

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/08/2025

Name	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
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	60.11	73.19	63.84	59.65	56.30	58.58	77.00	88.21	82.80	69.25	60.27	55.87	40.04	39.70	50.46	74.49	93.57	97.04	96.48	88.00	76.77	88.88	94.35	76.42
24138	2.49	3.19	2.69	2.52	2.23	3.11	4.46	5.21	5.14	4.00	3.96	4.07	3.00	2.83	3.62	4.91	6.32	6.22	6.43	5.75	5.03	5.17	5.38	4.26
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.93	-6.63	-2.06	-8.98	-1.41	-1.37
74TH STREET_GT_1	60.15	73.25	63.89	59.72	56.34	58.65	77.07	88.29	82.86	69.31	60.31	55.91	40.03	39.66	50.45	74.49	93.60	97.09	96.51	88.02	76.80	88.91	94.37	76.44
24260	2.53	3.25	2.74	2.59	2.27	3.17	4.53	5.28	5.20	4.06	4.00	4.11	3.00	2.79	3.61	4.91	6.35	6.27	6.45	5.77	5.06	5.19	5.40	4.28
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
74TH STREET_GT_2	60.15	73.25	63.89	59.72	56.34	58.65	77.07	88.29	82.86	69.31	60.31	55.91	40.03	39.66	50.45	74.49	93.60	97.09	96.51	88.02	76.80	88.91	94.37	76.44
24261	2.53	3.25	2.74	2.59	2.27	3.17	4.53	5.28	5.20	4.06	4.00	4.11	3.00	2.79	3.61	4.91	6.35	6.27	6.45	5.77	5.06	5.19	5.40	4.28
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
ADK HUDSON___FALLS	225.48	210.97	204.96	175.12	214.85	85.57	79.14	90.67	86.54	70.82	61.01	55.98	39.95	39.78	50.69	75.47	95.17	184.93	144.21	119.77	98.26	177.62	110.95	92.10
24011	3.49	4.78	4.03	3.91	3.35	4.83	6.59	7.67	7.38	5.56	4.70	4.18	2.91	2.91	3.86	5.89	7.92	8.09	8.26	7.27	6.68	7.27	8.36	6.71
	-181.41	-150.30	-154.27	-125.90	-173.74	-27.89	0.00	0.00	-1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-94.92	-50.84	-36.88	-21.89	-95.61	-15.03	-14.60
ADK RESOURCE___RCVRY	226.70	212.04	206.02	176.02	216.02	86.01	79.47	91.10	86.96	70.97	61.10	56.07	40.02	39.84	50.75	75.63	95.48	185.97	145.01	120.41	98.85	178.75	111.78	92.77
23798	3.61	4.95	4.16	4.05	3.47	5.11	6.93	8.09	7.79	5.72	4.78	4.27	2.98	2.97	3.92	6.06	8.23	8.57	8.75	7.71	7.14	7.82	9.10	7.29
	-182.50	-151.20	-155.19	-126.66	-174.79	-28.05	0.00	0.00	-1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-95.49	-51.14	-37.08	-22.03	-96.18	-15.13	-14.68
ADK S GLENS___FALLS	225.48	210.97	204.96	175.12	214.85	85.57	79.14	90.67	86.54	70.82	61.01	55.98	39.95	39.78	50.69	75.47	95.17	184.93	144.21	119.77	98.26	177.62	110.95	92.10
24028	3.49	4.78	4.03	3.91	3.35	4.83	6.59	7.67	7.38	5.56	4.70	4.18	2.91	2.91	3.86	5.89	7.92	8.09	8.26	7.27	6.68	7.27	8.36	6.71
	-181.41	-150.30	-154.27	-125.90	-173.74	-27.89	0.00	0.00	-1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-94.92	-50.84	-36.88	-21.89	-95.61	-15.03	-14.60
ADK_NYS___DAM	170.34	164.98	157.93	136.63	162.02	76.17	77.69	88.71	84.10	69.60	60.32	55.58	39.71	39.44	50.18	74.42	93.38	154.18	126.80	108.12	90.10	147.03	104.26	86.02
23527	2.99	4.07	3.47	3.34	2.86	3.83	5.14	5.71	5.44	4.35	4.01	3.78	2.67	2.57	3.35	4.84	6.13	5.94	6.10	5.51	5.11	5.48	6.20	5.02
	-126.76	-105.02	-107.80	-87.97	-121.41	-19.49	0.00	0.00	-1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-66.33	-35.59	-26.99	-15.30	-66.81	-10.51	-10.20
AIR_PRODUCTS___DRP	133.61	133.72	126.36	110.62	126.97	68.93	75.21	85.90	81.16	67.47	58.35	53.79	38.45	38.20	48.66	72.07	90.41	132.78	113.88	99.03	83.27	125.81	98.32	80.77
