3.21 -3.88	54.21 1.96 -2.02	46.76 1.53 -1.47
COXSACKIE__GT 23611	38.60 3.09 0.00	34.72 2.42 0.00	33.92 2.43 0.00	32.75 2.31 0.00	32.77 2.29 0.00	32.92 2.30 0.00	31.45 2.09 0.00	41.50 2.71 0.00	42.64 2.72 0.00	50.19 3.02 0.00	59.55 3.00 0.00	69.44 3.37 0.00	73.87 2.98 0.00	81.53 3.95 3.13	90.07 5.15 7.05	79.87 6.34 27.03	99.69 9.12 36.05	118.03 11.85 38.31	109.57 11.35 26.55	92.55 8.84 8.41	84.13 7.08 -1.71	76.30 6.15 -1.85	54.45 4.22 0.00	47.22 3.46 0.00
CPV_VALLEY__CC1 323721	37.07 1.56 0.00	33.33 1.03 0.00	32.54 1.04 0.00	31.32 0.88 0.00	31.36 0.88 0.00	31.48 0.86 0.00	30.22 0.85 0.00	40.18 1.39 0.00	41.60 1.68 0.00	49.00 1.84 0.00	58.19 1.64 0.00	67.78 1.71 0.00	73.16 2.27 0.00	83.36 2.66 0.00	95.28 3.31 0.00	104.59 4.03 0.00	134.54 6.08 -1.85	151.57 7.08 0.00	130.50 5.74 0.00	96.87 3.96 -0.79	80.34 3.09 -1.91	72.80 2.66 -1.84	52.03 1.81 0.00	45.64 1.88 0.00
CPV_VALLEY__CC2 323722	37.07 1.56 0.00	33.33 1.03 0.00	32.54 1.04 0.00	31.32 0.88 0.00	31.36 0.88 0.00	31.48 0.86 0.00	30.22 0.85 0.00	40.18 1.39 0.00	41.60 1.68 0.00	49.00 1.84 0.00	58.19 1.64 0.00	67.78 1.71 0.00	73.16 2.27 0.00	83.36 2.66 0.00	95.28 3.31 0.00	104.59 4.03 0.00	134.54 6.08 -1.85	151.57 7.08 0.00	130.50 5.74 0.00	96.87 3.96 -0.79	80.34 3.09 -1.91	72.80 2.66 -1.84	52.03 1.81 0.00	45.64 1.88 0.00
CRESCENT__HYD 24018	37.46 1.95 0.00	33.82 1.52 0.00	33.01 1.51 0.00	31.81 1.37 0.00	31.85 1.37 0.00	31.91 1.29 0.00	30.54 1.18 0.00	40.61 1.82 0.00	41.92 2.00 0.00	49.43 2.26 0.00	58.81 2.26 0.00	68.64 2.57 0.00	73.94 3.05 0.00	84.17 3.47 0.00	96.30 4.32 0.00	131.07 5.13 -25.38	154.36 6.45 -21.29	188.26 7.80 -35.97	156.29 6.61 -24.92	117.97 4.97 -20.89	109.05 4.14 -29.57	100.29 3.69 -28.29	52.94 2.71 0.00	46.17 2.41 0.00
CRICKET__VALLEY_CC1 323756	37.61 2.09 0.00	33.79 1.49 0.00	32.98 1.48 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.88 1.26 0.00	30.54 1.18 0.00	40.69 1.90 0.00	42.08 2.15 0.00	49.52 2.36 0.00	58.75 2.20 0.00	68.38 2.31 0.00	73.80 2.91 0.00	84.17 3.47 0.00	96.39 4.41 0.00	109.12 5.43 -3.13	138.12 7.60 -3.92	158.03 9.11 -4.43	135.19 7.36 -3.07	99.91 5.16 -2.64	83.21 4.07 -3.80	75.49 3.55 -3.64	52.84 2.61 0.00	46.34 2.58 0.00
CRICKET__VALLEY_CC2 323757	37.61 2.09 0.00	33.79 1.49 0.00	32.98 1.48 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.88 1.26 0.00	30.54 1.18 0.00	40.69 1.90 0.00	42.08 2.15 0.00	49.52 2.36 0.00	58.75 2.20 0.00	68.38 2.31 0.00	73.80 2.91 0.00	84.17 3.47 0.00	96.39 4.41 0.00	109.12 5.43 -3.13	138.12 7.60 -3.92	158.03 9.11 -4.43	135.19 7.36 -3.07	99.91 5.16 -2.64	83.21 4.07 -3.80	75.49 3.55 -3.64	52.84 2.61 0.00	46.34 2.58 0.00
CRICKET__VALLEY_CC3 323758	37.61 2.09 0.00	33.79 1.49 0.00	32.98 1.48 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.88 1.26 0.00	30.54 1.18 0.00	40.69 1.90 0.00	42.08 2.15 0.00	49.52 2.36 0.00	58.75 2.20 0.00	68.38 2.31 0.00	73.80 2.91 0.00	84.17 3.47 0.00	96.39 4.41 0.00	109.12 5.43 -3.13	138.12 7.60 -3.92	158.03 9.11 -4.43	135.19 7.36 -3.07	99.91 5.16 -2.64	83.21 4.07 -3.80	75.49 3.55 -3.64	52.84 2.61 0.00	46.34 2.58 0.00
CRUCIBLE_METL_DRP 24180	36.92 0.32 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.78 0.03 -0.13	29.51 0.15 0.00	41.16 0.43 -1.94	42.31 0.48 -1.91	50.91 0.47 -3.28	62.18 0.34 -5.29	73.90 0.73 -7.10	79.69 0.78 -8.02	91.62 1.05 -9.86	104.37 1.01 -11.39	114.66 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.21 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84
DAHOWA__HYDRO 323763	38.00 2.49 0.00	34.27 1.97 0.00	33.39 1.89 0.00	32.14 1.70 0.00	32.22 1.74 0.00	32.27 1.65 0.00	30.98 1.61 0.00	41.39 2.60 0.00	42.68 2.75 0.00	50.37 3.21 0.00	60.06 3.51 0.00	70.23 4.16 0.00	75.85 4.96 0.00	86.35 5.65 0.00	98.88 6.90 0.00	125.41 7.64 -17.21	149.75 9.12 -14.01	180.01 11.13 -24.39	151.51 9.85 -16.90	118.63 7.92 -18.59	112.50 6.48 -30.68	103.67 5.94 -29.42	54.00 3.77 0.00	46.91 3.15 0.00
DANC__LFGE 323619	37.39 0.67 -1.21	33.23 0.42 -0.51	32.08 0.25 -0.33	30.85 0.30 -0.11	30.89 0.30 -0.11	31.19 0.43 -0.14	29.95 0.59 0.00	41.84 0.89 -2.16	42.77 0.72 -2.12	51.61 0.80 -3.64	63.22 0.79 -5.88	75.15 1.19 -7.89	81.01 1.20 -8.92	92.31 0.64 -10.96	105.36 0.73 -12.65	115.51 0.51 -14.44	144.34 0.51 -17.22	162.58 1.44 -16.64	142.93 1.99 -16.18	107.07 1.94 -13.01	86.65 1.58 -9.73	78.90 2.25 -8.34	55.89 1.30 -4.35	47.80 0.87 -3.16
DANSKAMMER__1 23586	38.07 2.56 0.00	34.11 1.81 0.00	33.29 1.79 0.00	31.99 1.55 0.00	32.03 1.55 0.00	32.18 1.56 0.00	30.89 1.53 0.00	41.15 2.37 0.00	42.72 2.79 0.00	50.28 3.11 0.00	59.71 3.16 0.00	69.57 3.50 0.00	75.29 4.40 0.00	85.87 5.17 0.00	98.32 6.34 0.00	108.11 7.55 0.00	139.53 10.89 -2.03	157.21 12.72 0.00	135.36 10.60 0.00	100.69 7.56 -1.02	83.67 5.88 -2.45	75.72 5.05 -2.36	53.54 3.31 0.00	46.91 3.15 0.00
DANSKAMMER__2 23589	38.07 2.56 0.00	34.11 1.81 0.00	33.29 1.79 0.00	31.99 1.55 0.00	32.03 1.55 0.00	32.18 1.56 0.00	30.89 1.53 0.00	41.15 2.37 0.00	42.72 2.79 0.00	50.28 3.11 0.00	59.71 3.16 0.00	69.57 3.50 0.00	75.29 4.40 0.00	85.87 5.17 0.00	98.32 6.34 0.00	108.11 7.55 0.00	139.53 10.89 -2.03	157.21 12.72 0.00	135.36 10.60 0.00	100.69 7.56 -1.02	83.67 5.88 -2.45	75.72 5.05 -2.36	53.54 3.31 0.00	46.91 3.15 0.00
DANSKAMMER__3 23590	38.07 2.56 0.00	34.11 1.81 0.00	33.29 1.79 0.00	31.99 1.55 0.00	32.03 1.55 0.00	32.18 1.56 0.00	30.89 1.53 0.00	41.15 2.37 0.00	42.72 2.79 0.00	50.28 3.11 0.00	59.71 3.16 0.00	69.57 3.50 0.00	75.29 4.40 0.00	85.87 5.17 0.00	98.32 6.34 0.00	108.11 7.55 0.00	139.53 10.89 -2.03	157.21 12.72 0.00	135.36 10.60 0.00	100.69 7.56 -1.02	83.67 5.88 -2.45	75.72 5.05 -2.36	53.54 3.31 0.00	46.91 3.15 0.00

DANSKAMMER___4 23591	38.07 2.56 0.00	34.11 1.81 0.00	33.29 1.79 0.00	31.99 1.55 0.00	32.03 1.55 0.00	32.18 1.56 0.00	30.89 1.53 0.00	41.15 2.37 0.00	42.72 2.79 0.00	50.28 3.11 0.00	59.71 3.16 0.00	69.57 3.50 0.00	75.29 4.40 0.00	85.87 5.17 0.00	98.32 6.34 0.00	108.11 7.55 0.00	139.53 10.89 -2.03	157.21 12.72 0.00	135.36 10.60 0.00	100.69 7.56 -1.02	83.67 5.88 -2.45	75.72 5.05 -2.36	53.54 3.31 0.00	46.91 3.15 0.00
DANSKAMMER___DIESEL 23592	38.03 2.52 0.00	34.08 1.78 0.00	33.26 1.76 0.00	31.99 1.55 0.00	32.00 1.52 0.00	32.24 1.62 0.00	30.87 1.50 0.00	41.11 2.33 0.00	42.72 2.79 0.00	50.28 3.11 0.00	59.72 3.17 0.00	69.57 3.50 0.00	75.07 4.18 0.00	85.87 5.17 0.00	98.32 6.35 0.00	108.10 7.54 0.00	139.53 10.89 -2.03	157.21 12.72 0.00	135.36 10.60 0.00	100.69 7.55 -1.02	83.75 5.95 -2.45	75.72 5.05 -2.36	53.54 3.32 0.00	46.91 3.15 0.00
DARBY___SOLAR 323810	37.89 2.38 0.00	34.17 1.87 0.00	33.29 1.79 0.00	32.08 1.64 0.00	32.12 1.64 0.00	32.18 1.56 0.00	30.89 1.53 0.00	41.23 2.45 0.00	42.56 2.63 0.00	50.23 3.06 0.00	59.83 3.28 0.00	69.97 3.90 0.00	75.57 4.68 0.00	85.95 5.24 0.00	98.41 6.44 0.00	126.06 7.24 -18.25	150.16 8.61 -14.94	180.90 10.54 -25.86	151.91 9.23 -17.92	118.29 7.28 -18.90	111.87 5.95 -30.58	103.09 5.47 -29.31	53.74 3.51 0.00	46.78 3.02 0.00
DASHVILLE___HYD 23610	37.50 1.99 0.00	33.59 1.29 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.75 1.13 0.00	30.34 0.97 0.00	40.38 1.59 0.00	41.88 1.96 0.00	49.24 2.08 0.00	58.42 1.87 0.00	67.98 1.92 0.00	73.65 2.76 0.00	84.51 4.68 0.88	95.70 5.70 1.98	100.69 6.74 6.61	128.22 10.00 8.39	146.68 11.56 9.37	127.87 9.61 6.50	97.64 6.82 1.29	82.95 5.35 -2.26	75.04 4.51 -2.22	52.54 2.31 0.00	46.12 2.36 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	85.54 4.79 -45.23	53.45 3.65 -17.50	48.35 3.50 -13.36	45.99 3.23 -12.32	42.11 3.14 -8.49	45.82 3.22 -11.99	43.64 3.17 -11.10	53.97 4.89 -10.29	64.20 5.63 -18.65	80.23 6.46 -26.60	67.52 7.35 -3.62	82.26 8.13 -8.07	91.37 7.94 -12.54	117.76 9.68 -27.37	192.99 11.31 -89.70	297.82 11.87 -185.39	268.62 16.21 -125.80	272.37 18.93 -108.95	248.89 15.47 -108.66	220.07 11.05 -116.89	141.60 9.49 -56.77	109.96 8.13 -33.52	73.03 5.68 -17.13	66.69 5.38 -17.54
DELAWARE___LFGE 323621	37.37 1.67 -0.18	33.64 1.26 -0.08	32.81 1.26 -0.05	31.70 1.25 -0.02	31.72 1.22 -0.02	31.87 1.22 -0.02	30.48 1.12 0.00	40.78 1.67 -0.33	42.12 1.88 -0.32	49.89 2.17 -0.55	59.71 2.26 -0.90	69.91 2.64 -1.20	75.22 2.98 -1.36	86.01 3.63 -1.67	98.13 4.23 -1.93	107.39 4.63 -2.20	134.93 5.70 -2.62	154.25 7.22 -2.53	133.71 6.49 -2.46	100.35 4.97 -3.26	83.96 4.07 -4.56	76.09 3.55 -4.23	53.25 2.36 -0.66	46.30 2.06 -0.48
DERFIELD_115KV_TB7 355931	35.90 0.39 0.00	32.56 0.26 0.00	31.75 0.25 0.00	30.68 0.24 0.00	30.72 0.24 0.00	30.87 0.24 0.00	29.57 0.21 0.00	39.14 0.35 0.00	40.36 0.44 0.00	47.64 0.47 0.00	57.00 0.45 0.00	66.60 0.53 0.00	71.46 0.57 0.00	81.35 0.65 0.00	92.80 0.83 0.00	101.47 0.91 0.00	127.75 1.14 0.00	146.08 1.59 0.00	126.13 1.37 0.00	93.13 1.01 0.00	76.25 0.90 0.00	69.06 0.75 0.00	50.78 0.55 0.00	44.29 0.53 0.00
DOGLEVILLE___HYD 23807	36.29 0.78 0.00	32.85 0.55 0.00	31.97 0.47 0.00	30.92 0.49 0.00	31.00 0.52 0.00	31.17 0.55 0.00	29.90 0.53 0.00	39.60 0.82 0.00	40.80 0.88 0.00	48.20 1.04 0.00	57.68 1.13 0.00	67.46 1.39 0.00	72.38 1.49 0.00	82.40 1.70 0.00	93.91 1.93 0.00	102.27 1.71 0.00	128.89 2.28 0.00	147.53 3.04 0.00	127.25 2.49 0.00	94.05 1.94 0.00	76.93 1.58 0.00	69.94 1.64 0.00	51.38 1.16 0.00	44.77 1.01 0.00
DUNKIRK___115KV_TB_200 55889	37.64 2.13 0.00	33.69 1.39 0.00	32.35 0.85 0.00	31.63 1.19 0.00	31.70 1.22 0.00	31.78 1.16 0.00	31.19 1.82 0.00	40.42 1.63 0.00	41.92 2.00 0.00	50.09 2.92 0.00	59.94 3.39 0.00	70.63 4.56 0.00	76.42 5.53 0.00	87.16 6.46 0.00	98.32 6.35 0.00	107.50 6.94 0.00	133.83 7.22 0.00	153.59 9.10 0.00	134.99 10.23 0.00	100.59 8.47 0.00	81.82 6.48 0.00	73.29 4.99 0.00	53.84 3.62 0.00	46.69 2.93 0.00
DUNKIRK___1 23563	37.64 2.13 0.00	33.69 1.39 0.00	32.35 0.85 0.00	31.63 1.19 0.00	31.70 1.22 0.00	31.78 1.16 0.00	31.19 1.82 0.00	40.42 1.63 0.00	41.92 2.00 0.00	50.09 2.92 0.00	59.94 3.39 0.00	70.63 4.56 0.00	76.42 5.53 0.00	87.16 6.46 0.00	98.32 6.35 0.00	107.50 6.94 0.00	133.83 7.22 0.00	153.59 9.10 0.00	134.99 10.23 0.00	100.59 8.47 0.00	81.82 6.48 0.00	73.29 4.99 0.00	53.84 3.62 0.00	46.69 2.93 0.00
DUNKIRK___2 23564	37.64 2.13 0.00	33.69 1.39 0.00	32.35 0.85 0.00	31.63 1.19 0.00	31.70 1.22 0.00	31.78 1.16 0.00	31.19 1.82 0.00	40.42 1.63 0.00	41.92 2.00 0.00	50.09 2.92 0.00	59.94 3.39 0.00	70.63 4.56 0.00	76.42 5.53 0.00	87.16 6.46 0.00	98.32 6.35 0.00	107.50 6.94 0.00	133.83 7.22 0.00	153.59 9.10 0.00	134.99 10.23 0.00	100.59 8.47 0.00	81.82 6.48 0.00	73.29 4.99 0.00	53.84 3.62 0.00	46.69 2.93 0.00
DUNKIRK___3 23565	37.36 1.85 0.00	33.46 1.16 0.00	32.13 0.63 0.00	31.44 1.00 0.00	31.49 1.01 0.00	31.57 0.95 0.00	30.95 1.59 0.00	40.07 1.28 0.00	41.56 1.64 0.00	49.62 2.45 0.00	59.38 2.83 0.00	70.03 3.96 0.00	75.71 4.82 0.00	86.35 5.65 0.00	97.40 5.43 0.00	106.60 6.03 0.00	132.69 6.08 0.00	152.29 7.80 0.00	133.74 8.98 0.00	99.67 7.55 0.00	81.07 5.73 0.00	72.61 4.30 0.00	53.39 3.16 0.00	46.30 2.54 0.00
DUNKIRK___4 23566	37.36 1.85 0.00	33.46 1.16 0.00	32.13 0.63 0.00	31.44 1.00 0.00	31.49 1.01 0.00	31.57 0.95 0.00	30.95 1.59 0.00	40.07 1.28 0.00	41.56 1.64 0.00	49.62 2.45 0.00	59.38 2.83 0.00	70.03 3.96 0.00	75.71 4.82 0.00	86.35 5.65 0.00	97.40 5.43 0.00	106.60 6.03 0.00	132.69 6.08 0.00	152.29 7.80 0.00	133.74 8.98 0.00	99.67 7.55 0.00	81.07 5.73 0.00	72.61 4.30 0.00	53.39 3.16 0.00	46.30 2.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.93 2.41 0.00	33.98 1.68 0.00	33.14 1.64 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.81 1.44 0.00	41.19 2.40 0.00	42.80 2.87 0.00	50.28 3.11 0.00	59.66 3.11 0.00	69.31 3.24 0.00	74.65 3.76 0.00	85.31 4.60 0.00	97.68 5.70 0.00	108.78 6.74 -1.48	139.25 9.88 -2.77	158.00 11.41 -2.10	135.44 9.23 -1.45	100.13 6.36 -1.65	83.16 5.05 -2.77	75.20 4.24 -2.66	53.24 3.01 0.00	46.83 3.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.64 2.13 0.00	33.79 1.49 0.00	32.95 1.45 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.94 1.32 0.00	30.60 1.23 0.00	40.73 1.94 0.00	42.28 2.36 0.00	49.71 2.55 0.00	59.09 2.54 0.00	68.78 2.71 0.00	74.15 3.26 0.00	84.82 4.12 0.00	97.03 5.06 0.00	106.60 6.03 0.00	137.20 8.86 -1.72	154.89 10.40 0.00	133.37 8.61 0.00	99.18 6.08 -0.98	82.44 4.75 -2.36	74.61 4.03 -2.27	52.89 2.66 0.00	46.39 2.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.03 1.58 -0.01	32.07 1.58 -0.01	32.22 1.59 -0.01	30.92 1.56 0.00	41.54 2.75 0.00	43.00 3.07 0.00	50.23 3.07 0.00	59.20 2.66 0.01	68.57 2.51 0.01	73.94 3.05 0.00	84.57 3.87 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	138.87 9.50 -2.77	157.42 10.84 -2.10	134.70 8.48 -1.45	99.38 5.62 -1.65	82.63 4.52 -2.76	74.78 3.83 -2.65	53.25 3.01 -0.01	47.18 3.41 -0.01
E179THST_13_KV_LOAD 356214	38.54 3.02 -0.01	34.41 2.10 -0.01	33.52 2.02 -0.01	32.18 1.74 -0.01	32.23 1.74 -0.01	32.37 1.75 -0.01	31.07 1.70 0.00	41.77 2.99 0.00	43.24 3.31 0.00	50.56 3.40 0.00	59.65 3.11 0.01	69.03 2.97 0.01	74.51 3.62 0.00	85.22 4.52 0.01	97.58 5.61 0.01	108.67 6.64 -1.47	140.01 10.64 -2.77	158.72 12.14 -2.10	135.82 9.61 -1.45	100.12 6.36 -1.65	83.30 5.20 -2.76	75.33 4.37 -2.65	53.65 3.42 -0.01	47.49 3.72 -0.01
EAST HAMPTON___GT 23717	86.21 5.47 -45.23	54.07 4.26 -17.50	48.92 4.06 -13.36	46.50 3.74 -12.32	42.63 3.66 -8.49	46.31 3.70 -11.99	44.14 3.67 -11.10	54.78 5.70 -10.29	64.96 6.39 -18.65	81.22 7.45 -26.60	68.82 8.65 -3.62	83.98 9.85 -8.07	91.94 8.50 -12.54	118.33 10.25 -27.38	193.64 11.95 -89.72	297.84 11.86 -185.41	268.12 15.70 -125.81	271.94 18.50 -108.95	248.64 15.22 -108.66	221.38 12.35 -116.92	141.84 9.72 -56.78	110.16 8.33 -33.53	73.23 5.87 -17.13	66.86 5.56 -17.54
EAST RIVER___6 23660	38.14 2.63 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.78 1.34 0.00	31.82 1.34 0.00	31.94 1.32 0.00	30.81 1.44 0.00	41.50 2.71 0.00	43.08 3.15 0.00	50.61 3.44 0.00	59.83 3.28 0.00	69.44 3.37 0.00	75.07 4.18 0.00	85.47 4.76 0.00	97.87 5.89 0.00	108.88 6.84 -1.48	139.63 10.25 -2.77	158.28 11.70 -2.10	135.44 9.23 -1.45	99.85 6.08 -1.65	83.08 4.97 -2.77	75.13 4.17 -2.66	53.39 3.17 0.00	47.09 3.32 0.00
EAST RIVER___7 23524	38.14 2.63 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.78 1.34 0.00	31.82 1.34 0.00	31.94 1.32 0.00	30.81 1.44 0.00	41.50 2.71 0.00	43.08 3.15 0.00	50.61 3.44 0.00	59.83 3.28 0.00	69.44 3.37 0.00	75.07 4.18 0.00	85.47 4.76 0.00	97.87 5.89 0.00	108.88 6.84 -1.48	139.63 10.25 -2.77	158.28 11.70 -2.10	135.44 9.23 -1.45	99.85 6.08 -1.65	83.08 4.97 -2.77	75.13 4.17 -2.66	53.39 3.17 0.00	47.09 3.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.86 2.34 0.00	33.92 1.62 0.00	33.07 1.57 0.00	31.81 1.37 0.00	31.82 1.34 0.00	32.00 1.38 0.00	30.75 1.38 0.00	41.08 2.29 0.00	42.64 2.71 0.00	50.14 2.97 0.00	59.49 2.94 0.00	69.11 3.04 0.00	74.43 3.54 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.47 6.44 -1.47	138.74 9.37 -2.76	157.56 10.98 -2.09	135.07 8.86 -1.45	99.85 6.08 -1.65	82.93 4.82 -2.76	74.99 4.03 -2.65	53.09 2.86 0.00	46.69 2.93 0.00
EAST_HAMPTON___DIESEL 23722	86.21 5.47 -45.23	54.07 4.26 -17.50	48.92 4.06 -13.36	46.53 3.77 -12.32	42.66 3.69 -8.49	46.34 3.73 -11.99	44.14 3.67 -11.10	54.78 5.70 -10.29	65.00 6.43 -18.65	81.27 7.50 -26.60	68.87 8.71 -3.62	84.05 9.91 -8.07	91.80 8.36 -12.54	118.17 10.09 -27.38	193.47 11.78 -89.72	297.64 11.66 -185.41	267.86 15.44 -125.81	271.65 18.21 -108.95	248.39 14.96 -108.66	221.19 12.16 -116.92	141.69 9.57 -56.78	110.03 8.19 -33.53	73.13 5.77 -17.13	66.77 5.47 -17.54
EAST_POINT___SOLAR 323840	39.56 4.05 0.00	35.66 3.36 0.00	34.62 3.12 0.00	33.39 2.95 0.00	33.47 2.99 0.00	33.56 2.94 0.00	32.01 2.64 0.00	42.78 4.00 0.00	43.12 3.20 0.00	50.61 3.44 0.00	60.11 3.56 0.00	69.30 3.24 0.00	75.14 4.25 0.00	85.95 5.24 0.00	98.41 6.44 0.00	115.39 7.34 -7.49	140.53 8.22 -5.69	168.83 13.73 -10.61	149.08 16.96 -7.35	119.20 14.09 -12.99	112.21 11.75 -25.12	103.09 10.65 -24.13	56.61 6.38 0.00	48.97 5.21 0.00
EAST_PULASKI___ESR 323781	37.45 0.21 -1.73	33.04 0.00 -0.74	31.84 -0.13 -0.47	30.50 -0.09 -0.15	30.54 -0.09 -0.15	30.83 0.00 -0.21	29.49 0.12 0.00	42.23 0.35 -3.09	43.12 0.16 -3.04	52.57 0.19 -5.22	65.03 0.06 -8.42	77.70 0.33 -11.30	84.08 0.43 -12.77	96.64 0.24 -15.69	110.28 0.18 -18.12	121.24 0.00 -20.67	151.14 -0.13 -24.66	168.75 0.43 -23.83	148.81 0.88 -23.17	111.67 0.92 -18.63	89.94 0.68 -13.93	81.20 0.96 -11.94	56.82 0.35 -6.23	48.37 0.09 -4.52
EAST_RIVER___1 323558	38.14 2.63 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.84 1.40 0.00	31.88 1.40 0.00	32.03 1.41 0.00	30.86 1.50 0.00	41.50 2.71 0.00	43.04 3.12 0.00	50.51 3.35 0.00	59.77 3.22 0.00	69.44 3.37 0.00	75.00 4.11 0.00	85.38 4.68 0.00	97.87 5.89 0.00	108.88 6.84 -1.48	139.63 10.25 -2.77	158.28 11.70 -2.10	135.57 9.36 -1.45	100.04 6.27 -1.65	83.08 4.97 -2.77	75.20 4.24 -2.66	53.34 3.12 0.00	47.05 3.28 0.00
EAST_RIVER___2 323559	38.14 2.63 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.78 1.34 0.00	31.82 1.34 0.00	31.94 1.32 0.00	30.81 1.44 0.00	41.50 2.71 0.00	43.08 3.15 0.00	50.61 3.44 0.00	59.83 3.28 0.00	69.44 3.37 0.00	75.07 4.18 0.00	85.47 4.76 0.00	97.87 5.89 0.00	108.88 6.84 -1.48	139.63 10.25 -2.77	158.28 11.70 -2.10	135.44 9.23 -1.45	99.85 6.08 -1.65	83.08 4.97 -2.77	75.13 4.17 -2.66	53.39 3.17 0.00	47.09 3.32 0.00
EAST___DELAWARE_HYD 23607	36.97 1.46 0.00	33.14 0.84 0.00	32.32 0.82 0.00	31.08 0.64 0.00	31.12 0.64 0.00	31.29 0.67 0.00	30.01 0.65 0.00	39.95 1.16 0.00	41.44 1.52 0.00	48.34 1.18 0.00	57.40 0.85 0.00	66.99 0.92 0.00	72.59 1.70 0.00	82.61 2.18 0.28	94.20 2.85 0.63	104.29 3.72 0.00	132.04 6.20 0.77	152.00 7.51 0.00	131.12 6.36 0.00	97.70 4.51 -1.07	81.21 3.31 -2.56	74.05 3.28 -2.47	52.09 1.86 0.00	45.56 1.79 0.00
EIGHT_POINT___WT_PWR 323820	37.51 1.77 -0.23	33.56 1.16 -0.10	32.25 0.69 -0.06	31.43 0.97 -0.02	31.45 0.95 -0.02	31.81 1.16 -0.03	30.89 1.53 0.00	41.36 2.17 -0.40	42.40 2.07 -0.40	50.72 2.88 -0.68	61.10 3.45 -1.10	71.90 4.36 -1.48	77.59 5.03 -1.67	88.49 5.73 -2.05	100.05 5.70 -2.37	109.50 6.24 -2.70	136.92 7.09 -3.22	156.86 9.26 -3.11	137.64 9.85 -3.03	102.56 8.01 -2.43	83.34 6.18 -1.82	74.79 4.92 -1.56	54.16 3.12 -0.81	46.80 2.45 -0.59
ELBRIDGE_115KV_TB2 80188	36.84 0.18 -1.15	32.79 0.00 -0.49	31.68 -0.13 -0.31	30.45 -0.09 -0.10	30.49 -0.09 -0.10	30.70 -0.06 -0.14	29.43 0.06 0.00	41.08 0.23 -2.06	42.27 0.32 -2.02	51.01 0.38 -3.47	62.49 0.34 -5.60	74.25 0.66 -7.52	80.10 0.71 -8.50	92.12 0.97 -10.45	104.95 0.92 -12.06	115.33 1.01 -13.76	144.16 1.14 -16.41	162.23 1.88 -15.86	142.30 2.12 -15.42	106.27 1.75 -12.40	85.89 1.28 -9.27	77.14 0.89 -7.95	54.63 0.25 -4.15	46.82 0.04 -3.01
ELEC_TRO_TEK 24086	83.65 2.91 -45.22	51.90 2.10 -17.50	46.90 2.05 -13.36	44.59 1.83 -12.32	40.77 1.80 -8.49	44.48 1.87 -11.99	42.29 1.82 -11.10	51.99 2.91 -10.29	61.92 3.35 -18.64	77.49 3.73 -26.60	64.00 3.85 -3.61	70.10 4.03 0.00	84.45 4.75 -8.81	91.14 5.73 -4.70	107.70 6.90 -8.82	189.46 8.15 -80.75	206.90 11.52 -68.77	249.17 13.44 -91.24	244.27 10.85 -108.65	103.32 7.65 -3.55	96.14 6.10 -14.69	88.76 5.19 -15.26	67.84 3.72 -13.89	64.97 3.68 -17.53

ELLENBURG_WT_PWR 323604	34.02 -1.49 0.00	31.40 -0.90 0.00	30.68 -0.82 0.00	29.71 -0.73 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.10 -0.26 0.00	38.13 -0.66 0.00	39.08 -0.84 0.00	46.27 -0.90 0.00	55.93 -0.62 0.00	65.14 -0.93 0.00	68.05 -2.84 0.00	76.67 -4.03 0.00	87.19 -4.79 0.00	95.13 -5.43 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.65 -7.11 0.00	86.68 -5.43 0.00	71.12 -4.22 0.00	65.85 -2.46 0.00	49.33 -0.90 0.00	42.98 -0.79 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.90 1.38 0.00	33.08 0.78 0.00	31.78 0.28 0.00	31.08 0.64 0.00	31.15 0.67 0.00	31.17 0.55 0.00	30.57 1.20 0.00	39.49 0.70 0.00	40.92 1.00 0.00	48.86 1.70 0.00	58.47 1.92 0.00	68.97 2.91 0.00	74.65 3.76 0.00	85.06 4.36 0.00	95.84 3.86 0.00	104.79 4.22 0.00	130.41 3.80 0.00	149.55 5.06 0.00	131.62 6.86 0.00	98.01 5.90 0.00	79.71 4.37 0.00	71.45 3.14 0.00	52.69 2.46 0.00	45.69 1.93 0.00
EMPIRE_CC_1 323656	37.22 1.70 0.00	33.56 1.26 0.00	32.79 1.29 0.00	31.62 1.19 0.00	31.67 1.19 0.00	31.69 1.07 0.00	30.31 0.94 0.00	40.26 1.47 0.00	41.52 1.60 0.00	48.96 1.79 0.00	58.19 1.64 0.00	67.85 1.78 0.00	72.80 1.91 0.00	82.40 1.70 0.00	94.28 2.30 0.00	130.00 2.72 -26.72	147.15 3.67 -16.86	186.99 4.62 -37.87	154.74 3.74 -26.24	110.08 2.76 -15.20	92.51 2.34 -14.83	84.52 2.12 -14.09	52.59 2.36 0.00	45.95 2.19 0.00
EMPIRE_CC_2 323658	37.22 1.70 0.00	33.56 1.26 0.00	32.79 1.29 0.00	31.62 1.19 0.00	31.67 1.19 0.00	31.69 1.07 0.00	30.31 0.94 0.00	40.26 1.47 0.00	41.52 1.60 0.00	48.96 1.79 0.00	58.19 1.64 0.00	67.85 1.78 0.00	72.80 1.91 0.00	82.40 1.70 0.00	94.28 2.30 0.00	130.00 2.72 -26.72	147.15 3.67 -16.86	186.99 4.62 -37.87	154.74 3.74 -26.24	110.08 2.76 -15.20	92.51 2.34 -14.83	84.52 2.12 -14.09	52.59 2.36 0.00	45.95 2.19 0.00
ENORWICH_115KV_TB1 80156	39.73 3.80 -0.42	35.58 3.10 -0.18	34.29 2.68 -0.11	33.16 2.68 -0.04	33.20 2.68 -0.04	33.55 2.88 -0.05	32.48 3.11 0.00	43.85 4.31 -0.76	45.06 4.39 -0.74	53.63 5.19 -1.27	64.38 5.77 -2.06	76.10 7.27 -2.76	81.88 7.87 -3.12	93.82 9.28 -3.84	106.71 10.30 -4.43	116.68 11.06 -5.05	146.82 14.18 -6.03	169.39 19.07 -5.82	148.39 17.97 -5.66	110.89 13.63 -5.14	91.16 11.00 -4.82	82.08 9.49 -4.28	57.93 6.18 -1.52	49.90 5.03 -1.11
ERIE_ST__34_KV_TB1-2 80199	37.54 2.02 0.00	33.56 1.26 0.00	32.22 0.72 0.00	31.50 1.07 0.00	31.58 1.10 0.00	31.66 1.04 0.00	31.04 1.67 0.00	40.18 1.40 0.00	41.68 1.76 0.00	49.85 2.69 0.00	59.72 3.17 0.00	70.49 4.43 0.00	76.28 5.39 0.00	87.00 6.30 0.00	98.32 6.35 0.00	107.60 7.04 0.00	133.83 7.22 0.00	153.59 9.10 0.00	134.99 10.23 0.00	100.41 8.29 0.00	81.44 6.10 0.00	72.95 4.64 0.00	53.59 3.37 0.00	46.43 2.67 0.00
ERIE_WT_PWR 323693	37.15 1.63 0.00	33.27 0.97 0.00	31.97 0.47 0.00	31.32 0.88 0.00	31.33 0.85 0.00	31.60 0.98 0.00	30.75 1.38 0.00	40.14 1.36 0.00	41.28 1.36 0.00	49.34 2.17 0.00	59.15 2.60 0.00	69.63 3.57 0.00	75.43 4.54 0.00	85.87 5.17 0.00	96.85 4.87 0.00	105.89 5.33 0.00	131.80 5.19 0.00	151.28 6.79 0.00	132.99 8.23 0.00	99.03 6.91 0.00	80.47 5.13 0.00	72.13 3.82 0.00	53.14 2.91 0.00	46.08 2.32 0.00
ESPRGFLD_115KV_TB1 80157	38.57 3.05 0.00	34.76 2.45 0.00	33.80 2.30 0.00	32.63 2.19 0.00	32.71 2.23 0.00	32.89 2.27 0.00	31.60 2.23 0.00	42.08 3.30 0.00	43.28 3.35 0.00	51.08 3.91 0.00	60.85 4.30 0.00	71.02 4.96 0.00	76.63 5.74 0.00	87.57 6.86 0.00	99.89 7.91 0.00	114.17 8.65 -4.96	140.47 10.00 -3.85	165.24 13.73 -7.02	143.48 13.85 -4.87	111.53 10.69 -8.73	101.01 8.74 -16.93	92.43 7.86 -16.27	55.00 4.77 0.00	47.70 3.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.48 1.38 -0.59	33.55 1.00 -0.25	32.45 0.79 -0.16	31.31 0.82 -0.05	31.36 0.82 -0.05	31.58 0.89 -0.07	30.40 1.03 0.00	41.43 1.59 -1.05	42.59 1.64 -1.03	50.91 1.98 -1.77	61.61 2.21 -2.85	72.74 2.84 -3.83	78.34 3.12 -4.33	89.74 3.71 -5.32	102.16 4.05 -6.14	111.99 4.42 -7.01	140.66 5.70 -8.36	160.37 7.80 -8.07	140.10 7.49 -7.85	104.61 5.90 -6.60	85.41 4.67 -5.39	76.83 3.83 -4.70	54.55 2.21 -2.11	47.00 1.71 -1.53
ETNA____115KV_TB2 80207	37.48 1.38 -0.59	33.55 1.00 -0.25	32.45 0.79 -0.16	31.31 0.82 -0.05	31.36 0.82 -0.05	31.58 0.89 -0.07	30.40 1.03 0.00	41.43 1.59 -1.05	42.59 1.64 -1.03	50.91 1.98 -1.77	61.61 2.21 -2.85	72.74 2.84 -3.83	78.34 3.12 -4.33	89.74 3.71 -5.32	102.16 4.05 -6.14	111.99 4.42 -7.01	140.66 5.70 -8.36	160.37 7.80 -8.07	140.10 7.49 -7.85	104.61 5.90 -6.60	85.41 4.67 -5.39	76.83 3.83 -4.70	54.55 2.21 -2.11	47.00 1.71 -1.53
EUCLID____115KV_TB2 356179	35.94 -0.07 -0.50	32.29 -0.23 -0.21	31.32 -0.31 -0.13	30.21 -0.27 -0.04	30.25 -0.27 -0.04	30.40 -0.28 -0.06	29.22 -0.15 0.00	39.60 -0.08 -0.89	40.80 0.00 -0.87	48.76 0.09 -1.50	58.97 0.00 -2.42	69.58 0.26 -3.25	74.91 0.35 -3.67	85.70 0.48 -4.51	97.64 0.46 -5.20	107.00 0.50 -5.94	134.07 0.38 -7.08	152.20 0.87 -6.84	132.54 1.12 -6.65	98.39 0.92 -5.35	80.02 0.68 -4.00	72.14 0.41 -3.43	51.97 -0.05 -1.79	44.89 -0.18 -1.30
E_CANADA_CAP_HY 24051	39.24 3.73 0.00	35.37 3.07 0.00	34.37 2.87 0.00	33.15 2.71 0.00	33.22 2.74 0.00	33.38 2.76 0.00	32.01 2.64 0.00	42.82 4.03 0.00	43.72 3.79 0.00	51.46 4.29 0.00	61.24 4.69 0.00	71.16 5.09 0.00	77.05 6.16 0.00	87.97 7.27 0.00	100.62 8.64 0.00	116.92 9.75 -6.60	142.42 10.76 -5.05	169.02 15.17 -9.36	147.35 16.10 -6.49	116.42 12.80 -11.50	108.15 10.55 -22.26	99.47 9.77 -21.39	56.10 5.87 0.00	48.53 4.77 0.00
E_CANADA_MHWK_HY 24050	36.29 0.78 0.00	32.85 0.55 0.00	31.97 0.47 0.00	30.92 0.49 0.00	31.00 0.52 0.00	31.17 0.55 0.00	29.90 0.53 0.00	39.60 0.82 0.00	40.80 0.88 0.00	48.20 1.04 0.00	57.68 1.13 0.00	67.46 1.39 0.00	72.38 1.49 0.00	82.40 1.70 0.00	93.91 1.93 0.00	102.27 1.71 0.00	128.89 2.28 0.00	147.53 3.04 0.00	127.25 2.49 0.00	94.05 1.94 0.00	76.93 1.58 0.00	69.94 1.64 0.00	51.38 1.16 0.00	44.77 1.01 0.00
E_FISHKILL____LBMP 23776	37.61 2.10 0.00	33.75 1.45 0.00	32.92 1.42 0.00	31.69 1.25 0.00	31.70 1.22 0.00	31.88 1.26 0.00	30.54 1.17 0.00	40.73 1.94 0.00	42.24 2.32 0.00	49.71 2.55 0.00	58.98 2.43 0.00	68.58 2.51 0.00	73.87 2.98 0.00	84.34 3.63 0.00	96.57 4.60 0.00	107.63 5.53 -1.53	137.45 7.98 -2.86	156.06 9.39 -2.17	133.75 7.49 -1.51	99.07 5.25 -1.70	82.40 4.22 -2.84	74.59 3.55 -2.73	52.79 2.56 0.00	46.34 2.58 0.00
FALCON____SEABRD_CC1 323796	34.45 -1.06 0.00	31.78 -0.52 0.00	31.06 -0.44 0.00	30.08 -0.36 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.49 0.12 0.00	38.63 -0.15 0.00	39.65 -0.28 0.00	46.93 -0.23 0.00	56.72 0.17 0.00	66.07 0.00 0.00	67.63 -3.26 0.00	75.62 -5.08 0.00	86.00 -5.98 0.00	93.92 -6.64 0.00	118.50 -8.11 0.00	134.66 -9.83 0.00	116.02 -8.74 0.00	85.48 -6.63 0.00	70.22 -5.13 0.00	65.78 -2.53 0.00	49.98 -0.25 0.00	43.50 -0.26 0.00

FALCON___SEABRD_CC2 323797	34.45 -1.06 0.00	31.78 -0.52 0.00	31.06 -0.44 0.00	30.08 -0.36 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.49 0.12 0.00	38.63 -0.15 0.00	39.65 -0.28 0.00	46.93 -0.23 0.00	56.72 0.17 0.00	66.07 0.00 0.00	67.63 -3.26 0.00	75.62 -5.08 0.00	86.00 -5.98 0.00	93.92 -6.64 0.00	118.50 -8.11 0.00	134.66 -9.83 0.00	116.02 -8.74 0.00	85.48 -6.63 0.00	70.22 -5.13 0.00	65.78 -2.53 0.00	49.98 -0.25 0.00	43.50 -0.26 0.00
FAR ROCKAWAY___4 23548	84.29 3.55 -45.22	52.45 2.65 -17.50	47.41 2.55 -13.36	45.07 2.31 -12.32	41.23 2.26 -8.49	44.94 2.33 -11.99	42.73 2.26 -11.10	52.53 3.45 -10.29	62.55 3.99 -18.64	78.30 4.53 -26.60	65.13 4.98 -3.61	71.62 5.55 0.00	85.44 5.74 -8.81	92.27 6.86 -4.70	108.98 8.19 -8.82	195.97 9.45 -85.95	208.80 13.42 -68.77	251.33 15.60 -91.24	246.14 12.73 -108.65	104.79 9.12 -3.56	97.85 7.08 -15.43	89.64 6.08 -15.26	68.59 4.47 -13.89	65.93 4.64 -17.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.14 2.63 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.51 3.35 0.00	59.83 3.28 0.00	69.44 3.37 0.00	74.79 3.90 0.00	85.39 4.68 0.00	97.86 5.89 0.00	108.98 6.94 -1.48	139.63 10.26 -2.77	158.43 11.85 -2.10	135.57 9.36 -1.45	100.13 6.36 -1.65	83.24 5.12 -2.77	75.20 4.24 -2.66	53.39 3.16 0.00	47.04 3.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.87 1.43 0.00	31.91 1.43 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.51 3.35 0.00	59.83 3.28 0.00	69.44 3.37 0.00	74.79 3.90 0.00	85.39 4.68 0.00	97.86 5.89 0.00	108.98 6.94 -1.48	139.63 10.26 -2.77	158.43 11.85 -2.10	135.57 9.36 -1.45	100.13 6.36 -1.65	83.24 5.12 -2.77	75.27 4.30 -2.66	53.39 3.16 0.00	47.09 3.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.10 2.59 0.00	34.05 1.74 0.00	33.20 1.70 0.00	31.84 1.40 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.04 3.11 0.00	50.51 3.35 0.00	59.83 3.28 0.00	69.44 3.37 0.00	74.72 3.83 0.00	85.31 4.60 0.00	97.77 5.79 0.00	108.88 6.84 -1.48	139.51 10.13 -2.77	158.29 11.70 -2.10	135.44 9.23 -1.45	100.03 6.26 -1.65	83.09 4.97 -2.77	75.13 4.17 -2.66	53.34 3.11 0.00	47.04 3.28 0.00
FARRAGUT___LBMP 323566	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	43.00 3.07 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.31 3.24 0.00	74.65 3.76 0.00	85.22 4.52 0.00	97.59 5.61 0.00	108.68 6.64 -1.48	139.25 9.88 -2.77	158.00 11.41 -2.10	135.32 9.11 -1.45	99.94 6.17 -1.65	83.01 4.90 -2.77	75.06 4.10 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
FENNER___WINDPWR 24204	37.34 1.38 -0.44	33.55 1.06 -0.19	32.50 0.88 -0.12	31.36 0.88 -0.04	31.40 0.88 -0.04	31.65 0.98 -0.05	30.39 1.03 0.00	41.17 1.59 -0.79	42.34 1.64 -0.78	50.44 1.93 -1.34	60.97 2.26 -2.16	71.87 2.90 -2.90	76.85 2.69 -3.27	87.87 3.14 -4.02	100.11 3.49 -4.64	109.47 3.61 -5.30	137.74 4.81 -6.32	156.95 6.35 -6.10	136.56 5.87 -5.94	101.40 4.51 -4.77	82.53 3.62 -3.57	74.51 3.14 -3.06	54.03 2.21 -1.60	46.72 1.79 -1.16
FIBERTEK___ENERGY 23856	36.92 0.32 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.78 0.03 -0.13	29.51 0.15 0.00	41.16 0.43 -1.94	42.31 0.48 -1.91	50.91 0.47 -3.28	62.18 0.34 -5.29	73.90 0.73 -7.10	79.69 0.78 -8.02	91.62 1.05 -9.86	104.37 1.01 -11.39	114.66 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.21 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84
FITZPATRICK____ 23598	28.74 -0.75 6.02	28.93 -0.81 2.57	29.02 -0.85 1.63	29.11 -0.79 0.54	29.15 -0.79 0.54	29.14 -0.76 0.72	28.69 -0.67 0.00	27.22 -0.78 10.79	28.53 -0.80 10.60	28.07 -0.90 18.19	26.05 -1.13 29.37	25.46 -1.19 39.42	25.15 -1.21 44.53	24.67 -1.29 54.74	27.13 -1.65 63.19	26.64 -1.81 72.11	38.20 -2.41 86.00	59.07 -2.32 83.10	42.21 -1.75 80.81	25.93 -1.20 64.99	25.71 -1.05 48.58	25.57 -1.10 41.64	27.53 -0.96 21.75	27.02 -0.96 15.78
FLOWRFLD_69_KV_BK1 356044	84.59 3.84 -45.24	52.61 2.81 -17.50	47.57 2.71 -13.36	45.22 2.47 -12.32	41.41 2.44 -8.49	45.12 2.51 -11.99	42.94 2.47 -11.10	52.96 3.88 -10.29	63.01 4.43 -18.65	78.67 4.91 -26.60	65.32 5.15 -3.62	77.71 5.09 -6.55	90.72 6.03 -13.81	122.67 6.94 -35.03	217.25 8.28 -117.00	332.40 9.65 -222.18	284.95 13.29 -145.05	274.88 15.46 -114.93	246.03 12.60 -108.67	256.29 9.03 -155.15	153.90 7.38 -71.18	114.49 6.49 -39.69	71.32 4.57 -16.52	65.86 4.55 -17.55
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.14 2.63 0.00	34.17 1.87 0.00	33.33 1.83 0.00	32.05 1.61 0.00	32.10 1.62 0.00	32.30 1.68 0.00	30.92 1.56 0.00	41.23 2.44 0.00	42.84 2.91 0.00	50.42 3.25 0.00	59.89 3.34 0.00	69.77 3.70 0.00	75.28 4.40 0.00	86.19 5.49 0.00	98.60 6.62 0.00	108.51 7.94 0.00	140.03 11.27 -2.16	157.78 13.29 0.00	135.86 11.10 0.00	101.06 7.92 -1.02	83.97 6.18 -2.45	75.93 5.26 -2.36	53.69 3.47 0.00	47.04 3.28 0.00
FORT ORANGE____ 23900	37.07 1.56 0.00	33.46 1.16 0.00	32.70 1.20 0.00	31.60 1.16 0.00	31.61 1.13 0.00	31.63 1.01 0.00	30.25 0.88 0.00	39.83 1.05 0.00	41.04 1.12 0.00	48.34 1.18 0.00	57.45 0.90 0.00	66.99 0.92 0.00	71.53 0.64 0.00	80.85 0.64 0.50	92.04 1.19 1.13	53.08 1.71 49.20	77.66 2.40 51.35	78.10 3.33 69.72	79.19 2.74 48.31	77.33 2.12 16.90	76.43 1.81 0.72	69.47 1.50 0.33	51.73 1.51 0.00	45.20 1.44 0.00
FORT_DRUM_COGEN 23780	37.59 1.21 -0.87	33.61 0.94 -0.37	32.46 0.72 -0.23	31.25 0.73 -0.08	31.32 0.76 -0.08	31.64 0.92 -0.10	30.54 1.17 0.00	41.85 1.51 -1.55	42.81 1.36 -1.52	51.24 1.46 -2.62	62.24 1.47 -4.22	73.78 2.05 -5.67	79.28 1.98 -6.40	89.46 0.89 -7.87	102.17 1.10 -9.09	111.74 0.80 -10.37	140.12 1.14 -12.37	158.75 2.31 -11.95	139.50 3.12 -11.62	104.41 2.95 -9.34	84.74 2.41 -6.98	77.98 3.69 -5.99	55.67 2.31 -3.13	47.74 1.71 -2.27
FOX_HILLS___ESR 323835	38.33 2.81 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.06 1.61 -0.01	32.07 1.58 -0.01	32.18 1.56 0.00	30.87 1.50 0.00	41.54 2.75 0.00	43.16 3.23 0.00	50.57 3.40 -0.01	59.49 2.94 0.00	68.97 2.91 0.00	74.43 3.54 0.00	84.41 3.71 0.01	96.84 4.87 0.01	107.87 5.83 -1.47	139.00 9.62 -2.77	157.57 10.98 -2.10	134.70 8.48 -1.45	99.29 5.53 -1.65	82.55 4.45 -2.76	74.85 3.89 -2.65	53.24 3.01 0.00	47.23 3.46 -0.01
FPL FAR_ROCK_GT1 24212	84.32 3.59 -45.22	52.48 2.68 -17.50	47.44 2.58 -13.36	45.07 2.31 -12.32	41.26 2.29 -8.49	44.91 2.30 -11.99	42.76 2.29 -11.10	52.61 3.53 -10.29	62.55 3.99 -18.64	78.30 4.53 -26.60	65.07 4.92 -3.61	71.62 5.55 0.00	85.66 5.96 -8.81	92.26 6.86 -4.70	108.98 8.18 -8.82	195.96 9.45 -85.95	208.80 13.41 -68.77	251.34 15.61 -91.24	246.14 12.73 -108.65	104.61 8.93 -3.56	97.77 7.01 -15.43	89.72 6.15 -15.26	68.59 4.47 -13.90	65.94 4.64 -17.54

FPL FAR_ROCK_GT2 23815	84.32 3.59 -45.22	52.48 2.68 -17.50	47.44 2.58 -13.36	45.07 2.31 -12.32	41.26 2.29 -8.49	44.91 2.30 -11.99	42.76 2.29 -11.10	52.61 3.53 -10.29	62.55 3.99 -18.64	78.30 4.53 -26.60	65.07 4.92 -3.61	71.62 5.55 0.00	85.66 5.96 -8.81	92.26 6.86 -4.70	108.98 8.18 -8.82	195.96 9.45 -85.95	208.80 13.41 -68.77	251.34 15.61 -91.24	246.14 12.73 -108.65	104.61 8.93 -3.56	97.77 7.01 -15.43	89.72 6.15 -15.26	68.59 4.47 -13.90	65.94 4.64 -17.54
FRANKLIN_FALL_HYD 24054	34.30 -1.21 0.00	31.65 -0.65 0.00	30.90 -0.60 0.00	29.92 -0.52 0.00	29.99 -0.49 0.00	30.31 -0.31 0.00	29.31 -0.06 0.00	38.48 -0.31 0.00	39.25 -0.68 0.00	46.41 -0.75 0.00	56.15 -0.40 0.00	65.28 -0.79 0.00	69.19 -1.70 0.00	77.32 -3.39 0.00	87.93 -4.05 0.00	95.94 -4.63 0.00	121.04 -5.57 0.00	137.55 -6.94 0.00	118.52 -6.24 0.00	87.42 -4.70 0.00	71.65 -3.69 0.00	66.33 -1.98 0.00	49.53 -0.70 0.00	43.11 -0.66 0.00
FREEPORT_EQUS_GT1 23764	83.82 3.09 -45.22	52.19 2.39 -17.50	47.19 2.33 -13.36	44.83 2.07 -12.32	41.05 2.07 -8.49	44.69 2.08 -11.99	42.55 2.09 -11.10	52.34 3.26 -10.29	62.28 3.71 -18.64	77.73 3.96 -26.60	64.05 3.90 -3.61	70.30 4.23 0.00	84.95 5.25 -8.81	91.54 6.13 -4.70	108.24 7.45 -8.82	189.96 8.65 -80.75	207.66 12.28 -68.77	250.04 14.31 -91.24	245.02 11.60 -108.65	103.78 8.11 -3.55	96.43 6.40 -14.69	89.37 5.80 -15.26	68.29 4.17 -13.89	65.28 3.98 -17.53
FREEPORT___CT2 23818	83.82 3.09 -45.22	52.19 2.39 -17.50	47.19 2.33 -13.36	44.83 2.07 -12.32	41.05 2.07 -8.49	44.69 2.08 -11.99	42.55 2.09 -11.10	52.34 3.26 -10.29	62.28 3.71 -18.64	77.73 3.96 -26.60	64.05 3.90 -3.61	70.30 4.23 0.00	84.95 5.25 -8.81	91.54 6.13 -4.70	108.24 7.45 -8.82	189.96 8.65 -80.75	207.66 12.28 -68.77	250.04 14.31 -91.24	245.02 11.60 -108.65	103.78 8.11 -3.55	96.43 6.40 -14.69	89.37 5.80 -15.26	68.29 4.17 -13.89	65.28 3.98 -17.53
FRESHKLS_33_KV_LOAD 356253	38.33 2.81 -0.01	34.25 1.94 -0.01	33.40 1.89 -0.01	32.09 1.64 -0.01	32.10 1.62 -0.01	32.15 1.53 0.00	30.81 1.44 0.00	41.46 2.68 0.00	43.07 3.15 0.01	43.79 3.30 6.68	43.88 2.83 15.50	44.40 2.84 24.51	45.83 3.47 28.53	55.97 3.63 28.37	68.93 4.87 27.92	74.56 5.83 31.83	88.36 9.62 47.87	108.48 10.98 46.99	91.14 8.61 42.23	71.29 5.53 26.35	55.51 4.45 24.28	45.69 3.89 26.51	43.85 2.96 9.34	43.78 3.37 3.35
FULTON COGEN____ 23766	37.37 -0.11 -1.96	32.88 -0.26 -0.84	31.68 -0.35 -0.53	30.31 -0.30 -0.17	30.35 -0.30 -0.17	30.55 -0.31 -0.23	29.16 -0.21 0.00	42.23 -0.08 -3.52	43.30 -0.08 -3.45	53.09 0.00 -5.93	66.01 -0.11 -9.57	78.98 0.07 -12.85	85.55 0.14 -14.51	98.95 0.40 -17.84	112.85 0.28 -20.60	124.37 0.30 -23.50	155.02 0.38 -28.03	172.44 0.87 -27.09	152.22 1.12 -26.34	114.31 1.01 -21.18	91.85 0.68 -15.83	82.29 0.41 -13.57	57.22 -0.10 -7.09	48.69 -0.22 -5.14
FULTON___LFGE 323630	40.73 5.22 0.00	36.66 4.36 0.00	35.50 4.00 0.00	34.15 3.71 0.00	34.29 3.81 0.00	34.45 3.83 0.00	33.18 3.82 0.00	44.96 6.17 0.00	46.27 6.35 0.00	54.71 7.54 0.00	65.20 8.65 0.00	75.91 9.85 0.00	82.66 11.77 0.00	94.26 13.55 0.00	107.98 16.00 0.00	126.45 18.10 -7.79	154.31 21.78 -5.92	183.28 27.75 -11.04	158.62 26.21 -7.65	125.25 19.62 -13.51	117.28 15.83 -26.11	107.39 14.00 -25.09	58.47 8.24 0.00	50.46 6.70 0.00
G.F.CEMENT___DRP 24184	38.14 2.63 0.00	34.40 2.10 0.00	33.45 1.95 0.00	32.20 1.77 0.00	32.28 1.80 0.00	32.37 1.75 0.00	31.10 1.73 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.89 3.73 0.00	60.73 4.18 0.00	71.02 4.96 0.00	76.84 5.95 0.00	87.48 6.78 0.00	100.16 8.19 0.00	124.85 8.85 -15.43	149.18 10.13 -12.44	178.64 12.28 -21.87	150.77 10.85 -15.16	119.12 8.94 -18.06	113.50 7.31 -30.85	104.81 6.90 -29.60	54.40 4.17 0.00	47.18 3.41 0.00
GARDENVILLE___LBMP 24039	37.04 1.53 0.00	33.17 0.87 0.00	31.88 0.38 0.00	31.17 0.73 0.00	31.24 0.76 0.00	31.29 0.67 0.00	30.69 1.32 0.00	39.64 0.85 0.00	41.12 1.20 0.00	49.10 1.93 0.00	58.76 2.21 0.00	69.31 3.24 0.00	74.93 4.04 0.00	85.39 4.68 0.00	96.30 4.32 0.00	105.29 4.73 0.00	131.04 4.43 0.00	150.41 5.92 0.00	132.25 7.49 0.00	98.47 6.36 0.00	80.09 4.75 0.00	71.79 3.48 0.00	52.89 2.66 0.00	45.86 2.10 0.00
GARDNVLA_35_KV_LD 355827	37.25 1.74 0.00	33.37 1.07 0.00	32.03 0.54 0.00	31.35 0.91 0.00	31.42 0.94 0.00	31.45 0.83 0.00	30.87 1.50 0.00	39.87 1.09 0.00	41.36 1.44 0.00	49.43 2.26 0.00	59.15 2.60 0.00	69.77 3.70 0.00	75.50 4.61 0.00	86.11 5.41 0.00	97.13 5.15 0.00	106.19 5.63 0.00	132.18 5.57 0.00	151.57 7.08 0.00	133.37 8.61 0.00	99.21 7.09 0.00	80.69 5.35 0.00	72.34 4.03 0.00	53.24 3.01 0.00	46.17 2.41 0.00
GELCKHM___115KV_LOAD 80723	36.25 0.04 -0.71	32.47 -0.13 -0.30	31.47 -0.22 -0.19	30.32 -0.18 -0.06	30.36 -0.18 -0.06	30.52 -0.18 -0.08	29.31 -0.06 0.00	40.17 0.12 -1.26	41.33 0.16 -1.24	49.48 0.19 -2.13	60.10 0.11 -3.44	71.08 0.40 -4.62	76.60 0.50 -5.21	87.84 0.73 -6.41	100.02 0.64 -7.40	109.71 0.70 -8.44	137.44 0.76 -10.07	155.52 1.30 -9.73	135.59 1.37 -9.46	100.92 1.20 -7.61	81.86 0.83 -5.69	73.73 0.55 -4.88	52.77 0.00 -2.55	45.48 -0.13 -1.85
GENERAL___MILLS 23808	37.15 1.63 0.00	33.30 1.00 0.00	31.97 0.47 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.39 0.77 0.00	30.78 1.41 0.00	39.76 0.97 0.00	41.24 1.32 0.00	49.29 2.12 0.00	58.98 2.43 0.00	69.57 3.50 0.00	75.21 4.32 0.00	85.79 5.08 0.00	96.76 4.78 0.00	105.79 5.23 0.00	131.67 5.06 0.00	150.99 6.50 0.00	132.87 8.11 0.00	98.93 6.82 0.00	80.39 5.05 0.00	72.06 3.76 0.00	53.09 2.86 0.00	46.04 2.28 0.00
GE_PLASTICS___DRP 24183	36.83 1.31 0.00	33.27 0.97 0.00	32.54 1.04 0.00	31.41 0.97 0.00	31.42 0.94 0.00	31.51 0.89 0.00	30.07 0.70 0.00	39.83 1.05 0.00	41.12 1.20 0.00	48.49 1.32 0.00	57.68 1.13 0.00	67.32 1.26 0.00	71.24 0.35 0.00	71.87 0.40 9.24	71.87 0.74 20.84	71.87 1.21 29.90	71.86 1.52 56.26	104.28 2.17 42.38	97.02 1.62 29.37	84.35 1.29 9.06	78.95 1.13 -2.48	71.87 0.96 -2.61	51.79 1.56 0.00	45.25 1.49 0.00
GILBOA___1 23756	36.79 1.28 0.00	33.33 1.03 0.00	32.73 1.23 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.75 1.13 0.00	30.10 0.73 0.00	39.99 1.20 0.00	41.28 1.36 0.00	48.67 1.51 0.00	57.90 1.35 0.00	67.59 1.52 0.00	72.66 1.77 0.00	82.72 2.02 0.00	94.55 2.57 0.00	103.48 2.92 0.00	129.78 3.17 0.00	148.24 3.75 0.00	127.88 3.12 0.00	95.31 2.58 -0.61	79.15 2.34 -1.47	71.91 2.19 -1.42	51.84 1.61 0.00	45.29 1.53 0.00
GILBOA___2 23757	36.79 1.28 0.00	33.33 1.03 0.00	32.73 1.23 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.75 1.13 0.00	30.10 0.73 0.00	39.99 1.20 0.00	41.28 1.36 0.00	48.67 1.51 0.00	57.90 1.35 0.00	67.59 1.52 0.00	72.66 1.77 0.00	82.72 2.02 0.00	94.55 2.57 0.00	103.48 2.92 0.00	129.78 3.17 0.00	148.24 3.75 0.00	127.88 3.12 0.00	95.31 2.58 -0.61	79.15 2.34 -1.47	71.91 2.19 -1.42	51.84 1.61 0.00	45.29 1.53 0.00

GILBOA___3 23758	36.79 1.28 0.00	33.33 1.03 0.00	32.73 1.23 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.75 1.13 0.00	30.10 0.73 0.00	39.99 1.20 0.00	41.28 1.36 0.00	48.67 1.51 0.00	57.90 1.35 0.00	67.59 1.52 0.00	72.66 1.77 0.00	82.72 2.02 0.00	94.55 2.57 0.00	103.48 2.92 0.00	129.78 3.17 0.00	148.24 3.75 0.00	127.88 3.12 0.00	95.31 2.58 -0.61	79.15 2.34 -1.47	71.91 2.19 -1.42	51.84 1.61 0.00	45.29 1.53 0.00
GILBOA___4 23759	36.79 1.28 0.00	33.33 1.03 0.00	32.73 1.23 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.75 1.13 0.00	30.10 0.73 0.00	39.99 1.20 0.00	41.28 1.36 0.00	48.67 1.51 0.00	57.90 1.35 0.00	67.59 1.52 0.00	72.66 1.77 0.00	82.72 2.02 0.00	94.55 2.57 0.00	103.48 2.92 0.00	129.78 3.17 0.00	148.24 3.75 0.00	127.88 3.12 0.00	95.31 2.58 -0.61	79.15 2.34 -1.47	71.91 2.19 -1.42	51.84 1.61 0.00	45.29 1.53 0.00
GILBOA___ 23599	36.79 1.28 0.00	33.30 1.00 0.00	32.73 1.23 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.75 1.13 0.00	30.07 0.70 0.00	39.95 1.16 0.00	41.28 1.36 0.00	48.67 1.51 0.00	57.91 1.36 0.00	67.59 1.52 0.00	72.59 1.70 0.00	82.72 2.02 0.00	94.55 2.58 0.00	103.48 2.92 0.00	129.77 3.17 0.00	148.25 3.76 0.00	127.88 3.12 0.00	95.31 2.58 -0.61	79.22 2.41 -1.47	71.91 2.19 -1.42	51.84 1.61 0.00	45.29 1.53 0.00
GINNA___ 23603	34.91 -0.60 0.00	31.46 -0.84 0.00	30.43 -1.07 0.00	29.53 -0.91 0.00	29.60 -0.88 0.00	29.80 -0.83 0.00	28.84 -0.53 0.00	38.05 -0.74 0.00	39.25 -0.68 0.00	46.60 -0.56 0.00	55.93 -0.62 0.00	65.87 -0.20 0.00	71.03 0.14 0.00	80.95 0.24 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	125.85 -0.76 0.00	144.35 -0.14 0.00	125.88 1.12 0.00	93.23 1.11 0.00	75.87 0.53 0.00	68.17 -0.14 0.00	49.93 -0.30 0.00	43.11 -0.66 0.00
GLEN PARK___ 23778	37.98 1.56 -0.91	33.95 1.26 -0.39	32.75 1.01 -0.25	31.52 1.00 -0.08	31.57 1.00 -0.08	31.92 1.19 -0.11	30.78 1.41 0.00	42.32 1.90 -1.63	43.20 1.68 -1.60	51.75 1.84 -2.75	62.92 1.92 -4.44	74.68 2.65 -5.96	80.25 2.62 -6.74	90.68 1.70 -8.28	103.47 1.93 -9.56	113.28 1.81 -10.91	142.02 2.40 -13.01	161.25 4.19 -12.57	141.72 4.74 -12.22	106.28 4.33 -9.83	86.23 3.54 -7.35	79.25 4.65 -6.30	56.43 2.91 -3.29	48.34 2.19 -2.39
GLENDAL_27_KV_LOAD 356172	38.39 2.88 0.00	34.27 1.97 0.00	33.39 1.89 0.00	32.05 1.61 0.00	32.10 1.62 0.00	32.27 1.65 0.00	31.04 1.67 0.00	41.77 2.99 0.00	43.40 3.47 0.00	50.80 3.63 0.00	59.94 3.39 0.00	69.44 3.37 0.00	74.86 3.97 0.00	85.38 4.68 0.01	97.85 5.89 0.01	108.97 6.94 -1.47	140.01 10.64 -2.77	158.72 12.14 -2.10	135.82 9.61 -1.45	100.12 6.36 -1.65	83.23 5.12 -2.76	75.26 4.30 -2.65	53.54 3.32 0.00	47.35 3.59 0.00
GLENWOOD_IC_1_G5 23712	83.61 2.88 -45.22	52.13 2.33 -17.50	47.12 2.27 -13.36	44.77 2.01 -12.32	40.95 1.98 -8.49	44.66 2.05 -11.99	42.50 2.03 -11.10	52.26 3.18 -10.29	61.92 3.35 -18.64	77.49 3.73 -26.60	64.11 3.96 -3.61	70.36 4.29 0.00	84.81 5.10 -8.81	91.62 6.21 -4.70	108.25 7.45 -8.82	190.06 8.75 -80.75	207.66 12.28 -68.77	250.03 14.30 -91.24	245.02 11.60 -108.65	103.69 8.01 -3.55	96.36 6.33 -14.69	88.96 5.40 -15.26	67.94 3.82 -13.89	64.97 3.68 -17.53
GLENWOOD_IC_2_G1 23688	83.75 3.02 -45.22	52.06 2.26 -17.50	47.06 2.20 -13.36	44.71 1.95 -12.32	40.89 1.92 -8.49	44.54 1.93 -11.99	42.44 1.97 -11.10	52.18 3.10 -10.29	62.03 3.47 -18.64	77.64 3.87 -26.60	64.17 4.02 -3.61	70.43 4.36 0.00	85.02 5.32 -8.81	91.62 6.21 -4.70	108.24 7.45 -8.82	190.06 8.74 -80.75	207.66 12.28 -68.77	250.04 14.31 -91.24	245.02 11.60 -108.65	103.78 8.11 -3.55	96.36 6.33 -14.69	89.03 5.47 -15.26	68.04 3.92 -13.89	65.10 3.81 -17.53
GLENWOOD_IC_3_G1 23689	83.75 3.02 -45.22	52.06 2.26 -17.50	47.06 2.20 -13.36	44.71 1.95 -12.32	40.89 1.92 -8.49	44.54 1.93 -11.99	42.44 1.97 -11.10	52.18 3.10 -10.29	62.03 3.47 -18.64	77.64 3.87 -26.60	64.17 4.02 -3.61	70.43 4.36 0.00	85.02 5.32 -8.81	91.62 6.21 -4.70	108.24 7.45 -8.82	190.06 8.74 -80.75	207.66 12.28 -68.77	250.04 14.31 -91.24	245.02 11.60 -108.65	103.78 8.11 -3.55	96.36 6.33 -14.69	89.03 5.47 -15.26	68.04 3.92 -13.89	65.10 3.81 -17.53
GLENWOOD___4 23550	83.68 2.95 -45.22	52.13 2.33 -17.50	47.12 2.27 -13.36	44.77 2.01 -12.32	40.95 1.98 -8.49	44.66 2.05 -11.99	42.50 2.03 -11.10	52.26 3.18 -10.29	62.04 3.47 -18.64	77.64 3.87 -26.60	64.23 4.07 -3.61	70.49 4.43 0.00	85.02 5.32 -8.81	91.86 6.46 -4.70	108.52 7.73 -8.82	190.36 9.05 -80.75	208.04 12.66 -68.77	250.47 14.74 -91.24	245.26 11.85 -108.65	103.96 8.29 -3.55	96.59 6.55 -14.69	89.10 5.53 -15.26	68.09 3.97 -13.89	65.10 3.81 -17.53
GLENWOOD___5 23614	83.68 2.95 -45.22	52.13 2.33 -17.50	47.12 2.27 -13.36	44.77 2.01 -12.32	40.95 1.98 -8.49	44.66 2.05 -11.99	42.50 2.03 -11.10	52.26 3.18 -10.29	62.04 3.47 -18.64	77.64 3.87 -26.60	64.23 4.07 -3.61	70.49 4.43 0.00	85.02 5.32 -8.81	91.86 6.46 -4.70	108.52 7.73 -8.82	190.36 9.05 -80.75	208.04 12.66 -68.77	250.47 14.74 -91.24	245.26 11.85 -108.65	103.96 8.29 -3.55	96.59 6.55 -14.69	89.10 5.53 -15.26	68.09 3.97 -13.89	65.10 3.81 -17.53
GLOBAL GREEN_PORT_GT1 23814	86.07 5.33 -45.23	53.94 4.14 -17.50	48.79 3.94 -13.36	46.41 3.65 -12.32	42.54 3.56 -8.49	46.22 3.61 -11.99	44.05 3.58 -11.10	54.67 5.59 -10.29	64.80 6.23 -18.65	81.03 7.26 -26.60	68.53 8.37 -3.62	83.66 9.52 -8.07	92.30 8.86 -12.55	118.74 10.65 -27.38	194.22 12.51 -89.74	297.27 11.26 -185.45	267.50 15.06 -125.83	271.21 17.77 -108.96	248.01 14.59 -108.66	222.06 12.99 -116.95	142.38 10.24 -56.79	110.65 8.82 -33.53	73.54 6.18 -17.13	67.08 5.78 -17.54
GLOBE___DSASP 323697	35.51 0.00 0.00	32.11 -0.19 0.00	30.90 -0.60 0.00	30.26 -0.18 0.00	30.11 -0.37 0.00	30.07 -0.55 0.00	29.51 0.15 0.00	37.97 -0.81 0.00	39.33 -0.60 0.00	46.93 -0.24 0.00	56.10 -0.45 0.00	66.13 0.07 0.00	71.46 0.57 0.00	81.35 0.65 0.00	91.52 -0.46 0.00	100.06 -0.50 0.00	124.33 -2.28 0.00	142.61 -1.88 0.00	125.76 1.00 0.00	93.68 1.57 0.00	76.32 0.98 0.00	68.51 0.20 0.00	50.73 0.50 0.00	44.02 0.26 0.00
GOETHSLN___LBMP 323567	37.89 2.38 0.00	33.85 1.55 0.00	32.98 1.48 0.00	31.63 1.19 0.00	31.67 1.19 0.00	31.88 1.26 0.00	30.66 1.29 0.00	41.23 2.44 0.00	42.76 2.83 0.00	43.42 2.92 6.67	43.84 2.77 15.48	44.35 2.77 24.49	45.64 3.26 28.51	56.30 3.95 28.36	69.03 4.97 27.91	74.67 5.93 31.82	87.75 8.99 47.85	107.92 10.40 46.97	90.65 8.11 42.22	71.21 5.43 26.34	55.44 4.37 24.27	45.42 3.62 26.50	43.63 2.71 9.31	43.35 2.93 3.35
GOLAH___69_KV_TB 1_2 80279	37.07 1.56 0.00	33.43 1.13 0.00	32.22 0.72 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.42 0.80 0.00	30.63 1.26 0.00	39.87 1.09 0.00	41.20 1.28 0.00	48.96 1.79 0.00	58.59 2.04 0.00	69.04 2.97 0.00	74.15 3.26 0.00	84.58 3.87 0.00	95.75 3.77 0.00	104.58 4.02 0.00	130.53 3.92 0.00	149.84 5.35 0.00	131.75 6.99 0.00	97.74 5.62 0.00	79.56 4.22 0.00	71.59 3.28 0.00	52.69 2.46 0.00	45.69 1.93 0.00

GOODYEAR_LAKE_HYD 323669	37.75 2.24 0.00	34.05 1.74 0.00	33.17 1.67 0.00	32.05 1.61 0.00	32.10 1.62 0.00	32.27 1.65 0.00	30.95 1.59 0.00	41.15 2.37 0.00	42.48 2.56 0.00	50.14 2.97 0.00	59.83 3.28 0.00	69.97 3.90 0.00	75.28 4.40 0.00	85.95 5.25 0.00	97.95 5.98 0.00	109.10 6.54 -2.00	136.16 7.85 -1.70	157.58 10.26 -2.83	136.33 9.61 -1.96	103.13 7.28 -3.74	88.58 5.88 -7.36	80.57 5.19 -7.07	53.54 3.32 0.00	46.61 2.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.01 1.10 -0.40	33.21 0.74 -0.17	32.17 0.57 -0.11	31.11 0.64 -0.04	31.16 0.64 -0.04	31.31 0.64 -0.05	30.13 0.76 0.00	40.55 1.05 -0.72	41.83 1.20 -0.71	49.93 1.56 -1.21	60.20 1.70 -1.96	70.88 2.18 -2.63	76.41 2.55 -2.97	87.42 3.07 -3.65	99.41 3.22 -4.21	108.99 3.62 -4.81	136.65 4.30 -5.73	155.66 5.64 -5.54	135.76 5.61 -5.39	101.26 4.42 -4.72	82.97 3.47 -4.17	74.71 2.73 -3.67	53.39 1.71 -1.45	46.17 1.36 -1.05
GOUDEY___7 23579	37.05 1.14 -0.40	33.25 0.78 -0.17	32.21 0.60 -0.11	31.14 0.67 -0.04	31.19 0.67 -0.04	31.34 0.67 -0.05	30.16 0.79 0.00	40.59 1.09 -0.72	41.87 1.24 -0.71	49.98 1.60 -1.21	60.26 1.75 -1.96	71.01 2.31 -2.63	76.48 2.62 -2.97	87.50 3.15 -3.65	99.59 3.40 -4.21	109.19 3.82 -4.81	136.77 4.43 -5.73	155.81 5.78 -5.54	135.89 5.74 -5.39	101.44 4.61 -4.72	83.05 3.54 -4.17	74.85 2.87 -3.67	53.44 1.76 -1.45	46.21 1.40 -1.05
GOUDEY___8 23580	37.01 1.10 -0.40	33.21 0.74 -0.17	32.17 0.57 -0.11	31.11 0.64 -0.04	31.16 0.64 -0.04	31.31 0.64 -0.05	30.13 0.76 0.00	40.55 1.05 -0.72	41.83 1.20 -0.71	49.93 1.56 -1.21	60.20 1.70 -1.96	70.88 2.18 -2.63	76.41 2.55 -2.97	87.42 3.07 -3.65	99.41 3.22 -4.21	108.99 3.62 -4.81	136.65 4.30 -5.73	155.66 5.64 -5.54	135.76 5.61 -5.39	101.26 4.42 -4.72	82.97 3.47 -4.17	74.71 2.73 -3.67	53.39 1.71 -1.45	46.17 1.36 -1.05
GOWANUS_GT1_1 24077	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_2 24078	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_3 24079	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_4 24080	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_5 24084	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_6 24111	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_7 24112	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT1_8 24113	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT2_1 24114	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT2_2 24115	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT2_3 24116	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01

GOWANUS_GT2_4 24117	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT2_5 24118	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT2_6 24119	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT2_7 24120	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT2_8 24121	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_1 24122	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_2 24123	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_3 24124	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_4 24125	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_5 24126	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_6 24127	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_7 24128	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT3_8 24129	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
GOWANUS_GT4_1 24130	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT4_2 24131	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01

GOWANUS_GT4_3 24132	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT4_4 24133	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT4_5 24134	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT4_6 24135	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT4_7 24136	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GOWANUS_GT4_8 24137	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GREENBSH_115KV_TB3 55895	36.83 1.31 0.00	33.27 0.97 0.00	32.51 1.01 0.00	31.41 0.97 0.00	31.42 0.94 0.00	31.48 0.86 0.00	30.04 0.68 0.00	39.80 1.01 0.00	41.04 1.12 0.00	48.39 1.23 0.00	57.57 1.02 0.00	67.19 1.12 0.00	71.67 0.78 0.00	81.51 0.81 0.00	93.36 1.38 0.00	49.99 1.81 52.39	75.82 2.41 53.20	73.43 3.18 74.24	75.81 2.50 51.44	75.81 1.84 18.15	75.81 1.58 1.12	68.98 1.37 0.70	51.74 1.51 0.00	45.16 1.40 0.00
GREENDGE_115KV_TB5 80291	37.19 1.35 -0.33	33.35 0.90 -0.14	32.16 0.57 -0.09	31.14 0.67 -0.03	31.24 0.73 -0.03	31.46 0.80 -0.04	30.54 1.17 0.00	40.78 1.40 -0.59	41.94 1.44 -0.58	50.14 1.98 -1.00	60.42 2.26 -1.61	71.47 3.24 -2.16	75.46 2.13 -2.44	86.37 2.66 -3.00	97.55 2.12 -3.46	106.83 2.31 -3.95	134.11 2.79 -4.71	153.38 4.33 -4.55	134.43 5.24 -4.43	99.82 4.15 -3.56	81.32 3.32 -2.66	72.91 2.32 -2.28	52.47 1.05 -1.19	45.15 0.53 -0.87
GREENIDGE___3 23582	37.19 1.35 -0.33	33.35 0.90 -0.14	32.16 0.57 -0.09	31.14 0.67 -0.03	31.24 0.73 -0.03	31.46 0.80 -0.04	30.54 1.17 0.00	40.78 1.40 -0.59	41.94 1.44 -0.58	50.14 1.98 -1.00	60.42 2.26 -1.61	71.47 3.24 -2.16	75.46 2.13 -2.44	86.37 2.66 -3.00	97.55 2.12 -3.46	106.83 2.31 -3.95	134.11 2.79 -4.71	153.38 4.33 -4.55	134.43 5.24 -4.43	99.82 4.15 -3.56	81.32 3.32 -2.66	72.91 2.32 -2.28	52.47 1.05 -1.19	45.15 0.53 -0.87
GREENIDGE___4 23583	37.16 1.31 -0.33	33.28 0.84 -0.14	32.09 0.50 -0.09	31.14 0.67 -0.03	31.18 0.67 -0.03	31.52 0.86 -0.04	30.48 1.12 0.00	41.05 1.67 -0.59	41.94 1.44 -0.58	50.14 1.98 -1.00	60.53 2.37 -1.61	71.46 3.24 -2.16	75.60 2.27 -2.44	86.36 2.66 -3.00	97.56 2.12 -3.46	106.83 2.31 -3.95	134.11 2.78 -4.71	153.38 4.33 -4.55	134.43 5.24 -4.43	99.83 4.15 -3.56	81.24 3.24 -2.66	72.91 2.32 -2.28	52.42 1.00 -1.19	45.15 0.53 -0.87
GREENLWN_69_KV_BK 3 55738	83.57 2.84 -45.22	51.81 2.00 -17.50	46.81 1.95 -13.36	44.46 1.70 -12.32	40.65 1.68 -8.49	44.35 1.75 -11.99	42.20 1.73 -11.10	51.91 2.83 -10.29	61.87 3.31 -18.63	77.45 3.68 -26.60	63.66 3.51 -3.60	68.74 3.44 0.76	83.28 4.40 -7.99	85.68 5.25 0.28	89.39 6.35 8.93	160.78 7.64 -52.58	193.75 10.89 -56.25	244.56 12.72 -87.35	243.51 10.11 -108.65	77.80 7.00 21.32	85.79 5.73 -4.72	84.61 5.05 -11.25	67.03 3.21 -13.58	64.57 3.28 -17.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01
GRISSOM___SOLAR 323813	40.73 5.22 0.00	36.66 4.36 0.00	35.50 4.00 0.00	34.15 3.71 0.00	34.29 3.81 0.00	34.45 3.83 0.00	33.18 3.82 0.00	44.96 6.17 0.00	46.27 6.35 0.00	54.71 7.54 0.00	65.20 8.65 0.00	75.91 9.85 0.00	82.66 11.77 0.00	94.26 13.55 0.00	107.98 16.00 0.00	126.45 18.10 -7.79	154.31 21.78 -5.92	183.28 27.75 -11.04	158.62 26.21 -7.65	125.25 19.62 -13.51	117.28 15.83 -26.11	107.39 14.00 -25.09	58.47 8.24 0.00	50.46 6.70 0.00
GROVEVILLE___HYD 323602	38.14 2.63 0.00	34.17 1.87 0.00	33.33 1.83 0.00	32.05 1.61 0.00	32.10 1.62 0.00	32.30 1.68 0.00	30.92 1.56 0.00	41.23 2.44 0.00	42.84 2.91 0.00	50.42 3.25 0.00	59.89 3.34 0.00	69.77 3.70 0.00	75.28 4.40 0.00	86.19 5.49 0.00	98.60 6.62 0.00	108.51 7.94 0.00	140.03 11.27 -2.16	157.78 13.29 0.00	135.86 11.10 0.00	101.06 7.92 -1.02	83.97 6.18 -2.45	75.93 5.26 -2.36	53.69 3.47 0.00	47.04 3.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.92 0.32 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.78 0.03 -0.13	29.51 0.15 0.00	41.16 0.43 -1.94	42.31 0.48 -1.91	50.91 0.47 -3.28	62.18 0.34 -5.29	73.90 0.73 -7.10	79.69 0.78 -8.02	91.62 1.05 -9.86	104.37 1.01 -11.39	114.66 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.21 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84

HAMLTNNY_34_KV_TB 80303	37.09 0.46 -1.11	33.00 0.23 -0.47	31.86 0.06 -0.30	30.66 0.12 -0.10	30.70 0.12 -0.10	30.91 0.15 -0.13	29.66 0.29 0.00	41.36 0.58 -1.99	42.56 0.68 -1.96	51.42 0.90 -3.36	62.93 0.96 -5.42	74.80 1.45 -7.28	80.67 1.56 -8.22	92.75 1.94 -10.11	105.67 2.02 -11.67	116.09 2.21 -13.31	145.15 2.66 -15.88	163.30 3.47 -15.34	143.30 3.62 -14.92	106.97 2.86 -12.00	86.49 2.18 -8.97	77.63 1.64 -7.69	54.95 0.70 -4.01	47.07 0.39 -2.91
HAMPSHIRE___PAPER_HYD 323593	35.73 -0.14 -0.36	32.45 0.00 -0.15	31.50 -0.09 -0.10	30.41 -0.06 -0.03	30.48 -0.03 -0.03	30.76 0.09 -0.04	29.63 0.26 0.00	39.55 0.12 -0.64	40.28 -0.28 -0.63	47.83 -0.43 -1.09	57.85 -0.45 -1.75	67.83 -0.60 -2.35	72.28 -1.27 -2.66	81.63 -2.34 -3.27	93.17 -2.57 -3.77	101.75 -3.12 -4.31	128.07 -3.68 -5.14	145.41 -4.04 -4.96	126.47 -3.11 -4.83	93.88 -2.12 -3.88	76.58 -1.66 -2.90	70.66 -0.14 -2.49	51.73 0.20 -1.30	44.79 0.09 -0.94
HARDSCRABBLE_WT_PWR 323673	36.26 0.75 0.00	32.82 0.52 0.00	31.97 0.47 0.00	30.92 0.49 0.00	31.00 0.52 0.00	31.17 0.55 0.00	29.90 0.53 0.00	39.60 0.82 0.00	40.84 0.92 0.00	48.29 1.13 0.00	57.74 1.19 0.00	67.52 1.45 0.00	72.45 1.56 0.00	82.48 1.77 0.00	93.91 1.93 0.00	102.37 1.81 0.00	128.89 2.28 0.00	147.53 3.04 0.00	127.38 2.62 0.00	94.05 1.94 0.00	76.93 1.58 0.00	69.88 1.57 0.00	51.38 1.16 0.00	44.77 1.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.75 2.24 0.00	33.82 1.52 0.00	32.98 1.48 0.00	31.75 1.31 0.00	31.76 1.28 0.00	32.00 1.38 0.00	30.66 1.29 0.00	40.80 2.02 0.00	42.36 2.44 0.00	49.85 2.69 0.00	59.26 2.71 0.00	69.04 2.97 0.00	74.43 3.54 0.00	85.14 4.44 0.00	97.40 5.43 0.00	107.10 6.54 0.00	138.37 9.50 -2.26	155.62 11.13 0.00	133.87 9.11 0.00	99.37 6.36 -0.89	82.46 4.97 -2.15	74.54 4.17 -2.07	52.99 2.76 0.00	46.43 2.67 0.00
HARSNRAD_115KV_TB1 81005	36.26 0.75 0.00	32.43 0.13 0.00	31.18 -0.31 0.00	30.50 0.06 0.00	30.66 0.18 0.00	30.65 0.03 0.00	30.07 0.70 0.00	38.67 -0.12 0.00	40.08 0.16 0.00	47.82 0.66 0.00	57.17 0.62 0.00	67.46 1.39 0.00	72.73 1.84 0.00	82.80 2.10 0.00	93.36 1.38 0.00	101.97 1.41 0.00	126.86 0.25 0.00	145.50 1.01 0.00	128.25 3.49 0.00	95.62 3.50 0.00	77.75 2.41 0.00	69.81 1.50 0.00	51.63 1.41 0.00	44.86 1.09 0.00
HARZA MOOSE___RIVER 24016	37.20 1.38 -0.31	33.56 1.13 -0.13	32.53 0.94 -0.08	31.38 0.91 -0.03	31.45 0.94 -0.03	31.70 1.04 -0.04	30.51 1.15 0.00	40.89 1.55 -0.55	42.02 1.56 -0.54	49.78 1.70 -0.92	59.90 1.87 -1.49	70.44 2.38 -2.00	75.42 2.27 -2.26	85.58 2.10 -2.77	97.75 2.58 -3.20	106.83 2.61 -3.66	134.51 3.55 -4.36	153.76 5.06 -4.21	133.72 4.87 -4.10	99.19 3.78 -3.29	80.82 3.01 -2.46	73.76 3.35 -2.11	53.69 2.36 -1.10	46.44 1.88 -0.80
HDSNBRDG_115KV_BRDG_TB1 355580	36.21 0.11 -0.59	32.45 -0.10 -0.25	31.47 -0.19 -0.16	30.34 -0.15 -0.05	30.38 -0.15 -0.05	30.54 -0.15 -0.07	29.34 -0.03 0.00	39.96 0.12 -1.05	41.16 0.20 -1.04	49.27 0.33 -1.78	59.76 0.34 -2.87	70.58 0.66 -3.85	76.02 0.78 -4.35	87.10 1.05 -5.35	99.16 1.01 -6.17	108.72 1.11 -7.05	136.28 1.27 -8.40	154.34 1.73 -8.12	134.53 1.87 -7.90	100.03 1.57 -6.35	81.22 1.13 -4.75	73.13 0.75 -4.07	52.55 0.20 -2.12	45.30 0.00 -1.54
HELLGATE_13_KV_LD 55870	38.21 2.70 0.00	34.11 1.81 0.00	33.27 1.76 0.00	31.93 1.49 0.00	31.95 1.46 0.00	32.12 1.50 0.00	30.89 1.53 0.00	41.54 2.75 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.77 2.71 0.01	74.08 3.19 0.00	84.57 3.87 0.01	96.94 4.97 0.01	107.97 5.93 -1.47	138.75 9.37 -2.77	157.28 10.69 -2.10	134.57 8.36 -1.45	99.20 5.43 -1.65	82.47 4.37 -2.76	74.65 3.69 -2.65	53.14 2.91 0.00	47.05 3.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.21 2.70 0.00	34.11 1.81 0.00	33.27 1.76 0.00	31.93 1.49 0.00	31.95 1.46 0.00	32.12 1.50 0.00	30.89 1.53 0.00	41.54 2.75 0.00	43.12 3.19 0.00	50.37 3.21 0.00	59.37 2.83 0.01	68.77 2.71 0.01	74.08 3.19 0.00	84.57 3.87 0.01	96.94 4.97 0.01	107.97 5.93 -1.47	138.75 9.37 -2.77	157.28 10.69 -2.10	134.57 8.36 -1.45	99.20 5.43 -1.65	82.47 4.37 -2.76	74.65 3.69 -2.65	53.14 2.91 0.00	47.05 3.28 0.00
HEMPSTEAD____ 23647	83.61 2.88 -45.22	51.97 2.16 -17.50	46.97 2.11 -13.36	44.62 1.86 -12.32	40.83 1.86 -8.49	44.48 1.87 -11.99	42.35 1.88 -11.10	52.07 2.99 -10.29	61.92 3.35 -18.64	77.49 3.73 -26.60	63.94 3.79 -3.61	70.17 4.10 0.00	84.81 5.11 -8.81	91.30 5.89 -4.70	107.98 7.18 -8.82	189.65 8.34 -80.75	207.28 11.90 -68.77	249.46 13.73 -91.24	244.65 11.23 -108.65	103.41 7.74 -3.55	96.13 6.10 -14.69	88.83 5.26 -15.26	67.89 3.77 -13.89	64.93 3.63 -17.53
HEWLETT_69_KV_BK3 55828	84.07 3.34 -45.22	52.26 2.45 -17.50	47.25 2.39 -13.36	44.89 2.13 -12.32	41.08 2.10 -8.49	44.75 2.14 -11.99	42.58 2.11 -11.10	52.34 3.26 -10.29	62.31 3.75 -18.64	77.97 4.20 -26.60	64.74 4.58 -3.61	71.09 5.02 0.00	85.16 5.46 -8.81	91.86 6.46 -4.70	108.61 7.82 -8.82	195.56 9.05 -85.95	208.17 12.79 -68.77	250.61 14.88 -91.24	245.64 12.23 -108.65	104.33 8.66 -3.56	97.55 6.78 -15.43	89.37 5.81 -15.26	68.44 4.32 -13.89	65.63 4.33 -17.53
HICKLING___1 23621	37.44 1.60 -0.33	33.54 1.10 -0.14	32.31 0.72 -0.09	31.35 0.88 -0.03	31.42 0.91 -0.03	31.61 0.95 -0.04	30.63 1.26 0.00	41.01 1.63 -0.59	42.30 1.80 -0.58	50.61 2.45 -1.00	60.99 2.83 -1.61	72.06 3.83 -2.16	77.59 4.25 -2.44	88.79 5.08 -3.00	100.68 5.24 -3.47	110.25 5.73 -3.96	137.91 6.58 -4.72	157.57 8.52 -4.56	137.93 8.73 -4.43	102.97 7.00 -3.85	84.11 5.42 -3.34	75.48 4.24 -2.94	53.98 2.56 -1.19	46.60 1.97 -0.87
HICKLING___2 23622	37.44 1.60 -0.33	33.54 1.10 -0.14	32.31 0.72 -0.09	31.35 0.88 -0.03	31.42 0.91 -0.03	31.61 0.95 -0.04	30.63 1.26 0.00	41.01 1.63 -0.59	42.30 1.80 -0.58	50.61 2.45 -1.00	60.99 2.83 -1.61	72.06 3.83 -2.16	77.59 4.25 -2.44	88.79 5.08 -3.00	100.68 5.24 -3.47	110.25 5.73 -3.96	137.91 6.58 -4.72	157.57 8.52 -4.56	137.93 8.73 -4.43	102.97 7.00 -3.85	84.11 5.42 -3.34	75.48 4.24 -2.94	53.98 2.56 -1.19	46.60 1.97 -0.87
HIGH FALLS___HY 23754	37.82 2.31 0.00	33.82 1.52 0.00	33.01 1.51 0.00	31.75 1.31 0.00	31.76 1.28 0.00	32.03 1.41 0.00	30.66 1.29 0.00	40.84 2.06 0.00	42.44 2.52 0.00	49.81 2.64 0.00	59.15 2.60 0.00	68.91 2.84 0.00	74.79 3.90 0.00	85.05 5.00 0.66	96.56 6.07 1.48	103.16 7.24 4.64	131.77 10.89 5.73	150.78 12.86 6.57	131.06 10.85 4.55	99.24 7.74 0.62	83.56 5.95 -2.27	75.65 5.12 -2.22	53.19 2.96 0.00	46.61 2.84 0.00
HIGH_RIVER___SOLAR 323847	37.50 1.99 0.00	33.85 1.55 0.00	33.01 1.51 0.00	31.84 1.40 0.00	31.91 1.43 0.00	32.00 1.38 0.00	30.66 1.29 0.00	40.80 2.02 0.00	42.08 2.16 0.00	49.66 2.50 0.00	59.21 2.66 0.00	69.04 2.97 0.00	74.36 3.47 0.00	84.82 4.12 0.00	96.94 4.97 0.00	115.45 5.73 -9.16	140.48 6.96 -6.91	166.14 8.67 -12.98	141.74 7.98 -8.99	114.01 6.08 -15.81	110.92 5.05 -30.53	102.15 4.51 -29.33	53.14 2.91 0.00	46.26 2.49 0.00