24190	1.46	1.98	1.84	1.77	1.52	2.01	2.67	2.89	2.82	2.22	2.04	1.99	1.41	1.33	1.82	2.49	3.17	2.96	3.00	2.71	2.54	2.82	3.18	2.62
	-91.56	-75.86	-77.86	-63.54	-87.69	-14.07	0.00	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-47.91	-25.76	-20.70	-11.05	-48.25	-7.59	-7.37
AKWESSNE_115KV_BK	40.77	56.23	46.74	45.35	37.69	52.84	72.42	83.03	77.39	65.52	56.15	51.50	36.79	36.63	46.42	69.24	86.76	81.13	84.35	74.93	69.28	74.53	87.78	70.94
355683	0.18	0.34	0.08	0.04	-0.07	-0.02	-0.13	0.03	-0.11	0.27	-0.16	-0.30	-0.25	-0.24	-0.41	-0.34	-0.49	-0.78	-0.77	-0.69	-0.41	-0.21	0.23	0.16
	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	117.05	120.81	112.70	99.75	111.05	68.10	77.82	88.81	83.40	69.11	59.19	54.32	38.64	38.57	49.61	73.57	93.35	126.27	111.87	98.32	83.44	118.70	99.72	81.81
323833	2.99	4.05	3.56	3.46	2.92	3.96	5.28	5.80	5.22	3.86	2.88	2.52	1.61	1.70	2.78	3.99	6.11	5.91	6.04	5.34	4.89	5.23	6.07	5.11
	-73.47	-60.87	-62.47	-50.99	-70.36	-11.29	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-38.44	-20.71	-17.37	-8.87	-38.72	-6.09	-5.91
ALBANY_2_SOLAR	117.03	120.80	112.68	99.74	111.04	68.10	77.81	88.81	83.40	69.10	59.18	54.32	38.64	38.57	49.60	73.57	93.34	126.26	111.87	98.31	83.43	118.68	99.70	81.80
323834	2.98	4.05	3.55	3.44	2.92	3.95	5.26	5.80	5.22	3.84	2.87	2.52	1.60	1.70	2.77	3.99	6.09	5.91	6.04	5.32	4.87	5.22	6.05	5.10
	-73.46	-60.87	-62.47	-50.99	-70.36	-11.29	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-38.44	-20.71	-17.37	-8.87	-38.72	-6.09	-5.91
ALBANY___1	133.61	133.72	126.36	110.62	126.97	68.93	75.21	85.90	81.16	67.47	58.35	53.79	38.45	38.20	48.66	72.07	90.41	132.78	113.88	99.03	83.27	125.81	98.32	80.77
23571	1.46	1.98	1.84	1.77	1.52	2.01	2.67	2.89	2.82	2.22	2.04	1.99	1.41	1.33	1.82	2.49	3.17	2.96	3.00	2.71	2.54	2.82	3.18	2.62
	-91.56	-75.86	-77.86	-63.54	-87.69	-14.07	0.00	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-47.91	-25.76	-20.70	-11.05	-48.25	-7.59	-7.37

ALBANY___2 23572	133.61 1.46 -91.56	133.72 1.98 -75.86	126.36 1.84 -77.86	110.62 1.77 -63.54	126.97 1.52 -87.69	68.93 2.01 -14.07	75.21 2.67 0.00	85.90 2.89 0.00	81.16 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.07 2.49 0.00	90.41 3.17 0.00	132.78 2.96 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.54 -11.05	125.81 2.82 -48.25	98.32 3.18 -7.59	80.77 2.62 -7.37
ALBANY___3 23573	133.61 1.46 -91.56	133.72 1.98 -75.86	126.36 1.84 -77.86	110.62 1.77 -63.54	126.97 1.52 -87.69	68.93 2.01 -14.07	75.21 2.67 0.00	85.90 2.89 0.00	81.16 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.07 2.49 0.00	90.41 3.17 0.00	132.78 2.96 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.54 -11.05	125.81 2.82 -48.25	98.32 3.18 -7.59	80.77 2.62 -7.37
ALBANY___4 23574	133.61 1.46 -91.56	133.72 1.98 -75.86	126.36 1.84 -77.86	110.62 1.77 -63.54	126.97 1.52 -87.69	68.93 2.01 -14.07	75.21 2.67 0.00	85.90 2.89 0.00	81.16 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.07 2.49 0.00	90.41 3.17 0.00	132.78 2.96 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.54 -11.05	125.81 2.82 -48.25	98.32 3.18 -7.59	80.77 2.62 -7.37