HILLBURN___GT 23639	37.68 2.17 0.00	33.76 1.45 0.00	32.92 1.42 0.00	31.66 1.22 0.00	31.70 1.22 0.00	31.85 1.23 0.00	30.60 1.23 0.00	40.76 1.98 0.00	42.28 2.35 0.00	49.71 2.55 0.00	58.98 2.43 0.00	68.64 2.57 0.00	74.22 3.33 0.00	84.50 3.79 0.00	96.76 4.78 0.00	106.39 5.83 0.00	137.47 8.48 -2.37	154.45 9.96 0.00	132.75 7.99 0.00	98.55 5.53 -0.91	81.74 4.22 -2.19	74.03 3.62 -2.10	52.74 2.51 0.00	46.30 2.54 0.00
HILLSIDE_115KV_TB1 80332	36.85 0.99 -0.34	33.00 0.55 -0.15	31.84 0.25 -0.09	30.90 0.43 -0.03	30.94 0.43 -0.03	31.12 0.46 -0.04	30.10 0.73 0.00	40.21 0.81 -0.61	41.52 1.00 -0.60	49.66 1.46 -1.03	59.80 1.58 -1.67	70.62 2.31 -2.24	76.04 2.62 -2.53	87.04 3.23 -3.11	98.69 3.13 -3.58	108.17 3.52 -4.09	135.29 3.80 -4.88	154.41 5.20 -4.71	135.08 5.74 -4.58	100.89 4.79 -3.98	82.42 3.62 -3.46	74.01 2.66 -3.04	53.02 1.56 -1.23	45.84 1.18 -0.90
HISHELDN_WT_PWR 323625	36.79 1.28 0.00	33.01 0.71 0.00	31.75 0.25 0.00	31.05 0.61 0.00	31.06 0.58 0.00	31.35 0.73 0.00	30.48 1.12 0.00	39.87 1.08 0.00	41.00 1.08 0.00	48.91 1.75 0.00	58.64 2.09 0.00	68.97 2.90 0.00	74.57 3.68 0.00	84.90 4.19 0.00	95.75 3.77 0.00	104.69 4.12 0.00	130.54 3.93 0.00	149.84 5.35 0.00	131.49 6.73 0.00	97.92 5.81 0.00	79.63 4.29 0.00	71.45 3.14 0.00	52.59 2.36 0.00	45.60 1.84 0.00
HOLTSVILLE_IC_1 23690	84.37 3.62 -45.23	52.48 2.68 -17.50	47.47 2.61 -13.36	45.10 2.34 -12.32	41.29 2.32 -8.49	44.97 2.36 -11.99	42.85 2.38 -11.10	52.88 3.80 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	64.86 4.69 -3.61	78.69 4.62 -8.00	88.89 5.53 -12.47	114.08 6.46 -26.92	187.87 7.81 -88.08	292.62 8.85 -183.20	263.55 12.28 -124.66	267.39 14.31 -108.59	245.14 11.72 -108.66	215.21 8.47 -114.63	138.11 6.86 -55.91	107.34 5.88 -33.16	71.50 4.17 -17.10	65.50 4.20 -17.54
HOLTSVILLE_IC_10 23699	84.62 3.87 -45.23	52.68 2.87 -17.50	47.63 2.77 -13.36	45.26 2.50 -12.32	41.47 2.50 -8.49	45.12 2.51 -11.99	42.99 2.53 -11.10	53.15 4.07 -10.29	63.04 4.47 -18.65	78.72 4.95 -26.60	65.26 5.09 -3.62	79.46 5.09 -8.30	89.81 6.16 -12.76	116.47 7.10 -28.66	194.83 8.56 -94.30	301.94 9.75 -191.62	269.07 13.41 -129.05	270.06 15.61 -109.95	246.28 12.85 -108.66	224.95 9.49 -123.34	142.08 7.53 -59.20	109.43 6.56 -34.56	72.13 4.67 -17.23	65.90 4.59 -17.54
HOLTSVILLE_IC_2 23691	84.37 3.62 -45.23	52.48 2.68 -17.50	47.47 2.61 -13.36	45.10 2.34 -12.32	41.29 2.32 -8.49	44.97 2.36 -11.99	42.85 2.38 -11.10	52.88 3.80 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	64.86 4.69 -3.61	78.69 4.62 -8.00	88.89 5.53 -12.47	114.08 6.46 -26.92	187.87 7.81 -88.08	292.62 8.85 -183.20	263.55 12.28 -124.66	267.39 14.31 -108.59	245.14 11.72 -108.66	215.21 8.47 -114.63	138.11 6.86 -55.91	107.34 5.88 -33.16	71.50 4.17 -17.10	65.50 4.20 -17.54
HOLTSVILLE_IC_3 23692	84.37 3.62 -45.23	52.48 2.68 -17.50	47.47 2.61 -13.36	45.10 2.34 -12.32	41.29 2.32 -8.49	44.97 2.36 -11.99	42.85 2.38 -11.10	52.88 3.80 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	64.86 4.69 -3.61	78.69 4.62 -8.00	88.89 5.53 -12.47	114.08 6.46 -26.92	187.87 7.81 -88.08	292.62 8.85 -183.20	263.55 12.28 -124.66	267.39 14.31 -108.59	245.14 11.72 -108.66	215.21 8.47 -114.63	138.11 6.86 -55.91	107.34 5.88 -33.16	71.50 4.17 -17.10	65.50 4.20 -17.54
HOLTSVILLE_IC_4 23693	84.37 3.62 -45.23	52.48 2.68 -17.50	47.47 2.61 -13.36	45.10 2.34 -12.32	41.29 2.32 -8.49	44.97 2.36 -11.99	42.85 2.38 -11.10	52.88 3.80 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	64.86 4.69 -3.61	78.69 4.62 -8.00	88.89 5.53 -12.47	114.08 6.46 -26.92	187.87 7.81 -88.08	292.62 8.85 -183.20	263.55 12.28 -124.66	267.39 14.31 -108.59	245.14 11.72 -108.66	215.21 8.47 -114.63	138.11 6.86 -55.91	107.34 5.88 -33.16	71.50 4.17 -17.10	65.50 4.20 -17.54
HOLTSVILLE_IC_5 23694	84.37 3.62 -45.23	52.48 2.68 -17.50	47.47 2.61 -13.36	45.10 2.34 -12.32	41.29 2.32 -8.49	44.97 2.36 -11.99	42.85 2.38 -11.10	52.88 3.80 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	64.86 4.69 -3.61	78.69 4.62 -8.00	88.89 5.53 -12.47	114.08 6.46 -26.92	187.87 7.81 -88.08	292.62 8.85 -183.20	263.55 12.28 -124.66	267.39 14.31 -108.59	245.14 11.72 -108.66	215.21 8.47 -114.63	138.11 6.86 -55.91	107.34 5.88 -33.16	71.50 4.17 -17.10	65.50 4.20 -17.54
HOLTSVILLE_IC_6 23695	84.62 3.87 -45.23	52.68 2.87 -17.50	47.63 2.77 -13.36	45.26 2.50 -12.32	41.47 2.50 -8.49	45.12 2.51 -11.99	42.99 2.53 -11.10	53.15 4.07 -10.29	63.04 4.47 -18.65	78.72 4.95 -26.60	65.26 5.09 -3.62	79.46 5.09 -8.30	89.81 6.16 -12.76	116.47 7.10 -28.66	194.83 8.56 -94.30	301.94 9.75 -191.62	269.07 13.41 -129.05	270.06 15.61 -109.95	246.28 12.85 -108.66	224.95 9.49 -123.34	142.08 7.53 -59.20	109.43 6.56 -34.56	72.13 4.67 -17.23	65.90 4.59 -17.54
HOLTSVILLE_IC_7 23696	84.62 3.87 -45.23	52.68 2.87 -17.50	47.63 2.77 -13.36	45.26 2.50 -12.32	41.47 2.50 -8.49	45.12 2.51 -11.99	42.99 2.53 -11.10	53.15 4.07 -10.29	63.04 4.47 -18.65	78.72 4.95 -26.60	65.26 5.09 -3.62	79.46 5.09 -8.30	89.81 6.16 -12.76	116.47 7.10 -28.66	194.83 8.56 -94.30	301.94 9.75 -191.62	269.07 13.41 -129.05	270.06 15.61 -109.95	246.28 12.85 -108.66	224.95 9.49 -123.34	142.08 7.53 -59.20	109.43 6.56 -34.56	72.13 4.67 -17.23	65.90 4.59 -17.54
HOLTSVILLE_IC_8 23697	84.62 3.87 -45.23	52.68 2.87 -17.50	47.63 2.77 -13.36	45.26 2.50 -12.32	41.47 2.50 -8.49	45.12 2.51 -11.99	42.99 2.53 -11.10	53.15 4.07 -10.29	63.04 4.47 -18.65	78.72 4.95 -26.60	65.26 5.09 -3.62	79.46 5.09 -8.30	89.81 6.16 -12.76	116.47 7.10 -28.66	194.83 8.56 -94.30	301.94 9.75 -191.62	269.07 13.41 -129.05	270.06 15.61 -109.95	246.28 12.85 -108.66	224.95 9.49 -123.34	142.08 7.53 -59.20	109.43 6.56 -34.56	72.13 4.67 -17.23	65.90 4.59 -17.54
HOLTSVILLE_IC_9 23698	84.62 3.87 -45.23	52.68 2.87 -17.50	47.63 2.77 -13.36	45.26 2.50 -12.32	41.47 2.50 -8.49	45.12 2.51 -11.99	42.99 2.53 -11.10	53.15 4.07 -10.29	63.04 4.47 -18.65	78.72 4.95 -26.60	65.26 5.09 -3.62	79.46 5.09 -8.30	89.81 6.16 -12.76	116.47 7.10 -28.66	194.83 8.56 -94.30	301.94 9.75 -191.62	269.07 13.41 -129.05	270.06 15.61 -109.95	246.28 12.85 -108.66	224.95 9.49 -123.34	142.08 7.53 -59.20	109.43 6.56 -34.56	72.13 4.67 -17.23	65.90 4.59 -17.54
HOMER_HL_115KV_TB2 355744	37.32 1.81 0.00	33.43 1.13 0.00	32.10 0.60 0.00	31.35 0.91 0.00	31.42 0.94 0.00	31.54 0.92 0.00	30.87 1.50 0.00	39.72 0.93 0.00	41.12 1.20 0.00	49.05 1.89 0.00	58.70 2.15 0.00	69.04 2.97 0.00	74.65 3.76 0.00	85.22 4.52 0.00	96.30 4.32 0.00	105.49 4.93 0.00	131.42 4.81 0.00	150.85 6.36 0.00	132.25 7.49 0.00	98.57 6.45 0.00	80.09 4.75 0.00	71.72 3.42 0.00	52.59 2.36 0.00	45.60 1.84 0.00
HOWARD_WT_PWR 323690	37.60 1.85 -0.24	33.60 1.20 -0.10	32.29 0.73 -0.07	31.46 1.00 -0.02	31.48 0.98 -0.02	31.88 1.23 -0.03	30.92 1.56 0.00	41.47 2.25 -0.43	42.51 2.15 -0.43	50.87 2.97 -0.73	61.35 3.62 -1.18	72.15 4.49 -1.58	77.85 5.17 -1.79	88.79 5.89 -2.20	100.41 5.89 -2.54	109.90 6.44 -2.90	137.53 7.47 -3.45	157.36 9.53 -3.34	138.24 10.23 -3.25	103.02 8.29 -2.61	83.62 6.33 -1.95	75.03 5.05 -1.67	54.32 3.22 -0.87	46.93 2.54 -0.63

HQ_GEN_CEDARS 23644	34.02 -1.49 0.00	31.36 -0.94 0.00	30.62 -0.88 0.00	29.59 -0.85 0.00	29.66 -0.82 0.00	29.86 -0.77 0.00	28.75 -0.62 0.00	37.66 -1.12 0.00	38.37 -1.56 0.00	45.33 -1.84 0.00	54.85 -1.70 0.00	63.89 -2.18 0.00	68.27 -2.62 0.00	76.91 -3.79 0.00	87.56 -4.41 0.00	95.43 -5.13 0.00	120.15 -6.46 0.00	136.40 -8.09 0.00	117.65 -7.11 0.00	86.68 -5.43 0.00	70.97 -4.37 0.00	65.16 -3.14 0.00	48.37 -1.86 0.00	42.14 -1.62 0.00
HQ_GEN_CEDARS_PROXY 323590	34.02 -1.49 0.00	31.40 -0.90 0.00	30.62 -0.88 0.00	29.59 -0.85 0.00	29.66 -0.82 0.00	29.86 -0.76 0.00	33.14 -0.62 -4.39	33.16 -1.24 4.39	38.37 -1.56 0.00	41.43 -1.84 3.90	58.75 -1.70 -3.90	63.89 -2.18 0.00	67.70 -3.19 0.00	76.91 -3.79 0.00	87.56 -4.41 0.00	95.44 -5.12 0.00	120.16 -6.45 0.00	136.40 -8.09 0.00	117.52 -7.24 0.00	86.68 -5.43 0.00	71.05 -4.29 0.00	65.23 -3.07 0.00	48.37 -1.86 0.00	42.14 -1.62 0.00
HQ_GEN_IMPORT 323601	33.52 -0.99 1.00	32.75 -0.55 -1.00	30.96 -0.54 0.00	29.92 -0.52 0.00	29.99 -0.49 0.00	30.13 -0.49 0.00	33.31 -0.44 -4.39	33.51 -0.89 4.39	38.89 -1.04 0.00	42.09 -1.18 3.90	59.49 -0.96 -3.90	64.88 -1.19 0.00	69.33 -1.56 0.00	78.85 -1.85 0.00	89.77 -2.21 0.00	97.95 -2.62 0.00	123.20 -3.41 0.00	140.01 -4.48 0.00	120.76 -4.00 0.00	89.08 -3.04 0.00	72.93 -2.41 0.00	66.32 -1.98 0.00	48.97 -1.25 0.00	42.62 -1.14 0.00
HQ_GEN_WHEEL 23651	33.52 -0.99 1.00	32.75 -0.55 -1.00	30.96 -0.54 0.00	29.92 -0.52 0.00	29.99 -0.49 0.00	30.13 -0.49 0.00	33.31 -0.44 -4.39	33.51 -0.89 4.39	38.89 -1.04 0.00	42.09 -1.18 3.90	59.49 -0.96 -3.90	64.88 -1.19 0.00	69.33 -1.56 0.00	78.85 -1.85 0.00	89.77 -2.21 0.00	97.95 -2.62 0.00	123.20 -3.41 0.00	140.01 -4.48 0.00	120.76 -4.00 0.00	89.08 -3.04 0.00	72.93 -2.41 0.00	66.32 -1.98 0.00	48.97 -1.25 0.00	42.62 -1.14 0.00
HUDSON_AVE_GT_3 23810	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.56 3.40 0.00	59.89 3.34 0.00	69.50 3.44 0.00	74.86 3.97 0.00	85.47 4.76 0.00	97.95 5.98 0.00	108.98 6.94 -1.48	139.76 10.38 -2.77	158.58 11.99 -2.10	135.69 9.48 -1.45	100.22 6.45 -1.65	83.24 5.12 -2.77	75.27 4.30 -2.66	53.39 3.16 0.00	47.09 3.33 0.00
HUDSON_AVE_GT_4 23540	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.56 3.40 0.00	59.89 3.34 0.00	69.50 3.44 0.00	74.86 3.97 0.00	85.47 4.76 0.00	97.95 5.98 0.00	108.98 6.94 -1.48	139.76 10.38 -2.77	158.58 11.99 -2.10	135.69 9.48 -1.45	100.22 6.45 -1.65	83.24 5.12 -2.77	75.27 4.30 -2.66	53.39 3.16 0.00	47.09 3.33 0.00
HUDSON_AVE_GT_5 23657	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.56 3.40 0.00	59.89 3.34 0.00	69.50 3.44 0.00	74.86 3.97 0.00	85.47 4.76 0.00	97.95 5.98 0.00	108.98 6.94 -1.48	139.76 10.38 -2.77	158.58 11.99 -2.10	135.69 9.48 -1.45	100.22 6.45 -1.65	83.24 5.12 -2.77	75.27 4.30 -2.66	53.39 3.16 0.00	47.09 3.33 0.00
HUDSON_AVE_10 24168	38.07 2.56 0.00	34.05 1.74 0.00	33.17 1.67 0.00	31.81 1.37 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.42 2.64 0.00	43.04 3.11 0.00	50.47 3.30 0.00	59.77 3.22 0.00	69.37 3.30 0.00	74.79 3.90 0.00	85.31 4.60 0.00	97.77 5.79 0.00	111.50 6.84 -4.10	139.63 10.26 -2.77	158.43 11.85 -2.10	135.57 9.36 -1.45	100.13 6.36 -1.65	83.61 5.12 -3.14	75.20 4.24 -2.66	53.34 3.11 0.00	47.04 3.28 0.00
HUDSON___115KV_TB 4 355613	37.64 2.13 0.00	33.98 1.68 0.00	33.17 1.67 0.00	32.02 1.58 0.00	32.06 1.58 0.00	32.15 1.53 0.00	30.69 1.32 0.00	40.49 1.71 0.00	41.72 1.80 0.00	49.15 1.98 0.00	58.42 1.87 0.00	68.12 2.05 0.00	72.52 1.63 0.00	80.79 2.26 2.17	90.11 3.04 4.90	68.42 3.82 35.96	89.35 5.32 42.57	100.46 6.94 50.97	95.81 6.36 35.32	85.25 4.88 11.75	80.28 3.99 -0.95	72.89 3.42 -1.17	52.84 2.61 0.00	46.04 2.28 0.00
HUNTER MOUNT___DRP 323613	37.89 2.38 0.00	34.17 1.87 0.00	33.39 1.89 0.00	32.23 1.80 0.00	32.28 1.80 0.00	32.37 1.75 0.00	30.87 1.50 0.00	40.73 1.94 0.00	41.92 2.00 0.00	49.33 2.17 0.00	58.64 2.09 0.00	68.45 2.38 0.00	72.52 1.63 0.00	80.16 2.58 3.13	88.42 3.50 7.05	77.96 4.42 27.03	96.64 6.08 36.05	114.13 7.95 38.31	105.70 7.49 26.55	89.60 5.90 8.41	81.80 4.75 -1.71	74.25 4.10 -1.85	53.29 3.06 0.00	46.34 2.58 0.00
HUNTINGTON_RES_REC 323705	84.02 3.30 -45.21	52.19 2.39 -17.50	47.16 2.30 -13.36	44.80 2.04 -12.32	41.02 2.04 -8.49	44.66 2.05 -11.99	42.55 2.09 -11.10	52.49 3.41 -10.29	62.42 3.87 -18.62	78.06 4.29 -26.60	64.49 4.30 -3.64	70.60 4.29 -0.24	94.36 5.38 -18.09	147.82 6.13 -60.99	309.01 7.45 -209.59	456.19 8.74 -346.88	349.36 12.41 -210.34	294.14 14.45 -135.21	245.17 11.72 -108.69	385.39 8.38 -284.89	202.01 6.63 -120.04	134.71 5.80 -60.60	68.14 3.92 -13.99	65.22 3.89 -17.57
HUNTLEY___63 23557	36.83 1.31 0.00	33.04 0.74 0.00	31.72 0.22 0.00	31.05 0.61 0.00	31.09 0.61 0.00	31.08 0.46 0.00	30.51 1.15 0.00	39.29 0.50 0.00	40.76 0.84 0.00	48.72 1.56 0.00	58.08 1.53 0.00	68.38 2.31 0.00	73.94 3.05 0.00	84.26 3.55 0.00	95.01 3.04 0.00	103.78 3.22 0.00	129.14 2.53 0.00	148.10 3.61 0.00	130.50 5.74 0.00	97.09 4.97 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.39 2.16 0.00	45.60 1.84 0.00
HUNTLEY___64 23558	36.83 1.31 0.00	33.04 0.74 0.00	31.72 0.22 0.00	31.05 0.61 0.00	31.09 0.61 0.00	31.08 0.46 0.00	30.51 1.15 0.00	39.29 0.50 0.00	40.76 0.84 0.00	48.72 1.56 0.00	58.08 1.53 0.00	68.38 2.31 0.00	73.94 3.05 0.00	84.26 3.55 0.00	95.01 3.04 0.00	103.78 3.22 0.00	129.14 2.53 0.00	148.10 3.61 0.00	130.50 5.74 0.00	97.09 4.97 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.39 2.16 0.00	45.60 1.84 0.00
HUNTLEY___65 23559	36.83 1.31 0.00	33.04 0.74 0.00	31.72 0.22 0.00	31.05 0.61 0.00	31.09 0.61 0.00	31.08 0.46 0.00	30.51 1.15 0.00	39.29 0.50 0.00	40.76 0.84 0.00	48.72 1.56 0.00	58.08 1.53 0.00	68.38 2.31 0.00	73.94 3.05 0.00	84.26 3.55 0.00	95.01 3.04 0.00	103.78 3.22 0.00	129.14 2.53 0.00	148.10 3.61 0.00	130.50 5.74 0.00	97.09 4.97 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.39 2.16 0.00	45.60 1.84 0.00
HUNTLEY___66 23560	36.83 1.31 0.00	33.04 0.74 0.00	31.72 0.22 0.00	31.05 0.61 0.00	31.09 0.61 0.00	31.08 0.46 0.00	30.51 1.15 0.00	39.29 0.50 0.00	40.76 0.84 0.00	48.72 1.56 0.00	58.08 1.53 0.00	68.38 2.31 0.00	73.94 3.05 0.00	84.26 3.55 0.00	95.01 3.04 0.00	103.78 3.22 0.00	129.14 2.53 0.00	148.10 3.61 0.00	130.50 5.74 0.00	97.09 4.97 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.39 2.16 0.00	45.60 1.84 0.00

HUNTLEY___67 23561	36.54 1.03 0.00	32.79 0.48 0.00	31.53 0.03 0.00	30.87 0.43 0.00	30.91 0.43 0.00	30.93 0.31 0.00	30.34 0.97 0.00	39.10 0.31 0.00	40.52 0.60 0.00	48.39 1.23 0.00	57.91 1.36 0.00	68.25 2.18 0.00	73.80 2.91 0.00	84.09 3.39 0.00	94.73 2.76 0.00	103.58 3.02 0.00	128.89 2.28 0.00	147.81 3.32 0.00	130.12 5.36 0.00	96.91 4.79 0.00	78.88 3.54 0.00	70.77 2.46 0.00	52.24 2.01 0.00	45.25 1.49 0.00
HUNTLEY___68 23562	36.54 1.03 0.00	32.79 0.48 0.00	31.53 0.03 0.00	30.87 0.43 0.00	30.91 0.43 0.00	30.93 0.31 0.00	30.34 0.97 0.00	39.10 0.31 0.00	40.52 0.60 0.00	48.39 1.23 0.00	57.91 1.36 0.00	68.25 2.18 0.00	73.80 2.91 0.00	84.09 3.39 0.00	94.73 2.76 0.00	103.58 3.02 0.00	128.89 2.28 0.00	147.81 3.32 0.00	130.12 5.36 0.00	96.91 4.79 0.00	78.88 3.54 0.00	70.77 2.46 0.00	52.24 2.01 0.00	45.25 1.49 0.00
HYLAND___LFG 323620	37.43 1.92 0.00	33.63 1.32 0.00	32.38 0.88 0.00	31.44 1.00 0.00	31.52 1.04 0.00	31.88 1.26 0.00	30.81 1.44 0.00	40.30 1.51 0.00	40.64 0.72 0.00	47.92 0.75 0.00	57.17 0.62 0.00	62.11 -3.96 0.00	66.99 -3.90 0.00	75.94 -4.76 0.00	86.18 -5.79 0.00	96.34 -4.22 0.00	120.02 -6.59 0.00	138.85 -5.64 0.00	122.39 -2.37 0.00	93.78 1.66 0.00	77.08 1.73 0.00	69.19 0.89 0.00	53.89 3.66 0.00	46.39 2.63 0.00
INDECK___CORINTH 23802	37.61 2.09 0.00	33.92 1.61 0.00	33.01 1.51 0.00	31.75 1.31 0.00	31.85 1.37 0.00	31.91 1.29 0.00	30.72 1.35 0.00	41.15 2.37 0.00	42.52 2.59 0.00	50.23 3.06 0.00	59.94 3.39 0.00	70.10 4.03 0.00	76.00 5.11 0.00	86.27 5.56 0.00	98.78 6.81 0.00	122.41 7.34 -14.51	146.08 7.85 -11.62	174.74 9.68 -20.56	147.50 8.49 -14.25	117.28 7.37 -17.79	112.32 6.03 -30.95	103.88 5.88 -29.70	53.65 3.42 0.00	46.52 2.76 0.00
INDECK___ILION 23567	36.15 0.64 0.00	32.75 0.45 0.00	31.91 0.41 0.00	30.87 0.43 0.00	30.91 0.43 0.00	31.05 0.43 0.00	29.78 0.41 0.00	39.41 0.62 0.00	40.64 0.72 0.00	48.01 0.85 0.00	57.40 0.85 0.00	67.13 1.06 0.00	72.02 1.13 0.00	82.08 1.37 0.00	93.54 1.56 0.00	102.17 1.61 0.00	128.64 2.03 0.00	147.24 2.75 0.00	127.13 2.37 0.00	93.87 1.75 0.00	76.77 1.43 0.00	69.67 1.37 0.00	51.18 0.95 0.00	44.59 0.83 0.00
INDECK___OLEAN 23982	37.29 1.77 0.00	33.40 1.10 0.00	32.07 0.57 0.00	31.38 0.94 0.00	31.36 0.88 0.00	31.69 1.07 0.00	30.81 1.44 0.00	40.45 1.67 0.00	41.12 1.20 0.00	49.05 1.89 0.00	58.75 2.20 0.00	69.04 2.98 0.00	74.93 4.04 0.00	85.22 4.52 0.00	96.30 4.32 0.00	105.49 4.93 0.00	131.42 4.81 0.00	150.84 6.35 0.00	132.25 7.49 0.00	98.47 6.35 0.00	80.01 4.67 0.00	71.72 3.41 0.00	52.59 2.36 0.00	45.60 1.84 0.00
INDECK___OSWEGO 23783	37.75 -0.36 -2.60	32.92 -0.48 -1.11	31.64 -0.57 -0.70	30.15 -0.52 -0.23	30.19 -0.52 -0.23	30.44 -0.49 -0.31	28.96 -0.41 0.00	43.13 -0.31 -4.65	43.81 -0.68 -4.57	54.25 -0.76 -7.84	68.19 -1.02 -12.66	82.00 -1.06 -16.99	89.09 -0.99 -19.20	103.17 -1.13 -23.60	117.84 -1.38 -27.24	130.04 -1.61 -31.09	161.53 -2.15 -37.07	178.29 -2.02 -35.82	158.22 -1.37 -34.83	119.30 -0.83 -28.01	95.53 -0.75 -20.94	85.51 -0.75 -17.95	58.75 -0.85 -9.37	49.69 -0.87 -6.80
INDECK___YERKES 23781	36.83 1.31 0.00	32.98 0.68 0.00	31.69 0.19 0.00	31.14 0.70 0.00	31.12 0.64 0.00	31.33 0.70 0.00	30.48 1.12 0.00	39.64 0.85 0.00	40.84 0.92 0.00	48.77 1.60 0.00	58.19 1.64 0.00	68.38 2.31 0.00	74.08 3.19 0.00	84.25 3.55 0.00	95.01 3.03 0.00	103.78 3.22 0.00	129.14 2.53 0.00	148.10 3.61 0.00	130.50 5.74 0.00	97.09 4.97 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.39 2.16 0.00	45.69 1.92 0.00
INDIAN POINT_GT_1 24139	37.71 2.20 0.00	33.82 1.52 0.00	32.98 1.48 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.94 1.32 0.00	30.63 1.26 0.00	40.88 2.09 0.00	42.44 2.52 0.00	49.90 2.74 0.00	59.21 2.66 0.00	68.84 2.77 0.00	74.15 3.26 0.00	84.74 4.04 0.00	97.03 5.06 0.00	108.13 6.13 -1.43	138.17 8.86 -2.70	156.92 10.40 -2.03	134.53 8.36 -1.41	99.54 5.80 -1.62	82.74 4.67 -2.73	74.82 3.89 -2.61	52.94 2.71 0.00	46.52 2.76 0.00
INDIAN POINT_GT_2 23659	37.71 2.20 0.00	33.82 1.52 0.00	32.98 1.48 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.94 1.32 0.00	30.63 1.26 0.00	40.88 2.09 0.00	42.44 2.52 0.00	49.90 2.74 0.00	59.21 2.66 0.00	68.84 2.77 0.00	74.15 3.26 0.00	84.74 4.04 0.00	97.03 5.06 0.00	108.13 6.13 -1.43	138.17 8.86 -2.70	156.92 10.40 -2.03	134.53 8.36 -1.41	99.54 5.80 -1.62	82.74 4.67 -2.73	74.82 3.89 -2.61	52.94 2.71 0.00	46.52 2.76 0.00
INDIAN POINT_GT_3 24019	37.71 2.20 0.00	33.82 1.52 0.00	32.98 1.48 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.94 1.32 0.00	30.63 1.26 0.00	40.88 2.09 0.00	42.44 2.52 0.00	49.90 2.74 0.00	59.21 2.66 0.00	68.84 2.77 0.00	74.15 3.26 0.00	84.74 4.04 0.00	97.03 5.06 0.00	108.13 6.13 -1.43	138.17 8.86 -2.70	156.92 10.40 -2.03	134.53 8.36 -1.41	99.54 5.80 -1.62	82.74 4.67 -2.73	74.82 3.89 -2.61	52.94 2.71 0.00	46.52 2.76 0.00
INDIAN POINT___2 23530	37.68 2.17 0.00	33.79 1.49 0.00	32.95 1.45 0.00	31.66 1.22 0.00	31.70 1.22 0.00	31.85 1.23 0.00	30.60 1.23 0.00	40.84 2.05 0.00	42.32 2.40 0.00	49.76 2.59 0.00	59.04 2.49 0.00	68.64 2.57 0.00	74.15 3.26 0.00	84.50 3.79 0.00	96.66 4.69 0.00	106.29 5.73 0.00	137.54 8.35 -2.58	154.32 9.83 0.00	132.62 7.86 0.00	98.49 5.43 -0.94	81.82 4.22 -2.26	74.10 3.62 -2.18	52.79 2.56 0.00	46.39 2.63 0.00
INDIAN POINT___3 23531	37.68 2.17 0.00	33.75 1.45 0.00	32.92 1.42 0.00	31.69 1.25 0.00	31.70 1.22 0.00	31.88 1.26 0.00	30.60 1.23 0.00	40.80 2.02 0.00	42.32 2.40 0.00	49.76 2.59 0.00	59.04 2.49 0.00	68.64 2.58 0.00	73.94 3.05 0.00	84.50 3.79 0.00	96.67 4.69 0.00	107.73 5.73 -1.44	137.67 8.36 -2.70	156.35 9.83 -2.04	134.03 7.86 -1.41	99.17 5.43 -1.62	82.37 4.29 -2.73	74.55 3.62 -2.62	52.79 2.56 0.00	46.39 2.63 0.00
INGHAM_C_115KV_TB7 356103	36.29 0.78 0.00	32.85 0.55 0.00	31.97 0.47 0.00	30.93 0.49 0.00	31.00 0.52 0.00	31.17 0.55 0.00	29.90 0.53 0.00	39.56 0.78 0.00	40.80 0.88 0.00	48.20 1.04 0.00	57.68 1.13 0.00	67.46 1.39 0.00	72.31 1.42 0.00	82.40 1.69 0.00	93.91 1.93 0.00	102.27 1.71 0.00	128.89 2.28 0.00	147.52 3.03 0.00	127.26 2.50 0.00	94.05 1.93 0.00	76.92 1.58 0.00	69.95 1.64 0.00	51.38 1.16 0.00	44.77 1.01 0.00
IP CORINTH___1 23988	37.82 2.31 0.00	34.11 1.81 0.00	33.17 1.67 0.00	31.93 1.49 0.00	32.00 1.52 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.35 2.56 0.00	42.76 2.83 0.00	50.51 3.35 0.00	60.28 3.73 0.00	70.49 4.43 0.00	76.28 5.39 0.00	86.76 6.05 0.00	99.33 7.36 0.00	123.02 7.94 -14.51	146.84 8.61 -11.62	175.60 10.55 -20.56	148.24 9.23 -14.25	117.83 7.92 -17.79	112.77 6.48 -30.95	104.29 6.28 -29.70	53.95 3.72 0.00	46.78 3.02 0.00

IP___TICONDEROGA 23804	40.16 4.65 0.00	36.11 3.81 0.00	35.03 3.53 0.00	33.67 3.23 0.00	33.77 3.29 0.00	33.87 3.25 0.00	32.69 3.32 0.00	44.18 5.39 0.00	45.75 5.83 0.00	54.10 6.93 0.00	64.58 8.03 0.00	75.78 9.71 0.00	82.30 11.41 0.00	93.86 13.15 0.00	107.52 15.54 0.00	132.55 16.89 -15.09	158.62 19.88 -12.13	189.29 23.41 -21.39	160.29 20.71 -14.82	126.38 16.30 -17.96	119.56 13.34 -30.89	110.38 12.43 -29.64	57.56 7.33 0.00	49.71 5.95 0.00
ISLIP_RES_REC 323679	84.86 4.12 -45.23	52.87 3.07 -17.50	47.82 2.96 -13.36	45.44 2.68 -12.32	41.62 2.65 -8.49	45.30 2.70 -11.99	43.17 2.70 -11.10	53.39 4.30 -10.29	63.36 4.79 -18.65	79.10 5.33 -26.60	65.77 5.60 -3.62	81.23 5.75 -9.41	90.25 6.95 -12.41	115.30 8.07 -26.52	188.30 9.65 -86.67	292.80 10.86 -181.37	265.20 14.93 -123.66	270.10 17.33 -108.28	247.76 14.34 -108.66	215.26 10.50 -112.64	138.88 8.36 -55.18	108.32 7.17 -32.84	72.97 5.07 -17.67	66.25 4.94 -17.54
JAMAICA__27_KV_LOAD 355505	38.39 2.88 0.00	34.34 2.03 0.00	33.45 1.95 0.00	32.05 1.61 0.00	32.06 1.58 0.00	32.27 1.65 0.00	31.10 1.73 0.00	41.77 2.99 0.00	43.44 3.51 0.00	50.98 3.82 0.00	60.45 3.90 0.00	70.23 4.16 0.00	75.64 4.75 0.00	86.35 5.65 0.00	99.06 7.08 0.00	113.42 8.25 -4.61	141.66 12.28 -2.77	160.60 14.02 -2.10	137.57 11.35 -1.45	101.51 7.74 -1.65	84.81 6.25 -3.21	76.16 5.19 -2.66	53.95 3.72 0.00	47.53 3.76 0.00
JANIS___SOLAR 323808	38.57 2.56 -0.50	34.55 2.04 -0.21	33.33 1.70 -0.13	32.22 1.73 -0.04	32.23 1.71 -0.04	32.61 1.93 -0.06	31.42 2.06 0.00	42.70 3.03 -0.89	43.67 2.88 -0.87	52.01 3.35 -1.50	62.64 3.67 -2.42	73.93 4.62 -3.24	79.66 5.11 -3.66	91.18 5.97 -4.50	103.71 6.53 -5.20	113.53 7.04 -5.93	142.92 9.24 -7.08	164.47 13.15 -6.84	144.14 12.73 -6.65	107.87 9.95 -5.80	88.40 7.98 -5.08	79.60 6.83 -4.47	56.24 4.22 -1.79	48.43 3.37 -1.30
JARVIS____ 23743	35.90 0.39 0.00	32.56 0.26 0.00	31.75 0.25 0.00	30.68 0.24 0.00	30.72 0.24 0.00	30.86 0.24 0.00	29.57 0.21 0.00	39.18 0.39 0.00	40.36 0.44 0.00	47.64 0.47 0.00	57.00 0.45 0.00	66.59 0.53 0.00	71.53 0.64 0.00	81.35 0.64 0.00	92.80 0.83 0.00	101.47 0.90 0.00	127.75 1.14 0.00	146.08 1.59 0.00	126.14 1.37 0.00	93.13 1.02 0.00	76.25 0.91 0.00	69.06 0.75 0.00	50.78 0.55 0.00	44.29 0.53 0.00
JENNISON___1 23625	38.77 2.91 -0.35	34.78 2.33 -0.15	33.61 2.02 -0.09	32.51 2.04 -0.03	32.52 2.01 -0.03	32.81 2.14 -0.04	31.66 2.29 0.00	42.59 3.18 -0.63	43.89 3.35 -0.61	52.18 3.96 -1.05	62.66 4.41 -1.70	73.97 5.62 -2.29	79.57 6.10 -2.58	91.14 7.26 -3.17	103.64 8.00 -3.66	113.39 8.65 -4.18	142.48 10.89 -4.99	163.76 14.45 -4.82	142.92 13.47 -4.68	106.84 10.22 -4.49	88.11 8.21 -4.56	79.44 7.04 -4.09	56.06 4.57 -1.26	48.44 3.76 -0.91
JENNISON___2 23626	38.77 2.91 -0.35	34.78 2.33 -0.15	33.61 2.02 -0.09	32.51 2.04 -0.03	32.52 2.01 -0.03	32.81 2.14 -0.04	31.66 2.29 0.00	42.59 3.18 -0.63	43.89 3.35 -0.61	52.18 3.96 -1.05	62.66 4.41 -1.70	73.97 5.62 -2.29	79.57 6.10 -2.58	91.14 7.26 -3.17	103.64 8.00 -3.66	113.39 8.65 -4.18	142.48 10.89 -4.99	163.76 14.45 -4.82	142.92 13.47 -4.68	106.84 10.22 -4.49	88.11 8.21 -4.56	79.44 7.04 -4.09	56.06 4.57 -1.26	48.44 3.76 -0.91
JERICHO_RISE_WT_PWR 323719	33.95 -1.56 0.00	31.33 -0.97 0.00	30.62 -0.88 0.00	29.65 -0.79 0.00	29.75 -0.73 0.00	30.04 -0.58 0.00	28.98 -0.38 0.00	37.93 -0.85 0.00	38.89 -1.04 0.00	46.03 -1.13 0.00	55.70 -0.85 0.00	64.88 -1.19 0.00	68.05 -2.84 0.00	76.83 -3.87 0.00	87.38 -4.60 0.00	95.33 -5.23 0.00	120.16 -6.45 0.00	136.54 -7.95 0.00	117.65 -7.11 0.00	86.77 -5.35 0.00	71.20 -4.14 0.00	65.71 -2.60 0.00	49.08 -1.15 0.00	42.71 -1.05 0.00
KATONAH___115KV_46KV_TB4 355592	38.03 2.52 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.96 1.52 0.00	31.94 1.46 0.00	32.18 1.56 0.00	30.84 1.47 0.00	41.23 2.44 0.00	42.84 2.91 0.00	50.42 3.25 0.00	60.00 3.45 0.00	69.83 3.77 0.00	75.28 4.40 0.00	86.27 5.57 0.00	98.69 6.71 0.00	110.08 8.04 -1.47	140.78 11.39 -2.78	160.16 13.58 -2.08	137.31 11.10 -1.44	101.62 7.83 -1.67	84.50 6.33 -2.83	76.28 5.26 -2.71	53.69 3.47 0.00	47.13 3.37 0.00
KCE_NY_1 323755	37.96 2.45 0.00	34.27 1.97 0.00	33.39 1.89 0.00	32.14 1.70 0.00	32.22 1.74 0.00	32.27 1.65 0.00	30.95 1.58 0.00	41.35 2.56 0.00	42.64 2.72 0.00	50.37 3.21 0.00	60.06 3.51 0.00	70.17 4.10 0.00	75.78 4.89 0.00	86.27 5.56 0.00	98.78 6.81 0.00	124.11 7.64 -15.91	148.71 9.24 -12.86	178.17 11.13 -22.55	150.12 9.74 -15.63	117.88 7.56 -18.21	112.33 6.18 -30.81	103.46 5.60 -29.55	53.85 3.62 0.00	46.87 3.11 0.00
KCE_NY_6_ESR 323823	37.15 1.63 0.00	33.27 0.97 0.00	31.97 0.47 0.00	31.32 0.88 0.00	31.33 0.85 0.00	31.60 0.98 0.00	30.75 1.38 0.00	40.14 1.36 0.00	41.28 1.36 0.00	49.34 2.17 0.00	59.15 2.60 0.00	69.63 3.57 0.00	75.43 4.54 0.00	85.87 5.17 0.00	96.85 4.87 0.00	105.89 5.33 0.00	131.80 5.19 0.00	151.28 6.79 0.00	132.99 8.23 0.00	99.03 6.91 0.00	80.47 5.13 0.00	72.13 3.82 0.00	53.14 2.91 0.00	46.08 2.32 0.00
KEDC_PORT_JEFF_GT2 24210	84.51 3.76 -45.24	52.61 2.81 -17.50	47.53 2.68 -13.36	45.16 2.40 -12.32	41.38 2.41 -8.49	45.03 2.42 -11.99	42.90 2.44 -11.10	53.00 3.92 -10.29	62.93 4.35 -18.65	78.58 4.81 -26.60	65.09 4.92 -3.62	78.17 4.76 -7.34	89.92 5.81 -13.21	118.34 6.21 -31.42	203.65 7.54 -104.13	314.06 8.65 -204.85	274.75 12.16 -135.98	270.77 14.17 -112.11	245.03 11.60 -108.66	237.62 8.38 -137.12	146.36 6.63 -64.39	111.03 5.94 -36.78	71.39 4.32 -16.84	65.73 4.42 -17.55
KEDC_PORT_JEFF_GT3 24211	84.51 3.76 -45.24	52.61 2.81 -17.50	47.53 2.68 -13.36	45.16 2.40 -12.32	41.38 2.41 -8.49	45.03 2.42 -11.99	42.90 2.44 -11.10	53.00 3.92 -10.29	62.93 4.35 -18.65	78.58 4.81 -26.60	65.09 4.92 -3.62	78.17 4.76 -7.34	89.92 5.81 -13.21	118.34 6.21 -31.42	203.65 7.54 -104.13	314.06 8.65 -204.85	274.75 12.16 -135.98	270.77 14.17 -112.11	245.03 11.60 -108.66	237.62 8.38 -137.12	146.36 6.63 -64.39	111.03 5.94 -36.78	71.39 4.32 -16.84	65.73 4.42 -17.55
KEDC_GLWD_GT4 24219	83.61 2.88 -45.22	52.16 2.36 -17.50	47.13 2.27 -13.36	44.77 2.01 -12.32	40.98 2.01 -8.49	44.63 2.02 -11.99	42.52 2.06 -11.10	52.14 3.06 -10.29	61.92 3.35 -18.64	77.49 3.73 -26.60	64.05 3.90 -3.61	70.36 4.29 0.00	85.02 5.32 -8.81	91.62 6.21 -4.70	108.24 7.45 -8.82	190.06 8.74 -80.75	207.66 12.28 -68.77	250.04 14.31 -91.24	245.02 11.60 -108.65	103.68 8.01 -3.55	96.28 6.25 -14.69	88.96 5.39 -15.26	67.94 3.82 -13.89	64.97 3.68 -17.53
KEDC_GLWD_GT5 24220	83.61 2.88 -45.22	52.16 2.36 -17.50	47.13 2.27 -13.36	44.77 2.01 -12.32	40.98 2.01 -8.49	44.63 2.02 -11.99	42.52 2.06 -11.10	52.14 3.06 -10.29	61.92 3.35 -18.64	77.49 3.73 -26.60	64.05 3.90 -3.61	70.36 4.29 0.00	85.02 5.32 -8.81	91.62 6.21 -4.70	108.24 7.45 -8.82	190.06 8.74 -80.75	207.66 12.28 -68.77	250.04 14.31 -91.24	245.02 11.60 -108.65	103.68 8.01 -3.55	96.28 6.25 -14.69	88.96 5.39 -15.26	67.94 3.82 -13.89	64.97 3.68 -17.53

KENSICO____ 23655	37.86 2.34 0.00	33.92 1.62 0.00	33.07 1.57 0.00	31.81 1.37 0.00	31.82 1.34 0.00	32.00 1.38 0.00	30.75 1.38 0.00	41.08 2.29 0.00	42.64 2.71 0.00	50.14 2.97 0.00	59.49 2.94 0.00	69.11 3.04 0.00	74.43 3.54 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.47 6.44 -1.47	138.74 9.37 -2.76	157.56 10.98 -2.09	135.07 8.86 -1.45	99.85 6.08 -1.65	82.93 4.82 -2.76	74.99 4.03 -2.65	53.09 2.86 0.00	46.69 2.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.82 2.31 0.00	33.85 1.55 0.00	33.04 1.54 0.00	31.78 1.34 0.00	31.79 1.31 0.00	32.06 1.44 0.00	30.69 1.32 0.00	40.84 2.06 0.00	42.40 2.48 0.00	49.76 2.59 0.00	59.09 2.54 0.00	68.84 2.77 0.00	74.51 3.62 0.00	84.96 4.68 0.43	96.80 5.79 0.97	104.93 6.94 2.58	134.04 10.38 2.95	153.27 12.43 3.65	132.84 10.60 2.53	99.75 7.55 -0.07	83.41 5.80 -2.27	75.63 5.12 -2.20	53.29 3.06 0.00	46.61 2.84 0.00
KIAC_JFK_GT1 23816	38.03 2.52 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.87 1.43 0.00	31.91 1.43 0.00	32.12 1.50 0.00	30.92 1.56 0.00	41.39 2.60 0.00	43.04 3.11 0.00	50.51 3.35 0.00	59.77 3.22 0.00	69.44 3.37 0.00	74.79 3.90 0.00	85.39 4.68 0.00	97.95 5.98 0.00	112.21 7.04 -4.61	140.01 10.64 -2.77	158.87 12.28 -2.10	136.07 9.86 -1.45	100.31 6.54 -1.65	83.83 5.27 -3.21	75.34 4.37 -2.66	53.39 3.16 0.00	47.04 3.28 0.00
KIAC_JFK_GT2 23817	38.03 2.52 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.87 1.43 0.00	31.91 1.43 0.00	32.12 1.50 0.00	30.92 1.56 0.00	41.39 2.60 0.00	43.04 3.11 0.00	50.51 3.35 0.00	59.77 3.22 0.00	69.44 3.37 0.00	74.79 3.90 0.00	85.39 4.68 0.00	97.95 5.98 0.00	112.21 7.04 -4.61	140.01 10.64 -2.77	158.87 12.28 -2.10	136.07 9.86 -1.45	100.31 6.54 -1.65	83.83 5.27 -3.21	75.34 4.37 -2.66	53.39 3.16 0.00	47.04 3.28 0.00
KIAC_JFK____ 323774	38.07 2.56 0.00	34.17 1.87 0.00	33.29 1.79 0.00	31.87 1.43 0.00	31.91 1.43 0.00	32.06 1.44 0.00	30.95 1.58 0.00	41.43 2.64 0.00	43.04 3.12 0.00	50.51 3.35 0.00	59.77 3.22 0.00	69.44 3.37 0.00	75.00 4.11 0.00	85.38 4.68 0.00	97.95 5.97 0.00	112.21 7.04 -4.61	140.01 10.64 -2.77	158.86 12.27 -2.10	136.07 9.85 -1.45	100.31 6.54 -1.65	83.75 5.19 -3.21	75.34 4.38 -2.66	53.39 3.17 0.00	47.05 3.28 0.00
KINTIGH____ 23543	36.01 0.50 0.00	32.43 0.13 0.00	31.25 -0.25 0.00	30.50 0.06 0.00	30.57 0.09 0.00	30.56 -0.06 0.00	29.93 0.56 0.00	38.71 -0.08 0.00	40.08 0.16 0.00	47.78 0.61 0.00	57.12 0.57 0.00	67.32 1.26 0.00	72.66 1.77 0.00	82.72 2.02 0.00	93.36 1.38 0.00	102.07 1.51 0.00	127.24 0.63 0.00	145.94 1.44 0.00	128.13 3.37 0.00	95.34 3.22 0.00	77.68 2.34 0.00	69.74 1.43 0.00	51.43 1.21 0.00	44.55 0.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.45 -1.07 0.00	31.78 -0.52 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.48 0.12 0.00	38.75 -0.04 0.00	39.65 -0.28 0.00	46.93 -0.24 0.00	56.72 0.17 0.00	66.07 0.00 0.00	69.12 -1.77 0.00	76.51 -4.20 0.00	87.01 -4.97 0.00	95.03 -5.53 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.52 -7.24 0.00	86.59 -5.53 0.00	71.05 -4.29 0.00	66.26 -2.05 0.00	49.98 -0.25 0.00	43.46 -0.31 0.00
LACHUTE____HYDRO 323717	40.16 4.65 0.00	36.11 3.81 0.00	35.03 3.53 0.00	33.66 3.23 0.00	33.77 3.29 0.00	33.87 3.24 0.00	32.68 3.32 0.00	44.26 5.47 0.00	45.75 5.83 0.00	54.10 6.94 0.00	64.58 8.03 0.00	75.78 9.72 0.00	82.45 11.56 0.00	93.87 13.16 0.00	107.52 15.55 0.00	132.54 16.89 -15.09	158.62 19.88 -12.13	189.28 23.40 -21.39	160.30 20.72 -14.82	126.39 16.31 -17.96	119.57 13.34 -30.89	110.38 12.43 -29.64	57.56 7.33 0.00	49.71 5.95 0.00
LAWRNCV_115KV_TB1 80681	34.06 -1.46 0.00	31.40 -0.90 0.00	30.65 -0.85 0.00	29.62 -0.82 0.00	29.69 -0.79 0.00	29.92 -0.70 0.00	28.84 -0.53 0.00	37.70 -1.09 0.00	38.17 -1.76 0.00	45.09 -2.08 0.00	54.51 -2.04 0.00	63.36 -2.71 0.00	67.56 -3.33 0.00	75.94 -4.76 0.00	86.55 -5.43 0.00	94.23 -6.34 0.00	118.76 -7.85 0.00	134.81 -9.68 0.00	116.28 -8.48 0.00	85.76 -6.36 0.00	70.29 -5.05 0.00	64.89 -3.42 0.00	48.42 -1.81 0.00	42.27 -1.49 0.00
LEDERLE____ 23769	37.79 2.27 0.00	33.85 1.55 0.00	33.01 1.51 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.97 1.35 0.00	30.69 1.32 0.00	40.80 2.02 0.00	42.40 2.48 0.00	49.85 2.69 0.00	59.21 2.66 0.00	68.91 2.84 0.00	74.22 3.33 0.00	84.82 4.12 0.00	97.13 5.15 0.00	106.70 6.13 0.00	138.19 9.12 -2.46	155.04 10.55 0.00	133.24 8.48 0.00	98.94 5.90 -0.92	82.15 4.60 -2.22	74.34 3.89 -2.14	52.89 2.66 0.00	46.43 2.67 0.00
LIGHTHSE_115KV_TB6 355974	37.26 0.36 -1.40	33.03 0.13 -0.59	31.88 0.00 -0.38	30.59 0.03 -0.12	30.63 0.03 -0.12	30.88 0.09 -0.17	29.60 0.23 0.00	41.72 0.43 -2.50	42.74 0.36 -2.46	51.81 0.42 -4.22	63.70 0.34 -6.81	75.87 0.66 -9.14	81.93 0.71 -10.33	93.88 0.48 -12.69	107.18 0.55 -14.65	117.59 0.30 -16.72	146.81 0.25 -19.94	164.63 0.87 -19.27	144.75 1.25 -18.74	108.48 1.29 -15.07	87.59 0.98 -11.26	79.33 1.37 -9.66	55.92 0.65 -5.04	47.77 0.35 -3.66
LINDEN COGEN____ 23786	37.89 2.38 0.00	33.85 1.55 0.00	32.98 1.48 0.00	31.62 1.19 0.00	31.67 1.19 0.00	31.81 1.19 0.00	30.69 1.32 0.00	41.23 2.45 0.00	42.72 2.79 0.00	43.42 2.93 6.67	43.78 2.71 15.49	44.28 2.71 24.50	45.77 3.40 28.52	56.22 3.87 28.36	69.03 4.96 27.91	74.67 5.93 31.82	87.74 8.99 47.86	107.92 10.41 46.98	90.64 8.10 42.22	71.21 5.43 26.34	55.29 4.22 24.27	45.42 3.62 26.50	43.56 2.66 9.33	43.35 2.93 3.35
LINDHRST_69_KV_BK1 356055	84.39 3.66 -45.22	52.52 2.71 -17.50	47.47 2.61 -13.36	45.13 2.37 -12.32	41.32 2.35 -8.49	45.03 2.42 -11.99	42.85 2.38 -11.10	52.76 3.68 -10.29	62.79 4.23 -18.64	78.48 4.72 -26.60	65.19 5.03 -3.61	76.06 5.29 -4.70	86.27 6.24 -9.14	94.92 7.51 -6.71	116.80 8.83 -15.99	197.69 10.16 -86.97	214.75 14.31 -73.83	253.92 16.62 -92.81	247.01 13.60 -108.65	115.40 9.67 -13.61	101.25 7.91 -17.99	91.88 6.69 -16.88	70.78 4.77 -15.78	65.85 4.55 -17.53
LIPA_MISC_IPP 23656	84.47 3.73 -45.23	52.55 2.75 -17.50	47.50 2.65 -13.36	45.16 2.40 -12.32	41.32 2.35 -8.49	45.06 2.45 -11.99	42.88 2.41 -11.10	52.88 3.80 -10.29	62.92 4.35 -18.65	78.53 4.76 -26.60	65.20 5.03 -3.62	79.22 5.09 -8.06	89.15 5.74 -12.52	114.89 6.94 -27.24	189.48 8.28 -89.23	294.67 9.35 -184.76	264.99 12.91 -125.47	268.36 15.03 -108.84	245.77 12.35 -108.66	217.10 8.75 -116.24	139.24 7.38 -56.52	108.08 6.35 -33.42	71.83 4.47 -17.13	65.72 4.42 -17.54
LISF__SOLAR 323691	84.62 3.87 -45.23	52.68 2.87 -17.50	47.60 2.74 -13.36	45.22 2.46 -12.32	41.41 2.44 -8.49	45.09 2.48 -11.99	42.96 2.49 -11.10	53.08 4.00 -10.29	63.00 4.43 -18.65	78.67 4.90 -26.60	65.26 5.09 -3.62	79.40 5.22 -8.11	89.56 6.10 -12.58	115.54 7.27 -27.57	191.11 8.74 -90.39	296.64 9.75 -186.33	266.19 13.29 -126.29	269.20 15.61 -109.10	246.40 12.97 -108.66	219.47 9.49 -117.86	140.08 7.61 -57.13	108.61 6.62 -33.68	72.05 4.67 -17.15	65.85 4.55 -17.54

LITTLE FALLS___HYD 24013	36.29 0.78 0.00	32.85 0.55 0.00	31.97 0.47 0.00	30.93 0.49 0.00	31.00 0.52 0.00	31.17 0.55 0.00	29.90 0.53 0.00	39.56 0.78 0.00	40.80 0.88 0.00	48.20 1.04 0.00	57.68 1.13 0.00	67.46 1.39 0.00	72.31 1.42 0.00	82.40 1.69 0.00	93.91 1.93 0.00	102.27 1.71 0.00	128.89 2.28 0.00	147.52 3.03 0.00	127.26 2.50 0.00	94.05 1.93 0.00	76.92 1.58 0.00	69.95 1.64 0.00	51.38 1.16 0.00	44.77 1.01 0.00
LITTLRIV_115KV_TB1 356100	34.62 -1.07 -0.17	31.82 -0.55 -0.07	31.01 -0.54 -0.05	29.94 -0.52 -0.02	30.04 -0.46 -0.02	30.30 -0.34 -0.02	29.25 -0.12 0.00	38.51 -0.58 -0.30	38.99 -1.24 -0.30	46.22 -1.46 -0.51	56.08 -1.30 -0.83	65.40 -1.78 -1.11	69.88 -2.27 -1.26	78.70 -3.55 -1.55	89.71 -4.05 -1.78	97.67 -4.93 -2.04	122.83 -6.20 -2.43	138.89 -7.95 -2.35	120.18 -6.86 -2.28	88.89 -5.07 -1.83	72.72 -3.99 -1.37	67.09 -2.39 -1.18	49.69 -1.16 -0.61	43.20 -1.01 -0.45
LI_NEWBRDGE___DRP 323616	83.54 2.81 -45.22	51.81 2.00 -17.50	46.81 1.95 -13.36	44.49 1.74 -12.32	40.68 1.71 -8.49	44.35 1.75 -11.99	42.20 1.73 -11.10	51.87 2.79 -10.29	61.84 3.27 -18.64	77.35 3.58 -26.60	63.77 3.62 -3.61	69.77 3.70 0.00	84.10 4.40 -8.81	90.65 5.25 -4.70	107.24 6.44 -8.82	183.61 7.64 -75.40	206.14 10.76 -68.77	248.30 12.57 -91.24	243.64 10.23 -108.65	102.76 7.09 -3.55	95.01 5.73 -13.94	88.42 4.85 -15.26	67.58 3.47 -13.89	64.75 3.46 -17.53
LOCKPORT_115KV_TB60_63_64 80432	36.40 0.89 0.00	32.56 0.26 0.00	31.28 -0.22 0.00	30.59 0.15 0.00	30.78 0.30 0.00	30.77 0.15 0.00	30.16 0.79 0.00	38.79 0.00 0.00	40.24 0.32 0.00	48.01 0.85 0.00	57.34 0.79 0.00	67.72 1.65 0.00	73.02 2.13 0.00	83.21 2.50 0.00	93.72 1.75 0.00	102.47 1.91 0.00	127.50 0.89 0.00	146.22 1.73 0.00	128.88 4.12 0.00	95.99 3.87 0.00	78.13 2.79 0.00	70.08 1.78 0.00	51.84 1.61 0.00	45.03 1.27 0.00
LOCKPORT___CC1 323769	36.22 0.71 0.00	32.46 0.16 0.00	31.22 -0.28 0.00	30.53 0.09 0.00	30.51 0.03 0.00	30.86 0.24 0.00	29.99 0.62 0.00	38.94 0.16 0.00	40.09 0.16 0.00	47.82 0.66 0.00	57.28 0.73 0.00	67.46 1.39 0.00	72.87 1.98 0.00	82.80 2.09 0.00	93.26 1.29 0.00	101.97 1.41 0.00	126.86 0.25 0.00	145.51 1.02 0.00	128.25 3.49 0.00	95.53 3.41 0.00	77.75 2.41 0.00	69.74 1.44 0.00	51.63 1.40 0.00	44.86 1.09 0.00
LOCKPORT___CC2 323770	36.22 0.71 0.00	32.46 0.16 0.00	31.22 -0.28 0.00	30.53 0.09 0.00	30.51 0.03 0.00	30.86 0.24 0.00	29.99 0.62 0.00	38.94 0.16 0.00	40.09 0.16 0.00	47.82 0.66 0.00	57.28 0.73 0.00	67.46 1.39 0.00	72.87 1.98 0.00	82.80 2.09 0.00	93.26 1.29 0.00	101.97 1.41 0.00	126.86 0.25 0.00	145.51 1.02 0.00	128.25 3.49 0.00	95.53 3.41 0.00	77.75 2.41 0.00	69.74 1.44 0.00	51.63 1.40 0.00	44.86 1.09 0.00
LOCKPORT___CC3 323771	36.22 0.71 0.00	32.46 0.16 0.00	31.22 -0.28 0.00	30.53 0.09 0.00	30.51 0.03 0.00	30.86 0.24 0.00	29.99 0.62 0.00	38.94 0.16 0.00	40.09 0.16 0.00	47.82 0.66 0.00	57.28 0.73 0.00	67.46 1.39 0.00	72.87 1.98 0.00	82.80 2.09 0.00	93.26 1.29 0.00	101.97 1.41 0.00	126.86 0.25 0.00	145.51 1.02 0.00	128.25 3.49 0.00	95.53 3.41 0.00	77.75 2.41 0.00	69.74 1.44 0.00	51.63 1.40 0.00	44.86 1.09 0.00
LONG_LAKE_PHOENIX 24014	37.37 -0.11 -1.96	32.88 -0.26 -0.84	31.68 -0.35 -0.53	30.31 -0.30 -0.17	30.35 -0.30 -0.17	30.55 -0.31 -0.23	29.16 -0.21 0.00	42.23 -0.08 -3.52	43.30 -0.08 -3.45	53.09 0.00 -5.93	66.01 -0.11 -9.57	78.98 0.07 -12.85	85.55 0.14 -14.51	98.95 0.40 -17.84	112.85 0.28 -20.60	124.37 0.30 -23.50	155.02 0.38 -28.03	172.44 0.87 -27.09	152.22 1.12 -26.34	114.31 1.01 -21.18	91.85 0.68 -15.83	82.29 0.41 -13.57	57.22 -0.10 -7.09	48.69 -0.22 -5.14
LOVETT___3 23632	37.54 2.02 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.78 1.16 0.00	30.51 1.15 0.00	40.57 1.78 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.31 2.25 0.00	73.58 2.69 0.00	84.01 3.31 0.00	96.21 4.23 0.00	105.79 5.23 0.00	136.83 7.72 -2.49	153.59 9.10 0.00	132.00 7.24 0.00	98.02 4.97 -0.93	81.49 3.92 -2.23	73.66 3.21 -2.15	52.49 2.26 0.00	46.12 2.36 0.00
LOVETT___4 23642	37.54 2.02 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.78 1.16 0.00	30.51 1.15 0.00	40.57 1.78 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.31 2.25 0.00	73.58 2.69 0.00	84.01 3.31 0.00	96.21 4.23 0.00	105.79 5.23 0.00	136.83 7.72 -2.49	153.59 9.10 0.00	132.00 7.24 0.00	98.02 4.97 -0.93	81.49 3.92 -2.23	73.66 3.21 -2.15	52.49 2.26 0.00	46.12 2.36 0.00
LOVETT___5 23593	37.54 2.02 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.78 1.16 0.00	30.51 1.15 0.00	40.57 1.78 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.31 2.25 0.00	73.58 2.69 0.00	84.01 3.31 0.00	96.21 4.23 0.00	105.79 5.23 0.00	136.83 7.72 -2.49	153.59 9.10 0.00	132.00 7.24 0.00	98.02 4.97 -0.93	81.49 3.92 -2.23	73.66 3.21 -2.15	52.49 2.26 0.00	46.12 2.36 0.00
LOWER RAQUET___HYD 24057	34.27 -1.42 -0.18	31.51 -0.87 -0.08	30.70 -0.85 -0.05	29.63 -0.82 -0.02	29.70 -0.79 -0.02	29.94 -0.70 -0.02	28.87 -0.50 0.00	37.91 -1.20 -0.33	38.41 -1.84 -0.32	45.54 -2.17 -0.55	55.29 -2.15 -0.88	64.42 -2.84 -1.19	68.12 -4.11 -1.34	77.27 -5.08 -1.65	88.09 -5.79 -1.90	96.00 -6.74 -2.17	120.84 -8.36 -2.59	136.74 -10.26 -2.50	118.21 -8.98 -2.43	87.44 -6.63 -1.96	71.53 -5.28 -1.46	66.08 -3.48 -1.25	49.12 -1.76 -0.66	42.79 -1.44 -0.48
LOWER___HUDSON 24059	37.46 1.95 0.00	33.82 1.52 0.00	33.01 1.51 0.00	31.81 1.37 0.00	31.85 1.37 0.00	31.91 1.29 0.00	30.54 1.18 0.00	40.61 1.82 0.00	41.92 2.00 0.00	49.43 2.26 0.00	58.81 2.26 0.00	68.64 2.57 0.00	73.94 3.05 0.00	84.17 3.47 0.00	96.30 4.32 0.00	131.07 5.13 -25.38	154.36 6.45 -21.29	188.26 7.80 -35.97	156.29 6.61 -24.92	117.97 4.97 -20.89	109.05 4.14 -29.57	100.29 3.69 -28.29	52.94 2.71 0.00	46.17 2.41 0.00
LOWVILLE_115KV_TB2 356335	37.21 1.28 -0.42	33.51 1.03 -0.18	32.46 0.85 -0.11	31.33 0.85 -0.04	31.37 0.85 -0.04	31.65 0.98 -0.05	30.51 1.15 0.00	41.05 1.51 -0.75	42.06 1.40 -0.74	49.84 1.41 -1.26	60.12 1.53 -2.04	70.72 1.92 -2.74	75.75 1.77 -3.09	85.56 1.05 -3.80	97.93 1.56 -4.39	106.98 1.41 -5.01	134.73 2.15 -5.97	153.73 3.47 -5.77	133.99 3.62 -5.61	99.58 2.95 -4.51	81.12 2.41 -3.37	74.41 3.21 -2.89	54.00 2.26 -1.51	46.61 1.75 -1.10
LUTHERFT_115KV_GLOB_FND_222 355753	37.93 2.41 0.00	34.24 1.94 0.00	33.36 1.86 0.00	32.14 1.70 0.00	32.19 1.71 0.00	32.27 1.65 0.00	30.92 1.56 0.00	41.27 2.48 0.00	42.64 2.71 0.00	50.32 3.16 0.00	60.00 3.45 0.00	70.10 4.03 0.00	75.64 4.75 0.00	86.19 5.49 0.00	98.69 6.71 0.00	124.02 7.54 -15.91	148.46 8.99 -12.86	178.02 10.98 -22.55	149.99 9.61 -15.63	117.78 7.46 -18.21	112.25 6.10 -30.81	103.39 5.53 -29.55	53.79 3.57 0.00	46.83 3.06 0.00

LUTHERNY_35_KV_BK2 355980	37.96 2.45 0.00	34.27 1.97 0.00	33.36 1.86 0.00	32.14 1.70 0.00	32.22 1.74 0.00	32.30 1.68 0.00	30.95 1.59 0.00	41.31 2.52 0.00	42.64 2.71 0.00	50.37 3.21 0.00	60.06 3.51 0.00	70.16 4.10 0.00	75.71 4.82 0.00	86.27 5.57 0.00	98.78 6.81 0.00	124.12 7.64 -15.91	148.72 9.24 -12.86	178.17 11.13 -22.55	150.12 9.73 -15.63	117.88 7.55 -18.21	112.40 6.25 -30.81	103.46 5.60 -29.55	53.84 3.62 0.00	46.87 3.11 0.00
LWR___OSWEGATCHIE_HYD 23850	35.73 -0.14 -0.36	32.45 0.00 -0.15	31.53 -0.06 -0.10	30.41 -0.06 -0.03	30.48 -0.03 -0.03	30.76 0.09 -0.04	29.63 0.26 0.00	39.59 0.16 -0.64	40.28 -0.28 -0.63	47.83 -0.42 -1.09	57.85 -0.45 -1.75	67.83 -0.59 -2.35	72.56 -0.99 -2.66	81.63 -2.34 -3.27	93.17 -2.58 -3.77	101.75 -3.12 -4.31	128.07 -3.67 -5.14	145.41 -4.05 -4.96	126.47 -3.12 -4.83	93.88 -2.12 -3.88	76.58 -1.66 -2.90	70.66 -0.14 -2.49	51.73 0.20 -1.30	44.79 0.09 -0.94
LYONS_FALL_HYD 23570	37.20 1.38 -0.31	33.56 1.13 -0.13	32.53 0.94 -0.08	31.38 0.91 -0.03	31.42 0.91 -0.03	31.70 1.04 -0.04	30.51 1.14 0.00	40.93 1.59 -0.55	42.02 1.56 -0.54	49.78 1.70 -0.92	59.96 1.92 -1.49	70.44 2.37 -2.00	75.42 2.27 -2.26	85.58 2.09 -2.77	97.75 2.57 -3.20	106.83 2.61 -3.66	134.51 3.54 -4.36	153.76 5.05 -4.21	133.72 4.86 -4.10	99.19 3.78 -3.29	80.82 3.02 -2.46	73.76 3.35 -2.11	53.69 2.36 -1.10	46.44 1.88 -0.80
MADISON___COUNTY_LFGE 323628	37.57 1.74 -0.32	33.83 1.39 -0.14	32.78 1.20 -0.09	31.62 1.16 -0.03	31.67 1.16 -0.03	31.88 1.22 -0.04	30.69 1.32 0.00	41.26 1.90 -0.58	42.49 2.00 -0.57	50.49 2.36 -0.97	60.89 2.77 -1.57	71.67 3.50 -2.10	76.31 3.05 -2.37	87.26 3.63 -2.92	99.39 4.05 -3.37	108.63 4.22 -3.85	136.77 5.57 -4.59	156.44 7.51 -4.43	135.93 6.86 -4.31	100.74 5.16 -3.47	82.08 4.14 -2.59	74.15 3.62 -2.22	54.15 2.76 -1.16	46.84 2.23 -0.84
MALONE___115KV_TB1 356076	34.30 -1.21 0.00	31.65 -0.65 0.00	30.90 -0.60 0.00	29.92 -0.52 0.00	29.99 -0.49 0.00	30.31 -0.31 0.00	29.31 -0.06 0.00	38.48 -0.31 0.00	39.25 -0.68 0.00	46.41 -0.75 0.00	56.15 -0.40 0.00	65.28 -0.79 0.00	69.19 -1.70 0.00	77.32 -3.39 0.00	87.93 -4.05 0.00	95.94 -4.63 0.00	121.04 -5.57 0.00	137.55 -6.94 0.00	118.52 -6.24 0.00	87.42 -4.70 0.00	71.65 -3.69 0.00	66.33 -1.98 0.00	49.53 -0.70 0.00	43.11 -0.66 0.00
MAPLEWOD_115KV_TB3 80458	37.32 1.81 0.00	33.69 1.39 0.00	32.89 1.39 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.85 1.22 0.00	30.42 1.06 0.00	40.42 1.63 0.00	41.76 1.84 0.00	49.24 2.08 0.00	58.64 2.09 0.00	68.45 2.38 0.00	73.37 2.48 0.00	83.53 2.82 0.00	95.56 3.59 0.00	132.43 4.32 -27.55	155.28 5.57 -23.10	190.32 6.79 -39.04	157.55 5.74 -27.05	116.35 4.24 -20.00	104.56 3.54 -25.68	95.91 3.07 -24.53	52.69 2.46 0.00	45.95 2.19 0.00
MAPLE_RIDGE_WT_1 323574	34.98 -0.53 0.00	31.91 -0.39 0.00	31.15 -0.35 0.00	30.10 -0.33 0.00	30.18 -0.30 0.00	30.34 -0.28 0.00	29.16 -0.20 0.00	38.48 -0.31 0.00	39.60 -0.32 0.00	46.79 -0.38 0.00	56.21 -0.34 0.00	65.61 -0.46 0.00	70.25 -0.64 0.00	79.65 -1.05 0.00	90.69 -1.29 0.00	99.06 -1.51 0.00	124.71 -1.90 0.00	142.17 -2.32 0.00	122.76 -2.00 0.00	90.74 -1.38 0.00	74.51 -0.83 0.00	67.62 -0.68 0.00	49.82 -0.40 0.00	43.41 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	34.98 -0.53 0.00	31.91 -0.39 0.00	31.15 -0.35 0.00	30.10 -0.33 0.00	30.18 -0.30 0.00	30.34 -0.28 0.00	29.16 -0.20 0.00	38.48 -0.31 0.00	39.60 -0.32 0.00	46.79 -0.38 0.00	56.21 -0.34 0.00	65.61 -0.46 0.00	70.25 -0.64 0.00	79.65 -1.05 0.00	90.69 -1.29 0.00	99.06 -1.51 0.00	124.71 -1.90 0.00	142.17 -2.32 0.00	122.76 -2.00 0.00	90.74 -1.38 0.00	74.51 -0.83 0.00	67.62 -0.68 0.00	49.82 -0.40 0.00	43.41 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	34.09 -1.42 0.00	31.43 -0.87 0.00	30.71 -0.79 0.00	29.74 -0.70 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.10 -0.26 0.00	38.13 -0.66 0.00	39.13 -0.80 0.00	46.32 -0.85 0.00	55.98 -0.57 0.00	65.21 -0.86 0.00	68.05 -2.84 0.00	76.75 -3.95 0.00	87.29 -4.69 0.00	95.23 -5.33 0.00	120.02 -6.59 0.00	136.40 -8.09 0.00	117.65 -7.11 0.00	86.68 -5.43 0.00	71.20 -4.14 0.00	65.85 -2.46 0.00	49.37 -0.85 0.00	42.98 -0.79 0.00
MARSHVLE_115KV_TB1 80742	39.35 3.84 0.00	35.47 3.17 0.00	34.43 2.93 0.00	33.21 2.77 0.00	33.28 2.80 0.00	33.44 2.82 0.00	32.07 2.70 0.00	42.86 4.07 0.00	43.76 3.83 0.00	51.50 4.34 0.00	61.30 4.75 0.00	71.16 5.09 0.00	76.99 6.10 0.00	88.05 7.34 0.00	100.71 8.74 0.00	117.29 9.86 -6.87	142.87 11.02 -5.25	169.84 15.60 -9.74	148.23 16.72 -6.75	117.43 13.36 -11.96	109.48 11.00 -23.14	100.65 10.11 -22.23	56.26 6.03 0.00	48.66 4.90 0.00
MARSH_HILL_WT_PWR 323713	37.51 1.77 -0.23	33.56 1.16 -0.10	32.25 0.69 -0.06	31.43 0.97 -0.02	31.45 0.95 -0.02	31.81 1.16 -0.03	30.89 1.53 0.00	41.36 2.17 -0.40	42.40 2.07 -0.40	50.72 2.88 -0.68	61.10 3.45 -1.10	71.90 4.36 -1.48	77.59 5.03 -1.67	88.49 5.73 -2.05	100.05 5.70 -2.37	109.50 6.24 -2.70	136.92 7.09 -3.22	156.86 9.26 -3.11	137.64 9.85 -3.03	102.56 8.01 -2.43	83.34 6.18 -1.82	74.79 4.92 -1.56	54.16 3.12 -0.81	46.80 2.45 -0.59
MCINTYRE_115KV_TB2 80467	34.62 -0.89 0.00	31.95 -0.36 0.00	31.12 -0.38 0.00	30.07 -0.37 0.00	30.18 -0.30 0.00	30.44 -0.18 0.00	29.37 0.00 0.00	38.40 -0.39 0.00	38.89 -1.04 0.00	45.89 -1.27 0.00	55.53 -1.02 0.00	64.68 -1.39 0.00	69.12 -1.77 0.00	77.80 -2.91 0.00	88.76 -3.22 0.00	96.54 -4.02 0.00	121.55 -5.06 0.00	137.70 -6.79 0.00	119.15 -5.61 0.00	87.97 -4.15 0.00	72.10 -3.24 0.00	66.39 -1.91 0.00	49.32 -0.90 0.00	42.93 -0.83 0.00
MECO_____69_KV_BK1 80468	40.73 5.22 0.00	36.66 4.36 0.00	35.50 4.00 0.00	34.15 3.71 0.00	34.29 3.81 0.00	34.45 3.83 0.00	33.21 3.85 0.00	44.84 6.05 0.00	46.27 6.35 0.00	54.71 7.55 0.00	65.20 8.65 0.00	75.91 9.84 0.00	82.52 11.63 0.00	94.26 13.56 0.00	107.98 16.00 0.00	126.46 18.10 -7.79	154.30 21.78 -5.92	183.28 27.74 -11.04	158.61 26.20 -7.65	125.24 19.62 -13.51	117.27 15.82 -26.11	107.40 14.00 -25.09	58.47 8.24 0.00	50.46 6.70 0.00
MENANDS___115KV_TB5 355628	37.11 1.60 0.00	33.53 1.23 0.00	32.73 1.23 0.00	31.60 1.16 0.00	31.61 1.13 0.00	31.69 1.07 0.00	30.28 0.91 0.00	40.14 1.36 0.00	41.48 1.56 0.00	48.91 1.75 0.00	58.19 1.64 0.00	67.92 1.85 0.00	72.73 1.84 0.00	82.72 2.02 0.00	94.73 2.76 0.00	127.90 3.32 -24.02	150.62 4.30 -19.71	183.88 5.35 -34.05	152.72 4.37 -23.59	113.42 3.22 -18.08	101.98 2.71 -23.93	93.50 2.32 -22.87	52.29 2.06 0.00	45.64 1.88 0.00
MG INDUSTRY___DRP 24185	37.07 1.56 0.00	33.53 1.23 0.00	32.76 1.26 0.00	31.66 1.22 0.00	31.67 1.19 0.00	31.72 1.10 0.00	30.28 0.91 0.00	40.11 1.32 0.00	41.28 1.36 0.00	48.58 1.41 0.00	57.79 1.24 0.00	67.39 1.32 0.00	70.39 -0.50 0.00	77.62 -0.56 0.00	86.12 -0.18 0.00	75.24 0.20 0.00	93.77 0.38 0.00	109.32 1.01 36.18	100.56 0.87 25.07	85.54 0.83 7.40	79.08 0.83 -2.91	71.98 0.68 -2.99	52.14 1.91 0.00	45.51 1.75 0.00

MID___OSWEGATCHIE_HYD 23849	35.73 -0.14 -0.36	32.45 0.00 -0.15	31.53 -0.06 -0.10	30.41 -0.06 -0.03	30.48 -0.03 -0.03	30.76 0.09 -0.04	29.63 0.26 0.00	39.59 0.16 -0.64	40.28 -0.28 -0.63	47.83 -0.42 -1.09	57.85 -0.45 -1.75	67.83 -0.59 -2.35	72.56 -0.99 -2.66	81.63 -2.34 -3.27	93.17 -2.58 -3.77	101.75 -3.12 -4.31	128.07 -3.67 -5.14	145.41 -4.05 -4.96	126.47 -3.12 -4.83	93.88 -2.12 -3.88	76.58 -1.66 -2.90	70.66 -0.14 -2.49	51.73 0.20 -1.30	44.79 0.09 -0.94
MID___RAQUETTE_HYD 23851	34.27 -1.42 -0.18	31.47 -0.90 -0.08	30.70 -0.85 -0.05	29.63 -0.82 -0.02	29.70 -0.79 -0.02	29.97 -0.67 -0.02	28.87 -0.50 0.00	38.03 -1.09 -0.33	38.41 -1.84 -0.32	45.54 -2.17 -0.55	55.29 -2.15 -0.88	64.41 -2.84 -1.19	68.69 -3.54 -1.34	77.27 -5.08 -1.65	88.08 -5.79 -1.90	96.00 -6.74 -2.17	120.84 -8.36 -2.59	136.73 -10.26 -2.50	118.21 -8.98 -2.43	87.44 -6.63 -1.96	71.46 -5.35 -1.46	66.08 -3.48 -1.25	49.13 -1.76 -0.66	42.79 -1.44 -0.48
MILLIKEN___1 23584	37.53 1.35 -0.67	33.55 0.97 -0.28	32.47 0.79 -0.18	31.29 0.79 -0.06	31.33 0.79 -0.06	31.56 0.86 -0.08	30.37 1.00 0.00	41.57 1.59 -1.20	42.74 1.64 -1.17	51.21 2.03 -2.02	62.01 2.21 -3.25	73.34 2.91 -4.37	79.01 3.19 -4.93	90.48 3.71 -6.06	103.02 4.05 -7.00	112.97 4.42 -7.99	141.83 5.70 -9.53	161.50 7.80 -9.20	141.20 7.49 -8.95	105.21 5.90 -7.20	85.39 4.67 -5.38	76.74 3.83 -4.61	54.80 2.16 -2.41	47.17 1.66 -1.75
MILLIKEN___2 23585	37.53 1.35 -0.67	33.55 0.97 -0.28	32.47 0.79 -0.18	31.29 0.79 -0.06	31.33 0.79 -0.06	31.56 0.86 -0.08	30.37 1.00 0.00	41.57 1.59 -1.20	42.74 1.64 -1.17	51.21 2.03 -2.02	62.01 2.21 -3.25	73.34 2.91 -4.37	79.01 3.19 -4.93	90.48 3.71 -6.06	103.02 4.05 -7.00	112.97 4.42 -7.99	141.83 5.70 -9.53	161.50 7.80 -9.20	141.20 7.49 -8.95	105.21 5.90 -7.20	85.39 4.67 -5.38	76.74 3.83 -4.61	54.80 2.16 -2.41	47.17 1.66 -1.75
MILLIKEN___DIESEL 23629	37.53 1.35 -0.67	33.55 0.97 -0.28	32.47 0.79 -0.18	31.29 0.79 -0.06	31.33 0.79 -0.06	31.56 0.86 -0.08	30.37 1.00 0.00	41.57 1.59 -1.20	42.74 1.64 -1.17	51.21 2.03 -2.02	62.01 2.21 -3.25	73.34 2.91 -4.37	79.01 3.19 -4.93	90.48 3.71 -6.06	103.02 4.05 -7.00	112.97 4.42 -7.99	141.83 5.70 -9.53	161.50 7.80 -9.20	141.20 7.49 -8.95	105.21 5.90 -7.20	85.39 4.67 -5.38	76.74 3.83 -4.61	54.80 2.16 -2.41	47.17 1.66 -1.75
MILLSEAT___LFGE 323607	37.07 1.56 0.00	33.24 0.94 0.00	31.94 0.44 0.00	31.17 0.73 0.00	31.18 0.70 0.00	31.54 0.92 0.00	30.66 1.29 0.00	39.95 1.16 0.00	41.16 1.24 0.00	49.00 1.84 0.00	58.70 2.15 0.00	69.17 3.11 0.00	74.08 3.19 0.00	84.34 3.64 0.00	95.10 3.13 0.00	103.98 3.42 0.00	129.64 3.03 0.00	148.97 4.48 0.00	131.24 5.62 0.00	97.74 5.74 0.00	79.41 4.07 0.00	71.18 2.87 0.00	52.99 2.76 0.00	45.86 2.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.79 2.27 0.00	33.85 1.55 0.00	33.01 1.51 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.97 1.35 0.00	30.66 1.29 0.00	40.96 2.17 0.00	42.52 2.60 0.00	49.95 2.78 0.00	59.32 2.77 0.00	68.97 2.91 0.00	74.29 3.40 0.00	84.82 4.12 0.00	97.13 5.15 0.00	108.26 6.23 -1.46	138.33 8.99 -2.73	157.10 10.55 -2.07	134.68 8.48 -1.43	99.65 5.90 -1.64	82.76 4.67 -2.75	74.90 3.96 -2.64	52.99 2.76 0.00	46.56 2.80 0.00
MILLWOOD_13_KV_LOAD 356217	37.89 2.38 0.00	33.95 1.65 0.00	33.11 1.61 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.75 1.38 0.00	41.08 2.29 0.00	42.68 2.75 0.00	50.18 3.02 0.00	59.60 3.05 0.00	69.31 3.24 0.00	74.72 3.83 0.00	85.47 4.76 0.00	97.77 5.79 0.00	108.96 6.94 -1.46	139.35 10.00 -2.73	158.40 11.85 -2.07	135.80 9.61 -1.43	100.48 6.72 -1.64	83.44 5.35 -2.75	75.45 4.51 -2.64	53.29 3.06 0.00	46.83 3.06 0.00
MODEL_CITY_ENERGY 24167	36.05 0.53 0.00	32.33 0.03 0.00	31.09 -0.41 0.00	30.35 -0.09 0.00	30.33 -0.15 0.00	30.74 0.12 0.00	29.84 0.47 0.00	38.67 -0.12 0.00	39.81 -0.12 0.00	47.50 0.33 0.00	56.89 0.34 0.00	66.99 0.92 0.00	72.38 1.49 0.00	82.32 1.61 0.00	92.71 0.73 0.00	101.36 0.80 0.00	126.11 -0.50 0.00	144.64 0.14 0.00	127.50 2.74 0.00	94.98 2.86 0.00	77.23 1.88 0.00	69.33 1.03 0.00	51.33 1.10 0.00	44.55 0.79 0.00
MODERN_LFGE___ 323580	36.05 0.53 0.00	32.33 0.03 0.00	31.09 -0.41 0.00	30.35 -0.09 0.00	30.33 -0.15 0.00	30.74 0.12 0.00	29.84 0.47 0.00	38.67 -0.12 0.00	39.81 -0.12 0.00	47.50 0.33 0.00	56.89 0.34 0.00	66.99 0.92 0.00	72.38 1.49 0.00	82.32 1.61 0.00	92.71 0.73 0.00	101.36 0.80 0.00	126.11 -0.50 0.00	144.64 0.14 0.00	127.50 2.74 0.00	94.98 2.86 0.00	77.23 1.88 0.00	69.33 1.03 0.00	51.33 1.10 0.00	44.55 0.79 0.00
MOHAWK_PAPER___DRP 24187	37.32 1.81 0.00	33.69 1.39 0.00	32.89 1.39 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.85 1.22 0.00	30.42 1.06 0.00	40.42 1.63 0.00	41.76 1.84 0.00	49.24 2.08 0.00	58.64 2.09 0.00	68.45 2.38 0.00	73.37 2.48 0.00	83.53 2.82 0.00	95.56 3.59 0.00	132.43 4.32 -27.55	155.28 5.57 -23.10	190.32 6.79 -39.04	157.55 5.74 -27.05	116.35 4.24 -20.00	104.56 3.54 -25.68	95.91 3.07 -24.53	52.69 2.46 0.00	45.95 2.19 0.00
MOHICAN___35_KV_115KV_LD 80490	38.14 2.63 0.00	34.40 2.10 0.00	33.45 1.95 0.00	32.20 1.77 0.00	32.28 1.80 0.00	32.37 1.75 0.00	31.10 1.73 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.89 3.73 0.00	60.73 4.18 0.00	71.02 4.96 0.00	76.84 5.95 0.00	87.48 6.78 0.00	100.16 8.19 0.00	124.85 8.85 -15.43	149.18 10.13 -12.44	178.64 12.28 -21.87	150.77 10.85 -15.16	119.12 8.94 -18.06	113.50 7.31 -30.85	104.81 6.90 -29.60	54.40 4.17 0.00	47.18 3.41 0.00
MONGAUP___HYD 23641	37.79 2.27 0.00	33.92 1.61 0.00	33.07 1.57 0.00	31.81 1.37 0.00	31.85 1.37 0.00	32.03 1.41 0.00	30.72 1.35 0.00	40.80 2.02 0.00	42.20 2.27 0.00	49.62 2.45 0.00	58.87 2.32 0.00	68.44 2.37 0.00	74.15 3.26 0.00	83.85 3.14 0.00	95.28 3.31 0.00	103.98 3.42 0.00	134.66 5.95 -2.10	151.86 7.36 0.00	131.24 6.48 0.00	98.59 5.62 -0.86	82.15 4.75 -2.06	74.87 4.58 -1.98	53.19 2.96 0.00	46.43 2.67 0.00
MONTAUK___DIESEL 23721	86.21 5.47 -45.23	54.04 4.23 -17.50	48.89 4.03 -13.36	46.50 3.74 -12.32	42.63 3.66 -8.49	46.34 3.74 -11.99	44.11 3.64 -11.10	54.67 5.59 -10.29	64.96 6.39 -18.65	81.22 7.45 -26.60	68.87 8.71 -3.62	83.98 9.84 -8.07	91.73 8.29 -12.54	118.33 10.25 -27.38	193.65 11.96 -89.72	297.34 11.36 -185.41	268.12 15.70 -125.81	271.94 18.49 -108.95	248.39 14.97 -108.66	219.81 10.78 -116.92	141.91 9.79 -56.78	110.23 8.40 -33.53	73.24 5.88 -17.13	66.86 5.56 -17.54
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.07 2.56 0.00	34.05 1.74 0.00	32.63 1.13 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.09 1.47 0.00	31.60 2.23 0.00	41.00 2.21 0.00	42.64 2.71 0.00	50.98 3.82 0.00	61.07 4.52 0.00	71.88 5.81 0.00	77.77 6.88 0.00	88.78 8.07 0.00	100.16 8.19 0.00	109.41 8.85 0.00	136.11 9.50 0.00	156.05 11.56 0.00	137.11 12.35 0.00	102.34 10.22 0.00	83.33 7.99 0.00	74.66 6.35 0.00	54.75 4.52 0.00	47.44 3.68 0.00

MORTIMER_115KV_TB3 55949	36.51 0.99 0.00	32.91 0.61 0.00	31.78 0.28 0.00	30.87 0.43 0.00	30.97 0.49 0.00	31.05 0.43 0.00	30.22 0.85 0.00	39.49 0.70 0.00	40.88 0.96 0.00	48.58 1.41 0.00	58.13 1.58 0.00	68.58 2.51 0.00	73.87 2.98 0.00	84.26 3.55 0.00	95.38 3.40 0.00	104.38 3.82 0.00	130.41 3.80 0.00	149.55 5.06 0.00	130.87 6.11 0.00	97.09 4.97 0.00	79.03 3.69 0.00	71.04 2.73 0.00	52.19 1.96 0.00	45.12 1.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.07 2.56 0.00	34.05 1.74 0.00	33.17 1.67 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.84 1.47 0.00	41.35 2.56 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.24 3.17 0.00	74.58 3.69 0.00	85.14 4.44 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	83.01 4.90 -2.77	75.06 4.10 -2.66	53.29 3.06 0.00	46.96 3.19 0.00
MUNSVILLE_WIND_PWR 323609	39.98 4.05 -0.42	35.78 3.30 -0.18	34.48 2.87 -0.11	33.34 2.86 -0.04	33.35 2.84 -0.04	33.80 3.12 -0.05	32.68 3.32 0.00	44.31 4.77 -0.76	45.42 4.75 -0.74	54.05 5.61 -1.27	64.94 6.33 -2.06	76.76 7.92 -2.76	82.66 8.65 -3.12	94.63 10.09 -3.84	107.53 11.12 -4.43	117.58 11.96 -5.05	147.95 15.31 -6.03	170.82 20.51 -5.82	149.51 19.09 -5.66	111.72 14.46 -5.14	91.84 11.68 -4.82	82.77 10.18 -4.28	58.33 6.58 -1.52	50.29 5.43 -1.11
N SALMON___HYD 24042	34.30 -1.21 0.00	31.66 -0.65 0.00	30.90 -0.60 0.00	29.92 -0.52 0.00	29.99 -0.49 0.00	30.31 -0.31 0.00	29.31 -0.06 0.00	38.36 -0.43 0.00	39.25 -0.68 0.00	46.41 -0.76 0.00	56.10 -0.45 0.00	65.28 -0.79 0.00	68.41 -2.48 0.00	77.32 -3.39 0.00	87.93 -4.04 0.00	95.94 -4.62 0.00	121.04 -5.57 0.00	137.56 -6.93 0.00	118.53 -6.23 0.00	87.42 -4.69 0.00	71.73 -3.61 0.00	66.32 -1.98 0.00	49.53 -0.70 0.00	43.11 -0.66 0.00
N.AKRON__115KV_KNAPP 355671	37.11 1.60 0.00	33.21 0.90 0.00	31.91 0.41 0.00	31.14 0.70 0.00	31.33 0.85 0.00	31.39 0.77 0.00	30.75 1.38 0.00	39.72 0.93 0.00	41.16 1.24 0.00	49.05 1.89 0.00	58.59 2.04 0.00	69.24 3.17 0.00	74.22 3.33 0.00	84.50 3.79 0.00	95.29 3.31 0.00	104.18 3.62 0.00	129.90 3.29 0.00	149.11 4.62 0.00	131.50 6.74 0.00	97.92 5.80 0.00	79.56 4.22 0.00	71.38 3.07 0.00	52.99 2.76 0.00	45.86 2.10 0.00
N.BELMOR_69_KV_BK1 55787	83.86 3.13 -45.22	52.10 2.29 -17.50	47.12 2.27 -13.36	44.77 2.01 -12.32	40.95 1.98 -8.49	44.66 2.05 -11.99	42.50 2.03 -11.10	52.22 3.14 -10.29	62.20 3.63 -18.64	77.68 3.91 -26.60	64.17 4.02 -3.61	70.36 4.29 0.00	84.81 5.10 -8.81	91.54 6.13 -4.70	108.25 7.45 -8.82	190.06 8.75 -80.75	207.79 12.41 -68.77	250.18 14.45 -91.24	245.14 11.73 -108.65	103.96 8.29 -3.55	96.59 6.55 -14.69	89.30 5.74 -15.26	68.19 4.07 -13.89	65.23 3.94 -17.53
N.E_GEN_SANDY PD 24062	37.57 2.06 0.00	34.64 1.55 -0.79	33.18 1.54 -0.14	31.84 1.40 0.00	31.85 1.37 0.00	31.94 1.32 0.00	34.93 1.18 -4.39	36.22 1.82 4.39	41.96 2.04 0.00	45.53 2.26 3.90	62.60 2.15 -3.90	68.38 2.31 0.00	73.65 2.76 0.00	83.94 3.23 0.00	96.12 4.14 0.00	132.87 5.03 -27.28	142.82 6.83 -9.38	174.74 8.23 -22.02	194.38 6.73 -62.89	160.17 4.79 -63.27	145.44 3.92 -66.18	91.27 3.41 -19.55	62.24 2.66 -9.35	47.00 2.54 -0.70
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.64 2.13 0.00	33.72 1.42 0.00	32.89 1.39 0.00	31.63 1.19 0.00	31.67 1.19 0.00	31.85 1.22 0.00	30.57 1.20 0.00	40.65 1.86 0.00	42.20 2.28 0.00	49.62 2.45 0.00	58.93 2.38 0.00	68.51 2.44 0.00	73.87 2.98 0.00	84.42 3.71 0.00	96.57 4.60 0.00	106.19 5.63 0.00	137.44 8.36 -2.48	154.17 9.68 0.00	132.50 7.74 0.00	98.39 5.34 -0.93	81.78 4.22 -2.22	73.93 3.48 -2.14	52.64 2.41 0.00	46.26 2.49 0.00
N.QUEENS_27_KV_LOAD 356247	38.40 2.88 -0.01	34.31 2.00 -0.01	33.43 1.92 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.34 1.71 -0.01	31.07 1.70 0.00	41.74 2.95 0.00	43.24 3.31 0.00	50.51 3.35 0.00	59.48 2.94 0.01	68.90 2.84 0.01	74.29 3.40 0.00	85.06 4.36 0.01	97.40 5.43 0.01	110.27 6.44 -3.27	139.76 10.38 -2.77	158.43 11.85 -2.10	135.44 9.23 -1.45	99.94 6.17 -1.65	83.33 4.97 -3.02	75.13 4.17 -2.65	53.50 3.26 -0.01	47.31 3.54 -0.01
N.TROY___115KV_TB1 355778	37.47 1.95 0.00	33.82 1.52 0.00	32.98 1.48 0.00	31.81 1.37 0.00	31.85 1.37 0.00	31.94 1.32 0.00	30.54 1.17 0.00	40.57 1.78 0.00	41.92 2.00 0.00	49.43 2.26 0.00	58.87 2.32 0.00	68.64 2.58 0.00	73.80 2.91 0.00	84.18 3.47 0.00	96.30 4.32 0.00	131.07 5.13 -25.38	154.36 6.46 -21.29	188.26 7.80 -35.97	156.30 6.61 -24.92	117.98 4.97 -20.89	109.05 4.14 -29.57	100.29 3.69 -28.29	52.94 2.71 0.00	46.17 2.41 0.00
NARROWS_GT1_1 24228	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT1_2 24229	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT1_3 24230	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT1_4 24231	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT1_5 24232	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01