ALBANY___LFGE 323615	160.97 1.80 -118.58	156.57 2.44 -98.25	149.70 2.20 -100.84	129.73 2.12 -82.30	153.15 1.83 -113.57	73.51 2.43 -18.23	75.80 3.25 0.00	86.60 3.60 0.00	82.08 3.49 -1.08	68.03 2.78 0.00	58.84 2.53 0.00	54.22 2.42 0.00	38.76 1.72 0.00	38.52 1.65 0.00	49.06 2.23 0.00	72.70 3.13 0.00	91.26 4.01 0.00	147.73 3.77 -62.05	122.28 3.86 -33.31	104.63 3.46 -25.56	87.19 3.19 -14.31	140.73 3.49 -62.50	101.30 3.91 -9.83	83.53 3.20 -9.54
ALCOA_PA_115KV_PL-6C 55860	40.98 0.39 0.00	56.52 0.63 0.00	46.98 0.32 0.00	45.60 0.28 0.00	37.89 0.12 0.00	53.11 0.26 0.00	72.81 0.26 0.00	83.52 0.52 0.00	77.83 0.33 0.00	65.88 0.63 0.00	56.39 0.08 0.00	51.71 -0.08 0.00	36.93 -0.11 0.00	36.77 -0.09 0.00	46.61 -0.23 0.00	69.60 0.03 0.00	87.17 -0.07 0.00	81.41 -0.51 0.00	84.65 -0.46 0.00	75.19 -0.43 0.00	69.56 -0.12 0.00	74.89 0.14 0.00	88.28 0.72 0.00	71.36 0.56 0.00
ALCOA_RYNLDS___DRP 24188	40.98 0.39 0.00	56.52 0.63 0.00	46.98 0.32 0.00	45.60 0.28 0.00	37.89 0.12 0.00	53.11 0.26 0.00	72.81 0.26 0.00	83.52 0.52 0.00	77.83 0.33 0.00	65.88 0.63 0.00	56.39 0.08 0.00	51.71 -0.08 0.00	36.93 -0.11 0.00	36.77 -0.09 0.00	46.61 -0.23 0.00	69.60 0.03 0.00	87.17 -0.07 0.00	81.41 -0.51 0.00	84.65 -0.46 0.00	75.19 -0.43 0.00	69.56 -0.12 0.00	74.89 0.14 0.00	88.28 0.72 0.00	71.36 0.56 0.00
ALCOA___DSASP 323711	40.98 0.39 0.00	56.52 0.63 0.00	46.98 0.32 0.00	45.60 0.29 0.00	37.89 0.12 0.00	53.11 0.26 0.00	72.81 0.26 0.00	83.52 0.52 0.00	77.83 0.33 0.00	65.88 0.63 0.00	56.39 0.08 0.00	51.72 -0.08 0.00	36.93 -0.11 0.00	36.77 -0.09 0.00	46.61 -0.23 0.00	69.60 0.03 0.00	87.17 -0.07 0.00	81.41 -0.50 0.00	84.66 -0.46 0.00	75.19 -0.43 0.00	69.56 -0.12 0.00	74.89 0.14 0.00	88.28 0.72 0.00	71.36 0.57 0.00
ALLEGHENY___COGEN 23514	38.96 -1.63 0.00	53.70 -2.19 0.00	45.07 -1.60 0.00	44.08 -1.23 0.00	36.87 -0.89 0.00	51.74 -1.11 0.00	71.33 -1.21 0.00	81.03 -1.97 0.00	75.75 -1.75 0.00	63.59 -1.67 0.00	54.51 -1.80 0.00	49.11 -2.68 0.00	34.86 -2.18 0.00	35.12 -1.75 0.00	45.26 -1.58 0.00	67.31 -2.26 0.00	84.04 -3.21 0.00	79.22 -2.70 0.00	82.27 -2.90 -0.06	73.94 -2.80 -1.12	66.76 -2.93 0.00	71.59 -3.15 0.00	84.45 -3.11 0.00	69.03 -1.76 0.00
ALTAMONT_115KV_TB 2 55880	112.75 1.48 -70.68	116.47 2.02 -58.56	108.59 1.82 -60.11	96.10 1.74 -49.05	106.95 1.50 -67.69	65.72 2.00 -10.87	75.25 2.71 0.00	86.03 3.03 0.00	81.09 2.94 -0.64	67.52 2.26 0.00	58.37 2.06 0.00	53.78 1.99 0.00	38.44 1.40 0.00	38.20 1.33 0.00	48.66 1.83 0.00	72.15 2.58 0.00	90.62 3.37 0.00	122.17 3.27 -36.98	108.40 3.34 -19.94	95.63 3.04 -16.97	80.94 2.73 -8.53	114.89 2.90 -37.25	96.61 3.20 -5.86	79.08 2.60 -5.69
ALTONA_WT_PWR 323606	40.97 0.39 0.00	56.68 0.80 0.00	47.31 0.65 0.00	45.88 0.57 0.00	37.91 0.15 0.00	52.89 0.03 0.00	71.77 -0.77 0.00	82.59 -0.41 0.00	77.49 -0.01 0.00	65.72 0.46 0.00	56.40 0.09 0.00	51.71 -0.08 0.00	36.98 -0.06 0.00	36.88 0.01 0.00	46.96 0.13 0.00	70.12 0.55 0.00	88.17 0.93 0.00	82.38 0.46 0.00	85.60 0.48 0.00	75.96 0.34 0.00	70.02 0.34 0.00	75.18 0.44 0.00	88.63 1.07 0.00	71.81 1.01 0.00
AMERICAN_REF_FUEL 24010	35.96 -4.63 0.00	49.66 -6.23 0.00	41.61 -5.05 0.00	40.88 -4.43 0.00	34.21 -3.55 0.00	47.90 -4.96 0.00	66.04 -6.50 0.00	73.81 -9.19 0.00	69.19 -8.31 0.00	59.01 -6.24 0.00	51.92 -4.39 0.00	46.92 -4.88 0.00	33.55 -3.49 0.00	33.62 -3.25 0.00	42.33 -4.51 0.00	62.71 -6.87 0.00	77.40 -9.85 0.00	72.35 -9.56 0.00	74.63 -10.54 -0.05	66.89 -9.71 -0.98	61.04 -8.64 0.00	65.82 -8.92 0.00	78.46 -9.10 0.00	64.52 -6.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.66 -2.93 0.00	52.30 -3.59 0.00	43.83 -2.83 0.00	43.11 -2.20 0.00	36.04 -1.72 0.00	50.54 -2.31 0.00	69.73 -2.81 0.00	78.40 -4.60 0.00	73.06 -4.44 0.00	61.94 -3.31 0.00	54.21 -2.10 0.00	49.06 -2.74 0.00	35.17 -1.86 0.00	35.44 -1.43 0.00	44.53 -2.31 0.00	65.68 -3.89 0.00	80.94 -6.31 0.00	76.03 -5.88 0.00	78.56 -6.61 -0.06	70.58 -6.12 -1.09	64.61 -5.07 0.00	69.50 -5.24 0.00	82.75 -4.81 0.00	67.90 -2.89 0.00
ARTHUR KILL_GT_1 23520	59.89 2.27 -17.03	72.93 2.93 -14.11	63.62 2.48 -14.48	59.46 2.33 -11.82	57.25 2.15 -17.34	58.53 2.90 -2.77	76.59 4.04 0.00	87.68 4.68 0.00	82.27 4.61 -0.15	68.86 3.61 0.00	59.90 3.57 -0.01	62.68 3.88 -7.01	56.49 2.85 -16.60	56.61 2.75 -16.99	59.97 3.56 -9.57	80.79 4.57 -6.64	93.23 5.99 0.00	139.84 5.97 -51.95	192.12 6.25 -100.76	204.76 5.63 -123.51	76.62 4.88 -2.06	88.75 5.04 -8.98	93.66 4.69 -1.41	76.08 3.92 -1.37
ARTHUR_KILL_2 23512	59.77 2.15 -17.03	72.75 2.76 -14.11	63.48 2.33 -14.48	59.33 2.20 -11.82	57.14 2.04 -17.34	58.37 2.74 -2.77	76.36 3.82 0.00	87.42 4.42 0.00	82.03 4.37 -0.15	68.67 3.41 0.00	59.75 3.42 -0.01	62.54 3.73 -7.01	56.40 2.76 -16.60	56.51 2.65 -16.99	59.83 3.44 -9.57	80.58 4.37 -6.64	92.96 5.71 0.00	139.56 5.69 -51.95	191.84 5.96 -100.76	204.50 5.38 -123.51	76.38 4.65 -2.06	88.50 4.79 -8.98	93.39 4.43 -1.41	75.86 3.70 -1.37
ARTHUR_KILL_3 23513	59.61 2.00 -17.03	57.78 2.50 0.61	57.99 2.11 -9.22	57.14 1.98 -9.85	56.93 1.78 -17.39	58.09 2.46 -2.78	58.11 3.52 17.96	70.70 4.13 16.43	57.78 4.07 23.79	57.78 3.08 10.56	57.91 3.13 1.54	62.21 3.31 -7.10	56.95 2.45 -17.46	57.00 2.25 -17.88	59.81 2.91 -10.07	72.09 3.87 1.35	84.31 5.01 7.95	88.20 5.01 -1.27	89.35 5.18 0.94	81.41 4.65 -1.15	70.41 3.99 3.27	81.59 4.08 -2.78	87.63 4.16 4.09	70.19 3.28 3.88

ARTHUR_KILL_COGEN 323718	59.89 2.27 -17.03	72.93 2.93 -14.11	63.62 2.48 -14.48	59.46 2.33 -11.82	57.25 2.15 -17.34	58.53 2.90 -2.77	76.59 4.04 0.00	87.68 4.68 0.00	82.27 4.61 -0.15	68.86 3.61 0.00	59.90 3.57 -0.01	62.68 3.88 -7.01	56.49 2.85 -16.60	56.61 2.75 -16.99	59.97 3.56 -9.57	80.79 4.57 -6.64	93.23 5.99 0.00	139.84 5.97 -51.95	192.12 6.25 -100.76	204.76 5.63 -123.51	76.62 4.88 -2.06	88.75 5.04 -8.98	93.66 4.69 -1.41	76.08 3.92 -1.37
ASHOKAN____ 23654	96.86 3.16 -53.11	104.10 4.21 -44.00	95.43 3.61 -45.16	85.66 3.49 -36.86	91.63 3.01 -50.87	65.61 4.59 -8.16	78.92 6.38 0.00	90.47 7.47 0.00	85.03 7.04 -0.48	70.73 5.47 0.00	61.14 4.83 0.00	56.21 4.41 0.00	40.07 3.03 0.00	39.86 2.99 0.00	51.15 4.32 0.00	75.51 5.94 0.00	95.49 8.24 0.00	117.36 7.66 -27.78	108.31 8.17 -15.02	96.42 7.32 -13.48	82.54 6.45 -6.41	109.04 6.31 -27.99	99.54 7.58 -4.40	81.17 6.10 -4.27
ASTORIA_EAST_ENERGY_CC1 323581	59.87 2.26 -17.03	72.80 2.81 -14.11	63.61 2.47 -14.48	59.42 2.29 -11.82	56.11 2.04 -16.31	58.27 2.80 -2.62	76.58 4.04 0.00	87.71 4.71 0.00	82.32 4.66 -0.15	68.87 3.61 0.00	59.91 3.60 0.00	55.70 3.90 0.00	39.84 2.81 0.00	39.48 2.61 0.00	50.23 3.40 0.00	74.09 4.51 0.00	93.21 5.97 0.00	96.68 5.86 -8.91	96.12 6.07 -4.94	87.72 5.48 -6.63	76.50 4.77 -2.06	88.62 4.90 -8.98	93.97 4.99 -1.41	76.16 3.99 -1.37