NARROWS_GT1_6 24233	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT1_7 24234	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT1_8 24235	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_1 24236	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_2 24237	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_3 24238	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_4 24239	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_5 24240	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_6 24241	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_7 24242	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NARROWS_GT2_8 24243	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.30 3.24 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.81 -1.65	82.70 4.60 -2.76	75.26 4.31 -2.65	53.45 3.22 0.00	47.36 3.59 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.89 2.38 0.00	34.17 1.87 0.00	33.39 1.89 0.00	32.23 1.80 0.00	32.28 1.80 0.00	32.37 1.75 0.00	30.87 1.50 0.00	40.73 1.94 0.00	41.92 2.00 0.00	49.33 2.17 0.00	58.64 2.09 0.00	68.45 2.38 0.00	72.52 1.63 0.00	80.16 2.58 3.13	88.42 3.50 7.05	77.96 4.42 27.03	96.64 6.08 36.05	114.13 7.95 38.31	105.70 7.49 26.55	89.60 5.90 8.41	81.80 4.75 -1.71	74.25 4.10 -1.85	53.29 3.06 0.00	46.34 2.58 0.00
NCHELSEA_115KV_TR2 355582	38.07 2.56 0.00	34.11 1.81 0.00	33.26 1.76 0.00	32.02 1.58 0.00	32.03 1.55 0.00	32.27 1.65 0.00	30.89 1.53 0.00	41.15 2.37 0.00	42.76 2.83 0.00	50.32 3.16 0.00	59.77 3.22 0.00	69.64 3.57 0.00	75.14 4.25 0.00	85.95 5.25 0.00	98.41 6.44 0.00	108.21 7.64 0.00	139.70 11.02 -2.07	157.35 12.86 0.00	135.49 10.73 0.00	100.79 7.65 -1.02	83.82 6.03 -2.45	75.79 5.12 -2.36	53.59 3.37 0.00	46.96 3.19 0.00
NEG CAPITAL____MECHNVIL 23645	38.03 2.52 0.00	34.30 2.00 0.00	33.42 1.92 0.00	32.20 1.76 0.00	32.28 1.80 0.00	32.33 1.71 0.00	31.01 1.64 0.00	41.39 2.60 0.00	42.72 2.79 0.00	50.47 3.30 0.00	60.11 3.56 0.00	70.30 4.23 0.00	75.92 5.03 0.00	86.44 5.73 0.00	98.96 6.99 0.00	127.06 7.94 -18.55	151.44 9.62 -15.21	182.48 11.70 -26.30	153.21 10.23 -18.22	118.93 7.83 -18.99	112.29 6.40 -30.55	103.33 5.74 -29.28	54.00 3.77 0.00	46.95 3.19 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.76 0.25 0.00	32.24 -0.06 0.00	31.18 -0.31 0.00	30.26 -0.18 0.00	30.33 -0.15 0.00	30.56 -0.06 0.00	29.57 0.21 0.00	39.10 0.31 0.00	40.28 0.36 0.00	47.87 0.71 0.00	57.40 0.85 0.00	67.59 1.52 0.00	72.87 1.98 0.00	83.05 2.34 0.00	94.09 2.12 0.00	102.88 2.31 0.00	128.89 2.28 0.00	147.82 3.33 0.00	129.00 4.24 0.00	95.53 3.41 0.00	77.75 2.41 0.00	69.94 1.64 0.00	51.13 0.91 0.00	44.20 0.44 0.00

NEG CENTRAL___DRP 24199	37.15 0.96 -0.68	33.17 0.58 -0.29	32.03 0.35 -0.18	30.93 0.43 -0.06	31.00 0.46 -0.06	31.19 0.49 -0.08	30.13 0.76 0.00	41.09 1.09 -1.22	42.32 1.20 -1.20	50.82 1.60 -2.05	61.67 1.81 -3.31	73.09 2.58 -4.45	78.26 2.34 -5.03	89.79 2.91 -6.18	101.87 2.76 -7.13	111.72 3.02 -8.14	139.99 3.67 -9.71	159.07 5.20 -9.38	139.37 5.49 -9.12	103.78 4.33 -7.34	84.14 3.32 -5.48	75.53 2.53 -4.70	53.89 1.21 -2.45	46.29 0.74 -1.78
NEG CENTRAL___INDECK 23768	36.90 1.38 0.00	33.14 0.84 0.00	31.94 0.44 0.00	31.05 0.61 0.00	31.09 0.61 0.00	31.45 0.83 0.00	30.45 1.09 0.00	40.07 1.28 0.00	40.80 0.88 0.00	48.39 1.22 0.00	57.90 1.35 0.00	65.47 -0.60 0.00	70.61 -0.28 0.00	80.30 -0.40 0.00	90.88 -1.10 0.00	100.46 -0.10 0.00	125.10 -1.51 0.00	144.06 -0.43 0.00	126.63 1.87 0.00	95.53 3.41 0.00	78.05 2.71 0.00	70.08 1.77 0.00	52.99 2.76 0.00	45.73 1.97 0.00
NEG CENTRAL___SENECA 23627	37.19 1.31 -0.36	33.33 0.87 -0.15	32.16 0.57 -0.10	31.14 0.67 -0.03	31.21 0.70 -0.03	31.43 0.77 -0.04	30.48 1.12 0.00	40.87 1.44 -0.64	42.08 1.52 -0.63	50.33 2.08 -1.09	60.68 2.38 -1.75	71.79 3.37 -2.36	76.46 2.91 -2.66	87.53 3.55 -3.27	99.06 3.31 -3.78	108.49 3.62 -4.31	136.18 4.43 -5.14	155.52 6.07 -4.97	136.20 6.61 -4.83	101.25 5.25 -3.88	82.31 4.07 -2.90	73.87 3.07 -2.49	53.08 1.56 -1.30	45.71 1.01 -0.94
NEG CENTRAL___STATE_STREET 24147	37.13 0.71 -0.91	33.14 0.45 -0.39	32.03 0.28 -0.25	30.85 0.33 -0.08	30.90 0.34 -0.08	31.13 0.40 -0.11	29.95 0.59 0.00	41.42 1.01 -1.62	42.68 1.16 -1.59	51.41 1.51 -2.74	62.66 1.70 -4.42	74.37 2.38 -5.93	80.14 2.55 -6.70	91.92 2.99 -8.23	104.61 3.13 -9.50	114.83 3.42 -10.84	143.72 4.18 -12.93	162.48 5.49 -12.50	142.40 5.49 -12.15	106.13 4.24 -9.77	85.96 3.32 -7.31	77.16 2.60 -6.26	54.80 1.31 -3.27	46.97 0.83 -2.37
NEG MILLWOOD___DRP 24198	38.18 2.66 0.00	34.21 1.91 0.00	33.36 1.86 0.00	32.08 1.64 0.00	32.10 1.62 0.00	32.34 1.71 0.00	30.98 1.62 0.00	41.35 2.56 0.00	43.00 3.07 0.00	50.65 3.49 0.00	60.28 3.73 0.00	70.23 4.16 0.00	75.78 4.89 0.00	86.84 6.13 0.00	99.33 7.36 0.00	109.41 8.85 0.00	141.49 12.41 -2.47	159.37 14.88 0.00	137.11 12.35 0.00	101.98 8.84 -1.01	84.86 7.08 -2.44	76.60 5.94 -2.35	54.05 3.82 0.00	47.35 3.59 0.00
NEG NORTH_FLCN_SEA 23793	34.45 -1.07 0.00	31.78 -0.52 0.00	31.06 -0.44 0.00	30.07 -0.37 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.48 0.12 0.00	38.75 -0.04 0.00	39.65 -0.28 0.00	46.93 -0.24 0.00	56.72 0.17 0.00	66.07 0.00 0.00	68.55 -2.34 0.00	75.62 -5.08 0.00	86.00 -5.98 0.00	93.93 -6.64 0.00	118.51 -8.10 0.00	134.67 -9.83 0.00	116.03 -8.73 0.00	85.48 -6.63 0.00	70.14 -5.20 0.00	65.78 -2.53 0.00	49.98 -0.25 0.00	43.50 -0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	34.06 -1.46 0.00	31.43 -0.87 0.00	30.71 -0.79 0.00	29.74 -0.70 0.00	29.84 -0.64 0.00	30.13 -0.49 0.00	29.07 -0.29 0.00	38.17 -0.62 0.00	39.01 -0.92 0.00	46.17 -0.99 0.00	55.81 -0.74 0.00	65.01 -1.06 0.00	68.76 -2.13 0.00	76.91 -3.79 0.00	87.47 -4.51 0.00	95.53 -5.03 0.00	120.53 -6.08 0.00	136.98 -7.51 0.00	118.02 -6.74 0.00	86.96 -5.16 0.00	71.35 -3.99 0.00	65.92 -2.39 0.00	49.27 -0.95 0.00	42.89 -0.88 0.00
NEG NORTH___ALICE_FALLS 23915	34.45 -1.07 0.00	31.78 -0.52 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.48 0.12 0.00	38.75 -0.04 0.00	39.65 -0.28 0.00	46.93 -0.24 0.00	56.72 0.17 0.00	66.07 0.00 0.00	69.12 -1.77 0.00	76.51 -4.20 0.00	87.01 -4.97 0.00	95.03 -5.53 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.52 -7.24 0.00	86.59 -5.53 0.00	71.05 -4.29 0.00	66.26 -2.05 0.00	49.98 -0.25 0.00	43.46 -0.31 0.00
NEG NORTH___LWR_SARANAC 23913	34.45 -1.07 0.00	31.78 -0.52 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.48 0.12 0.00	38.75 -0.04 0.00	39.65 -0.28 0.00	46.93 -0.24 0.00	56.72 0.17 0.00	66.07 0.00 0.00	69.12 -1.77 0.00	76.51 -4.20 0.00	87.01 -4.97 0.00	95.03 -5.53 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.52 -7.24 0.00	86.59 -5.53 0.00	71.05 -4.29 0.00	66.26 -2.05 0.00	49.98 -0.25 0.00	43.46 -0.31 0.00
NEG NORTH___PLATTSBURG 23628	34.45 -1.06 0.00	31.78 -0.52 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.18 -0.30 0.00	30.50 -0.12 0.00	29.49 0.12 0.00	38.67 -0.12 0.00	39.65 -0.28 0.00	46.93 -0.23 0.00	56.66 0.11 0.00	66.07 0.00 0.00	68.20 -2.69 0.00	76.51 -4.20 0.00	87.01 -4.97 0.00	95.03 -5.53 0.00	119.90 -6.71 0.00	136.40 -8.09 0.00	117.52 -7.24 0.00	86.68 -5.43 0.00	71.12 -4.22 0.00	66.26 -2.05 0.00	49.98 -0.25 0.00	43.46 -0.30 0.00
NEG WEST_LEA_LOCKPORT 23791	36.26 0.75 0.00	32.43 0.13 0.00	31.18 -0.31 0.00	30.50 0.06 0.00	30.66 0.18 0.00	30.65 0.03 0.00	30.07 0.70 0.00	38.67 -0.12 0.00	40.08 0.16 0.00	47.82 0.66 0.00	57.17 0.62 0.00	67.46 1.39 0.00	72.73 1.84 0.00	82.80 2.10 0.00	93.36 1.38 0.00	101.97 1.41 0.00	126.86 0.25 0.00	145.50 1.01 0.00	128.25 3.49 0.00	95.62 3.50 0.00	77.75 2.41 0.00	69.81 1.50 0.00	51.63 1.41 0.00	44.86 1.09 0.00
NEG WEST___LANCASTR 23811	37.22 1.70 0.00	33.33 1.03 0.00	32.03 0.54 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.45 0.83 0.00	30.78 1.41 0.00	39.83 1.05 0.00	41.32 1.40 0.00	49.29 2.12 0.00	59.04 2.49 0.00	69.64 3.57 0.00	75.28 4.40 0.00	85.87 5.17 0.00	97.03 5.06 0.00	106.19 5.63 0.00	132.18 5.57 0.00	151.71 7.22 0.00	133.24 8.48 0.00	99.12 7.00 0.00	80.54 5.20 0.00	72.20 3.89 0.00	52.99 2.76 0.00	45.95 2.19 0.00
NEG_PENN_ALLEGHNY 23528	37.09 1.17 -0.40	33.25 0.77 -0.17	32.24 0.63 -0.11	31.18 0.70 -0.04	31.19 0.67 -0.04	31.40 0.73 -0.05	30.19 0.82 0.00	40.83 1.32 -0.72	41.95 1.32 -0.71	50.08 1.70 -1.22	60.44 1.92 -1.97	71.16 2.45 -2.65	76.79 2.91 -2.99	87.77 3.39 -3.67	99.80 3.58 -4.24	109.43 4.03 -4.84	137.19 4.81 -5.77	156.28 6.21 -5.58	136.17 5.99 -5.42	101.56 4.70 -4.75	83.23 3.69 -4.20	75.01 3.00 -3.70	53.49 1.81 -1.46	46.26 1.44 -1.06
NEG___GEN_MONROE 24207	37.07 1.56 0.00	33.43 1.13 0.00	32.22 0.72 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.42 0.80 0.00	30.63 1.26 0.00	39.87 1.09 0.00	41.20 1.28 0.00	48.96 1.79 0.00	58.59 2.04 0.00	69.04 2.97 0.00	74.15 3.26 0.00	84.58 3.87 0.00	95.75 3.77 0.00	104.58 4.02 0.00	130.53 3.92 0.00	149.84 5.35 0.00	131.75 6.99 0.00	97.74 5.62 0.00	79.56 4.22 0.00	71.59 3.28 0.00	52.69 2.46 0.00	45.69 1.93 0.00
NEPA___ENERGY 23901	37.22 1.70 0.00	33.37 1.07 0.00	32.07 0.57 0.00	31.32 0.88 0.00	31.39 0.91 0.00	31.48 0.86 0.00	30.81 1.44 0.00	39.91 1.12 0.00	41.36 1.44 0.00	49.38 2.22 0.00	59.09 2.54 0.00	69.64 3.57 0.00	75.28 4.40 0.00	85.79 5.08 0.00	96.94 4.97 0.00	106.09 5.53 0.00	132.18 5.57 0.00	151.57 7.08 0.00	133.12 8.36 0.00	99.12 7.00 0.00	80.61 5.27 0.00	72.20 3.89 0.00	53.04 2.81 0.00	45.99 2.23 0.00

NEVERSINK___HYD 23608	37.22 1.70 0.00	33.37 1.06 0.00	32.54 1.04 0.00	31.29 0.85 0.00	31.33 0.85 0.00	31.51 0.89 0.00	30.22 0.85 0.00	40.22 1.44 0.00	41.72 1.80 0.00	48.63 1.46 0.00	57.79 1.24 0.00	67.39 1.32 0.00	73.01 2.12 0.00	83.09 2.66 0.27	94.77 3.41 0.61	104.88 4.32 0.00	132.69 6.83 0.75	152.87 8.38 0.00	131.87 7.11 0.00	98.23 5.06 -1.05	81.64 3.77 -2.53	74.57 3.82 -2.44	52.44 2.21 0.00	45.86 2.10 0.00
NEWKRMKL_115KV_TB1 55635	36.93 1.42 0.00	33.37 1.07 0.00	32.60 1.10 0.00	31.50 1.07 0.00	31.49 1.01 0.00	31.54 0.92 0.00	30.13 0.76 0.00	39.95 1.16 0.00	41.24 1.32 0.00	48.63 1.46 0.00	57.91 1.36 0.00	67.59 1.52 0.00	72.31 1.42 0.00	82.32 1.61 0.00	94.18 2.21 0.00	97.60 2.82 5.78	121.73 3.55 8.43	140.78 4.48 8.19	122.70 3.62 5.68	98.91 2.67 -4.12	92.17 2.26 -14.57	84.36 1.98 -14.07	51.94 1.71 0.00	45.34 1.58 0.00
NEWTON___FALLS_HYD 23847	35.73 -0.14 -0.36	32.45 0.00 -0.15	31.53 -0.06 -0.10	30.41 -0.06 -0.03	30.48 -0.03 -0.03	30.76 0.09 -0.04	29.63 0.26 0.00	39.59 0.16 -0.64	40.28 -0.28 -0.63	47.83 -0.42 -1.09	57.85 -0.45 -1.75	67.83 -0.59 -2.35	72.56 -0.99 -2.66	81.63 -2.34 -3.27	93.17 -2.58 -3.77	101.75 -3.12 -4.31	128.07 -3.67 -5.14	145.41 -4.05 -4.96	126.47 -3.12 -4.83	93.88 -2.12 -3.88	76.58 -1.66 -2.90	70.66 -0.14 -2.49	51.73 0.20 -1.30	44.79 0.09 -0.94
NGRID_A1_DSASP 323792	35.58 0.07 0.00	31.95 -0.35 0.00	30.74 -0.76 0.00	30.35 -0.09 0.00	30.33 -0.15 0.00	30.37 -0.25 0.00	29.54 0.18 0.00	38.36 -0.43 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.38 -0.17 0.00	66.33 0.27 0.00	71.74 0.85 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.14 1.37 0.00	93.96 1.84 0.00	76.47 1.13 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.15 0.39 0.00
NGRID_A2_DSASP 323793	35.58 0.07 0.00	31.95 -0.35 0.00	30.74 -0.76 0.00	30.35 -0.09 0.00	30.33 -0.15 0.00	30.37 -0.25 0.00	29.54 0.18 0.00	38.36 -0.43 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.38 -0.17 0.00	66.33 0.27 0.00	71.74 0.85 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.14 1.37 0.00	93.96 1.84 0.00	76.47 1.13 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.15 0.39 0.00
NGRID_A4_DSASP 323807	35.58 0.07 0.00	31.95 -0.35 0.00	30.74 -0.76 0.00	30.35 -0.09 0.00	30.33 -0.15 0.00	30.37 -0.25 0.00	29.54 0.18 0.00	38.36 -0.43 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.38 -0.17 0.00	66.33 0.27 0.00	71.74 0.85 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.14 1.37 0.00	93.96 1.84 0.00	76.47 1.13 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.15 0.39 0.00
NIAGARA_115E_LBMP 323715	35.87 0.36 0.00	32.20 -0.10 0.00	30.96 -0.54 0.00	30.19 -0.24 0.00	30.18 -0.30 0.00	30.62 0.00 0.00	29.69 0.32 0.00	38.44 -0.35 0.00	39.56 -0.36 0.00	47.21 0.05 0.00	56.55 0.00 0.00	66.59 0.53 0.00	72.02 1.13 0.00	81.83 1.13 0.00	92.16 0.18 0.00	100.76 0.20 0.00	125.34 -1.27 0.00	143.77 -0.72 0.00	126.63 1.87 0.00	94.42 2.30 0.00	76.85 1.51 0.00	68.92 0.61 0.00	51.03 0.80 0.00	44.33 0.57 0.00
NIAGARA_115W_LBMP 323714	35.48 -0.04 0.00	31.85 -0.45 0.00	30.65 -0.85 0.00	30.29 -0.15 0.00	30.27 -0.21 0.00	30.28 -0.34 0.00	29.49 0.12 0.00	38.24 -0.54 0.00	39.33 -0.60 0.00	46.93 -0.23 0.00	56.21 -0.34 0.00	66.13 0.07 0.00	71.53 0.64 0.00	81.35 0.64 0.00	91.52 -0.46 0.00	100.06 -0.50 0.00	124.33 -2.28 0.00	142.61 -1.88 0.00	125.75 0.99 0.00	93.68 1.56 0.00	76.32 0.98 0.00	68.51 0.21 0.00	50.73 0.50 0.00	44.03 0.26 0.00
NIAGARA_230_LBMP 323716	35.94 0.43 0.00	32.27 -0.03 0.00	31.06 -0.44 0.00	30.47 0.03 0.00	30.48 0.00 0.00	30.68 0.06 0.00	29.87 0.50 0.00	38.75 -0.04 0.00	39.89 -0.04 0.00	47.54 0.38 0.00	57.00 0.45 0.00	67.06 0.99 0.00	72.52 1.63 0.00	82.40 1.70 0.00	92.90 0.92 0.00	101.47 0.90 0.00	126.23 -0.38 0.00	144.78 0.29 0.00	127.50 2.74 0.00	94.98 2.86 0.00	77.38 2.03 0.00	69.40 1.09 0.00	51.38 1.16 0.00	44.55 0.79 0.00
NIAGARA___115KV_198_GIBSON 55903	35.51 0.00 0.00	32.11 -0.19 0.00	30.90 -0.60 0.00	30.26 -0.18 0.00	30.11 -0.37 0.00	30.07 -0.55 0.00	29.51 0.15 0.00	37.97 -0.81 0.00	39.33 -0.60 0.00	46.93 -0.24 0.00	56.10 -0.45 0.00	66.13 0.07 0.00	71.46 0.57 0.00	81.35 0.65 0.00	91.52 -0.46 0.00	100.06 -0.50 0.00	124.33 -2.28 0.00	142.61 -1.88 0.00	125.76 1.00 0.00	93.68 1.57 0.00	76.32 0.98 0.00	68.51 0.20 0.00	50.73 0.50 0.00	44.02 0.26 0.00
NIAGARA____ 23760	35.94 0.43 0.00	32.27 -0.03 0.00	31.06 -0.44 0.00	30.47 0.03 0.00	30.48 0.00 0.00	30.68 0.06 0.00	29.87 0.50 0.00	38.75 -0.04 0.00	39.89 -0.04 0.00	47.54 0.38 0.00	57.00 0.45 0.00	67.06 0.99 0.00	72.52 1.63 0.00	82.40 1.70 0.00	92.90 0.92 0.00	101.47 0.90 0.00	126.23 -0.38 0.00	144.78 0.29 0.00	127.50 2.74 0.00	94.98 2.86 0.00	77.38 2.03 0.00	69.40 1.09 0.00	51.38 1.16 0.00	44.55 0.79 0.00
NINE_MILE_1 23575	28.70 -0.71 6.10	28.93 -0.78 2.60	29.00 -0.85 1.65	29.10 -0.79 0.54	29.14 -0.79 0.54	29.13 -0.76 0.72	28.69 -0.67 0.00	27.09 -0.78 10.93	28.40 -0.80 10.73	27.85 -0.90 18.42	25.69 -1.13 29.73	24.98 -1.19 39.90	24.60 -1.21 45.08	24.00 -1.29 55.41	26.35 -1.65 63.97	25.85 -1.71 73.00	37.28 -2.28 87.06	58.05 -2.32 84.12	41.21 -1.75 81.80	25.13 -1.20 65.78	25.11 -1.05 49.17	25.06 -1.10 42.15	27.26 -0.96 22.01	26.82 -0.96 15.98
NINE_MILE_2 23744	28.61 -0.71 6.19	28.89 -0.78 2.64	28.98 -0.85 1.67	29.10 -0.79 0.55	29.14 -0.79 0.55	29.12 -0.76 0.74	28.69 -0.67 0.00	26.92 -0.78 11.09	28.24 -0.80 10.89	27.57 -0.90 18.69	25.24 -1.13 30.18	24.38 -1.19 40.51	23.92 -1.21 45.76	23.16 -1.29 56.25	25.39 -1.65 64.93	24.75 -1.71 74.10	35.97 -2.28 88.37	56.78 -2.32 85.39	39.98 -1.75 83.03	24.14 -1.20 66.78	24.37 -1.05 49.91	24.42 -1.10 42.79	26.93 -0.96 22.34	26.58 -0.96 16.22
NM_CAPITAL___DRP 24208	37.04 1.53 0.00	33.43 1.13 0.00	32.66 1.17 0.00	31.53 1.10 0.00	31.55 1.07 0.00	31.63 1.01 0.00	30.19 0.82 0.00	40.07 1.28 0.00	41.36 1.44 0.00	48.77 1.60 0.00	58.02 1.47 0.00	67.72 1.65 0.00	72.45 1.56 0.00	82.48 1.78 0.00	94.37 2.39 0.00	121.89 3.02 -18.31	144.78 3.92 -14.24	175.21 4.77 -25.96	146.61 3.87 -17.98	110.04 2.86 -15.07	99.09 2.41 -21.34	90.84 2.12 -20.42	52.14 1.91 0.00	45.51 1.75 0.00
NM_CENTRAL___DRP 24181	36.28 0.18 -0.59	32.52 -0.03 -0.25	31.50 -0.16 -0.16	30.37 -0.12 -0.05	30.44 -0.09 -0.05	30.60 -0.09 -0.07	29.40 0.03 0.00	40.04 0.19 -1.06	41.29 0.32 -1.04	49.43 0.47 -1.79	59.89 0.45 -2.89	70.74 0.79 -3.88	76.19 0.92 -4.38	87.30 1.21 -5.38	99.38 1.20 -6.21	108.96 1.31 -7.09	136.58 1.52 -8.46	154.83 2.17 -8.17	134.95 2.25 -7.95	100.26 1.75 -6.39	81.40 1.28 -4.78	73.29 0.89 -4.09	52.67 0.30 -2.14	45.40 0.09 -1.55

NM_FRONTIER___DRP 24179	35.51 0.00 0.00	32.11 -0.19 0.00	30.90 -0.60 0.00	30.26 -0.18 0.00	30.11 -0.37 0.00	30.07 -0.55 0.00	29.51 0.15 0.00	37.97 -0.81 0.00	39.33 -0.60 0.00	46.93 -0.24 0.00	56.10 -0.45 0.00	66.13 0.07 0.00	71.46 0.57 0.00	81.35 0.65 0.00	91.52 -0.46 0.00	100.06 -0.50 0.00	124.33 -2.28 0.00	142.61 -1.88 0.00	125.76 1.00 0.00	93.68 1.57 0.00	76.32 0.98 0.00	68.51 0.20 0.00	50.73 0.50 0.00	44.02 0.26 0.00
NM_ST_REGIS___HYD 24053	34.09 -1.42 0.00	31.43 -0.87 0.00	30.68 -0.82 0.00	29.65 -0.79 0.00	29.72 -0.76 0.00	30.01 -0.61 0.00	28.96 -0.41 0.00	37.86 -0.93 0.00	38.33 -1.60 0.00	45.33 -1.84 0.00	54.80 -1.75 0.00	63.69 -2.38 0.00	67.70 -3.19 0.00	75.94 -4.76 0.00	86.46 -5.52 0.00	94.23 -6.34 0.00	118.76 -7.85 0.00	134.81 -9.68 0.00	116.28 -8.48 0.00	85.85 -6.26 0.00	70.29 -5.05 0.00	65.10 -3.21 0.00	48.67 -1.56 0.00	42.45 -1.31 0.00
NORTHPORT___1 23551	83.79 3.05 -45.22	52.03 2.23 -17.50	47.03 2.17 -13.36	44.71 1.95 -12.32	40.95 1.98 -8.49	44.60 1.99 -11.99	42.47 2.00 -11.10	52.38 3.30 -10.29	62.16 3.59 -18.64	77.68 3.91 -26.60	63.83 3.67 -3.61	67.28 3.30 2.09	83.50 4.11 -8.50	88.21 4.76 -2.75	91.05 5.89 6.82	158.70 6.84 -51.29	170.43 9.88 -33.94	198.08 11.41 -42.18	218.94 9.23 -84.95	105.17 6.64 -6.42	95.80 5.27 -15.18	86.43 4.44 -13.68	66.54 3.26 -13.05	64.71 3.42 -17.53
NORTHPORT___2 23552	83.79 3.05 -45.22	52.03 2.23 -17.50	47.03 2.17 -13.36	44.71 1.95 -12.32	40.95 1.98 -8.49	44.60 1.99 -11.99	42.47 2.00 -11.10	52.38 3.30 -10.29	62.16 3.59 -18.64	77.68 3.91 -26.60	63.83 3.67 -3.61	67.28 3.30 2.09	83.50 4.11 -8.50	88.21 4.76 -2.75	91.05 5.89 6.82	92.84 6.84 14.56	92.48 9.88 44.01	92.44 11.41 63.46	92.44 9.23 41.55	92.50 6.64 6.25	91.03 5.27 -10.41	86.43 4.44 -13.68	66.54 3.26 -13.05	64.71 3.42 -17.53
NORTHPORT___3 23553	83.43 2.70 -45.22	51.71 1.91 -17.50	46.71 1.86 -13.36	44.34 1.58 -12.32	40.56 1.58 -8.49	44.20 1.59 -11.99	42.11 1.64 -11.10	51.83 2.75 -10.29	61.71 3.15 -18.64	77.26 3.49 -26.60	63.32 3.16 -3.60	67.49 2.98 1.56	83.35 3.97 -8.49	87.96 4.52 -2.74	90.76 5.61 6.83	92.30 6.64 14.90	92.34 9.75 44.02	92.30 11.28 63.47	92.30 9.10 41.56	92.30 6.45 6.26	90.75 5.05 -10.36	86.56 4.58 -13.68	66.35 2.86 -13.26	64.27 2.98 -17.53
NORTHPORT___4 23650	83.43 2.70 -45.22	51.71 1.91 -17.50	46.71 1.86 -13.36	44.34 1.58 -12.32	40.56 1.58 -8.49	44.20 1.59 -11.99	42.11 1.64 -11.10	51.83 2.75 -10.29	61.71 3.15 -18.64	77.26 3.49 -26.60	63.32 3.16 -3.60	67.49 2.98 1.56	83.35 3.97 -8.49	87.96 4.52 -2.74	90.76 5.61 6.83	92.30 6.64 14.90	92.34 9.75 44.02	92.30 11.28 63.47	92.30 9.10 41.56	92.30 6.45 6.26	90.75 5.05 -10.36	86.56 4.58 -13.68	66.35 2.86 -13.26	64.27 2.98 -17.53
NORTHPORT___IC 23718	83.79 3.05 -45.22	52.00 2.20 -17.50	47.03 2.17 -13.36	44.71 1.95 -12.32	40.95 1.98 -8.49	44.63 2.02 -11.99	42.44 1.97 -11.10	52.26 3.18 -10.29	62.16 3.59 -18.64	77.68 3.91 -26.60	63.95 3.79 -3.61	67.28 3.30 2.09	83.28 3.90 -8.50	88.21 4.76 -2.75	90.95 5.79 6.82	92.84 6.84 14.56	92.47 9.88 44.01	92.45 11.41 63.46	92.44 9.23 41.55	92.40 6.54 6.25	91.18 5.42 -10.41	86.43 4.44 -13.68	66.54 3.26 -13.05	64.71 3.41 -17.53
NORTH___COUNTRY_ESR 323785	33.95 -1.56 0.00	31.33 -0.97 0.00	30.62 -0.88 0.00	29.65 -0.79 0.00	29.75 -0.73 0.00	30.04 -0.58 0.00	28.98 -0.38 0.00	37.93 -0.85 0.00	38.89 -1.04 0.00	46.03 -1.13 0.00	55.70 -0.85 0.00	64.88 -1.19 0.00	68.05 -2.84 0.00	76.83 -3.87 0.00	87.38 -4.60 0.00	95.33 -5.23 0.00	120.16 -6.45 0.00	136.54 -7.95 0.00	117.65 -7.11 0.00	86.77 -5.35 0.00	71.20 -4.14 0.00	65.71 -2.60 0.00	49.08 -1.15 0.00	42.71 -1.05 0.00
NPX_GEN_1385_PROXY 323591	53.40 1.99 -15.90	51.16 1.36 -17.50	46.40 1.54 -13.36	44.25 1.49 -12.32	40.74 1.77 -8.49	44.20 1.59 -11.99	46.47 1.61 -15.49	47.64 2.95 -5.91	58.55 2.40 -16.23	64.73 2.50 -15.07	66.94 2.88 -7.50	67.14 3.17 2.09	83.07 3.68 -8.50	88.62 5.17 -2.75	92.70 7.54 6.82	149.00 9.15 -39.29	159.00 12.66 -19.73	182.30 14.89 -22.92	199.00 12.35 -61.89	154.00 9.49 -52.39	123.96 7.69 -40.93	87.66 5.67 -13.68	66.69 3.42 -13.05	63.96 2.67 -17.53
NPX_GEN_CSC 323557	84.37 3.62 -45.23	52.45 2.65 -17.50	47.38 2.52 -13.36	45.01 2.25 -12.32	41.20 2.22 -8.49	44.87 2.27 -11.99	47.15 2.29 -15.49	48.42 3.72 -5.91	62.76 4.19 -18.65	74.49 4.62 -22.70	68.87 4.80 -7.51	79.08 4.96 -8.05	89.17 5.74 -12.54	114.81 6.78 -27.32	189.69 8.18 -89.53	294.87 9.15 -185.16	264.57 12.28 -125.68	267.85 14.45 -108.91	245.28 11.86 -108.66	217.53 8.76 -116.66	139.10 7.08 -56.68	107.94 6.15 -33.48	71.67 4.32 -17.12	65.55 4.24 -17.54
NSINS_S_GLNS_FALLS 23858	38.10 2.59 0.00	34.37 2.07 0.00	33.42 1.92 0.00	32.17 1.74 0.00	32.25 1.77 0.00	32.34 1.71 0.00	31.10 1.73 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.89 3.73 0.00	60.73 4.18 0.00	71.02 4.96 0.00	76.84 5.95 0.00	87.48 6.78 0.00	100.16 8.19 0.00	124.49 8.85 -15.08	148.61 9.88 -12.12	178.00 12.14 -21.37	150.17 10.60 -14.81	118.92 8.84 -17.96	113.54 7.31 -30.89	104.84 6.90 -29.64	54.35 4.12 0.00	47.13 3.37 0.00
NUCOR_STEEL___DRP 24197	37.23 0.75 -0.97	33.20 0.48 -0.41	32.08 0.31 -0.26	30.86 0.33 -0.09	30.90 0.34 -0.09	31.10 0.37 -0.12	29.87 0.50 0.00	41.42 0.89 -1.74	42.63 1.00 -1.71	51.32 1.23 -2.93	62.64 1.36 -4.73	74.33 1.92 -6.35	80.19 2.13 -7.17	92.02 2.50 -8.81	104.72 2.58 -10.17	115.09 2.92 -11.61	144.00 3.55 -13.85	162.78 4.91 -13.38	142.76 4.99 -13.01	106.36 3.78 -10.46	86.10 2.94 -7.82	77.40 2.39 -6.70	54.93 1.21 -3.50	47.09 0.79 -2.54
NUMBER_THREE_WT_PWR 323818	37.15 1.21 -0.43	33.49 1.00 -0.18	32.43 0.82 -0.12	31.30 0.82 -0.04	31.34 0.82 -0.04	31.62 0.95 -0.05	30.48 1.12 0.00	41.03 1.47 -0.77	42.00 1.32 -0.76	49.83 1.37 -1.30	60.11 1.47 -2.10	70.80 1.92 -2.81	75.77 1.70 -3.18	85.58 0.97 -3.91	97.87 1.38 -4.51	106.92 1.21 -5.15	134.65 1.90 -6.14	153.60 3.17 -5.93	133.90 3.37 -5.77	99.52 2.76 -4.64	81.07 2.26 -3.47	74.42 3.14 -2.97	53.94 2.16 -1.55	46.59 1.71 -1.13
NYISO_LBMP_REFERENCE 24008	35.51 0.00 0.00	32.30 0.00 0.00	31.50 0.00 0.00	30.44 0.00 0.00	30.48 0.00 0.00	30.62 0.00 0.00	29.37 0.00 0.00	38.79 0.00 0.00	39.92 0.00 0.00	47.16 0.00 0.00	56.55 0.00 0.00	66.07 0.00 0.00	70.89 0.00 0.00	80.71 0.00 0.00	91.98 0.00 0.00	100.56 0.00 0.00	126.61 0.00 0.00	144.49 0.00 0.00	124.76 0.00 0.00	92.12 0.00 0.00	75.34 0.00 0.00	68.31 0.00 0.00	50.23 0.00 0.00	43.76 0.00 0.00
NYPA_BRENTWD____GT 24164	84.46 3.73 -45.22	52.58 2.78 -17.50	47.53 2.68 -13.36	45.19 2.44 -12.32	41.41 2.44 -8.49	45.06 2.45 -11.99	42.94 2.47 -11.10	53.04 3.96 -10.29	62.88 4.31 -18.64	78.58 4.81 -26.60	65.13 4.98 -3.61	97.87 5.09 -26.71	86.37 5.88 -9.60	97.03 6.86 -9.47	126.09 8.28 -25.83	208.93 8.85 -99.52	219.79 12.41 -80.77	253.90 14.45 -94.96	245.27 11.86 -108.65	127.98 8.47 -27.39	105.66 7.23 -23.09	93.56 6.15 -19.10	79.43 4.57 -24.63	65.76 4.47 -17.53

NYPA_GOWANUS____GT5 24156	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.24 3.17 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.26 9.88 -2.77	157.86 11.28 -2.10	135.07 8.86 -1.45	99.48 5.71 -1.65	82.62 4.52 -2.76	75.19 4.24 -2.65	53.39 3.17 0.00	47.36 3.59 -0.01
NYPA_GOWANUS____GT6 24157	38.43 2.91 -0.01	34.35 2.04 -0.01	33.46 1.95 -0.01	32.12 1.67 -0.01	32.16 1.68 -0.01	32.21 1.59 0.00	31.01 1.64 0.00	41.73 2.95 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.66 3.11 0.00	69.24 3.17 0.00	74.93 4.04 0.00	84.73 4.03 0.01	97.21 5.24 0.01	108.27 6.24 -1.47	139.26 9.88 -2.77	157.86 11.28 -2.10	135.07 8.86 -1.45	99.48 5.71 -1.65	82.62 4.52 -2.76	75.19 4.24 -2.65	53.39 3.17 0.00	47.36 3.59 -0.01
NYPA_HARLEM__RVR__GT1 24160	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.06 1.61 -0.01	32.10 1.61 -0.01	32.22 1.59 -0.01	31.04 1.67 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.20 2.66 0.01	68.57 2.51 0.01	74.15 3.26 0.00	84.73 4.03 0.01	96.93 4.96 0.01	107.97 5.93 -1.47	139.13 9.75 -2.77	157.71 11.13 -2.10	134.94 8.73 -1.45	99.48 5.71 -1.65	82.62 4.52 -2.76	74.85 3.89 -2.65	53.30 3.06 -0.01	47.19 3.42 -0.01
NYPA_HARLEM__RVR__GT2 24161	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.06 1.61 -0.01	32.10 1.61 -0.01	32.22 1.59 -0.01	31.04 1.67 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.20 2.66 0.01	68.57 2.51 0.01	74.15 3.26 0.00	84.73 4.03 0.01	96.93 4.96 0.01	107.97 5.93 -1.47	139.13 9.75 -2.77	157.71 11.13 -2.10	134.94 8.73 -1.45	99.48 5.71 -1.65	82.62 4.52 -2.76	74.85 3.89 -2.65	53.30 3.06 -0.01	47.19 3.42 -0.01
NYPA_KENT____GT 24152	38.32 2.80 0.00	34.28 1.97 0.00	33.39 1.89 0.00	32.03 1.58 0.00	32.07 1.58 0.00	32.15 1.53 0.00	30.98 1.61 0.00	41.70 2.91 0.00	43.24 3.31 0.00	50.66 3.49 0.00	59.55 3.00 0.00	69.11 3.04 0.00	74.64 3.75 0.00	84.73 4.03 0.01	97.12 5.15 0.01	108.17 6.14 -1.47	139.13 9.75 -2.77	157.71 11.13 -2.10	134.81 8.60 -1.45	99.38 5.62 -1.65	82.55 4.44 -2.76	74.99 4.03 -2.65	53.29 3.06 0.00	47.22 3.46 0.00
NYPA_POUCH1____GT 24155	38.36 2.84 -0.01	34.31 2.00 -0.01	33.43 1.92 -0.01	32.06 1.61 -0.01	32.10 1.61 -0.01	32.15 1.53 0.00	30.92 1.56 0.00	41.62 2.83 0.00	43.16 3.23 0.00	50.61 3.44 -0.01	59.43 2.88 0.00	68.97 2.90 0.00	74.64 3.75 0.00	84.41 3.71 0.01	96.84 4.87 0.01	107.86 5.83 -1.47	139.00 9.62 -2.77	157.56 10.98 -2.10	134.81 8.60 -1.45	99.29 5.53 -1.65	82.47 4.37 -2.76	75.06 4.10 -2.65	53.24 3.01 0.00	47.23 3.46 -0.01
NYPA_VERNON____GT2 24162	38.25 2.73 0.00	34.17 1.87 0.00	33.29 1.79 0.00	31.93 1.49 0.00	32.00 1.52 0.00	32.12 1.50 0.00	30.95 1.58 0.00	41.62 2.83 0.00	43.16 3.23 0.00	50.51 3.35 0.00	59.49 2.94 0.00	68.97 2.90 0.00	74.50 3.61 0.00	84.73 4.03 0.01	97.12 5.15 0.01	108.17 6.14 -1.47	139.00 9.62 -2.77	157.56 10.98 -2.10	134.70 8.49 -1.45	99.38 5.62 -1.65	82.55 4.44 -2.76	74.78 3.82 -2.65	53.24 3.01 0.00	47.09 3.32 0.00
NYPA_VERNON____GT3 24163	38.25 2.73 0.00	34.17 1.87 0.00	33.29 1.79 0.00	31.93 1.49 0.00	32.00 1.52 0.00	32.12 1.50 0.00	30.95 1.58 0.00	41.62 2.83 0.00	43.16 3.23 0.00	50.51 3.35 0.00	59.49 2.94 0.00	68.97 2.90 0.00	74.50 3.61 0.00	84.73 4.03 0.01	97.12 5.15 0.01	108.17 6.14 -1.47	139.00 9.62 -2.77	157.56 10.98 -2.10	134.70 8.49 -1.45	99.38 5.62 -1.65	82.55 4.44 -2.76	74.78 3.82 -2.65	53.24 3.01 0.00	47.09 3.32 0.00
NYPA____ASTORIA_CC1 323568	38.18 2.66 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.06 1.44 0.00	30.92 1.56 0.00	41.54 2.75 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.26 2.71 0.01	68.71 2.65 0.01	74.29 3.40 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.86 5.83 -1.47	138.62 9.24 -2.77	157.13 10.54 -2.10	134.44 8.23 -1.45	99.10 5.34 -1.65	82.32 4.22 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
NYPA____ASTORIA_CC2 323569	38.18 2.66 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.06 1.44 0.00	30.92 1.56 0.00	41.54 2.75 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.26 2.71 0.01	68.71 2.65 0.01	74.29 3.40 0.00	84.49 3.79 0.01	96.84 4.87 0.01	107.86 5.83 -1.47	138.62 9.24 -2.77	157.13 10.54 -2.10	134.44 8.23 -1.45	99.10 5.34 -1.65	82.32 4.22 -2.76	74.58 3.62 -2.65	53.09 2.86 0.00	47.00 3.24 0.00
NYPA____HOLTSVILL 23794	84.37 3.62 -45.23	52.48 2.68 -17.50	47.47 2.61 -13.36	45.10 2.34 -12.32	41.29 2.32 -8.49	44.97 2.36 -11.99	42.85 2.38 -11.10	52.88 3.80 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	64.80 4.64 -3.61	78.62 4.56 -8.00	88.89 5.53 -12.47	114.00 6.37 -26.92	187.78 7.73 -88.08	292.51 8.74 -183.20	263.55 12.28 -124.66	267.25 14.17 -108.59	245.14 11.72 -108.66	215.21 8.47 -114.63	138.04 6.78 -55.91	107.34 5.88 -33.16	71.50 4.17 -17.10	65.50 4.20 -17.54
NYPA____HELLGATE_GT1 24158	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.06 1.61 -0.01	32.10 1.61 -0.01	32.22 1.59 -0.01	31.04 1.67 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.20 2.66 0.01	68.57 2.51 0.01	74.15 3.26 0.00	84.73 4.03 0.01	96.93 4.96 0.01	107.97 5.93 -1.47	139.13 9.75 -2.77	157.71 11.13 -2.10	134.94 8.73 -1.45	99.48 5.71 -1.65	82.62 4.52 -2.76	74.85 3.89 -2.65	53.30 3.06 -0.01	47.19 3.42 -0.01
NYPA____HELLGATE_GT2 24159	38.33 2.80 -0.01	34.28 1.97 -0.01	33.40 1.89 -0.01	32.06 1.61 -0.01	32.10 1.61 -0.01	32.22 1.59 -0.01	31.04 1.67 0.00	41.66 2.87 0.00	43.08 3.15 0.00	50.37 3.21 0.00	59.20 2.66 0.01	68.57 2.51 0.01	74.15 3.26 0.00	84.73 4.03 0.01	96.93 4.96 0.01	107.97 5.93 -1.47	139.13 9.75 -2.77	157.71 11.13 -2.10	134.94 8.73 -1.45	99.48 5.71 -1.65	82.62 4.52 -2.76	74.85 3.89 -2.65	53.30 3.06 -0.01	47.19 3.42 -0.01
NYS_BARGE____HYD 23848	36.36 0.85 0.00	32.59 0.29 0.00	31.34 -0.16 0.00	30.62 0.18 0.00	30.63 0.15 0.00	30.99 0.37 0.00	30.10 0.73 0.00	39.10 0.31 0.00	40.24 0.32 0.00	48.01 0.85 0.00	57.45 0.90 0.00	67.72 1.65 0.00	73.16 2.27 0.00	83.12 2.42 0.00	93.72 1.74 0.00	102.37 1.81 0.00	127.50 0.89 0.00	146.23 1.74 0.00	128.87 4.11 0.00	95.99 3.87 0.00	78.05 2.71 0.00	70.02 1.71 0.00	51.84 1.61 0.00	45.03 1.27 0.00
OAK ORCHARD____HYD 24046	36.47 0.96 0.00	32.85 0.55 0.00	31.72 0.22 0.00	30.86 0.43 0.00	30.91 0.43 0.00	31.14 0.52 0.00	30.16 0.79 0.00	39.68 0.89 0.00	40.88 0.96 0.00	48.58 1.41 0.00	58.30 1.75 0.00	68.58 2.51 0.00	73.94 3.05 0.00	84.25 3.55 0.00	95.38 3.41 0.00	104.38 3.82 0.00	130.40 3.79 0.00	149.55 5.05 0.00	130.87 6.11 0.00	97.00 4.88 0.00	79.03 3.69 0.00	70.97 2.66 0.00	52.19 1.96 0.00	45.12 1.36 0.00