ASTORIA_EAST_ENERGY_CC2 323582	59.88 2.26 -17.03	72.80 2.81 -14.11	63.61 2.47 -14.48	59.42 2.29 -11.82	56.11 2.04 -16.31	58.27 2.80 -2.62	76.58 4.04 0.00	87.71 4.71 0.00	82.32 4.66 -0.15	68.87 3.61 0.00	59.91 3.60 0.00	55.70 3.90 0.00	39.84 2.80 0.00	39.48 2.61 0.00	50.23 3.40 0.00	74.09 4.51 0.00	93.21 5.97 0.00	96.70 5.87 -8.91	96.12 6.07 -4.94	87.74 5.49 -6.63	76.50 4.77 -2.06	88.62 4.90 -8.98	93.97 4.99 -1.41	76.16 3.99 -1.37
ASTORIA_GT2_1 24094	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT2_2 24095	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT2_3 24096	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT2_4 24097	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT3_1 24098	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT3_2 24099	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT3_3 24100	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT3_4 24101	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT4_1 24102	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT4_2 24103	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT4_3 24104	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37

ASTORIA_GT4_4 24105	59.90 2.28 -17.03	72.85 2.86 -14.11	63.63 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.08 0.00	87.77 4.76 0.00	82.36 4.70 -0.15	68.90 3.65 0.00	59.93 3.62 0.00	55.74 3.94 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.11 4.54 0.00	93.26 6.02 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.02 -1.37
ASTORIA_GT_1 23523	59.97 2.35 -17.03	72.94 2.94 -14.11	63.72 2.57 -14.48	59.52 2.39 -11.82	56.20 2.13 -16.31	58.39 2.92 -2.62	76.75 4.21 0.00	87.93 4.93 0.00	82.51 4.85 -0.15	69.03 3.78 0.00	60.05 3.74 0.00	55.84 4.04 0.00	39.93 2.89 0.00	39.56 2.69 0.00	50.36 3.52 0.00	74.29 4.71 0.00	93.44 6.20 0.00	96.91 6.08 -8.91	96.33 6.28 -4.94	87.93 5.68 -6.63	76.69 4.95 -2.06	88.82 5.11 -8.98	94.21 5.24 -1.41	76.32 4.16 -1.37
ASTORIA_GT_10 24110	59.94 2.32 -17.03	72.94 2.95 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.15 2.07 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.86 4.85 0.00	82.44 4.78 -0.15	68.96 3.71 0.00	60.03 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.28 3.45 0.00	74.20 4.62 0.00	93.24 6.00 0.00	96.74 5.92 -8.91	96.17 6.11 -4.94	87.75 5.51 -6.63	76.54 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
ASTORIA_GT_11 24225	59.94 2.32 -17.03	72.94 2.95 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.15 2.07 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.86 4.85 0.00	82.44 4.78 -0.15	68.96 3.71 0.00	60.03 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.28 3.45 0.00	74.20 4.62 0.00	93.24 6.00 0.00	96.74 5.92 -8.91	96.17 6.11 -4.94	87.75 5.51 -6.63	76.54 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
ASTORIA_GT_12 24226	59.94 2.32 -17.03	72.94 2.95 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.15 2.07 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.86 4.85 0.00	82.44 4.78 -0.15	68.96 3.71 0.00	60.03 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.28 3.45 0.00	74.20 4.62 0.00	93.24 6.00 0.00	96.74 5.92 -8.91	96.17 6.11 -4.94	87.75 5.51 -6.63	76.54 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