OAKDALE___35_KV_LOAD 356122	36.90 0.99 -0.39	33.11 0.65 -0.17	32.11 0.50 -0.11	31.05 0.58 -0.04	31.09 0.58 -0.04	31.25 0.58 -0.05	30.04 0.68 0.00	40.42 0.93 -0.70	41.69 1.08 -0.69	49.77 1.41 -1.19	59.99 1.53 -1.92	70.62 1.98 -2.57	76.13 2.34 -2.90	87.10 2.82 -3.57	99.04 2.94 -4.12	108.48 3.22 -4.70	136.02 3.80 -5.61	154.97 5.06 -5.42	135.02 4.99 -5.27	100.72 3.96 -4.64	82.57 3.09 -4.14	74.42 2.46 -3.65	53.15 1.51 -1.42	46.02 1.23 -1.03
OCC_CHEM___DRP 24175	35.62 0.11 0.00	32.20 -0.10 0.00	30.96 -0.54 0.00	30.32 -0.12 0.00	30.21 -0.27 0.00	30.16 -0.46 0.00	29.60 0.23 0.00	38.05 -0.74 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.27 -0.28 0.00	66.33 0.26 0.00	71.67 0.78 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.13 1.37 0.00	93.96 1.84 0.00	76.55 1.21 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.16 0.39 0.00
OH_GEN_PROXY 24063	35.94 0.43 0.00	32.27 -0.03 0.00	31.09 -0.41 0.00	30.50 0.06 0.00	30.48 0.00 0.00	30.71 0.09 0.00	34.25 0.50 -4.39	34.44 0.04 4.39	39.92 0.00 0.00	43.69 0.42 3.90	60.96 0.51 -3.90	67.12 1.05 0.00	72.66 1.77 0.00	82.56 1.86 0.00	92.99 1.01 0.00	101.67 1.11 0.00	126.48 -0.13 0.00	145.07 0.58 0.00	127.75 2.99 0.00	95.15 3.04 0.00	77.45 2.11 0.00	69.54 1.23 0.00	51.38 1.16 0.00	44.55 0.79 0.00
OLIN_CORP_DRP 24177	35.97 0.46 0.00	32.14 -0.16 0.00	30.90 -0.60 0.00	30.26 -0.18 0.00	30.48 0.00 0.00	30.44 -0.18 0.00	29.81 0.44 0.00	38.24 -0.54 0.00	39.65 -0.28 0.00	47.31 0.14 0.00	56.55 0.00 0.00	66.73 0.66 0.00	72.09 1.21 0.00	82.08 1.37 0.00	92.44 0.46 0.00	100.96 0.40 0.00	125.60 -1.01 0.00	144.06 -0.43 0.00	127.01 2.25 0.00	94.70 2.58 0.00	77.07 1.73 0.00	69.13 0.82 0.00	51.18 0.95 0.00	44.42 0.66 0.00
OLIN_CORP_DSASP 323712	35.58 0.07 0.00	31.95 -0.35 0.00	30.74 -0.76 0.00	30.35 -0.09 0.00	30.33 -0.15 0.00	30.37 -0.25 0.00	29.54 0.18 0.00	38.36 -0.43 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.38 -0.17 0.00	66.33 0.27 0.00	71.74 0.85 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.14 1.37 0.00	93.96 1.84 0.00	76.47 1.13 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.15 0.39 0.00
ONEIDA_HERK_LFGE 323681	37.17 1.42 -0.23	33.53 1.13 -0.10	32.54 0.98 -0.06	31.40 0.94 -0.02	31.45 0.95 -0.02	31.72 1.07 -0.03	30.51 1.14 0.00	40.84 1.63 -0.42	41.98 1.64 -0.41	49.67 1.79 -0.71	59.73 2.03 -1.14	70.18 2.57 -1.54	75.11 2.48 -1.74	85.34 2.50 -2.13	97.47 3.03 -2.46	106.49 3.12 -2.81	134.13 4.17 -3.35	153.51 5.79 -3.24	133.27 5.36 -3.15	98.70 4.05 -2.53	80.55 3.31 -1.89	73.28 3.35 -1.62	53.44 2.36 -0.85	46.26 1.88 -0.62
ONEIDA___115KV_TB4 55905	37.57 1.74 -0.32	33.83 1.39 -0.14	32.78 1.20 -0.09	31.62 1.16 -0.03	31.67 1.16 -0.03	31.88 1.22 -0.04	30.69 1.32 0.00	41.26 1.90 -0.58	42.49 2.00 -0.57	50.49 2.36 -0.97	60.89 2.77 -1.57	71.67 3.50 -2.10	76.31 3.05 -2.37	87.26 3.63 -2.92	99.39 4.05 -3.37	108.63 4.22 -3.85	136.77 5.57 -4.59	156.44 7.51 -4.43	135.93 6.86 -4.31	100.74 5.16 -3.47	82.08 4.14 -2.59	74.15 3.62 -2.22	54.15 2.76 -1.16	46.84 2.23 -0.84
ONONDAGA_REF_OCCRA 23987	36.35 0.11 -0.73	32.52 -0.10 -0.31	31.51 -0.19 -0.20	30.35 -0.15 -0.07	30.39 -0.15 -0.07	30.55 -0.15 -0.09	29.34 -0.03 0.00	40.25 0.16 -1.31	41.45 0.24 -1.29	49.75 0.38 -2.21	60.45 0.34 -3.56	71.58 0.73 -4.78	77.07 0.78 -5.40	88.47 1.13 -6.64	100.74 1.10 -7.67	110.52 1.21 -8.75	138.43 1.39 -10.43	156.59 2.02 -10.08	136.56 2.00 -9.80	101.57 1.57 -7.88	82.36 1.13 -5.89	74.11 0.75 -5.05	53.02 0.15 -2.64	45.63 -0.04 -1.91
ONONDAGA___COGEN 23986	36.92 0.32 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.78 0.03 -0.13	29.51 0.15 0.00	41.16 0.43 -1.94	42.31 0.48 -1.91	50.91 0.47 -3.28	62.18 0.34 -5.29	73.90 0.73 -7.10	79.69 0.78 -8.02	91.62 1.05 -9.86	104.37 1.01 -11.39	114.66 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.21 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84
ONTARIO___LFGE 23819	37.15 1.28 -0.36	33.26 0.81 -0.15	32.10 0.50 -0.10	31.14 0.67 -0.03	31.18 0.67 -0.03	31.49 0.83 -0.04	30.42 1.06 0.00	41.06 1.63 -0.64	42.07 1.52 -0.63	50.32 2.07 -1.09	60.79 2.49 -1.75	71.79 3.37 -2.36	76.53 2.98 -2.66	87.52 3.55 -3.27	99.06 3.31 -3.78	108.49 3.61 -4.31	136.18 4.43 -5.14	155.52 6.07 -4.97	136.20 6.61 -4.83	101.16 5.16 -3.88	82.23 3.99 -2.90	73.87 3.08 -2.49	53.09 1.56 -1.30	45.71 1.01 -0.94
ORANGEVILLE_WT_PWR 323706	36.83 1.31 0.00	33.01 0.71 0.00	31.78 0.28 0.00	31.08 0.64 0.00	31.06 0.58 0.00	31.39 0.77 0.00	30.48 1.12 0.00	39.95 1.16 0.00	41.08 1.16 0.00	48.96 1.79 0.00	58.70 2.15 0.00	69.04 2.98 0.00	74.64 3.75 0.00	84.90 4.19 0.00	95.84 3.86 0.00	104.79 4.22 0.00	130.66 4.05 0.00	149.98 5.49 0.00	131.62 6.86 0.00	98.02 5.90 0.00	79.71 4.37 0.00	71.59 3.28 0.00	52.59 2.36 0.00	45.60 1.84 0.00
ORANGEVILLE___ESR 323794	36.83 1.31 0.00	33.01 0.71 0.00	31.78 0.28 0.00	31.08 0.64 0.00	31.06 0.58 0.00	31.39 0.77 0.00	30.48 1.12 0.00	39.95 1.16 0.00	41.08 1.16 0.00	48.96 1.79 0.00	58.70 2.15 0.00	69.04 2.98 0.00	74.64 3.75 0.00	84.90 4.19 0.00	95.84 3.86 0.00	104.79 4.22 0.00	130.66 4.05 0.00	149.98 5.49 0.00	131.62 6.86 0.00	98.02 5.90 0.00	79.71 4.37 0.00	71.59 3.28 0.00	52.59 2.36 0.00	45.60 1.84 0.00
OSWEGATCHIE___HYD 24044	35.73 -0.14 -0.36	32.45 0.00 -0.15	31.50 -0.09 -0.10	30.41 -0.06 -0.03	30.48 -0.03 -0.03	30.76 0.09 -0.04	29.63 0.26 0.00	39.55 0.12 -0.64	40.28 -0.28 -0.63	47.83 -0.43 -1.09	57.85 -0.45 -1.75	67.83 -0.60 -2.35	72.28 -1.27 -2.66	81.63 -2.34 -3.27	93.17 -2.57 -3.77	101.75 -3.12 -4.31	128.07 -3.68 -5.14	145.41 -4.04 -4.96	126.47 -3.11 -4.83	93.88 -2.12 -3.88	76.58 -1.66 -2.90	70.66 -0.14 -2.49	51.73 0.20 -1.30	44.79 0.09 -0.94
OSWEGO___5 23606	39.63 -0.42 -4.54	33.72 -0.52 -1.93	32.16 -0.57 -1.23	30.33 -0.52 -0.40	30.37 -0.52 -0.40	30.67 -0.49 -0.54	28.96 -0.41 0.00	46.50 -0.43 -8.14	47.48 -0.44 -7.99	60.41 -0.47 -13.72	78.08 -0.62 -22.15	95.20 -0.60 -29.73	103.91 -0.57 -33.59	121.43 -0.56 -41.28	138.80 -0.83 -47.66	154.14 -0.81 -54.39	190.20 -1.27 -64.86	206.16 -1.00 -62.67	185.21 -0.50 -60.94	140.85 -0.28 -49.01	111.68 -0.30 -36.63	99.24 -0.47 -31.40	66.08 -0.55 -16.40	55.09 -0.57 -11.90
OSWEGO___6 23613	39.63 -0.42 -4.54	33.72 -0.52 -1.93	32.16 -0.57 -1.23	30.33 -0.52 -0.40	30.37 -0.52 -0.40	30.67 -0.49 -0.54	28.96 -0.41 0.00	46.50 -0.43 -8.14	47.48 -0.44 -7.99	60.41 -0.47 -13.72	78.08 -0.62 -22.15	95.20 -0.60 -29.73	103.91 -0.57 -33.59	121.43 -0.56 -41.28	138.80 -0.83 -47.66	154.14 -0.81 -54.39	190.20 -1.27 -64.86	206.16 -1.00 -62.67	185.21 -0.50 -60.94	140.85 -0.28 -49.01	111.68 -0.30 -36.63	99.24 -0.47 -31.40	66.08 -0.55 -16.40	55.09 -0.57 -11.90

OUTOKUMPU-AB___DRP 24206	36.83 1.31 0.00	33.04 0.74 0.00	31.72 0.22 0.00	31.05 0.61 0.00	31.09 0.61 0.00	31.08 0.46 0.00	30.51 1.15 0.00	39.29 0.50 0.00	40.76 0.84 0.00	48.72 1.56 0.00	58.08 1.53 0.00	68.38 2.31 0.00	73.94 3.05 0.00	84.26 3.55 0.00	95.01 3.04 0.00	103.78 3.22 0.00	129.14 2.53 0.00	148.10 3.61 0.00	130.50 5.74 0.00	97.09 4.97 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.39 2.16 0.00	45.60 1.84 0.00
OXBOW___BTM 323836	36.26 0.75 0.00	32.50 0.19 0.00	31.25 -0.25 0.00	30.77 0.34 0.00	30.75 0.27 0.00	30.90 0.27 0.00	30.04 0.68 0.00	39.06 0.27 0.00	40.21 0.28 0.00	48.01 0.85 0.00	57.45 0.90 0.00	67.19 1.12 0.00	72.80 1.91 0.00	82.80 2.09 0.00	93.26 1.29 0.00	101.87 1.30 0.00	126.74 0.13 0.00	145.36 0.87 0.00	128.00 3.24 0.00	95.34 3.22 0.00	77.53 2.19 0.00	70.02 1.71 0.00	51.73 1.51 0.00	44.99 1.22 0.00
OXBOW___ 24026	36.29 0.78 0.00	32.69 0.39 0.00	31.40 -0.09 0.00	30.74 0.30 0.00	30.69 0.21 0.00	30.68 0.06 0.00	30.10 0.73 0.00	38.75 -0.04 0.00	40.20 0.28 0.00	48.01 0.85 0.00	57.34 0.79 0.00	67.19 1.12 0.00	72.66 1.77 0.00	82.80 2.10 0.00	93.26 1.29 0.00	101.87 1.31 0.00	126.74 0.13 0.00	145.36 0.87 0.00	128.00 3.24 0.00	95.43 3.32 0.00	77.60 2.26 0.00	70.08 1.78 0.00	51.79 1.56 0.00	44.99 1.23 0.00
OXY_CHEM_DSASP 323612	35.62 0.11 0.00	32.20 -0.10 0.00	30.96 -0.54 0.00	30.32 -0.12 0.00	30.21 -0.27 0.00	30.16 -0.46 0.00	29.60 0.23 0.00	38.05 -0.74 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.27 -0.28 0.00	66.33 0.26 0.00	71.67 0.78 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.13 1.37 0.00	93.96 1.84 0.00	76.55 1.21 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.16 0.39 0.00
OZONE_PARK_ESR 323760	38.46 2.95 0.00	34.34 2.03 0.00	33.45 1.95 0.00	32.08 1.64 0.00	32.13 1.65 0.00	32.34 1.71 0.00	31.10 1.73 0.00	41.81 3.03 0.00	43.44 3.51 0.00	50.98 3.82 0.00	60.45 3.90 0.00	70.16 4.10 0.00	75.57 4.68 0.00	86.35 5.65 0.00	98.97 6.99 0.00	110.09 8.04 -1.48	141.28 11.90 -2.77	160.31 13.73 -2.10	137.19 10.98 -1.45	101.32 7.55 -1.65	84.22 6.10 -2.77	76.09 5.12 -2.66	53.95 3.72 0.00	47.53 3.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.62 0.11 0.00	32.20 -0.10 0.00	30.96 -0.54 0.00	30.32 -0.12 0.00	30.21 -0.27 0.00	30.16 -0.46 0.00	29.60 0.23 0.00	38.05 -0.74 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.27 -0.28 0.00	66.33 0.26 0.00	71.67 0.78 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.13 1.37 0.00	93.96 1.84 0.00	76.55 1.21 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.16 0.39 0.00
PACKARD__115KV_DUPONT_184 80571	35.62 0.11 0.00	32.20 -0.10 0.00	30.96 -0.54 0.00	30.32 -0.12 0.00	30.21 -0.27 0.00	30.16 -0.46 0.00	29.60 0.23 0.00	38.05 -0.74 0.00	39.45 -0.48 0.00	47.07 -0.09 0.00	56.27 -0.28 0.00	66.33 0.26 0.00	71.67 0.78 0.00	81.59 0.89 0.00	91.79 -0.18 0.00	100.36 -0.20 0.00	124.71 -1.90 0.00	143.05 -1.44 0.00	126.13 1.37 0.00	93.96 1.84 0.00	76.55 1.21 0.00	68.72 0.41 0.00	50.88 0.65 0.00	44.16 0.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.33 2.81 -0.01	34.25 1.94 -0.01	33.37 1.86 -0.01	32.03 1.58 -0.01	32.04 1.55 -0.01	32.22 1.59 -0.01	30.92 1.56 0.00	41.50 2.72 0.00	42.96 3.03 0.00	50.23 3.07 0.00	59.20 2.66 0.01	68.50 2.44 0.01	73.87 2.98 0.00	84.57 3.87 0.01	96.75 4.78 0.01	107.87 5.83 -1.47	138.87 9.50 -2.77	157.42 10.84 -2.10	134.57 8.36 -1.45	99.38 5.62 -1.65	82.63 4.52 -2.76	74.72 3.76 -2.65	53.25 3.01 -0.01	47.18 3.41 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.82 3.30 -0.01	34.67 2.36 -0.01	33.81 2.30 -0.01	32.43 1.98 -0.01	32.47 1.98 -0.01	32.62 1.99 -0.01	31.28 1.91 0.00	42.05 3.26 0.00	43.56 3.63 0.00	50.94 3.77 0.00	60.05 3.51 0.01	69.50 3.44 0.01	75.00 4.11 0.00	85.86 5.17 0.01	98.31 6.35 0.01	109.48 7.44 -1.47	141.03 11.65 -2.77	159.88 13.29 -2.10	136.94 10.73 -1.45	101.04 7.28 -1.65	83.98 5.88 -2.76	75.94 4.99 -2.65	54.05 3.82 -0.01	47.80 4.03 -0.01
PATROON__115KV_TB1 80586	37.04 1.53 0.00	33.46 1.16 0.00	32.70 1.20 0.00	31.57 1.13 0.00	31.58 1.10 0.00	31.63 1.01 0.00	30.22 0.85 0.00	40.11 1.32 0.00	41.40 1.48 0.00	48.86 1.70 0.00	58.19 1.64 0.00	67.92 1.85 0.00	72.66 1.77 0.00	82.72 2.02 0.00	94.73 2.76 0.00	109.81 3.32 -5.93	133.64 4.30 -2.73	158.09 5.20 -8.40	134.82 4.24 -5.82	105.37 3.22 -10.03	97.25 2.64 -19.27	89.08 2.25 -18.52	52.14 1.91 0.00	45.51 1.75 0.00
PATTRSNVILLE___SOLAR 323815	37.39 1.88 0.00	33.79 1.49 0.00	32.95 1.45 0.00	31.78 1.34 0.00	31.82 1.34 0.00	31.91 1.29 0.00	30.57 1.20 0.00	40.73 1.94 0.00	41.96 2.04 0.00	49.52 2.36 0.00	59.04 2.49 0.00	68.91 2.84 0.00	74.22 3.33 0.00	84.58 3.87 0.00	96.66 4.69 0.00	115.23 5.43 -9.24	140.16 6.58 -6.97	165.82 8.23 -13.10	141.19 7.36 -9.07	113.78 5.71 -15.95	110.81 4.67 -30.79	102.06 4.17 -29.59	52.94 2.71 0.00	46.12 2.36 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.36 1.85 0.00	33.43 1.13 0.00	32.10 0.60 0.00	31.38 0.94 0.00	31.49 1.01 0.00	31.54 0.92 0.00	30.92 1.56 0.00	39.99 1.20 0.00	41.48 1.56 0.00	49.57 2.41 0.00	59.32 2.77 0.00	70.03 3.96 0.00	75.78 4.89 0.00	86.52 5.81 0.00	97.59 5.61 0.00	106.80 6.23 0.00	132.94 6.33 0.00	152.58 8.09 0.00	134.12 9.36 0.00	99.76 7.65 0.00	80.99 5.65 0.00	72.54 4.24 0.00	53.29 3.06 0.00	46.21 2.45 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.18 2.66 0.00	34.21 1.91 0.00	33.36 1.86 0.00	32.08 1.64 0.00	32.10 1.62 0.00	32.34 1.71 0.00	30.98 1.62 0.00	41.35 2.56 0.00	43.00 3.07 0.00	50.65 3.49 0.00	60.28 3.73 0.00	70.23 4.16 0.00	75.78 4.89 0.00	86.84 6.13 0.00	99.33 7.36 0.00	109.41 8.85 0.00	141.49 12.41 -2.47	159.37 14.88 0.00	137.11 12.35 0.00	101.98 8.84 -1.01	84.86 7.08 -2.44	76.60 5.94 -2.35	54.05 3.82 0.00	47.35 3.59 0.00
PEEKSKILL___ 23653	37.75 2.24 0.00	33.85 1.55 0.00	33.01 1.51 0.00	31.72 1.28 0.00	31.76 1.28 0.00	31.88 1.26 0.00	30.66 1.29 0.00	40.92 2.13 0.00	42.44 2.52 0.00	49.90 2.73 0.00	59.21 2.66 0.00	68.84 2.77 0.00	74.36 3.47 0.00	84.74 4.03 0.00	97.03 5.06 0.00	108.13 6.14 -1.43	138.16 8.86 -2.70	156.93 10.41 -2.03	134.53 8.36 -1.41	99.54 5.81 -1.62	82.66 4.60 -2.73	74.81 3.89 -2.61	52.94 2.71 0.00	46.52 2.76 0.00
PGE MADISON___WINDPWR 24146	39.98 4.05 -0.42	35.78 3.30 -0.18	34.48 2.87 -0.11	33.34 2.86 -0.04	33.35 2.84 -0.04	33.80 3.12 -0.05	32.68 3.32 0.00	44.31 4.77 -0.76	45.42 4.75 -0.74	54.05 5.61 -1.27	64.94 6.33 -2.06	76.76 7.92 -2.76	82.66 8.65 -3.12	94.63 10.09 -3.84	107.53 11.12 -4.43	117.58 11.96 -5.05	147.95 15.31 -6.03	170.82 20.51 -5.82	149.51 19.09 -5.66	111.72 14.46 -5.14	91.84 11.68 -4.82	82.77 10.18 -4.28	58.33 6.58 -1.52	50.29 5.43 -1.11

PIERCEFIELD___HYD 23852	34.27 -1.42 -0.18	31.47 -0.90 -0.08	30.70 -0.85 -0.05	29.63 -0.82 -0.02	29.70 -0.79 -0.02	29.97 -0.67 -0.02	28.87 -0.50 0.00	38.03 -1.09 -0.33	38.41 -1.84 -0.32	45.54 -2.17 -0.55	55.29 -2.15 -0.88	64.41 -2.84 -1.19	68.69 -3.54 -1.34	77.27 -5.08 -1.65	88.08 -5.79 -1.90	96.00 -6.74 -2.17	120.84 -8.36 -2.59	136.73 -10.26 -2.50	118.21 -8.98 -2.43	87.44 -6.63 -1.96	71.46 -5.35 -1.46	66.08 -3.48 -1.25	49.13 -1.76 -0.66	42.79 -1.44 -0.48
PINELAWN_CC_1 323563	84.11 3.38 -45.22	52.29 2.49 -17.50	47.25 2.39 -13.36	44.89 2.13 -12.32	41.11 2.13 -8.49	44.75 2.14 -11.99	42.67 2.20 -11.10	52.57 3.49 -10.29	62.48 3.91 -18.64	78.10 4.34 -26.60	64.62 4.47 -3.61	74.69 4.69 -3.93	85.69 5.74 -9.06	93.62 6.69 -6.22	114.30 8.10 -14.23	194.18 9.25 -84.37	212.24 13.04 -72.59	252.08 15.17 -92.42	245.89 12.47 -108.65	112.10 8.84 -11.14	99.45 7.08 -17.03	90.86 6.08 -16.48	70.02 4.32 -15.47	65.45 4.16 -17.53
PJM_GEN_HTTP_PROXY 323702	38.07 2.56 0.00	34.04 1.74 0.00	33.17 1.67 0.00	31.81 1.37 0.00	31.88 1.40 0.00	32.03 1.41 0.00	35.22 1.47 -4.39	37.04 2.64 4.39	42.96 3.03 0.00	46.52 3.25 3.90	63.61 3.16 -3.90	69.37 3.30 0.00	74.93 4.04 0.00	85.30 4.60 0.00	97.68 5.70 0.00	108.78 6.74 -1.48	139.38 10.00 -2.77	158.15 11.56 -2.10	135.32 9.10 -1.45	99.94 6.17 -1.65	83.01 4.89 -2.77	75.13 4.17 -2.66	53.29 3.06 0.00	46.91 3.15 0.00
PJM_GEN_KEystone 24065	36.90 1.38 0.00	33.07 0.77 0.00	32.10 0.60 0.00	31.08 0.64 0.00	31.09 0.61 0.00	31.26 0.64 0.00	34.58 0.82 -4.39	35.05 1.16 4.90	38.11 1.28 3.09	43.55 1.55 5.17	50.41 1.53 7.67	63.58 1.78 4.27	71.37 2.48 2.00	81.47 2.75 1.99	93.05 3.03 1.95	101.95 3.72 2.33	129.29 4.81 2.13	146.98 5.93 3.44	125.43 5.62 4.95	95.00 4.24 1.36	75.00 3.16 3.50	63.00 2.46 7.76	50.24 1.71 1.70	45.19 1.66 0.23
PJM_GEN_NEPTUNE_PROXY 323594	62.47 2.77 -24.19	43.67 2.00 -9.36	40.60 1.95 -7.14	38.73 1.70 -6.59	36.73 1.71 -4.54	38.75 1.71 -6.41	41.42 1.73 -10.32	42.74 2.83 -1.12	53.13 3.23 -9.97	61.03 3.54 -10.33	65.88 3.51 -5.83	69.70 3.63 0.00	80.14 4.54 -4.71	88.46 5.24 -2.51	103.04 6.34 -4.72	146.64 7.55 -38.53	175.44 10.76 -38.07	206.69 12.43 -49.77	193.65 10.10 -58.79	101.88 7.09 -2.67	89.31 5.58 -8.39	82.48 4.78 -9.40	61.08 3.42 -7.43	56.55 3.42 -9.38
PJM_GEN_VFT_PROXY 323633	37.89 2.38 0.00	33.85 1.55 0.00	32.98 1.48 0.00	31.62 1.19 0.00	31.67 1.19 0.00	31.81 1.19 0.00	35.08 1.32 -4.39	36.85 2.45 4.39	42.72 2.79 0.00	39.52 2.93 10.57	47.67 2.71 11.59	44.28 2.71 24.50	45.77 3.40 28.52	56.22 3.87 28.36	69.03 4.96 27.91	74.67 5.93 31.82	87.74 8.99 47.86	107.92 10.41 46.98	90.64 8.10 42.22	71.21 5.43 26.34	55.29 4.22 24.27	45.42 3.62 26.50	43.56 2.66 9.33	43.35 2.93 3.35
PLATSBURG_115KV_PMLD1 355749	34.41 -1.10 0.00	31.75 -0.55 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.14 -0.34 0.00	30.47 -0.15 0.00	29.46 0.09 0.00	38.67 -0.12 0.00	39.61 -0.32 0.00	46.88 -0.28 0.00	56.66 0.11 0.00	66.00 -0.07 0.00	68.83 -2.06 0.00	76.19 -4.52 0.00	86.73 -5.24 0.00	94.63 -5.93 0.00	119.39 -7.22 0.00	135.68 -8.81 0.00	116.90 -7.86 0.00	86.22 -5.90 0.00	70.67 -4.67 0.00	65.98 -2.32 0.00	49.93 -0.30 0.00	43.46 -0.31 0.00
PLEASANTVLY___LBMP 24000	37.57 2.06 0.00	33.75 1.45 0.00	32.95 1.45 0.00	31.69 1.25 0.00	31.73 1.25 0.00	31.88 1.26 0.00	30.54 1.17 0.00	40.73 1.94 0.00	42.20 2.28 0.00	49.66 2.50 0.00	58.93 2.38 0.00	68.58 2.51 0.00	73.80 2.91 0.00	84.34 3.63 0.00	96.48 4.51 0.00	107.78 5.43 -1.79	137.70 7.85 -3.24	156.27 9.25 -2.53	134.00 7.49 -1.75	99.14 5.16 -1.86	82.58 4.22 -3.02	74.76 3.55 -2.90	52.79 2.56 0.00	46.34 2.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.86 2.34 0.00	33.95 1.65 0.00	33.11 1.61 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.03 1.41 0.00	30.75 1.38 0.00	41.11 2.33 0.00	42.68 2.75 0.00	50.18 3.02 0.00	59.60 3.05 0.00	69.31 3.24 0.00	74.65 3.76 0.00	85.31 4.60 0.00	97.68 5.70 0.00	108.80 6.74 -1.50	139.16 9.75 -2.80	158.03 11.41 -2.12	135.46 9.23 -1.47	100.24 6.45 -1.67	83.26 5.12 -2.80	75.23 4.24 -2.68	53.24 3.01 0.00	46.74 2.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.86 2.34 0.00	33.95 1.65 0.00	33.11 1.61 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.03 1.41 0.00	30.75 1.38 0.00	41.11 2.33 0.00	42.68 2.75 0.00	50.18 3.02 0.00	59.60 3.05 0.00	69.31 3.24 0.00	74.65 3.76 0.00	85.31 4.60 0.00	97.68 5.70 0.00	108.80 6.74 -1.50	139.16 9.75 -2.80	158.03 11.41 -2.12	135.46 9.23 -1.47	100.24 6.45 -1.67	83.26 5.12 -2.80	75.23 4.24 -2.68	53.24 3.01 0.00	46.74 2.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.93 2.41 0.00	34.01 1.71 0.00	33.20 1.70 0.00	31.93 1.49 0.00	31.97 1.49 0.00	32.18 1.56 0.00	30.81 1.44 0.00	41.04 2.25 0.00	42.60 2.67 0.00	50.09 2.92 0.00	59.49 2.94 0.00	69.31 3.24 0.00	74.79 3.90 0.00	85.47 4.76 0.00	97.86 5.89 0.00	109.26 7.04 -1.66	139.32 10.13 -2.58	158.69 11.85 -2.35	136.37 9.98 -1.63	101.00 7.00 -1.88	84.09 5.58 -3.17	76.06 4.71 -3.04	53.39 3.16 0.00	46.78 3.02 0.00
POLETTI____ 23519	38.00 2.49 0.00	33.95 1.65 0.00	33.11 1.61 0.00	31.78 1.34 0.00	31.79 1.31 0.00	32.00 1.38 0.00	30.78 1.41 0.00	41.31 2.52 0.00	42.92 2.99 0.00	50.32 3.16 0.00	59.60 3.05 0.00	69.17 3.11 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.00 9.62 -2.77	157.71 11.13 -2.10	134.95 8.73 -1.45	99.67 5.90 -1.65	82.86 4.75 -2.77	74.93 3.96 -2.66	53.19 2.96 0.00	46.91 3.15 0.00
POMONA___ESR 323819	37.64 2.13 0.00	33.76 1.45 0.00	32.92 1.42 0.00	31.62 1.19 0.00	31.67 1.19 0.00	31.81 1.19 0.00	30.60 1.23 0.00	40.69 1.90 0.00	42.20 2.27 0.00	49.66 2.50 0.00	58.87 2.32 0.00	68.51 2.45 0.00	74.08 3.19 0.00	84.42 3.71 0.00	96.57 4.60 0.00	106.19 5.63 0.00	137.44 8.35 -2.48	154.17 9.68 0.00	132.50 7.74 0.00	98.38 5.34 -0.93	81.71 4.14 -2.22	73.93 3.48 -2.14	52.64 2.41 0.00	46.25 2.49 0.00
PORT_JEFF_3 23555	84.44 3.69 -45.23	52.55 2.74 -17.50	47.50 2.65 -13.36	45.13 2.38 -12.32	41.32 2.35 -8.49	45.00 2.39 -11.99	42.88 2.41 -11.10	52.96 3.88 -10.29	62.85 4.27 -18.65	78.48 4.72 -26.60	64.92 4.75 -3.62	78.49 4.49 -7.92	88.98 5.46 -12.63	114.79 6.21 -27.87	191.01 7.54 -91.49	296.91 8.54 -187.80	265.71 12.03 -127.06	267.70 13.87 -109.34	244.77 11.35 -108.66	219.72 8.20 -119.40	139.61 6.55 -57.71	107.97 5.74 -33.93	71.42 4.12 -17.07	65.59 4.29 -17.54
PORT_JEFF_4 23616	84.44 3.69 -45.23	52.55 2.74 -17.50	47.50 2.65 -13.36	45.13 2.38 -12.32	41.32 2.35 -8.49	45.00 2.39 -11.99	42.88 2.41 -11.10	52.96 3.88 -10.29	62.85 4.27 -18.65	78.48 4.72 -26.60	64.92 4.75 -3.62	78.49 4.49 -7.92	88.98 5.46 -12.63	114.79 6.21 -27.87	191.01 7.54 -91.49	296.91 8.54 -187.80	265.71 12.03 -127.06	267.70 13.87 -109.34	244.77 11.35 -108.66	219.72 8.20 -119.40	139.61 6.55 -57.71	107.97 5.74 -33.93	71.42 4.12 -17.07	65.59 4.29 -17.54

PORT_JEFF_IC 23713	84.51 3.76 -45.24	52.58 2.78 -17.50	47.53 2.68 -13.36	45.16 2.40 -12.32	41.35 2.38 -8.49	45.06 2.45 -11.99	42.88 2.41 -11.10	52.88 3.80 -10.29	62.93 4.35 -18.65	78.58 4.81 -26.60	65.15 4.98 -3.62	78.17 4.76 -7.34	89.70 5.60 -13.21	118.34 6.21 -31.42	203.56 7.45 -104.13	314.16 8.75 -204.85	274.74 12.15 -135.98	270.76 14.16 -112.11	244.90 11.48 -108.66	237.35 8.11 -137.12	146.44 6.71 -64.39	111.03 5.94 -36.78	71.39 4.32 -16.84	65.73 4.42 -17.54
PPL PILGRIM_ST_GT1 24216	84.46 3.73 -45.22	52.58 2.78 -17.50	47.53 2.68 -13.36	45.19 2.44 -12.32	41.41 2.44 -8.49	45.06 2.45 -11.99	42.94 2.47 -11.10	53.04 3.96 -10.29	62.88 4.31 -18.64	78.58 4.81 -26.60	65.13 4.98 -3.61	97.87 5.09 -26.71	86.37 5.88 -9.60	97.03 6.86 -9.47	126.09 8.28 -25.83	208.93 8.85 -99.52	219.79 12.41 -80.77	253.90 14.45 -94.96	245.27 11.86 -108.65	127.98 8.47 -27.39	105.66 7.23 -23.09	93.56 6.15 -19.10	79.43 4.57 -24.63	65.76 4.47 -17.53
PPL PILGRIM_ST_GT2 24217	84.46 3.73 -45.22	52.58 2.78 -17.50	47.53 2.68 -13.36	45.19 2.44 -12.32	41.41 2.44 -8.49	45.06 2.45 -11.99	42.94 2.47 -11.10	53.04 3.96 -10.29	62.88 4.31 -18.64	78.58 4.81 -26.60	65.13 4.98 -3.61	97.87 5.09 -26.71	86.37 5.88 -9.60	97.03 6.86 -9.47	126.09 8.28 -25.83	208.93 8.85 -99.52	219.79 12.41 -80.77	253.90 14.45 -94.96	245.27 11.86 -108.65	127.98 8.47 -27.39	105.66 7.23 -23.09	93.56 6.15 -19.10	79.43 4.57 -24.63	65.76 4.47 -17.53
PPL_SHRM_GT3 24213	84.40 3.66 -45.23	52.48 2.68 -17.50	47.44 2.58 -13.36	45.07 2.31 -12.32	41.26 2.29 -8.49	44.91 2.30 -11.99	42.79 2.32 -11.10	52.88 3.80 -10.29	62.80 4.23 -18.65	78.44 4.67 -26.60	65.08 4.92 -3.62	79.03 5.02 -7.94	89.41 5.81 -12.71	116.01 6.94 -28.37	193.59 8.37 -93.25	300.09 9.35 -190.18	267.57 12.66 -128.30	269.10 14.89 -109.72	245.66 12.23 -108.66	222.92 8.93 -121.87	141.22 7.23 -58.64	108.91 6.28 -34.32	71.73 4.42 -17.08	65.64 4.33 -17.54
PPL_SHRM_GT4 24214	84.40 3.66 -45.23	52.48 2.68 -17.50	47.44 2.58 -13.36	45.07 2.31 -12.32	41.26 2.29 -8.49	44.91 2.30 -11.99	42.79 2.32 -11.10	52.88 3.80 -10.29	62.80 4.23 -18.65	78.44 4.67 -26.60	65.08 4.92 -3.62	79.03 5.02 -7.94	89.41 5.81 -12.71	116.01 6.94 -28.37	193.59 8.37 -93.25	300.09 9.35 -190.18	267.57 12.66 -128.30	269.10 14.89 -109.72	245.66 12.23 -108.66	222.92 8.93 -121.87	141.22 7.23 -58.64	108.91 6.28 -34.32	71.73 4.42 -17.08	65.64 4.33 -17.54
PROJECT___ORANGE 1 24174	36.28 0.18 -0.59	32.52 -0.03 -0.25	31.53 -0.13 -0.16	30.40 -0.09 -0.05	30.44 -0.09 -0.05	30.63 -0.06 -0.07	29.40 0.03 0.00	40.08 0.23 -1.06	41.28 0.32 -1.04	49.47 0.52 -1.78	59.94 0.51 -2.88	70.79 0.86 -3.87	76.25 0.99 -4.37	87.37 1.29 -5.37	99.46 1.29 -6.20	109.05 1.41 -7.08	136.69 1.65 -8.44	154.96 2.31 -8.15	134.93 2.25 -7.93	100.33 1.84 -6.38	81.46 1.36 -4.77	73.35 0.96 -4.09	52.66 0.30 -2.13	45.40 0.09 -1.55
PROJECT___ORANGE 2 24166	36.28 0.18 -0.59	32.52 -0.03 -0.25	31.53 -0.13 -0.16	30.40 -0.09 -0.05	30.44 -0.09 -0.05	30.63 -0.06 -0.07	29.40 0.03 0.00	40.08 0.23 -1.06	41.28 0.32 -1.04	49.47 0.52 -1.78	59.94 0.51 -2.88	70.79 0.86 -3.87	76.25 0.99 -4.37	87.37 1.29 -5.37	99.46 1.29 -6.20	109.05 1.41 -7.08	136.69 1.65 -8.44	154.96 2.31 -8.15	134.93 2.25 -7.93	100.33 1.84 -6.38	81.46 1.36 -4.77	73.35 0.96 -4.09	52.66 0.30 -2.13	45.40 0.09 -1.55
PUCKETT___SOLAR 323809	37.60 1.70 -0.39	33.72 1.26 -0.17	32.64 1.04 -0.10	31.57 1.09 -0.03	31.61 1.10 -0.03	31.86 1.19 -0.05	30.63 1.26 0.00	41.34 1.86 -0.69	42.44 1.84 -0.68	50.51 2.17 -1.17	60.76 2.32 -1.89	71.51 2.90 -2.54	77.16 3.40 -2.87	88.18 3.95 -3.52	100.37 4.32 -4.07	110.03 4.83 -4.64	138.22 6.08 -5.54	158.07 8.23 -5.35	138.07 8.10 -5.20	103.15 6.35 -4.68	84.70 5.05 -4.32	76.37 4.24 -3.83	54.29 2.66 -1.40	46.96 2.19 -1.02
PYRITES___HYD 24023	34.76 -0.92 -0.17	31.95 -0.42 -0.07	31.13 -0.41 -0.05	30.06 -0.40 -0.01	30.16 -0.34 -0.01	30.46 -0.18 -0.02	29.40 0.03 0.00	38.74 -0.35 -0.30	39.22 -1.00 -0.29	46.44 -1.23 -0.50	56.40 -0.96 -0.81	65.77 -1.39 -1.09	70.35 -1.77 -1.23	79.31 -2.91 -1.51	90.32 -3.40 -1.75	98.33 -4.22 -2.00	123.55 -5.44 -2.38	139.57 -7.22 -2.30	120.88 -6.11 -2.24	89.40 -4.51 -1.80	73.14 -3.54 -1.34	67.41 -2.05 -1.15	49.88 -0.95 -0.60	43.37 -0.83 -0.44
QUAKERRD_115KV_BK1 80622	35.62 0.11 0.00	32.14 -0.16 0.00	31.09 -0.41 0.00	30.13 -0.30 0.00	30.24 -0.24 0.00	30.31 -0.31 0.00	29.48 0.12 0.00	38.63 -0.16 0.00	39.96 0.04 0.00	47.49 0.33 0.00	56.89 0.34 0.00	66.99 0.92 0.00	72.09 1.21 0.00	82.24 1.53 0.00	93.26 1.29 0.00	101.97 1.41 0.00	127.75 1.14 0.00	146.51 2.02 0.00	127.75 2.99 0.00	94.70 2.58 0.00	77.15 1.81 0.00	69.33 1.02 0.00	50.83 0.60 0.00	43.94 0.18 0.00
QUENSBRY_115KV_TB8 356137	38.14 2.63 0.00	34.37 2.07 0.00	33.42 1.92 0.00	32.14 1.70 0.00	32.25 1.77 0.00	32.30 1.68 0.00	31.10 1.73 0.00	41.74 2.95 0.00	43.16 3.23 0.00	50.98 3.82 0.00	60.90 4.35 0.00	71.22 5.15 0.00	77.13 6.24 0.00	87.73 7.02 0.00	100.44 8.46 0.00	124.49 9.15 -14.77	148.59 10.13 -11.85	177.85 12.43 -20.94	150.12 10.85 -14.51	119.10 9.12 -17.87	113.72 7.46 -30.92	105.08 7.10 -29.67	54.40 4.17 0.00	47.18 3.41 0.00
RAMAPO___LBMP 323565	37.50 1.99 0.00	33.63 1.32 0.00	32.79 1.29 0.00	31.53 1.10 0.00	31.58 1.10 0.00	31.75 1.13 0.00	30.48 1.12 0.00	40.57 1.78 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.31 2.25 0.00	73.58 2.69 0.00	84.09 3.39 0.00	96.21 4.23 0.00	105.69 5.13 0.00	136.78 7.72 -2.45	153.45 8.96 0.00	131.87 7.11 0.00	98.01 4.97 -0.92	81.47 3.92 -2.21	73.71 3.28 -2.13	52.49 2.26 0.00	46.12 2.36 0.00
RANKINE____ 23646	37.15 1.63 0.00	33.30 1.00 0.00	31.97 0.47 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.39 0.77 0.00	30.78 1.41 0.00	39.76 0.97 0.00	41.24 1.32 0.00	49.29 2.12 0.00	58.98 2.43 0.00	69.57 3.50 0.00	75.21 4.32 0.00	85.79 5.08 0.00	96.76 4.78 0.00	105.79 5.23 0.00	131.67 5.06 0.00	150.99 6.50 0.00	132.87 8.11 0.00	98.93 6.82 0.00	80.39 5.05 0.00	72.06 3.76 0.00	53.09 2.86 0.00	46.04 2.28 0.00
RAVENSWOOD_GT2_1 24244	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.17 3.11 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.00 9.62 -2.77	157.71 11.13 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.86 4.75 -2.77	75.00 4.03 -2.66	53.24 3.01 0.00	46.96 3.19 0.00
RAVENSWOOD_GT2_2 24245	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.17 3.11 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.00 9.62 -2.77	157.71 11.13 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.86 4.75 -2.77	75.00 4.03 -2.66	53.24 3.01 0.00	46.96 3.19 0.00

RAVENSWOOD_GT2_3 24246	38.10 2.59 0.00	34.05 1.74 0.00	33.20 1.70 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.84 1.47 0.00	41.39 2.60 0.00	43.00 3.07 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.24 3.17 0.00	74.58 3.69 0.00	85.06 4.36 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	82.93 4.82 -2.77	75.06 4.10 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
RAVENSWOOD_GT2_4 24247	38.10 2.59 0.00	34.05 1.74 0.00	33.20 1.70 0.00	31.87 1.43 0.00	31.88 1.40 0.00	32.09 1.47 0.00	30.84 1.47 0.00	41.39 2.60 0.00	43.00 3.07 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.24 3.17 0.00	74.58 3.69 0.00	85.06 4.36 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	82.93 4.82 -2.77	75.06 4.10 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
RAVENSWOOD_GT3_1 24248	38.07 2.56 0.00	34.05 1.74 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.88 1.40 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.17 3.11 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.13 9.75 -2.77	157.71 11.13 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.93 4.82 -2.77	75.00 4.03 -2.66	53.24 3.01 0.00	47.00 3.24 0.00
RAVENSWOOD_GT3_2 24249	38.07 2.56 0.00	34.05 1.74 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.88 1.40 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.17 3.11 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.13 9.75 -2.77	157.71 11.13 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.93 4.82 -2.77	75.00 4.03 -2.66	53.24 3.01 0.00	47.00 3.24 0.00
RAVENSWOOD_GT3_3 24250	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.91 1.43 0.00	32.12 1.50 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.04 3.11 0.00	50.51 3.35 0.00	59.83 3.28 0.00	69.37 3.30 0.00	74.65 3.76 0.00	85.22 4.52 0.00	97.68 5.70 0.00	108.78 6.74 -1.48	139.38 10.00 -2.77	158.15 11.56 -2.10	135.32 9.11 -1.45	99.94 6.17 -1.65	83.09 4.97 -2.77	75.13 4.17 -2.66	53.39 3.16 0.00	47.09 3.33 0.00
RAVENSWOOD_GT3_4 24251	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.91 1.43 0.00	32.12 1.50 0.00	30.87 1.50 0.00	41.46 2.68 0.00	43.04 3.11 0.00	50.51 3.35 0.00	59.83 3.28 0.00	69.37 3.30 0.00	74.65 3.76 0.00	85.22 4.52 0.00	97.68 5.70 0.00	108.78 6.74 -1.48	139.38 10.00 -2.77	158.15 11.56 -2.10	135.32 9.11 -1.45	99.94 6.17 -1.65	83.09 4.97 -2.77	75.13 4.17 -2.66	53.39 3.16 0.00	47.09 3.33 0.00
RAVENSWOOD_GT_1 23729	38.21 2.70 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.93 1.49 0.00	31.97 1.49 0.00	32.15 1.53 0.00	30.89 1.53 0.00	41.58 2.79 0.00	43.16 3.23 0.00	50.51 3.35 0.00	59.55 3.00 0.00	68.97 2.91 0.00	74.29 3.40 0.00	84.73 4.04 0.01	97.12 5.15 0.01	108.17 6.13 -1.47	139.00 9.62 -2.77	157.57 10.98 -2.10	134.70 8.48 -1.45	99.38 5.62 -1.65	82.63 4.52 -2.76	74.78 3.83 -2.65	53.19 2.96 0.00	47.09 3.33 0.00
RAVENSWOOD_GT_10 24258	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.24 3.17 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.93 4.82 -2.77	74.99 4.03 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
RAVENSWOOD_GT_11 24259	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.24 3.17 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.93 4.82 -2.77	74.99 4.03 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
RAVENSWOOD_GT_4 24252	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.35 2.56 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.31 3.24 0.00	74.58 3.69 0.00	85.14 4.44 0.01	97.58 5.61 0.00	108.57 6.54 -1.47	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	83.00 4.90 -2.77	75.06 4.10 -2.65	53.29 3.06 0.00	46.96 3.19 0.00
RAVENSWOOD_GT_5 24254	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.35 2.56 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.31 3.24 0.00	74.58 3.69 0.00	85.14 4.44 0.01	97.58 5.61 0.00	108.57 6.54 -1.47	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	83.00 4.90 -2.77	75.06 4.10 -2.65	53.29 3.06 0.00	46.96 3.19 0.00
RAVENSWOOD_GT_6 24253	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.35 2.56 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.31 3.24 0.00	74.58 3.69 0.00	85.14 4.44 0.01	97.58 5.61 0.00	108.57 6.54 -1.47	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	83.00 4.90 -2.77	75.06 4.10 -2.65	53.29 3.06 0.00	46.96 3.19 0.00
RAVENSWOOD_GT_7 24255	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.35 2.56 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.72 3.17 0.00	69.31 3.24 0.00	74.58 3.69 0.00	85.14 4.44 0.01	97.58 5.61 0.00	108.57 6.54 -1.47	139.13 9.75 -2.77	157.86 11.27 -2.10	135.20 8.98 -1.45	99.85 6.08 -1.65	83.00 4.90 -2.77	75.06 4.10 -2.65	53.29 3.06 0.00	46.96 3.19 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.24 3.17 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.93 4.82 -2.77	74.99 4.03 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
RAVENSWOOD_GT_9 24257	38.07 2.56 0.00	34.01 1.71 0.00	33.17 1.67 0.00	31.84 1.40 0.00	31.85 1.37 0.00	32.06 1.44 0.00	30.84 1.47 0.00	41.39 2.60 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.66 3.11 0.00	69.24 3.17 0.00	74.51 3.62 0.00	85.06 4.36 0.00	97.49 5.52 0.00	108.58 6.54 -1.48	139.13 9.75 -2.77	157.86 11.27 -2.10	135.07 8.86 -1.45	99.76 5.99 -1.65	82.93 4.82 -2.77	74.99 4.03 -2.66	53.29 3.06 0.00	47.00 3.24 0.00

RAVENSWOOD___1 23533	38.21 2.70 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.93 1.49 0.00	31.97 1.49 0.00	32.09 1.47 0.00	30.92 1.56 0.00	41.58 2.79 0.00	43.12 3.20 0.00	50.47 3.30 0.00	59.49 2.94 0.00	68.91 2.84 0.00	74.50 3.61 0.00	84.73 4.03 0.01	97.12 5.15 0.01	108.17 6.14 -1.47	138.88 9.50 -2.77	157.43 10.84 -2.10	134.70 8.49 -1.45	99.38 5.62 -1.65	82.47 4.37 -2.76	74.78 3.82 -2.65	53.19 2.96 0.00	47.05 3.28 0.00
RAVENSWOOD___2 23534	38.18 2.66 0.00	34.14 1.84 0.00	33.26 1.76 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.06 1.44 0.00	30.92 1.56 0.00	41.58 2.79 0.00	43.12 3.20 0.00	50.47 3.30 0.00	59.43 2.88 0.00	68.91 2.84 0.00	74.43 3.54 0.00	84.73 4.03 0.01	97.02 5.06 0.01	108.07 6.03 -1.47	138.88 9.50 -2.77	157.43 10.84 -2.10	134.70 8.49 -1.45	99.29 5.53 -1.65	82.47 4.37 -2.76	74.71 3.75 -2.65	53.19 2.96 0.00	47.05 3.28 0.00
RAVENSWOOD___3 23535	38.07 2.56 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.84 1.40 0.00	31.88 1.40 0.00	32.03 1.41 0.00	30.86 1.50 0.00	41.43 2.64 0.00	42.96 3.03 0.00	50.42 3.25 0.00	59.60 3.05 0.00	69.17 3.11 0.00	74.72 3.83 0.00	85.06 4.36 0.00	97.40 5.43 0.00	108.48 6.44 -1.48	139.13 9.75 -2.77	157.71 11.13 -2.10	135.07 8.86 -1.45	99.75 5.98 -1.65	82.79 4.67 -2.77	74.99 4.03 -2.66	53.29 3.06 0.00	47.00 3.24 0.00
RAVENSWOOD___4 23820	38.18 2.66 0.00	34.11 1.81 0.00	33.26 1.76 0.00	31.90 1.46 0.00	31.94 1.46 0.00	32.06 1.44 0.00	30.89 1.53 0.00	41.54 2.75 0.00	43.08 3.15 0.00	50.46 3.30 0.00	59.43 2.88 0.00	68.91 2.84 0.00	74.43 3.54 0.00	84.65 3.95 0.01	97.02 5.06 0.01	108.07 6.03 -1.47	138.75 9.37 -2.77	157.43 10.84 -2.10	134.57 8.36 -1.45	99.29 5.53 -1.65	82.47 4.37 -2.76	74.71 3.75 -2.65	53.14 2.91 0.00	47.04 3.28 0.00
RCPL_TRUST___DRP 24196	38.10 2.59 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.87 1.43 0.00	31.91 1.43 0.00	32.12 1.50 0.00	30.89 1.53 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.56 3.40 0.00	59.94 3.39 0.00	69.57 3.50 0.00	74.93 4.04 0.00	85.55 4.84 0.00	98.05 6.07 0.00	109.18 7.14 -1.48	139.76 10.38 -2.77	158.58 11.99 -2.10	135.82 9.61 -1.45	100.22 6.45 -1.65	83.31 5.20 -2.77	75.34 4.37 -2.66	53.39 3.16 0.00	47.04 3.28 0.00
RED___ROCHESTER 323720	36.79 1.28 0.00	33.11 0.81 0.00	31.97 0.47 0.00	31.08 0.64 0.00	31.15 0.67 0.00	31.35 0.73 0.00	30.39 1.03 0.00	39.99 1.20 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.87 2.32 0.00	69.24 3.17 0.00	74.79 3.90 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.25 7.49 0.00	98.10 5.98 0.00	79.86 4.52 0.00	71.72 3.41 0.00	52.74 2.51 0.00	45.51 1.75 0.00
REGAN___SOLAR 323812	40.73 5.22 0.00	36.66 4.36 0.00	35.50 4.00 0.00	34.15 3.71 0.00	34.29 3.81 0.00	34.45 3.83 0.00	33.18 3.82 0.00	44.96 6.17 0.00	46.27 6.35 0.00	54.71 7.54 0.00	65.20 8.65 0.00	75.91 9.85 0.00	82.66 11.77 0.00	94.26 13.55 0.00	107.98 16.00 0.00	126.45 18.10 -7.79	154.31 21.78 -5.92	183.28 27.75 -11.04	158.62 26.21 -7.65	125.25 19.62 -13.51	117.28 15.83 -26.11	107.39 14.00 -25.09	58.47 8.24 0.00	50.46 6.70 0.00
RENSSELAER___COGEN 23796	36.83 1.31 0.00	33.27 0.97 0.00	32.51 1.01 0.00	31.41 0.97 0.00	31.43 0.95 0.00	31.45 0.83 0.00	30.07 0.70 0.00	39.83 1.05 0.00	41.04 1.12 0.00	48.39 1.22 0.00	57.57 1.02 0.00	67.19 1.12 0.00	71.74 0.85 0.00	81.51 0.81 0.00	93.36 1.38 0.00	49.99 1.81 52.39	75.81 2.40 53.20	73.42 3.17 74.24	75.81 2.49 51.44	75.81 1.84 18.15	75.81 1.58 1.12	68.98 1.37 0.70	51.73 1.51 0.00	45.16 1.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.56 5.04 0.00	36.47 4.17 0.00	35.37 3.87 0.00	33.97 3.53 0.00	34.08 3.60 0.00	34.17 3.55 0.00	33.01 3.64 0.00	44.72 5.93 0.00	46.35 6.43 0.00	54.76 7.59 0.00	65.43 8.88 0.00	76.77 10.70 0.00	83.51 12.62 0.00	95.31 14.61 0.00	109.08 17.11 0.00	134.26 18.60 -15.09	160.77 22.03 -12.13	191.45 25.57 -21.39	162.16 22.58 -14.82	127.77 17.69 -17.96	120.69 14.47 -30.89	111.54 13.59 -29.64	58.21 7.99 0.00	50.19 6.43 0.00
REVERE_CPPR_DRP 24186	38.01 2.20 -0.30	34.20 1.78 -0.13	33.12 1.54 -0.08	31.93 1.46 -0.03	31.97 1.46 -0.03	32.25 1.59 -0.04	31.04 1.67 0.00	41.65 2.33 -0.53	42.92 2.48 -0.52	50.94 2.88 -0.90	61.34 3.34 -1.45	72.25 4.23 -1.95	77.13 4.04 -2.20	88.01 4.60 -2.71	100.34 5.24 -3.13	109.46 5.33 -3.57	138.08 7.22 -4.26	158.14 9.54 -4.11	137.37 8.61 -4.00	101.87 6.54 -3.22	83.02 5.27 -2.40	75.15 4.78 -2.06	54.77 3.47 -1.08	47.34 2.80 -0.78
REYNOLDS_115KV_TB3 80639	37.11 1.60 0.00	33.53 1.23 0.00	32.76 1.26 0.00	31.63 1.19 0.00	31.64 1.16 0.00	31.69 1.07 0.00	30.28 0.91 0.00	40.14 1.36 0.00	41.44 1.52 0.00	48.86 1.70 0.00	58.19 1.64 0.00	67.85 1.78 0.00	72.66 1.77 0.00	82.64 1.94 0.00	94.55 2.58 0.00	143.79 3.22 -40.01	165.45 4.18 -34.66	206.39 5.20 -56.70	168.29 4.24 -39.29	120.20 3.13 -24.96	105.46 2.64 -27.49	96.74 2.25 -26.18	52.29 2.06 0.00	45.69 1.93 0.00
RIVERBAY____ 323610	38.82 3.30 -0.01	34.67 2.36 -0.01	33.81 2.30 -0.01	32.43 1.98 -0.01	32.47 1.98 -0.01	32.62 1.99 -0.01	31.28 1.91 0.00	42.05 3.26 0.00	43.56 3.63 0.00	50.94 3.77 0.00	60.05 3.51 0.01	69.50 3.44 0.01	75.00 4.11 0.00	85.86 5.17 0.01	98.31 6.35 0.01	109.48 7.44 -1.47	141.03 11.65 -2.77	159.88 13.29 -2.10	136.94 10.73 -1.45	101.04 7.28 -1.65	83.98 5.88 -2.76	75.94 4.99 -2.65	54.05 3.82 -0.01	47.80 4.03 -0.01
RIVERSDE_115KV_TB3 55908	37.04 1.53 0.00	33.43 1.13 0.00	32.66 1.17 0.00	31.53 1.10 0.00	31.55 1.07 0.00	31.63 1.01 0.00	30.19 0.82 0.00	40.07 1.28 0.00	41.36 1.44 0.00	48.77 1.60 0.00	58.02 1.47 0.00	67.72 1.65 0.00	72.45 1.56 0.00	82.48 1.78 0.00	94.37 2.39 0.00	121.89 3.02 -18.31	144.78 3.92 -14.24	175.21 4.77 -25.96	146.61 3.87 -17.98	110.04 2.86 -15.07	99.09 2.41 -21.34	90.84 2.12 -20.42	52.14 1.91 0.00	45.51 1.75 0.00
ROARING___BROOK_WT_PWR 323790	34.98 -0.53 0.00	31.91 -0.39 0.00	31.15 -0.35 0.00	30.10 -0.33 0.00	30.18 -0.30 0.00	30.34 -0.28 0.00	29.16 -0.20 0.00	38.48 -0.31 0.00	39.60 -0.32 0.00	46.79 -0.38 0.00	56.21 -0.34 0.00	65.61 -0.46 0.00	70.25 -0.64 0.00	79.65 -1.05 0.00	90.69 -1.29 0.00	99.06 -1.51 0.00	124.71 -1.90 0.00	142.17 -2.32 0.00	122.76 -2.00 0.00	90.74 -1.38 0.00	74.51 -0.83 0.00	67.62 -0.68 0.00	49.82 -0.40 0.00	43.41 -0.35 0.00
ROCHESRG_115KV_T4 355643	36.33 0.82 0.00	32.72 0.42 0.00	31.63 0.13 0.00	30.71 0.27 0.00	30.82 0.34 0.00	30.87 0.24 0.00	30.07 0.70 0.00	39.25 0.47 0.00	40.64 0.72 0.00	48.30 1.13 0.00	57.79 1.24 0.00	68.12 2.05 0.00	73.37 2.48 0.00	83.69 2.99 0.00	94.73 2.76 0.00	103.68 3.12 0.00	129.52 2.91 0.00	148.54 4.05 0.00	129.88 5.12 0.00	96.35 4.24 0.00	78.51 3.16 0.00	70.56 2.25 0.00	51.89 1.66 0.00	44.86 1.09 0.00

ROCHESTER_9_IC 23652	36.61 1.10 0.00	32.98 0.68 0.00	31.85 0.35 0.00	30.93 0.49 0.00	31.03 0.55 0.00	31.11 0.49 0.00	30.28 0.91 0.00	39.56 0.78 0.00	40.96 1.04 0.00	48.72 1.56 0.00	58.30 1.75 0.00	68.78 2.71 0.00	74.08 3.19 0.00	84.50 3.79 0.00	95.65 3.68 0.00	104.69 4.12 0.00	130.79 4.18 0.00	150.13 5.64 0.00	131.25 6.49 0.00	97.28 5.16 0.00	79.26 3.92 0.00	71.18 2.87 0.00	52.34 2.11 0.00	45.21 1.44 0.00
ROCKVIEW_13_KV_LD 356306	38.03 2.52 0.00	34.05 1.74 0.00	33.20 1.70 0.00	31.93 1.49 0.00	31.94 1.46 0.00	32.15 1.53 0.00	30.89 1.53 0.00	41.35 2.56 0.00	42.96 3.03 0.00	50.51 3.35 0.00	59.89 3.34 0.00	69.64 3.57 0.00	75.07 4.18 0.00	85.79 5.08 0.00	98.23 6.25 0.00	109.48 7.44 -1.48	140.01 10.64 -2.77	159.16 12.57 -2.10	136.32 10.11 -1.45	100.77 7.00 -1.65	83.69 5.58 -2.77	75.61 4.64 -2.66	53.44 3.21 0.00	47.00 3.24 0.00
ROME____115KV_TB2 80656	38.01 2.20 -0.30	34.20 1.78 -0.13	33.12 1.54 -0.08	31.93 1.46 -0.03	31.97 1.46 -0.03	32.25 1.59 -0.04	31.04 1.67 0.00	41.65 2.33 -0.53	42.92 2.48 -0.52	50.94 2.88 -0.90	61.34 3.34 -1.45	72.25 4.23 -1.95	77.13 4.04 -2.20	88.01 4.60 -2.71	100.34 5.24 -3.13	109.46 5.33 -3.57	138.08 7.22 -4.26	158.14 9.54 -4.11	137.37 8.61 -4.00	101.87 6.54 -3.22	83.02 5.27 -2.40	75.15 4.78 -2.06	54.77 3.47 -1.08	47.34 2.80 -0.78
ROSETON____1 23587	37.46 1.95 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.60 1.16 0.00	31.64 1.16 0.00	31.75 1.13 0.00	30.48 1.12 0.00	40.61 1.82 0.00	42.08 2.15 0.00	49.52 2.36 0.00	58.75 2.20 0.00	68.38 2.31 0.00	73.80 2.91 0.00	84.09 3.39 0.00	96.12 4.14 0.00	105.59 5.03 0.00	136.39 7.34 -2.44	153.01 8.52 0.00	131.62 6.86 0.00	97.85 4.79 -0.95	81.45 3.84 -2.27	73.77 3.28 -2.19	52.59 2.36 0.00	46.12 2.36 0.00
ROSETON____2 23588	37.46 1.95 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.60 1.16 0.00	31.64 1.16 0.00	31.75 1.13 0.00	30.48 1.12 0.00	40.61 1.82 0.00	42.08 2.15 0.00	49.52 2.36 0.00	58.75 2.20 0.00	68.38 2.31 0.00	73.80 2.91 0.00	84.09 3.39 0.00	96.12 4.14 0.00	105.59 5.03 0.00	136.39 7.34 -2.44	153.01 8.52 0.00	131.62 6.86 0.00	97.85 4.79 -0.95	81.45 3.84 -2.27	73.77 3.28 -2.19	52.59 2.36 0.00	46.12 2.36 0.00
ROTTDAM_115KV_TB3 80664	37.07 1.56 0.00	33.53 1.23 0.00	32.70 1.20 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.69 1.07 0.00	30.34 0.97 0.00	40.34 1.55 0.00	41.64 1.72 0.00	49.15 1.98 0.00	58.59 2.04 0.00	68.38 2.31 0.00	73.58 2.69 0.00	83.85 3.15 0.00	95.84 3.86 0.00	114.43 4.42 -9.44	139.17 5.44 -7.12	164.67 6.79 -13.38	139.90 5.86 -9.27	112.92 4.51 -16.29	110.48 3.69 -31.45	101.80 3.28 -30.22	52.44 2.21 0.00	45.73 1.97 0.00
RUSSELL____1 23602	36.83 1.31 0.00	33.17 0.87 0.00	32.03 0.54 0.00	31.11 0.67 0.00	31.18 0.70 0.00	31.26 0.64 0.00	30.45 1.09 0.00	39.83 1.05 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.76 2.21 0.00	69.24 3.17 0.00	74.72 3.83 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.37 7.61 0.00	98.10 5.99 0.00	79.86 4.52 0.00	71.79 3.48 0.00	52.74 2.51 0.00	45.51 1.75 0.00
RUSSELL____2 23532	36.83 1.31 0.00	33.17 0.87 0.00	32.03 0.54 0.00	31.11 0.67 0.00	31.18 0.70 0.00	31.26 0.64 0.00	30.45 1.09 0.00	39.83 1.05 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.76 2.21 0.00	69.24 3.17 0.00	74.72 3.83 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.37 7.61 0.00	98.10 5.99 0.00	79.86 4.52 0.00	71.79 3.48 0.00	52.74 2.51 0.00	45.51 1.75 0.00
RUSSELL____3 23549	36.83 1.31 0.00	33.17 0.87 0.00	32.03 0.54 0.00	31.11 0.67 0.00	31.18 0.70 0.00	31.26 0.64 0.00	30.45 1.09 0.00	39.83 1.05 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.76 2.21 0.00	69.24 3.17 0.00	74.72 3.83 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.37 7.61 0.00	98.10 5.99 0.00	79.86 4.52 0.00	71.79 3.48 0.00	52.74 2.51 0.00	45.51 1.75 0.00
RUSSELL____4 23556	36.83 1.31 0.00	33.17 0.87 0.00	32.03 0.54 0.00	31.11 0.67 0.00	31.18 0.70 0.00	31.26 0.64 0.00	30.45 1.09 0.00	39.83 1.05 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.76 2.21 0.00	69.24 3.17 0.00	74.72 3.83 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.37 7.61 0.00	98.10 5.99 0.00	79.86 4.52 0.00	71.79 3.48 0.00	52.74 2.51 0.00	45.51 1.75 0.00
RUSSELL____STATION 23914	36.83 1.31 0.00	33.17 0.87 0.00	32.03 0.54 0.00	31.11 0.67 0.00	31.18 0.70 0.00	31.26 0.64 0.00	30.45 1.09 0.00	39.83 1.05 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.76 2.21 0.00	69.24 3.17 0.00	74.72 3.83 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.37 7.61 0.00	98.10 5.99 0.00	79.86 4.52 0.00	71.79 3.48 0.00	52.74 2.51 0.00	45.51 1.75 0.00
S SALMON____HYD 24043	37.23 0.32 -1.40	33.03 0.13 -0.59	31.88 0.00 -0.38	30.59 0.03 -0.12	30.63 0.03 -0.12	30.91 0.12 -0.17	29.60 0.23 0.00	41.79 0.50 -2.50	42.74 0.36 -2.46	51.81 0.42 -4.22	63.70 0.34 -6.81	75.87 0.66 -9.14	81.93 0.71 -10.33	93.89 0.49 -12.69	107.19 0.56 -14.65	117.59 0.30 -16.72	146.81 0.25 -19.94	164.49 0.73 -19.27	144.75 1.25 -18.74	108.48 1.29 -15.07	87.58 0.98 -11.26	79.33 1.37 -9.66	55.92 0.65 -5.04	47.77 0.35 -3.66
S.PERRY__115KV_TB1 80734	38.18 2.66 0.00	34.30 2.00 0.00	33.04 1.54 0.00	32.08 1.64 0.00	32.19 1.71 0.00	32.37 1.75 0.00	31.51 2.14 0.00	39.83 1.05 0.00	40.80 0.88 0.00	48.39 1.23 0.00	55.65 -0.90 0.00	65.47 -0.59 0.00	70.54 -0.35 0.00	80.30 -0.40 0.00	90.87 -1.10 0.00	100.46 -0.10 0.00	125.09 -1.52 0.00	144.06 -0.43 0.00	126.63 1.87 0.00	95.53 3.41 0.00	78.13 2.79 0.00	70.08 1.78 0.00	52.99 2.76 0.00	45.73 1.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.68 1.17 0.00	32.91 0.61 0.00	31.63 0.13 0.00	30.96 0.52 0.00	31.03 0.55 0.00	31.02 0.40 0.00	30.42 1.06 0.00	39.25 0.47 0.00	40.68 0.76 0.00	48.58 1.41 0.00	58.13 1.58 0.00	68.58 2.51 0.00	74.15 3.26 0.00	84.50 3.79 0.00	95.19 3.22 0.00	104.08 3.52 0.00	129.52 2.91 0.00	148.54 4.05 0.00	130.75 5.99 0.00	97.37 5.25 0.00	79.26 3.92 0.00	71.04 2.73 0.00	52.44 2.21 0.00	45.47 1.71 0.00
SAWYER____23_KV_LOAD 55526	36.68 1.17 0.00	32.91 0.61 0.00	31.63 0.13 0.00	30.96 0.52 0.00	31.03 0.55 0.00	31.02 0.40 0.00	30.42 1.06 0.00	39.25 0.47 0.00	40.68 0.76 0.00	48.58 1.41 0.00	58.13 1.58 0.00	68.58 2.51 0.00	74.15 3.26 0.00	84.50 3.79 0.00	95.19 3.22 0.00	104.08 3.52 0.00	129.52 2.91 0.00	148.54 4.05 0.00	130.75 5.99 0.00	97.37 5.25 0.00	79.26 3.92 0.00	71.04 2.73 0.00	52.44 2.21 0.00	45.47 1.71 0.00

SELKIRK___I 23801	37.07 1.56 0.00	33.53 1.23 0.00	32.76 1.26 0.00	31.66 1.22 0.00	31.67 1.19 0.00	31.72 1.10 0.00	30.28 0.91 0.00	40.14 1.36 0.00	41.28 1.36 0.00	48.63 1.46 0.00	57.79 1.24 0.00	67.39 1.32 0.00	70.54 -0.35 0.00	77.63 -0.56 2.52	86.12 -0.18 5.67	75.24 0.20 25.53	93.77 0.38 33.22	109.33 1.02 36.18	100.57 0.88 25.07	85.54 0.83 7.40	79.09 0.83 -2.91	71.98 0.68 -2.99	52.14 1.91 0.00	45.51 1.75 0.00
SELKIRK___II 23799	36.83 1.31 0.00	33.27 0.97 0.00	32.54 1.04 0.00	31.41 0.97 0.00	31.46 0.98 0.00	31.48 0.86 0.00	30.10 0.73 0.00	39.91 1.13 0.00	41.12 1.20 0.00	48.48 1.32 0.00	57.68 1.13 0.00	67.32 1.25 0.00	71.32 0.43 0.00	71.87 0.41 9.24	71.87 0.73 20.84	71.87 1.21 29.90	71.87 1.52 56.26	104.28 2.17 42.38	97.01 1.62 29.37	84.35 1.29 9.06	78.88 1.05 -2.48	71.87 0.96 -2.61	51.79 1.56 0.00	45.25 1.49 0.00
SENECA OSWGO___HYD 24041	37.37 -0.11 -1.96	32.88 -0.26 -0.84	31.68 -0.35 -0.53	30.31 -0.30 -0.17	30.32 -0.33 -0.17	30.58 -0.28 -0.23	29.16 -0.20 0.00	42.30 0.00 -3.52	43.30 -0.08 -3.45	53.09 0.00 -5.93	66.01 -0.11 -9.57	78.98 0.07 -12.85	85.62 0.21 -14.51	98.95 0.41 -17.84	112.85 0.28 -20.60	124.37 0.30 -23.50	155.02 0.38 -28.03	172.45 0.87 -27.09	152.22 1.12 -26.34	114.31 1.02 -21.18	91.85 0.68 -15.83	82.29 0.41 -13.57	57.22 -0.10 -7.09	48.69 -0.22 -5.14
SENECA___115KV_TB3 355854	37.25 1.74 0.00	33.37 1.07 0.00	32.03 0.54 0.00	31.35 0.91 0.00	31.42 0.94 0.00	31.45 0.83 0.00	30.84 1.47 0.00	39.83 1.05 0.00	41.32 1.40 0.00	49.38 2.22 0.00	59.09 2.54 0.00	69.70 3.63 0.00	75.43 4.54 0.00	86.03 5.33 0.00	97.03 5.06 0.00	105.99 5.43 0.00	131.93 5.32 0.00	151.43 6.94 0.00	133.12 8.36 0.00	99.12 7.00 0.00	80.61 5.27 0.00	72.27 3.96 0.00	53.19 2.96 0.00	46.12 2.36 0.00
SENECA___ENERGY 23797	36.97 0.67 -0.78	32.99 0.36 -0.33	31.84 0.13 -0.21	30.75 0.24 -0.07	30.79 0.24 -0.07	31.08 0.37 -0.09	29.92 0.56 0.00	41.19 1.01 -1.40	42.26 0.96 -1.37	50.84 1.32 -2.36	61.88 1.53 -3.81	73.29 2.11 -5.11	78.79 2.12 -5.77	90.31 2.50 -7.10	102.56 2.39 -8.19	112.52 2.61 -9.35	140.79 3.03 -11.15	159.75 4.48 -10.77	139.98 4.74 -10.48	104.32 3.78 -8.43	84.50 2.86 -6.30	75.83 2.12 -5.40	54.05 1.00 -2.82	46.38 0.57 -2.05
SHOEMAKER___GT 23640	37.32 1.81 0.00	33.53 1.23 0.00	32.73 1.23 0.00	31.50 1.06 0.00	31.55 1.07 0.00	31.69 1.07 0.00	30.39 1.03 0.00	40.42 1.63 0.00	41.84 1.92 0.00	49.24 2.07 0.00	58.53 1.98 0.00	68.18 2.11 0.00	73.65 2.76 0.00	83.85 3.14 0.00	95.84 3.86 0.00	105.19 4.63 0.00	135.54 6.83 -2.10	152.58 8.09 0.00	131.49 6.73 0.00	97.85 4.88 -0.86	81.24 3.84 -2.06	73.57 3.28 -1.98	52.44 2.21 0.00	45.91 2.14 0.00
SHOEMAKR_138KV_BK 111 55601	37.29 1.78 0.00	33.50 1.20 0.00	32.70 1.20 0.00	31.47 1.03 0.00	31.52 1.04 0.00	31.69 1.07 0.00	30.37 1.00 0.00	40.34 1.55 0.00	41.84 1.92 0.00	49.24 2.08 0.00	58.53 1.98 0.00	68.18 2.11 0.00	73.44 2.55 0.00	83.85 3.15 0.00	95.84 3.86 0.00	105.19 4.63 0.00	135.51 6.84 -2.06	152.58 8.09 0.00	131.37 6.61 0.00	97.76 4.79 -0.85	81.15 3.77 -2.04	73.48 3.21 -1.96	52.39 2.16 0.00	45.91 2.14 0.00
SHOREHAM_IC_1 23715	84.40 3.66 -45.23	52.48 2.68 -17.50	47.44 2.58 -13.36	45.07 2.31 -12.32	41.26 2.29 -8.49	44.91 2.30 -11.99	42.79 2.32 -11.10	52.88 3.80 -10.29	62.80 4.23 -18.65	78.44 4.67 -26.60	65.08 4.92 -3.62	79.03 5.02 -7.94	89.41 5.81 -12.71	116.01 6.94 -28.37	193.59 8.37 -93.25	300.09 9.35 -190.18	267.57 12.66 -128.30	269.10 14.89 -109.72	245.66 12.23 -108.66	222.92 8.93 -121.87	141.22 7.23 -58.64	108.91 6.28 -34.32	71.73 4.42 -17.08	65.64 4.33 -17.54
SHOREHAM_IC_2 23716	84.40 3.66 -45.23	52.48 2.68 -17.50	47.44 2.58 -13.36	45.07 2.31 -12.32	41.26 2.29 -8.49	44.91 2.30 -11.99	42.79 2.32 -11.10	52.88 3.80 -10.29	62.80 4.23 -18.65	78.44 4.67 -26.60	65.08 4.92 -3.62	79.03 5.02 -7.94	89.41 5.81 -12.71	116.01 6.94 -28.37	193.59 8.37 -93.25	300.09 9.35 -190.18	267.57 12.66 -128.30	269.10 14.89 -109.72	245.66 12.23 -108.66	222.92 8.93 -121.87	141.22 7.23 -58.64	108.91 6.28 -34.32	71.73 4.42 -17.08	65.64 4.33 -17.54
SISSONVILLE____ 23735	34.27 -1.42 -0.18	31.47 -0.90 -0.08	30.70 -0.85 -0.05	29.63 -0.82 -0.02	29.70 -0.79 -0.02	29.97 -0.67 -0.02	28.87 -0.50 0.00	38.03 -1.09 -0.33	38.41 -1.84 -0.32	45.54 -2.17 -0.55	55.29 -2.15 -0.88	64.41 -2.84 -1.19	68.69 -3.54 -1.34	77.27 -5.08 -1.65	88.08 -5.79 -1.90	96.00 -6.74 -2.17	120.84 -8.36 -2.59	136.73 -10.26 -2.50	118.21 -8.98 -2.43	87.44 -6.63 -1.96	71.46 -5.35 -1.46	66.08 -3.48 -1.25	49.13 -1.76 -0.66	42.79 -1.44 -0.48
SITHE_IND_GS1 24169	29.07 -0.75 5.69	29.07 -0.81 2.42	29.11 -0.85 1.54	29.14 -0.79 0.51	29.18 -0.79 0.51	29.18 -0.76 0.68	28.69 -0.67 0.00	27.81 -0.78 10.20	29.11 -0.80 10.02	29.07 -0.90 17.20	27.66 -1.13 27.76	27.62 -1.19 37.26	27.59 -1.21 42.09	27.59 -1.37 51.74	30.59 -1.65 59.73	30.59 -1.81 68.17	42.91 -2.41 81.29	63.62 -2.32 78.55	46.63 -1.75 76.38	29.49 -1.20 61.43	28.37 -1.05 45.92	27.85 -1.10 39.36	28.67 -1.00 20.55	27.88 -0.96 14.92
SITHE_IND_GS2 24170	29.07 -0.75 5.69	29.07 -0.81 2.42	29.11 -0.85 1.54	29.14 -0.79 0.51	29.18 -0.79 0.51	29.18 -0.76 0.68	28.69 -0.67 0.00	27.81 -0.78 10.20	29.11 -0.80 10.02	29.07 -0.90 17.20	27.66 -1.13 27.76	27.62 -1.19 37.26	27.59 -1.21 42.09	27.59 -1.37 51.74	30.59 -1.65 59.73	30.59 -1.81 68.17	42.91 -2.41 81.29	63.62 -2.32 78.55	46.63 -1.75 76.38	29.49 -1.20 61.43	28.37 -1.05 45.92	27.85 -1.10 39.36	28.67 -1.00 20.55	27.88 -0.96 14.92
SITHE_IND_GS3 24171	29.07 -0.75 5.69	29.07 -0.81 2.42	29.11 -0.85 1.54	29.14 -0.79 0.51	29.18 -0.79 0.51	29.18 -0.76 0.68	28.69 -0.67 0.00	27.81 -0.78 10.20	29.11 -0.80 10.02	29.07 -0.90 17.20	27.66 -1.13 27.76	27.62 -1.19 37.26	27.59 -1.21 42.09	27.59 -1.37 51.74	30.59 -1.65 59.73	30.59 -1.81 68.17	42.91 -2.41 81.29	63.62 -2.32 78.55	46.63 -1.75 76.38	29.49 -1.20 61.43	28.37 -1.05 45.92	27.85 -1.10 39.36	28.67 -1.00 20.55	27.88 -0.96 14.92
SITHE_IND_GS4 24172	29.07 -0.75 5.69	29.07 -0.81 2.42	29.11 -0.85 1.54	29.14 -0.79 0.51	29.18 -0.79 0.51	29.18 -0.76 0.68	28.69 -0.67 0.00	27.81 -0.78 10.20	29.11 -0.80 10.02	29.07 -0.90 17.20	27.66 -1.13 27.76	27.62 -1.19 37.26	27.59 -1.21 42.09	27.59 -1.37 51.74	30.59 -1.65 59.73	30.59 -1.81 68.17	42.91 -2.41 81.29	63.62 -2.32 78.55	46.63 -1.75 76.38	29.49 -1.20 61.43	28.37 -1.05 45.92	27.85 -1.10 39.36	28.67 -1.00 20.55	27.88 -0.96 14.92
SITHE___BATAVIA 24024	37.43 1.92 0.00	33.59 1.29 0.00	32.29 0.79 0.00	31.47 1.04 0.00	31.52 1.04 0.00	31.88 1.26 0.00	30.98 1.61 0.00	40.45 1.67 0.00	41.64 1.72 0.00	49.57 2.40 0.00	59.32 2.77 0.00	70.03 3.96 0.00	74.50 3.61 0.00	84.82 4.11 0.00	95.75 3.77 0.00	104.69 4.12 0.00	130.66 4.05 0.00	150.12 5.63 0.00	132.25 7.49 0.00	98.47 6.35 0.00	79.94 4.60 0.00	71.72 3.41 0.00	53.59 3.37 0.00	46.34 2.58 0.00

SITHE___INDEPEND 23800	29.07 -0.75 5.69	29.07 -0.81 2.42	29.11 -0.85 1.54	29.14 -0.79 0.51	29.18 -0.79 0.51	29.15 -0.80 0.68	28.69 -0.68 0.00	27.77 -0.81 10.20	29.11 -0.80 10.02	29.07 -0.90 17.20	27.60 -1.19 27.76	27.62 -1.19 37.26	27.52 -1.28 42.09	27.59 -1.37 51.74	30.59 -1.66 59.73	30.59 -1.81 68.17	42.91 -2.41 81.29	63.63 -2.31 78.55	46.63 -1.75 76.38	29.49 -1.20 61.43	28.37 -1.05 45.92	27.85 -1.09 39.36	28.67 -1.00 20.55	27.88 -0.96 14.92
SITHE___MASSENA 23902	34.24 -1.28 0.00	31.56 -0.74 0.00	30.81 -0.69 0.00	29.77 -0.67 0.00	29.81 -0.67 0.00	30.01 -0.61 0.00	28.90 -0.47 0.00	37.74 -1.05 0.00	38.61 -1.32 0.00	45.61 -1.56 0.00	55.19 -1.36 0.00	64.29 -1.78 0.00	68.27 -2.62 0.00	77.47 -3.23 0.00	88.20 -3.77 0.00	96.14 -4.42 0.00	121.17 -5.44 0.00	137.56 -6.93 0.00	118.53 -6.23 0.00	87.42 -4.69 0.00	71.65 -3.69 0.00	65.64 -2.67 0.00	48.67 -1.56 0.00	42.36 -1.40 0.00
SITHE___OGDNSBRG 24021	34.59 -0.92 0.00	31.88 -0.42 0.00	31.09 -0.41 0.00	30.04 -0.40 0.00	30.11 -0.37 0.00	30.41 -0.21 0.00	29.31 -0.06 0.00	38.32 -0.47 0.00	38.85 -1.08 0.00	45.89 -1.27 0.00	55.48 -1.07 0.00	64.61 -1.45 0.00	69.05 -1.84 0.00	77.80 -2.91 0.00	88.66 -3.31 0.00	96.54 -4.02 0.00	121.55 -5.06 0.00	137.84 -6.65 0.00	119.15 -5.61 0.00	87.97 -4.15 0.00	72.10 -3.24 0.00	66.33 -1.98 0.00	49.27 -0.95 0.00	42.89 -0.88 0.00
SITHE___STERLING 23777	37.57 1.74 -0.32	33.83 1.39 -0.14	32.78 1.20 -0.09	31.62 1.16 -0.03	31.64 1.13 -0.03	31.91 1.26 -0.04	30.66 1.29 0.00	41.30 1.94 -0.58	42.49 2.00 -0.57	50.49 2.36 -0.97	60.89 2.77 -1.57	71.67 3.50 -2.10	76.38 3.12 -2.37	87.26 3.64 -2.92	99.39 4.04 -3.37	108.63 4.22 -3.85	136.76 5.56 -4.59	156.43 7.51 -4.43	135.93 6.86 -4.31	100.74 5.16 -3.47	82.07 4.14 -2.59	74.15 3.62 -2.22	54.15 2.76 -1.16	46.83 2.23 -0.84
SLEIGHT___34_KV_TB1 80719	36.37 0.64 -0.22	32.72 0.32 -0.09	31.62 0.06 -0.06	30.61 0.15 -0.02	30.68 0.18 -0.02	30.83 0.18 -0.03	29.90 0.53 0.00	39.84 0.66 -0.39	41.19 0.88 -0.38	49.14 1.32 -0.66	59.14 1.53 -1.06	69.87 2.38 -1.42	75.26 2.76 -1.61	85.99 3.31 -1.97	97.47 3.22 -2.28	106.78 3.62 -2.60	133.64 3.92 -3.10	152.69 5.20 -3.00	133.41 5.74 -2.91	98.88 4.42 -2.34	80.41 3.32 -1.75	72.27 2.46 -1.50	52.42 1.41 -0.78	45.16 0.83 -0.57
SOUTH CAIRO___GT 23612	38.28 2.77 0.00	34.50 2.20 0.00	33.70 2.20 0.00	32.54 2.10 0.00	32.55 2.07 0.00	32.70 2.08 0.00	31.19 1.82 0.00	41.15 2.37 0.00	42.36 2.44 0.00	49.85 2.69 0.00	59.21 2.66 0.00	69.11 3.04 0.00	73.23 2.34 0.00	81.05 3.47 3.13	89.43 4.51 7.05	79.06 5.53 27.03	98.41 7.85 36.05	116.58 10.40 38.31	108.07 9.86 26.55	91.35 7.65 8.41	83.23 6.18 -1.71	75.48 5.33 -1.85	54.00 3.77 0.00	46.87 3.11 0.00
SOUTH HAMPTN___IC 23720	85.18 4.44 -45.23	53.16 3.36 -17.50	48.10 3.25 -13.36	45.71 2.95 -12.32	41.87 2.90 -8.49	45.55 2.94 -11.99	43.38 2.91 -11.10	53.73 4.65 -10.29	63.76 5.19 -18.65	79.71 5.94 -26.60	66.72 6.56 -3.62	81.34 7.20 -8.07	91.02 7.59 -12.54	117.11 9.04 -27.37	192.34 10.66 -89.70	297.51 11.56 -185.38	267.85 15.44 -125.80	271.50 18.06 -108.95	248.39 14.96 -108.66	220.15 11.14 -116.89	140.99 8.89 -56.77	109.54 7.72 -33.52	72.79 5.43 -17.13	66.46 5.16 -17.54
SOUTHDOW___115KV_TB1 355954	38.46 2.95 0.00	34.37 2.07 0.00	32.95 1.45 0.00	32.20 1.77 0.00	32.28 1.80 0.00	32.43 1.81 0.00	31.92 2.55 0.00	41.39 2.60 0.00	43.00 3.07 0.00	51.41 4.24 0.00	61.64 5.09 0.00	72.41 6.34 0.00	78.40 7.51 0.00	89.50 8.80 0.00	101.08 9.11 0.00	110.32 9.75 0.00	137.24 10.64 0.00	157.21 12.72 0.00	138.11 13.35 0.00	103.17 11.05 0.00	84.01 8.66 0.00	75.21 6.90 0.00	55.15 4.92 0.00	47.79 4.03 0.00
SOUTHOLD_69_KV_BK 2 55809	86.07 5.33 -45.23	53.91 4.10 -17.50	48.79 3.94 -13.36	46.41 3.65 -12.32	42.51 3.54 -8.49	46.25 3.64 -11.99	44.02 3.55 -11.10	54.51 5.43 -10.29	64.80 6.23 -18.65	81.03 7.26 -26.60	68.59 8.43 -3.62	83.65 9.51 -8.07	92.08 8.65 -12.55	118.74 10.65 -27.38	194.13 12.42 -89.74	296.97 10.96 -185.45	267.51 15.07 -125.83	271.22 17.77 -108.96	247.89 14.47 -108.66	219.39 10.32 -116.95	142.45 10.32 -56.79	110.65 8.81 -33.53	73.54 6.18 -17.13	67.08 5.78 -17.54
SOUTHOLD___IC 23719	86.07 5.33 -45.23	53.94 4.14 -17.50	48.79 3.94 -13.36	46.41 3.65 -12.32	42.54 3.56 -8.49	46.22 3.61 -11.99	44.05 3.58 -11.10	54.67 5.59 -10.29	64.80 6.23 -18.65	81.03 7.26 -26.60	68.53 8.37 -3.62	83.66 9.52 -8.07	92.30 8.86 -12.55	118.74 10.65 -27.38	194.22 12.51 -89.74	297.27 11.26 -185.45	267.50 15.06 -125.83	271.21 17.77 -108.96	248.01 14.59 -108.66	222.06 12.99 -116.95	142.38 10.24 -56.79	110.65 8.82 -33.53	73.54 6.18 -17.13	67.08 5.78 -17.54
SOUTH_FORK_WT_PWR 323839	86.21 5.47 -45.23	54.07 4.26 -17.50	48.92 4.06 -13.36	46.53 3.77 -12.32	42.66 3.69 -8.49	46.34 3.73 -11.99	44.14 3.67 -11.10	54.78 5.70 -10.29	65.00 6.43 -18.65	81.27 7.50 -26.60	68.87 8.71 -3.62	84.05 9.91 -8.07	91.80 8.36 -12.54	118.17 10.09 -27.38	193.47 11.78 -89.72	297.64 11.66 -185.41	267.86 15.44 -125.81	271.65 18.21 -108.95	248.39 14.96 -108.66	221.19 12.16 -116.92	141.69 9.57 -56.78	110.03 8.19 -33.53	73.13 5.77 -17.13	66.77 5.47 -17.54
SPIERFLS_115KV_TB 1 80737	37.82 2.31 0.00	34.11 1.81 0.00	33.17 1.67 0.00	31.93 1.49 0.00	32.00 1.52 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.35 2.56 0.00	42.76 2.83 0.00	50.51 3.35 0.00	60.28 3.73 0.00	70.49 4.43 0.00	76.28 5.39 0.00	86.76 6.05 0.00	99.33 7.36 0.00	123.02 7.94 -14.51	146.84 8.61 -11.62	175.60 10.55 -20.56	148.24 9.23 -14.25	117.83 7.92 -17.79	112.77 6.48 -30.95	104.29 6.28 -29.70	53.95 3.72 0.00	46.78 3.02 0.00
ST LAWRENCE____ 23600	34.20 -1.31 0.00	31.49 -0.81 0.00	30.74 -0.76 0.00	29.71 -0.73 0.00	29.75 -0.73 0.00	29.95 -0.67 0.00	28.75 -0.62 0.00	37.62 -1.16 0.00	38.61 -1.32 0.00	45.65 -1.51 0.00	55.19 -1.36 0.00	64.35 -1.72 0.00	68.55 -2.34 0.00	77.88 -2.83 0.00	88.67 -3.31 0.00	96.74 -3.82 0.00	121.80 -4.81 0.00	138.28 -6.21 0.00	119.15 -5.61 0.00	87.88 -4.24 0.00	72.03 -3.31 0.00	65.71 -2.60 0.00	48.57 -1.66 0.00	42.32 -1.44 0.00
STATE_CA_115KV_115_LB 55624	37.04 1.53 0.00	33.46 1.16 0.00	32.70 1.20 0.00	31.57 1.13 0.00	31.58 1.10 0.00	31.63 1.01 0.00	30.25 0.88 0.00	40.11 1.32 0.00	41.40 1.48 0.00	48.86 1.70 0.00	58.19 1.64 0.00	67.92 1.85 0.00	72.66 1.77 0.00	82.80 2.10 0.00	94.73 2.76 0.00	111.16 3.32 -7.28	134.94 4.30 -4.02	160.01 5.20 -10.32	136.28 4.37 -7.15	106.10 3.22 -10.75	97.90 2.64 -19.92	89.69 2.25 -19.13	52.14 1.91 0.00	45.51 1.75 0.00
STATE_ST_34_KV_LOAD 55959	37.13 0.71 -0.91	33.14 0.45 -0.39	32.03 0.28 -0.25	30.85 0.33 -0.08	30.90 0.34 -0.08	31.13 0.40 -0.11	29.95 0.59 0.00	41.42 1.01 -1.62	42.68 1.16 -1.59	51.41 1.51 -2.74	62.66 1.70 -4.42	74.37 2.38 -5.93	80.14 2.55 -6.70	91.92 2.99 -8.23	104.61 3.13 -9.50	114.83 3.42 -10.84	143.72 4.18 -12.93	162.48 5.49 -12.50	142.40 5.49 -12.15	106.13 4.24 -9.77	85.96 3.32 -7.31	77.16 2.60 -6.26	54.80 1.31 -3.27	46.97 0.83 -2.37