ASTORIA_GT_13 24227	59.94 2.32 -17.03	72.94 2.95 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.15 2.07 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.86 4.85 0.00	82.44 4.78 -0.15	68.96 3.71 0.00	60.03 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.28 3.45 0.00	74.20 4.62 0.00	93.24 6.00 0.00	96.74 5.92 -8.91	96.17 6.11 -4.94	87.75 5.51 -6.63	76.54 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
ASTORIA_GT_5 24106	59.97 2.36 -17.03	72.95 2.96 -14.11	63.71 2.57 -14.48	59.53 2.40 -11.82	56.20 2.12 -16.31	58.40 2.93 -2.62	76.75 4.21 0.00	87.93 4.93 0.00	82.51 4.85 -0.15	69.03 3.78 0.00	60.04 3.73 0.00	55.84 4.04 0.00	39.93 2.89 0.00	39.56 2.69 0.00	50.36 3.52 0.00	74.27 4.70 0.00	93.44 6.20 0.00	96.90 6.08 -8.91	96.34 6.28 -4.94	87.93 5.68 -6.63	76.69 4.95 -2.06	88.83 5.12 -8.98	94.21 5.24 -1.41	76.32 4.16 -1.37
ASTORIA_GT_7 24107	59.97 2.36 -17.03	72.95 2.96 -14.11	63.71 2.57 -14.48	59.53 2.40 -11.82	56.20 2.12 -16.31	58.40 2.93 -2.62	76.75 4.21 0.00	87.93 4.93 0.00	82.51 4.85 -0.15	69.03 3.78 0.00	60.04 3.73 0.00	55.84 4.04 0.00	39.93 2.89 0.00	39.56 2.69 0.00	50.36 3.52 0.00	74.27 4.70 0.00	93.44 6.20 0.00	96.90 6.08 -8.91	96.34 6.28 -4.94	87.93 5.68 -6.63	76.69 4.95 -2.06	88.83 5.12 -8.98	94.21 5.24 -1.41	76.32 4.16 -1.37
ASTORIA_GT_8 24108	59.97 2.36 -17.03	72.95 2.96 -14.11	63.71 2.57 -14.48	59.53 2.40 -11.82	56.20 2.12 -16.31	58.40 2.93 -2.62	76.75 4.21 0.00	87.93 4.93 0.00	82.51 4.85 -0.15	69.03 3.78 0.00	60.04 3.73 0.00	55.84 4.04 0.00	39.93 2.89 0.00	39.56 2.69 0.00	50.36 3.52 0.00	74.27 4.70 0.00	93.44 6.20 0.00	96.90 6.08 -8.91	96.34 6.28 -4.94	87.93 5.68 -6.63	76.69 4.95 -2.06	88.83 5.12 -8.98	94.21 5.24 -1.41	76.32 4.16 -1.37
ASTORIA___2 24149	59.89 2.27 -17.03	72.83 2.84 -14.11	63.62 2.48 -14.48	59.45 2.32 -11.82	56.13 2.06 -16.31	58.30 2.83 -2.62	76.62 4.07 0.00	87.76 4.76 0.00	82.36 4.69 -0.15	68.90 3.65 0.00	59.94 3.62 0.00	55.74 3.93 0.00	39.85 2.81 0.00	39.49 2.62 0.00	50.26 3.43 0.00	74.12 4.54 0.00	93.26 6.01 0.00	96.74 5.92 -8.91	96.16 6.11 -4.94	87.77 5.52 -6.63	76.55 4.81 -2.06	88.66 4.95 -8.98	94.03 5.06 -1.41	76.18 4.01 -1.37
ASTORIA___3 23516	59.94 2.32 -17.03	72.94 2.94 -14.11	63.64 2.50 -14.48	59.47 2.34 -11.82	56.15 2.09 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.85 4.85 0.00	82.45 4.79 -0.15	68.96 3.71 0.00	60.02 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.29 3.45 0.00	74.20 4.63 0.00	93.24 5.99 0.00	96.74 5.91 -8.91	96.15 6.10 -4.94	87.74 5.70 -6.63	76.54 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
ASTORIA___4 23517	59.94 2.32 -17.03	72.94 2.95 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.15 2.07 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.86 4.85 0.00	82.44 4.78 -0.15	68.96 3.71 0.00	60.03 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.28 3.45 0.00	74.20 4.62 0.00	93.24 6.00 0.00	96.74 5.91 -8.91	96.17 6.11 -4.94	87.75 5.51 -6.63	76.53 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