STATION 5_MISC_HYD 23604	36.54 1.03 0.00	32.91 0.61 0.00	31.78 0.28 0.00	30.92 0.49 0.00	30.97 0.49 0.00	31.20 0.58 0.00	30.22 0.85 0.00	39.76 0.97 0.00	40.96 1.04 0.00	48.72 1.55 0.00	58.41 1.86 0.00	68.78 2.71 0.00	74.15 3.26 0.00	84.50 3.79 0.00	95.66 3.68 0.00	104.69 4.12 0.00	130.78 4.17 0.00	150.12 5.63 0.00	131.24 6.48 0.00	97.27 5.16 0.00	79.18 3.84 0.00	71.18 2.87 0.00	52.34 2.11 0.00	45.20 1.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.99 1.24 -0.23	33.21 0.81 -0.10	32.10 0.54 -0.06	31.07 0.61 -0.02	31.17 0.67 -0.02	31.32 0.67 -0.03	30.40 1.03 0.00	40.44 1.24 -0.42	41.81 1.48 -0.41	49.85 1.98 -0.70	60.00 2.32 -1.13	70.89 3.30 -1.52	76.22 3.62 -1.71	87.17 4.36 -2.11	98.82 4.41 -2.43	108.27 4.93 -2.78	135.36 5.44 -3.31	154.62 6.94 -3.20	135.23 7.36 -3.11	100.42 5.80 -2.50	81.58 4.37 -1.87	73.26 3.35 -1.60	53.17 2.11 -0.84	45.77 1.40 -0.61
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.36 0.85 0.00	32.79 0.48 0.00	31.66 0.16 0.00	30.74 0.30 0.00	30.82 0.34 0.00	30.90 0.28 0.00	30.10 0.73 0.00	39.37 0.58 0.00	40.76 0.84 0.00	48.49 1.32 0.00	58.08 1.53 0.00	68.51 2.44 0.00	73.80 2.91 0.00	84.18 3.47 0.00	95.38 3.40 0.00	104.38 3.82 0.00	130.53 3.92 0.00	149.69 5.20 0.00	130.75 5.99 0.00	96.91 4.79 0.00	78.88 3.54 0.00	70.83 2.53 0.00	51.99 1.76 0.00	44.94 1.18 0.00
STA_56___34_KV_BUS2 355983	36.36 0.85 0.00	32.79 0.48 0.00	31.66 0.16 0.00	30.74 0.30 0.00	30.82 0.34 0.00	30.90 0.28 0.00	30.10 0.73 0.00	39.37 0.58 0.00	40.76 0.84 0.00	48.49 1.32 0.00	58.08 1.53 0.00	68.51 2.44 0.00	73.80 2.91 0.00	84.18 3.47 0.00	95.38 3.40 0.00	104.38 3.82 0.00	130.53 3.92 0.00	149.69 5.20 0.00	130.75 5.99 0.00	96.91 4.79 0.00	78.88 3.54 0.00	70.83 2.53 0.00	51.99 1.76 0.00	44.94 1.18 0.00
STA_67___115KV_BK2 355882	36.51 0.99 0.00	32.88 0.58 0.00	31.75 0.25 0.00	30.87 0.43 0.00	30.94 0.46 0.00	31.02 0.40 0.00	30.22 0.85 0.00	39.45 0.66 0.00	40.84 0.92 0.00	48.53 1.37 0.00	58.13 1.58 0.00	68.51 2.44 0.00	73.80 2.91 0.00	84.18 3.47 0.00	95.29 3.31 0.00	104.28 3.72 0.00	130.41 3.80 0.00	149.55 5.06 0.00	130.75 5.99 0.00	97.00 4.88 0.00	78.96 3.62 0.00	70.97 2.66 0.00	52.14 1.91 0.00	45.07 1.31 0.00
STA_7___115KV_9TRANS 80674	36.83 1.31 0.00	33.17 0.87 0.00	32.03 0.54 0.00	31.11 0.67 0.00	31.18 0.70 0.00	31.26 0.64 0.00	30.45 1.09 0.00	39.83 1.05 0.00	41.24 1.32 0.00	49.05 1.89 0.00	58.76 2.21 0.00	69.24 3.17 0.00	74.72 3.83 0.00	85.22 4.52 0.00	96.48 4.51 0.00	105.49 4.93 0.00	131.93 5.32 0.00	151.28 6.79 0.00	132.37 7.61 0.00	98.10 5.99 0.00	79.86 4.52 0.00	71.79 3.48 0.00	52.74 2.51 0.00	45.51 1.75 0.00
STA_82___115KV_TB1 80780	36.51 0.99 0.00	32.91 0.61 0.00	31.78 0.28 0.00	30.87 0.43 0.00	30.97 0.49 0.00	31.02 0.40 0.00	30.22 0.85 0.00	39.49 0.70 0.00	40.84 0.92 0.00	48.58 1.41 0.00	58.13 1.58 0.00	68.51 2.44 0.00	73.87 2.98 0.00	84.26 3.55 0.00	95.38 3.40 0.00	104.28 3.72 0.00	130.41 3.80 0.00	149.55 5.06 0.00	130.75 5.99 0.00	97.00 4.88 0.00	79.03 3.69 0.00	70.97 2.66 0.00	52.19 1.96 0.00	45.07 1.31 0.00
STEEL___WIND 323596	37.15 1.63 0.00	33.27 0.97 0.00	31.97 0.47 0.00	31.32 0.88 0.00	31.33 0.85 0.00	31.60 0.98 0.00	30.75 1.38 0.00	40.14 1.36 0.00	41.28 1.36 0.00	49.34 2.17 0.00	59.15 2.60 0.00	69.63 3.57 0.00	75.43 4.54 0.00	85.87 5.17 0.00	96.85 4.87 0.00	105.89 5.33 0.00	131.80 5.19 0.00	151.28 6.79 0.00	132.99 8.23 0.00	99.03 6.91 0.00	80.47 5.13 0.00	72.13 3.82 0.00	53.14 2.91 0.00	46.08 2.32 0.00
STEPHTWN_115KV_BK_2 55603	37.29 1.78 0.00	33.66 1.36 0.00	32.89 1.39 0.00	31.75 1.31 0.00	31.76 1.28 0.00	31.82 1.19 0.00	30.42 1.06 0.00	40.42 1.63 0.00	41.68 1.76 0.00	49.15 1.98 0.00	58.47 1.92 0.00	68.25 2.18 0.00	72.87 1.98 0.00	82.97 2.26 0.00	95.01 3.04 0.00	51.90 3.72 52.39	78.22 4.81 53.20	76.32 6.07 74.24	78.43 5.12 51.44	77.65 3.68 18.15	77.39 3.16 1.12	70.27 2.66 0.70	52.49 2.26 0.00	45.77 2.01 0.00
STEUBEN_REC_LFGE 323667	37.97 2.17 -0.29	33.91 1.49 -0.12	32.55 0.98 -0.08	31.68 1.22 -0.03	31.76 1.25 -0.03	31.97 1.32 -0.03	31.25 1.88 0.00	41.48 2.17 -0.52	42.79 2.36 -0.51	51.30 3.25 -0.88	61.64 3.68 -1.42	72.99 5.02 -1.90	78.64 5.60 -2.15	89.89 6.54 -2.64	101.65 6.62 -3.05	111.19 7.14 -3.48	139.25 8.48 -4.15	159.34 10.84 -4.01	139.89 11.23 -3.90	104.38 9.12 -3.14	84.69 7.01 -2.35	75.92 5.60 -2.01	54.79 3.52 -1.05	47.24 2.71 -0.76
STILLWATER___SOLAR 323814	37.89 2.38 0.00	34.21 1.91 0.00	33.33 1.83 0.00	32.11 1.67 0.00	32.16 1.68 0.00	32.21 1.59 0.00	30.89 1.53 0.00	41.23 2.45 0.00	42.56 2.63 0.00	50.23 3.06 0.00	59.89 3.34 0.00	69.97 3.90 0.00	75.57 4.68 0.00	85.95 5.24 0.00	98.41 6.44 0.00	124.86 7.24 -17.05	149.21 8.73 -13.87	179.35 10.69 -24.16	150.87 9.36 -16.74	117.93 7.28 -18.54	111.99 5.95 -30.69	103.14 5.39 -29.44	53.74 3.51 0.00	46.78 3.02 0.00
STONY___BROOK 24151	84.55 3.80 -45.24	52.65 2.84 -17.50	47.60 2.74 -13.36	45.22 2.46 -12.32	41.41 2.44 -8.49	45.09 2.48 -11.99	42.94 2.47 -11.10	53.08 4.00 -10.29	63.01 4.43 -18.65	78.67 4.90 -26.60	65.20 5.03 -3.62	77.91 5.02 -6.82	90.59 6.10 -13.61	121.30 6.78 -33.81	212.82 8.18 -112.66	326.25 9.35 -216.33	281.65 13.04 -141.99	273.63 15.17 -113.98	245.90 12.47 -108.67	250.22 9.03 -149.07	151.39 7.16 -68.89	113.30 6.28 -38.71	71.38 4.52 -16.63	65.82 4.51 -17.55
STURGEON_POOL_HYD 23609	37.54 2.02 0.00	33.66 1.36 0.00	32.85 1.35 0.00	31.63 1.19 0.00	31.64 1.16 0.00	31.85 1.22 0.00	30.42 1.06 0.00	40.53 1.75 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.38 2.31 0.00	74.08 3.19 0.00	84.51 4.60 0.80	95.78 5.61 1.80	101.38 6.74 5.92	129.03 9.88 7.45	147.51 11.41 8.39	128.30 9.36 5.81	97.70 6.63 1.05	82.74 5.12 -2.28	74.91 4.37 -2.23	52.69 2.46 0.00	46.26 2.49 0.00
ST_LAW_115_BK7_LBMP 345037	34.09 -1.42 0.00	31.43 -0.87 0.00	30.68 -0.82 0.00	29.65 -0.79 0.00	29.69 -0.79 0.00	29.89 -0.74 0.00	28.72 -0.65 0.00	37.54 -1.24 0.00	38.49 -1.44 0.00	45.51 -1.65 0.00	55.03 -1.52 0.00	64.22 -1.85 0.00	68.34 -2.55 0.00	77.64 -3.07 0.00	88.29 -3.68 0.00	96.34 -4.22 0.00	121.30 -5.31 0.00	137.70 -6.79 0.00	118.65 -6.11 0.00	87.51 -4.60 0.00	71.73 -3.61 0.00	65.50 -2.80 0.00	48.47 -1.76 0.00	42.19 -1.57 0.00
ST_LAW_115_BK8_LBMP 345038	34.09 -1.42 0.00	31.43 -0.87 0.00	30.68 -0.82 0.00	29.65 -0.79 0.00	29.69 -0.79 0.00	29.89 -0.74 0.00	28.72 -0.65 0.00	37.54 -1.24 0.00	38.49 -1.44 0.00	45.51 -1.65 0.00	55.03 -1.52 0.00	64.22 -1.85 0.00	68.34 -2.55 0.00	77.64 -3.07 0.00	88.29 -3.68 0.00	96.34 -4.22 0.00	121.30 -5.31 0.00	137.70 -6.79 0.00	118.65 -6.11 0.00	87.51 -4.60 0.00	71.73 -3.61 0.00	65.50 -2.80 0.00	48.47 -1.76 0.00	42.19 -1.57 0.00

ST_LAW_230_BK5_LBMP 345035	34.20 -1.31 0.00	31.49 -0.81 0.00	30.74 -0.76 0.00	29.71 -0.73 0.00	29.75 -0.73 0.00	29.95 -0.67 0.00	28.75 -0.62 0.00	37.62 -1.16 0.00	38.61 -1.32 0.00	45.65 -1.51 0.00	55.19 -1.36 0.00	64.35 -1.72 0.00	68.55 -2.34 0.00	77.88 -2.83 0.00	88.67 -3.31 0.00	96.74 -3.82 0.00	121.80 -4.81 0.00	138.28 -6.21 0.00	119.15 -5.61 0.00	87.88 -4.24 0.00	72.03 -3.31 0.00	65.71 -2.60 0.00	48.57 -1.66 0.00	42.32 -1.44 0.00
ST_LAW_230_BK6_LBMP 345036	34.20 -1.31 0.00	31.49 -0.81 0.00	30.74 -0.76 0.00	29.71 -0.73 0.00	29.75 -0.73 0.00	29.95 -0.67 0.00	28.75 -0.62 0.00	37.62 -1.16 0.00	38.61 -1.32 0.00	45.65 -1.51 0.00	55.19 -1.36 0.00	64.35 -1.72 0.00	68.55 -2.34 0.00	77.88 -2.83 0.00	88.67 -3.31 0.00	96.74 -3.82 0.00	121.80 -4.81 0.00	138.28 -6.21 0.00	119.15 -5.61 0.00	87.88 -4.24 0.00	72.03 -3.31 0.00	65.71 -2.60 0.00	48.57 -1.66 0.00	42.32 -1.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.43 1.92 0.00	33.59 1.29 0.00	32.79 1.29 0.00	31.53 1.10 0.00	31.58 1.10 0.00	31.75 1.13 0.00	30.45 1.09 0.00	40.49 1.71 0.00	42.04 2.12 0.00	49.43 2.26 0.00	58.76 2.21 0.00	68.38 2.31 0.00	73.65 2.76 0.00	84.18 3.47 0.00	96.30 4.32 0.00	105.79 5.23 0.00	136.55 7.72 -2.22	153.59 9.10 0.00	132.12 7.36 0.00	98.16 5.16 -0.89	81.54 4.07 -2.13	73.77 3.42 -2.05	52.54 2.31 0.00	46.08 2.32 0.00
SWANROAD_115KV_TB1 355699	36.01 0.50 0.00	32.11 -0.19 0.00	30.87 -0.63 0.00	30.23 -0.21 0.00	30.48 0.00 0.00	30.47 -0.15 0.00	29.81 0.44 0.00	38.24 -0.54 0.00	39.65 -0.28 0.00	47.31 0.14 0.00	56.55 0.00 0.00	66.73 0.66 0.00	72.09 1.21 0.00	82.00 1.29 0.00	92.44 0.46 0.00	100.96 0.40 0.00	125.60 -1.01 0.00	144.06 -0.43 0.00	127.01 2.25 0.00	94.70 2.58 0.00	77.07 1.73 0.00	69.13 0.82 0.00	51.18 0.95 0.00	44.42 0.66 0.00
SYNERGY___BIOGAS 323694	37.43 1.92 0.00	33.59 1.29 0.00	32.29 0.79 0.00	31.47 1.04 0.00	31.52 1.04 0.00	31.88 1.26 0.00	30.98 1.61 0.00	40.45 1.67 0.00	41.64 1.72 0.00	49.57 2.40 0.00	59.32 2.77 0.00	70.03 3.96 0.00	74.50 3.61 0.00	84.82 4.11 0.00	95.75 3.77 0.00	104.69 4.12 0.00	130.66 4.05 0.00	150.12 5.63 0.00	132.25 7.49 0.00	98.47 6.35 0.00	79.94 4.60 0.00	71.72 3.41 0.00	53.59 3.37 0.00	46.34 2.58 0.00
SYRACUSE___ENERGY_ST1 323597	36.92 0.32 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.78 0.03 -0.13	29.51 0.15 0.00	41.16 0.43 -1.94	42.31 0.48 -1.91	50.91 0.47 -3.28	62.18 0.34 -5.29	73.90 0.73 -7.10	79.69 0.78 -8.02	91.62 1.05 -9.86	104.37 1.01 -11.39	114.66 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.21 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84
SYRACUSE___ENERGY_ST2 323598	36.92 0.32 -1.09	32.86 0.10 -0.46	31.76 -0.03 -0.29	30.54 0.00 -0.10	30.58 0.00 -0.10	30.78 0.03 -0.13	29.51 0.15 0.00	41.16 0.43 -1.94	42.31 0.48 -1.91	50.91 0.47 -3.28	62.18 0.34 -5.29	73.90 0.73 -7.10	79.69 0.78 -8.02	91.62 1.05 -9.86	104.37 1.01 -11.39	114.66 1.11 -13.00	143.37 1.27 -15.50	161.49 2.02 -14.98	141.44 2.12 -14.56	105.49 1.66 -11.71	85.30 1.21 -8.75	76.63 0.82 -7.50	54.30 0.15 -3.92	46.56 -0.04 -2.84
SYRACUSE___POWER 24017	36.39 0.14 -0.73	32.55 -0.06 -0.31	31.54 -0.16 -0.20	30.38 -0.12 -0.07	30.42 -0.12 -0.07	30.59 -0.12 -0.09	29.37 0.00 0.00	40.29 0.19 -1.31	41.49 0.28 -1.29	49.75 0.38 -2.21	60.51 0.40 -3.56	71.58 0.73 -4.78	77.14 0.85 -5.40	88.47 1.13 -6.64	100.74 1.10 -7.67	110.52 1.21 -8.75	138.43 1.39 -10.43	156.59 2.02 -10.08	136.56 2.00 -9.80	101.66 1.66 -7.88	82.44 1.21 -5.89	74.18 0.82 -5.05	53.07 0.20 -2.64	45.68 0.00 -1.91
TALLMAN___138KV_BK151 55660	37.61 2.10 0.00	33.69 1.39 0.00	32.85 1.35 0.00	31.60 1.16 0.00	31.64 1.16 0.00	31.85 1.22 0.00	30.54 1.17 0.00	40.65 1.86 0.00	42.20 2.28 0.00	49.62 2.45 0.00	58.93 2.38 0.00	68.51 2.44 0.00	73.80 2.91 0.00	84.34 3.63 0.00	96.57 4.60 0.00	106.09 5.53 0.00	137.27 8.23 -2.43	154.03 9.54 0.00	132.37 7.61 0.00	98.29 5.25 -0.92	81.69 4.14 -2.21	73.85 3.42 -2.12	52.64 2.41 0.00	46.21 2.45 0.00
TEALLAVE_115KV_TB7 355573	36.28 0.18 -0.59	32.52 -0.03 -0.25	31.50 -0.16 -0.16	30.37 -0.12 -0.05	30.44 -0.09 -0.05	30.60 -0.09 -0.07	29.40 0.03 0.00	40.04 0.19 -1.06	41.29 0.32 -1.04	49.43 0.47 -1.79	59.89 0.45 -2.89	70.74 0.79 -3.88	76.19 0.92 -4.38	87.30 1.21 -5.38	99.38 1.20 -6.21	108.96 1.31 -7.09	136.58 1.52 -8.46	154.83 2.17 -8.17	134.95 2.25 -7.95	100.26 1.75 -6.39	81.40 1.28 -4.78	73.29 0.89 -4.09	52.67 0.30 -2.14	45.40 0.09 -1.55
TELGRAPH_34_KV_EAST 80808	36.83 1.31 0.00	32.95 0.65 0.00	31.66 0.16 0.00	30.93 0.49 0.00	31.12 0.64 0.00	31.11 0.49 0.00	30.48 1.12 0.00	39.33 0.54 0.00	40.80 0.88 0.00	48.63 1.46 0.00	58.13 1.58 0.00	68.64 2.58 0.00	73.87 2.98 0.00	84.18 3.47 0.00	94.92 2.94 0.00	103.78 3.22 0.00	129.27 2.66 0.00	148.39 3.90 0.00	130.75 5.99 0.00	97.37 5.25 0.00	79.18 3.84 0.00	70.97 2.66 0.00	52.54 2.31 0.00	45.51 1.75 0.00
TEMPLE___115KV_TB 2 55572	36.28 0.18 -0.59	32.52 -0.03 -0.25	31.53 -0.13 -0.16	30.40 -0.09 -0.05	30.44 -0.09 -0.05	30.63 -0.06 -0.07	29.40 0.03 0.00	40.08 0.23 -1.06	41.28 0.32 -1.04	49.47 0.52 -1.78	59.94 0.51 -2.88	70.79 0.86 -3.87	76.25 0.99 -4.37	87.37 1.29 -5.37	99.46 1.29 -6.20	109.05 1.41 -7.08	136.69 1.65 -8.44	154.96 2.31 -8.15	134.93 2.25 -7.93	100.33 1.84 -6.38	81.46 1.36 -4.77	73.35 0.96 -4.09	52.66 0.30 -2.13	45.40 0.09 -1.55
TIANA____69_KV_BK 1 55817	85.01 4.26 -45.23	52.97 3.17 -17.50	47.91 3.06 -13.36	45.53 2.77 -12.32	41.69 2.71 -8.49	45.43 2.82 -11.99	43.23 2.76 -11.10	53.39 4.31 -10.29	63.52 4.95 -18.65	79.38 5.61 -26.60	66.39 6.22 -3.62	80.75 6.61 -8.07	90.52 7.09 -12.55	116.72 8.64 -27.38	191.92 10.21 -89.73	297.16 11.16 -185.44	267.50 15.07 -125.82	271.07 17.63 -108.95	247.89 14.47 -108.66	219.37 10.32 -116.94	140.87 8.74 -56.79	109.35 7.51 -33.53	72.63 5.27 -17.13	66.34 5.03 -17.54
TILDEN___115KV_TB1 80814	36.39 0.14 -0.73	32.55 -0.06 -0.31	31.54 -0.16 -0.20	30.38 -0.12 -0.07	30.42 -0.12 -0.07	30.59 -0.12 -0.09	29.37 0.00 0.00	40.29 0.19 -1.31	41.49 0.28 -1.29	49.75 0.38 -2.21	60.51 0.40 -3.56	71.58 0.73 -4.78	77.14 0.85 -5.40	88.47 1.13 -6.64	100.74 1.10 -7.67	110.52 1.21 -8.75	138.43 1.39 -10.43	156.59 2.02 -10.08	136.56 2.00 -9.80	101.66 1.66 -7.88	82.44 1.21 -5.89	74.18 0.82 -5.05	53.07 0.20 -2.64	45.68 0.00 -1.91
TRIGEN___CC 323695	83.65 2.91 -45.22	51.90 2.10 -17.50	46.90 2.05 -13.36	44.59 1.83 -12.32	40.77 1.80 -8.49	44.48 1.87 -11.99	42.29 1.82 -11.10	51.99 2.91 -10.29	61.92 3.35 -18.64	77.49 3.73 -26.60	64.00 3.85 -3.61	70.10 4.03 0.00	84.45 4.75 -8.81	91.14 5.73 -4.70	107.70 6.90 -8.82	189.46 8.15 -80.75	206.90 11.52 -68.77	249.17 13.44 -91.24	244.27 10.85 -108.65	103.32 7.65 -3.55	96.14 6.10 -14.69	88.76 5.19 -15.26	67.84 3.72 -13.89	64.97 3.68 -17.53

TRINITY__115KV__4 BK 55933	36.90 1.38 0.00	33.33 1.03 0.00	32.57 1.07 0.00	31.47 1.03 0.00	31.49 1.01 0.00	31.54 0.92 0.00	30.10 0.73 0.00	39.91 1.12 0.00	41.20 1.28 0.00	48.58 1.41 0.00	57.85 1.30 0.00	67.46 1.39 0.00	72.17 1.28 0.00	82.16 1.45 0.00	94.00 2.02 0.00	94.12 2.51 8.96	118.33 3.29 11.57	135.99 4.19 12.69	119.33 3.37 8.80	96.63 2.49 -2.02	89.57 2.11 -12.12	81.82 1.78 -11.73	51.94 1.71 0.00	45.34 1.58 0.00
UNION__PROCESSING_DRP 323587	36.51 0.99 0.00	32.91 0.61 0.00	31.78 0.28 0.00	30.87 0.43 0.00	30.97 0.49 0.00	31.05 0.43 0.00	30.22 0.85 0.00	39.49 0.70 0.00	40.88 0.96 0.00	48.58 1.41 0.00	58.13 1.58 0.00	68.58 2.51 0.00	73.87 2.98 0.00	84.26 3.55 0.00	95.38 3.40 0.00	104.38 3.82 0.00	130.41 3.80 0.00	149.55 5.06 0.00	130.87 6.11 0.00	97.09 4.97 0.00	79.03 3.69 0.00	71.04 2.73 0.00	52.19 1.96 0.00	45.12 1.36 0.00
UPPER HUDSON__HYD 24058	37.82 2.31 0.00	34.11 1.81 0.00	33.20 1.70 0.00	31.93 1.49 0.00	32.03 1.55 0.00	32.09 1.47 0.00	30.89 1.53 0.00	41.43 2.64 0.00	42.76 2.83 0.00	50.51 3.35 0.00	60.28 3.73 0.00	70.50 4.43 0.00	76.42 5.53 0.00	86.76 6.06 0.00	99.34 7.36 0.00	123.02 7.94 -14.51	146.84 8.61 -11.62	175.60 10.54 -20.56	148.24 9.23 -14.25	117.83 7.92 -17.79	112.77 6.48 -30.95	104.28 6.28 -29.70	53.95 3.72 0.00	46.78 3.02 0.00
UPPER RAQUET__HYD 24056	34.27 -1.42 -0.18	31.51 -0.87 -0.08	30.70 -0.85 -0.05	29.63 -0.82 -0.02	29.70 -0.79 -0.02	29.94 -0.70 -0.02	28.87 -0.50 0.00	37.91 -1.20 -0.33	38.41 -1.84 -0.32	45.54 -2.17 -0.55	55.29 -2.15 -0.88	64.42 -2.84 -1.19	68.12 -4.11 -1.34	77.27 -5.08 -1.65	88.09 -5.79 -1.90	96.00 -6.74 -2.17	120.84 -8.36 -2.59	136.74 -10.26 -2.50	118.21 -8.98 -2.43	87.44 -6.63 -1.96	71.53 -5.28 -1.46	66.08 -3.48 -1.25	49.12 -1.76 -0.66	42.79 -1.44 -0.48
VALLEY44_115KV_TB2 355964	37.22 1.70 0.00	33.33 1.03 0.00	32.03 0.54 0.00	31.29 0.85 0.00	31.36 0.88 0.00	31.48 0.86 0.00	30.78 1.41 0.00	39.76 0.97 0.00	41.16 1.24 0.00	49.10 1.93 0.00	58.76 2.21 0.00	69.17 3.11 0.00	74.86 3.97 0.00	85.39 4.68 0.00	96.48 4.51 0.00	105.59 5.03 0.00	131.55 4.94 0.00	151.14 6.65 0.00	132.50 7.74 0.00	98.66 6.54 0.00	80.16 4.82 0.00	71.79 3.48 0.00	52.69 2.46 0.00	45.69 1.93 0.00
VALLEY__115KV_TB 1-4 80826	36.33 0.82 0.00	32.88 0.58 0.00	32.00 0.50 0.00	30.99 0.55 0.00	31.03 0.55 0.00	31.20 0.58 0.00	29.93 0.56 0.00	39.60 0.81 0.00	40.88 0.96 0.00	48.34 1.18 0.00	57.79 1.24 0.00	67.65 1.59 0.00	72.52 1.63 0.00	82.64 1.94 0.00	94.09 2.12 0.00	102.57 2.01 0.00	129.27 2.66 0.00	147.96 3.47 0.00	127.63 2.87 0.00	94.33 2.21 0.00	77.07 1.73 0.00	70.01 1.71 0.00	51.43 1.21 0.00	44.81 1.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.08 2.38 -0.18	34.28 1.91 -0.08	33.38 1.83 -0.05	32.22 1.77 -0.02	32.23 1.74 -0.02	32.42 1.78 -0.02	31.07 1.70 0.00	41.60 2.48 -0.33	43.00 2.75 -0.32	50.97 3.25 -0.55	60.95 3.51 -0.90	71.50 4.23 -1.20	76.93 4.68 -1.36	87.94 5.57 -1.67	100.25 6.35 -1.93	109.60 6.84 -2.20	137.71 8.48 -2.62	157.72 10.69 -2.53	136.83 9.61 -2.46	102.56 7.19 -3.26	85.77 5.88 -4.56	77.66 5.12 -4.23	54.36 3.47 -0.66	47.26 3.02 -0.48
VISCHER__FERRY HYD 24020	37.46 1.95 0.00	33.82 1.52 0.00	33.01 1.51 0.00	31.81 1.37 0.00	31.85 1.37 0.00	31.91 1.29 0.00	30.54 1.18 0.00	40.61 1.82 0.00	41.92 2.00 0.00	49.43 2.26 0.00	58.81 2.26 0.00	68.64 2.57 0.00	73.94 3.05 0.00	84.17 3.47 0.00	96.30 4.32 0.00	131.07 5.13 -25.38	154.36 6.45 -21.29	188.26 7.80 -35.97	156.29 6.61 -24.92	117.97 4.97 -20.89	109.05 4.14 -29.57	100.29 3.69 -28.29	52.94 2.71 0.00	46.17 2.41 0.00
V_A_10_SYNC_DSASP 323832	35.97 0.46 0.00	32.37 0.06 0.00	31.22 -0.28 0.00	30.53 0.09 0.00	30.51 0.03 0.00	30.74 0.12 0.00	29.87 0.50 0.00	38.98 0.19 0.00	40.09 0.16 0.00	47.73 0.57 0.00	57.23 0.68 0.00	67.32 1.25 0.00	72.73 1.84 0.00	82.72 2.02 0.00	93.36 1.38 0.00	102.07 1.51 0.00	127.25 0.64 0.00	145.94 1.44 0.00	128.13 3.37 0.00	95.34 3.22 0.00	77.68 2.34 0.00	69.67 1.37 0.00	51.43 1.20 0.00	44.55 0.79 0.00
V_CMM_10_SYNC_DSASP 323787	34.24 -1.28 0.00	31.56 -0.74 0.00	30.81 -0.69 0.00	29.77 -0.67 0.00	29.84 -0.64 0.00	30.01 -0.61 0.00	28.87 -0.50 0.00	37.74 -1.05 0.00	38.69 -1.24 0.00	45.75 -1.41 0.00	55.31 -1.24 0.00	64.48 -1.59 0.00	68.62 -2.27 0.00	77.96 -2.74 0.00	88.67 -3.31 0.00	96.74 -3.82 0.00	121.80 -4.81 0.00	138.28 -6.21 0.00	119.15 -5.61 0.00	87.88 -4.24 0.00	72.03 -3.31 0.00	65.78 -2.53 0.00	48.67 -1.56 0.00	42.40 -1.36 0.00
V_CMP_10_SYNC_DSASP 323788	34.41 -1.10 0.00	31.75 -0.55 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.15 -0.33 0.00	30.47 -0.15 0.00	29.46 0.09 0.00	38.59 -0.19 0.00	39.60 -0.32 0.00	46.88 -0.28 0.00	56.66 0.11 0.00	66.00 -0.07 0.00	67.98 -2.91 0.00	76.19 -4.52 0.00	86.74 -5.24 0.00	94.63 -5.93 0.00	119.40 -7.21 0.00	135.67 -8.82 0.00	116.90 -7.86 0.00	86.22 -5.90 0.00	70.74 -4.60 0.00	65.98 -2.32 0.00	49.93 -0.30 0.00	43.46 -0.30 0.00
V_D_10_SYNC_DSASP 323841	34.24 -1.28 0.00	31.56 -0.74 0.00	30.81 -0.69 0.00	29.77 -0.67 0.00	29.84 -0.64 0.00	30.04 -0.58 0.00	28.90 -0.47 0.00	37.78 -1.01 0.00	38.65 -1.28 0.00	45.65 -1.51 0.00	55.25 -1.30 0.00	64.35 -1.72 0.00	68.27 -2.62 0.00	77.56 -3.15 0.00	88.29 -3.68 0.00	96.24 -4.32 0.00	121.17 -5.44 0.00	137.56 -6.93 0.00	118.65 -6.11 0.00	87.42 -4.69 0.00	71.65 -3.69 0.00	65.64 -2.67 0.00	48.67 -1.56 0.00	42.40 -1.36 0.00
V_E_10_SYNC_DSASP 323830	39.98 4.05 -0.42	35.78 3.30 -0.18	34.48 2.87 -0.11	33.34 2.86 -0.04	33.35 2.84 -0.04	33.80 3.12 -0.05	32.68 3.32 0.00	44.31 4.77 -0.76	45.42 4.75 -0.74	54.05 5.61 -1.27	64.94 6.33 -2.06	76.76 7.92 -2.76	82.66 8.65 -3.12	94.63 10.09 -3.84	107.53 11.12 -4.43	117.58 11.96 -5.05	147.95 15.31 -6.03	170.82 20.51 -5.82	149.51 19.09 -5.66	111.72 14.46 -5.14	91.84 11.68 -4.82	82.77 10.18 -4.28	58.33 6.58 -1.52	50.29 5.43 -1.11
V_F_30_NSYNC__DSASP 323816	37.96 2.45 0.00	34.24 1.94 0.00	33.36 1.86 0.00	32.14 1.70 0.00	32.19 1.71 0.00	32.27 1.65 0.00	30.95 1.58 0.00	41.31 2.52 0.00	42.64 2.72 0.00	50.33 3.16 0.00	60.00 3.45 0.00	70.10 4.03 0.00	75.71 4.82 0.00	86.20 5.49 0.00	98.69 6.71 0.00	124.02 7.55 -15.91	148.46 8.99 -12.86	178.02 10.98 -22.55	149.99 9.61 -15.63	117.78 7.46 -18.21	112.25 6.10 -30.81	103.39 5.53 -29.55	53.80 3.57 0.00	46.82 3.06 0.00
V_F_30_SYNC_DSASP 323786	37.04 1.53 0.00	33.46 1.16 0.00	32.70 1.20 0.00	31.57 1.13 0.00	31.58 1.10 0.00	31.63 1.01 0.00	30.22 0.85 0.00	40.11 1.32 0.00	41.40 1.48 0.00	48.86 1.70 0.00	58.19 1.64 0.00	67.92 1.85 0.00	72.66 1.77 0.00	82.72 2.02 0.00	94.73 2.76 0.00	109.81 3.32 -5.93	133.64 4.30 -2.73	158.09 5.20 -8.40	134.82 4.24 -5.82	105.37 3.22 -10.03	97.25 2.64 -19.27	89.08 2.25 -18.52	52.14 1.91 0.00	45.51 1.75 0.00

V_XM10_SYNC_DSASP 323789	34.41 -1.10 0.00	31.75 -0.55 0.00	31.03 -0.47 0.00	30.04 -0.40 0.00	30.15 -0.33 0.00	30.47 -0.15 0.00	29.46 0.09 0.00	38.59 -0.19 0.00	39.60 -0.32 0.00	46.88 -0.28 0.00	56.66 0.11 0.00	66.00 -0.07 0.00	67.98 -2.91 0.00	76.19 -4.52 0.00	86.74 -5.24 0.00	94.63 -5.93 0.00	119.40 -7.21 0.00	135.67 -8.82 0.00	116.90 -7.86 0.00	86.22 -5.90 0.00	70.74 -4.60 0.00	65.98 -2.32 0.00	49.93 -0.30 0.00	43.46 -0.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.71 2.20 0.00	33.79 1.49 0.00	32.95 1.45 0.00	31.72 1.28 0.00	31.73 1.25 0.00	31.94 1.32 0.00	30.66 1.29 0.00	40.77 1.98 0.00	42.32 2.40 0.00	49.76 2.59 0.00	59.09 2.54 0.00	68.71 2.64 0.00	74.08 3.19 0.00	84.66 3.95 0.00	96.85 4.87 0.00	106.50 5.93 0.00	137.83 8.74 -2.48	154.60 10.11 0.00	132.99 8.23 0.00	98.66 5.62 -0.93	82.01 4.45 -2.22	74.14 3.69 -2.14	52.79 2.56 0.00	46.34 2.58 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.10 2.59 0.00	34.08 1.78 0.00	33.20 1.70 0.00	31.87 1.43 0.00	31.91 1.43 0.00	32.12 1.50 0.00	30.89 1.53 0.00	41.46 2.68 0.00	43.08 3.15 0.00	50.56 3.40 0.00	59.94 3.39 0.00	69.57 3.50 0.00	74.93 4.04 0.00	85.55 4.84 0.00	98.05 6.07 0.00	109.18 7.14 -1.48	139.76 10.38 -2.77	158.58 11.99 -2.10	135.82 9.61 -1.45	100.22 6.45 -1.65	83.31 5.20 -2.77	75.34 4.37 -2.66	53.39 3.16 0.00	47.04 3.28 0.00
W50THST__13_KV_LOAD 356117	38.35 2.84 0.00	34.24 1.94 0.00	33.39 1.89 0.00	32.05 1.61 0.00	32.10 1.62 0.00	32.30 1.68 0.00	31.10 1.73 0.00	41.81 3.03 0.00	43.44 3.51 0.00	51.03 3.87 0.00	60.51 3.96 0.00	70.30 4.23 0.00	75.71 4.82 0.00	86.35 5.65 0.00	98.97 6.99 0.00	110.09 8.04 -1.48	141.15 11.77 -2.77	160.17 13.58 -2.10	137.07 10.85 -1.45	101.05 7.28 -1.65	83.91 5.80 -2.77	75.88 4.92 -2.66	53.79 3.57 0.00	47.35 3.59 0.00
WADING RIVER_IC_1 23522	84.37 3.62 -45.23	52.45 2.65 -17.50	47.38 2.52 -13.36	45.01 2.25 -12.32	41.20 2.22 -8.49	44.87 2.27 -11.99	42.76 2.29 -11.10	52.80 3.72 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	65.03 4.86 -3.62	79.08 4.96 -8.05	89.16 5.74 -12.53	114.87 6.86 -27.31	189.74 8.28 -89.48	294.81 9.15 -185.10	264.54 12.28 -125.65	267.84 14.45 -108.90	245.28 11.86 -108.66	217.46 8.76 -116.59	139.00 7.01 -56.65	108.00 6.22 -33.47	71.72 4.37 -17.12	65.55 4.24 -17.54
WADING RIVER_IC_2 23547	84.37 3.62 -45.23	52.45 2.65 -17.50	47.38 2.52 -13.36	45.01 2.25 -12.32	41.20 2.22 -8.49	44.87 2.27 -11.99	42.76 2.29 -11.10	52.80 3.72 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	65.03 4.86 -3.62	79.08 4.96 -8.05	89.16 5.74 -12.53	114.87 6.86 -27.31	189.74 8.28 -89.48	294.81 9.15 -185.10	264.54 12.28 -125.65	267.84 14.45 -108.90	245.28 11.86 -108.66	217.46 8.76 -116.59	139.00 7.01 -56.65	108.00 6.22 -33.47	71.72 4.37 -17.12	65.55 4.24 -17.54
WADING RIVER_IC_3 23601	84.37 3.62 -45.23	52.45 2.65 -17.50	47.38 2.52 -13.36	45.01 2.25 -12.32	41.20 2.22 -8.49	44.87 2.27 -11.99	42.76 2.29 -11.10	52.80 3.72 -10.29	62.76 4.19 -18.65	78.39 4.62 -26.60	65.03 4.86 -3.62	79.08 4.96 -8.05	89.16 5.74 -12.53	114.87 6.86 -27.31	189.74 8.28 -89.48	294.81 9.15 -185.10	264.54 12.28 -125.65	267.84 14.45 -108.90	245.28 11.86 -108.66	217.46 8.76 -116.59	139.00 7.01 -56.65	108.00 6.22 -33.47	71.72 4.37 -17.12	65.55 4.24 -17.54
WALDENNY_12_KV_BK2 80841	37.22 1.70 0.00	33.30 1.00 0.00	31.97 0.47 0.00	31.29 0.85 0.00	31.39 0.91 0.00	31.42 0.80 0.00	30.81 1.44 0.00	39.80 1.01 0.00	41.28 1.36 0.00	49.33 2.17 0.00	59.04 2.49 0.00	69.70 3.63 0.00	75.43 4.54 0.00	86.03 5.33 0.00	96.94 4.97 0.00	105.99 5.43 0.00	131.93 5.32 0.00	151.28 6.79 0.00	133.12 8.36 0.00	99.12 7.00 0.00	80.54 5.20 0.00	72.13 3.83 0.00	53.14 2.91 0.00	46.08 2.32 0.00
WALDEN__HYDRO 24148	37.68 2.17 0.00	33.79 1.49 0.00	32.98 1.48 0.00	31.72 1.28 0.00	31.76 1.28 0.00	31.97 1.35 0.00	30.63 1.26 0.00	40.73 1.94 0.00	42.28 2.36 0.00	49.76 2.59 0.00	59.09 2.54 0.00	68.78 2.71 0.00	74.22 3.33 0.00	84.82 4.12 0.00	97.03 5.06 0.00	106.70 6.13 0.00	137.32 8.99 -1.72	155.04 10.55 0.00	133.62 8.86 0.00	99.36 6.26 -0.98	82.59 4.90 -2.36	74.74 4.17 -2.27	52.94 2.71 0.00	46.39 2.63 0.00
WARRENSBURG____ 23737	37.82 2.31 0.00	34.11 1.81 0.00	33.20 1.70 0.00	31.93 1.49 0.00	32.03 1.55 0.00	32.09 1.47 0.00	30.89 1.53 0.00	41.43 2.64 0.00	42.76 2.83 0.00	50.51 3.35 0.00	60.28 3.73 0.00	70.50 4.43 0.00	76.42 5.53 0.00	86.76 6.06 0.00	99.34 7.36 0.00	123.02 7.94 -14.51	146.84 8.61 -11.62	175.60 10.54 -20.56	148.24 9.23 -14.25	117.83 7.92 -17.79	112.77 6.48 -30.95	104.28 6.28 -29.70	53.95 3.72 0.00	46.78 3.02 0.00
WATERSIDE____6 8 9 23538	38.14 2.63 0.00	34.08 1.78 0.00	33.23 1.73 0.00	31.90 1.46 0.00	31.91 1.43 0.00	32.09 1.47 0.00	30.87 1.50 0.00	41.50 2.72 0.00	43.08 3.15 0.00	50.42 3.25 0.00	59.49 2.94 0.00	68.91 2.84 0.00	74.22 3.33 0.00	84.65 3.95 0.01	97.03 5.06 0.01	108.07 6.03 -1.47	138.75 9.37 -2.77	157.42 10.84 -2.10	134.57 8.36 -1.45	99.29 5.53 -1.65	82.55 4.45 -2.76	74.71 3.76 -2.65	53.14 2.91 0.00	47.04 3.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.15 0.64 0.00	32.75 0.45 0.00	31.91 0.41 0.00	30.87 0.43 0.00	30.91 0.43 0.00	31.05 0.43 0.00	29.78 0.41 0.00	39.41 0.62 0.00	40.64 0.72 0.00	48.01 0.85 0.00	57.40 0.85 0.00	67.13 1.06 0.00	72.02 1.13 0.00	82.08 1.37 0.00	93.54 1.56 0.00	102.17 1.61 0.00	128.64 2.03 0.00	147.24 2.75 0.00	127.13 2.37 0.00	93.87 1.75 0.00	76.77 1.43 0.00	69.67 1.37 0.00	51.18 0.95 0.00	44.59 0.83 0.00
WATSON__69_KV_BK 1 55734	84.86 4.12 -45.23	52.90 3.10 -17.50	47.85 2.99 -13.36	45.50 2.74 -12.32	41.66 2.68 -8.49	45.40 2.79 -11.99	43.20 2.73 -11.10	53.31 4.23 -10.29	63.36 4.79 -18.64	79.14 5.38 -26.60	65.93 5.77 -3.61	86.91 6.08 -14.76	88.53 6.95 -10.69	105.23 8.39 -16.13	151.40 9.84 -49.58	243.32 11.16 -131.59	239.57 15.45 -97.51	262.57 17.92 -100.16	248.26 14.85 -108.66	163.39 10.59 -60.68	119.79 8.81 -35.63	100.28 7.51 -24.46	75.43 5.37 -19.82	66.37 5.08 -17.54
WDELAWARE__HYD 323627	36.97 1.46 0.00	33.17 0.87 0.00	32.35 0.85 0.00	31.11 0.67 0.00	31.15 0.67 0.00	31.33 0.70 0.00	30.04 0.68 0.00	39.99 1.20 0.00	41.44 1.52 0.00	48.39 1.22 0.00	57.45 0.90 0.00	66.99 0.92 0.00	72.59 1.70 0.00	82.68 2.26 0.28	94.29 2.94 0.63	104.29 3.72 0.00	132.05 6.20 0.77	152.14 7.65 0.00	131.24 6.48 0.00	97.69 4.51 -1.06	81.29 3.39 -2.56	74.11 3.35 -2.46	52.09 1.86 0.00	45.56 1.79 0.00
WEST BABYLON__IC 23714	84.57 3.84 -45.22	52.65 2.84 -17.50	47.63 2.77 -13.36	45.29 2.53 -12.32	41.47 2.50 -8.49	45.15 2.54 -11.99	42.99 2.53 -11.10	53.00 3.92 -10.29	62.99 4.43 -18.64	78.77 5.00 -26.60	65.53 5.37 -3.61	78.23 5.68 -6.48	86.75 6.59 -9.27	96.10 7.91 -7.49	120.02 9.29 -18.75	201.75 10.66 -90.53	217.20 14.81 -75.78	255.24 17.34 -93.41	247.64 14.22 -108.65	119.72 10.13 -17.47	103.13 8.36 -19.43	92.91 7.10 -17.50	71.80 5.07 -16.49	66.11 4.81 -17.53

WEST CANADA___HYD 24049	35.90 0.39 0.00	32.56 0.26 0.00	31.75 0.25 0.00	30.68 0.24 0.00	30.72 0.24 0.00	30.86 0.24 0.00	29.57 0.21 0.00	39.18 0.39 0.00	40.36 0.44 0.00	47.64 0.47 0.00	57.00 0.45 0.00	66.59 0.53 0.00	71.53 0.64 0.00	81.35 0.64 0.00	92.80 0.83 0.00	101.47 0.90 0.00	127.75 1.14 0.00	146.08 1.59 0.00	126.14 1.37 0.00	93.13 1.02 0.00	76.25 0.91 0.00	69.06 0.75 0.00	50.78 0.55 0.00	44.29 0.53 0.00
WESTERN_NY_WIND 24143	37.43 1.92 0.00	33.53 1.23 0.00	32.22 0.72 0.00	31.41 0.97 0.00	31.61 1.13 0.00	31.63 1.01 0.00	31.01 1.64 0.00	40.11 1.32 0.00	41.60 1.68 0.00	49.48 2.31 0.00	59.15 2.60 0.00	69.90 3.83 0.00	74.43 3.54 0.00	84.82 4.12 0.00	95.75 3.77 0.00	104.79 4.22 0.00	130.66 4.05 0.00	150.13 5.64 0.00	132.25 7.49 0.00	98.47 6.36 0.00	80.01 4.67 0.00	71.79 3.48 0.00	53.49 3.26 0.00	46.26 2.49 0.00
WESTOVER___LESR 323668	37.05 1.14 -0.40	33.25 0.78 -0.17	32.21 0.60 -0.11	31.14 0.67 -0.04	31.19 0.67 -0.04	31.34 0.67 -0.05	30.16 0.79 0.00	40.59 1.09 -0.72	41.87 1.24 -0.71	49.98 1.60 -1.21	60.26 1.75 -1.96	71.01 2.31 -2.63	76.48 2.62 -2.97	87.50 3.15 -3.65	99.59 3.40 -4.21	109.19 3.82 -4.81	136.77 4.43 -5.73	155.81 5.78 -5.54	135.89 5.74 -5.39	101.44 4.61 -4.72	83.05 3.54 -4.17	74.85 2.87 -3.67	53.44 1.76 -1.45	46.21 1.40 -1.05
WETHRSFD_WT_PWR 323626	36.83 1.31 0.00	33.01 0.71 0.00	31.78 0.28 0.00	31.08 0.64 0.00	31.09 0.61 0.00	31.39 0.77 0.00	30.48 1.12 0.00	39.95 1.16 0.00	41.08 1.16 0.00	49.00 1.84 0.00	58.75 2.20 0.00	69.04 2.98 0.00	74.64 3.75 0.00	84.90 4.19 0.00	95.84 3.86 0.00	104.79 4.22 0.00	130.78 4.17 0.00	150.12 5.63 0.00	131.74 6.98 0.00	98.02 5.90 0.00	79.71 4.37 0.00	71.59 3.28 0.00	52.59 2.36 0.00	45.60 1.84 0.00
WHAVSTOR_138KV_BK127 55557	37.54 2.02 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.78 1.16 0.00	30.51 1.15 0.00	40.57 1.78 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.31 2.25 0.00	73.58 2.69 0.00	84.09 3.39 0.00	96.21 4.23 0.00	105.79 5.23 0.00	136.82 7.72 -2.49	153.59 9.10 0.00	132.00 7.24 0.00	98.02 4.97 -0.93	81.49 3.92 -2.23	73.66 3.21 -2.15	52.49 2.26 0.00	46.12 2.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.54 2.02 0.00	33.66 1.36 0.00	32.82 1.32 0.00	31.57 1.13 0.00	31.61 1.13 0.00	31.78 1.16 0.00	30.51 1.15 0.00	40.57 1.78 0.00	42.08 2.16 0.00	49.48 2.31 0.00	58.76 2.21 0.00	68.31 2.25 0.00	73.58 2.69 0.00	84.09 3.39 0.00	96.21 4.23 0.00	105.79 5.23 0.00	136.82 7.72 -2.49	153.59 9.10 0.00	132.00 7.24 0.00	98.02 4.97 -0.93	81.49 3.92 -2.23	73.66 3.21 -2.15	52.49 2.26 0.00	46.12 2.36 0.00
WHITEHAL_115KV_TB1 80871	38.92 3.41 0.00	35.05 2.75 0.00	34.05 2.55 0.00	32.75 2.31 0.00	32.86 2.38 0.00	32.95 2.33 0.00	31.75 2.38 0.00	42.70 3.92 0.00	44.16 4.23 0.00	52.16 5.00 0.00	62.26 5.71 0.00	72.94 6.87 0.00	79.04 8.15 0.00	90.07 9.36 0.00	103.10 11.13 0.00	127.72 12.07 -15.09	152.80 14.05 -12.13	182.79 16.91 -21.39	154.55 14.97 -14.82	122.15 12.07 -17.96	116.17 9.95 -30.89	107.23 9.29 -29.64	55.70 5.47 0.00	48.18 4.42 0.00
WHITEPLN_13_KV_LOAD 356215	38.21 2.70 0.00	34.24 1.94 0.00	33.39 1.89 0.00	32.11 1.67 0.00	32.13 1.65 0.00	32.34 1.71 0.00	31.04 1.67 0.00	41.62 2.83 0.00	43.24 3.31 0.00	50.94 3.77 0.00	60.51 3.96 0.00	70.43 4.36 0.00	75.92 5.03 0.00	86.92 6.21 0.00	99.61 7.63 0.00	111.09 9.05 -1.47	142.16 12.79 -2.76	161.61 15.03 -2.09	138.31 12.10 -1.45	102.15 8.38 -1.65	84.66 6.55 -2.76	76.35 5.40 -2.65	53.84 3.62 0.00	47.31 3.54 0.00
WM_FLOYD_69_KV_BK2 356380	84.69 3.94 -45.23	52.71 2.91 -17.50	47.66 2.80 -13.36	45.32 2.56 -12.32	41.47 2.50 -8.49	45.21 2.60 -11.99	43.02 2.55 -11.10	53.08 4.00 -10.29	63.12 4.55 -18.65	78.81 5.05 -26.60	65.48 5.32 -3.62	79.63 5.42 -8.14	89.67 6.17 -12.61	115.98 7.51 -27.77	192.00 8.92 -91.10	297.91 10.06 -187.29	267.20 13.80 -126.79	269.93 16.18 -109.25	246.77 13.35 -108.66	220.56 9.58 -118.86	140.84 7.99 -57.51	109.05 6.90 -33.84	72.21 4.82 -17.16	65.99 4.68 -17.54
WOODARD__115KV_TB2 355635	36.37 0.07 -0.79	32.54 -0.10 -0.33	31.52 -0.19 -0.21	30.36 -0.15 -0.07	30.40 -0.15 -0.07	30.56 -0.15 -0.09	29.34 -0.03 0.00	40.35 0.16 -1.41	41.51 0.20 -1.38	49.87 0.33 -2.37	60.72 0.34 -3.83	71.80 0.59 -5.14	77.40 0.71 -5.81	88.81 0.97 -7.14	101.13 0.92 -8.24	110.97 1.01 -9.40	138.96 1.14 -11.21	157.06 1.73 -10.84	137.17 1.87 -10.54	102.06 1.47 -8.47	82.73 1.05 -6.33	74.49 0.75 -5.43	53.21 0.15 -2.84	45.82 0.00 -2.06
YORK___WARBASSE 23770	38.43 2.91 -0.01	34.31 2.00 -0.01	33.46 1.95 -0.01	32.09 1.64 -0.01	32.13 1.65 -0.01	32.24 1.62 0.00	30.95 1.59 0.00	41.70 2.91 0.00	43.32 3.39 0.00	50.76 3.58 -0.01	59.77 3.22 0.00	69.31 3.24 0.00	74.72 3.83 0.00	84.73 4.04 0.01	97.21 5.24 0.01	108.27 6.23 -1.47	139.38 10.00 -2.77	158.00 11.41 -2.10	135.07 8.86 -1.45	99.57 5.80 -1.65	82.78 4.67 -2.76	75.06 4.10 -2.65	53.39 3.16 0.00	47.36 3.59 -0.01