ASTORIA___5 23518	59.94 2.32 -17.03	72.94 2.94 -14.11	63.65 2.50 -14.48	59.47 2.34 -11.82	56.15 2.09 -16.31	58.35 2.88 -2.62	76.69 4.15 0.00	87.85 4.85 0.00	82.45 4.79 -0.15	68.96 3.71 0.00	60.02 3.71 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.55 2.68 0.00	50.29 3.45 0.00	74.20 4.63 0.00	93.24 5.99 0.00	96.75 5.92 -8.91	96.15 6.10 -4.94	87.75 5.50 -6.63	76.54 4.80 -2.06	88.63 4.91 -8.98	93.99 5.02 -1.41	76.16 4.00 -1.37
AST_ENERGY_2_CC3 323677	59.79 2.17 -17.03	72.72 2.73 -14.11	63.44 2.29 -14.48	59.28 2.15 -11.82	55.98 1.91 -16.31	58.13 2.67 -2.62	76.35 3.81 0.00	87.46 4.46 0.00	82.04 4.38 -0.15	68.61 3.36 0.00	59.73 3.41 0.00	55.42 3.62 0.00	39.74 2.70 0.00	39.32 2.45 0.00	49.99 3.16 0.00	73.81 4.23 0.00	92.74 5.49 0.00	96.28 5.46 -8.91	95.66 5.61 -4.94	87.32 5.07 -6.63	76.14 4.40 -2.06	88.22 4.50 -8.98	93.56 4.59 -1.41	75.82 3.66 -1.37
AST_ENERGY_2_CC4 323678	59.79 2.17 -17.03	72.72 2.73 -14.11	63.44 2.29 -14.48	59.28 2.15 -11.82	55.98 1.91 -16.31	58.13 2.67 -2.62	76.35 3.81 0.00	87.46 4.46 0.00	82.04 4.38 -0.15	68.61 3.36 0.00	59.73 3.41 0.00	55.42 3.62 0.00	39.74 2.70 0.00	39.32 2.45 0.00	49.99 3.16 0.00	73.81 4.23 0.00	92.74 5.49 0.00	96.28 5.46 -8.91	95.66 5.61 -4.94	87.32 5.07 -6.63	76.14 4.40 -2.06	88.22 4.50 -8.98	93.56 4.59 -1.41	75.82 3.66 -1.37

ATHENS_STG_1 23668	55.16 1.57 -13.00	68.81 2.15 -10.77	59.64 1.92 -11.05	56.16 1.82 -9.02	51.79 1.58 -12.45	56.95 2.10 -2.00	75.40 2.86 0.00	86.27 3.27 0.00	80.80 3.17 -0.12	67.69 2.43 0.00	58.63 2.32 0.00	54.12 2.32 0.00	38.71 1.67 0.00	38.45 1.58 0.00	48.93 2.10 0.00	72.50 2.92 0.00	91.02 3.77 0.00	92.40 3.68 -6.80	92.72 3.77 -3.83	85.32 3.45 -6.25	74.28 3.03 -1.57	84.75 3.16 -6.85	92.01 3.37 -1.08	74.53 2.70 -1.05
ATHENS_STG_2 23670	55.16 1.57 -13.00	68.81 2.15 -10.77	59.64 1.92 -11.05	56.16 1.82 -9.02	51.79 1.58 -12.45	56.95 2.10 -2.00	75.40 2.86 0.00	86.27 3.27 0.00	80.80 3.17 -0.12	67.69 2.43 0.00	58.63 2.32 0.00	54.12 2.32 0.00	38.71 1.67 0.00	38.45 1.58 0.00	48.93 2.10 0.00	72.50 2.92 0.00	91.02 3.77 0.00	92.40 3.68 -6.80	92.72 3.77 -3.83	85.32 3.45 -6.25	74.28 3.03 -1.57	84.75 3.16 -6.85	92.01 3.37 -1.08	74.53 2.70 -1.05
ATHENS_STG_3 23677	55.16 1.57 -13.00	68.81 2.15 -10.77	59.64 1.92 -11.05	56.16 1.82 -9.02	51.79 1.58 -12.45	56.95 2.10 -2.00	75.40 2.86 0.00	86.27 3.27 0.00	80.80 3.17 -0.12	67.69 2.43 0.00	58.63 2.32 0.00	54.12 2.32 0.00	38.71 1.67 0.00	38.45 1.58 0.00	48.93 2.10 0.00	72.50 2.92 0.00	91.02 3.77 0.00	92.40 3.68 -6.80	92.72 3.77 -3.83	85.32 3.45 -6.25	74.28 3.03 -1.57	84.75 3.16 -6.85	92.01 3.37 -1.08	74.53 2.70 -1.05
AUBURN___LFGE 323710	39.85 -0.74 0.00	54.85 -1.03 0.00	45.93 -0.73 0.00	44.84 -0.47 0.00	37.46 -0.30 0.00	52.44 -0.41 0.00	72.09 -0.45 0.00	82.28 -0.73 0.00	76.65 -0.86 0.00	64.58 -0.68 0.00	55.64 -0.67 0.00	51.11 -0.69 0.00	36.49 -0.55 0.00	36.47 -0.40 0.00	46.52 -0.31 0.00	69.33 -0.24 0.00	86.62 -0.63 0.00	81.29 -0.63 0.00	84.51 -0.65 -0.04	75.63 -0.84 -0.86	68.78 -0.90 0.00	73.77 -0.97 0.00	86.59 -0.97 0.00	70.22 -0.57 0.00
BABYLON_RES_REC 323704	60.85 3.23 -17.02	74.17 4.17 -14.10	64.59 3.45 -14.47	60.37 3.25 -11.81	56.90 2.84 -16.30	59.53 4.06 -2.62	132.14 5.85 -53.74	90.35 6.65 -0.70	84.30 6.29 -0.50	69.54 4.29 0.00	60.48 4.17 0.00	56.18 4.39 0.00	40.22 3.18 0.00	39.86 3.00 0.00	50.65 3.82 0.00	78.27 5.65 -3.04	96.40 7.50 -1.65	103.26 7.52 -13.83	111.99 7.83 -19.04	148.53 7.10 -65.81	165.74 6.38 -89.68	104.66 6.33 -23.59	107.15 6.86 -12.74	84.43 5.40 -8.24
BABYLON___69_KV_BK2 356345	61.32 3.70 -17.02	74.80 4.81 -14.10	65.12 3.98 -14.47	60.88 3.75 -11.81	57.33 3.26 -16.30	60.15 4.68 -2.62	133.03 6.74 -53.74	92.87 7.71 -2.15	86.02 7.27 -1.24	70.27 5.02 0.00	61.10 4.78 0.00	56.75 4.95 0.00	40.66 3.62 0.00	40.31 3.44 0.00	51.23 4.39 0.00	85.56 6.58 -9.41	101.04 8.68 -5.11	113.42 8.57 -22.94	130.76 9.01 -36.63	163.35 8.14 -79.60	178.13 7.33 -101.12	130.68 7.22 -48.71	131.94 7.93 -36.45	99.68 6.26 -22.63
BALL_HILL_WT_PWR 323825	37.37 -3.21 0.00	51.68 -4.21 0.00	43.32 -3.34 0.00	42.54 -2.77 0.00	35.54 -2.22 0.00	49.81 -3.04 0.00	68.65 -3.90 0.00	77.18 -5.83 0.00	72.17 -5.34 0.00	61.31 -3.94 0.00	53.66 -2.65 0.00	48.51 -3.29 0.00	34.72 -2.32 0.00	34.93 -1.94 0.00	44.06 -2.78 0.00	65.16 -4.42 0.00	80.60 -6.64 0.00	75.35 -6.57 0.00	77.90 -7.27 -0.05	69.89 -6.77 -1.05	63.76 -5.92 0.00	68.68 -6.07 0.00	81.70 -5.86 0.00	66.99 -3.80 0.00
BARON_WINDS___WT_PWR 323822	43.44 -2.32 -5.17	57.22 -2.96 -4.29	49.01 -2.05 -4.40	47.26 -1.64 -3.59	41.42 -1.30 -4.95	51.95 -1.69 -0.79	70.35 -2.20 0.00	79.88 -3.12 0.00	74.82 -2.73 -0.05	62.94 -2.32 0.00	54.51 -1.81 0.00	49.38 -2.42 0.00	35.24 -1.80 0.00	35.44 -1.43 0.00	45.29 -1.55 0.00	67.12 -2.45 0.00	82.83 -4.42 0.00	79.83 -4.79 -2.71	81.58 -5.02 -1.49	72.72 -4.67 -1.77	65.65 -4.65 -0.62	72.77 -4.69 -2.73	83.32 -4.67 -0.43	68.52 -2.69 -0.42
BARRETT_IC_1 23704	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_10 23701	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_11 23702	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_12 23703	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_2 23705	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_3 23706	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_4 23707	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37

BARRETT_IC_5 23708	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_6 23709	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_7 23710	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.63 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.68 -53.74	87.96 4.96 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.00 0.00	73.90 4.32 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.66 5.89 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.96 -1.41	76.10 3.94 -1.37
BARRETT_IC_8 23711	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT_IC_9 23700	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT___1 23545	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BARRETT___2 23546	60.22 2.61 -17.02	73.36 3.37 -14.10	63.94 2.80 -14.47	59.75 2.62 -11.81	56.38 2.31 -16.30	58.78 3.31 -2.62	130.97 4.69 -53.74	87.97 4.97 0.00	82.45 4.79 -0.15	68.54 3.29 0.00	59.94 3.62 0.00	55.64 3.85 0.00	39.59 2.55 0.00	39.23 2.36 0.00	49.84 3.01 0.00	73.89 4.31 0.00	92.84 5.59 0.00	97.02 5.63 -9.47	101.65 5.88 -10.64	140.21 5.38 -59.22	158.64 4.74 -84.21	91.02 4.69 -11.59	93.92 4.95 -1.41	76.10 3.94 -1.37
BATAVIA__115KV_TB1 55881	38.08 -2.51 0.00	52.48 -3.41 0.00	43.95 -2.71 0.00	43.05 -2.26 0.00	36.00 -1.76 0.00	50.46 -2.39 0.00	69.62 -2.92 0.00	79.71 -3.30 0.00	74.48 -3.02 0.00	63.01 -2.25 0.00	54.84 -1.47 0.00	49.75 -2.04 0.00	35.43 -1.61 0.00	35.43 -1.44 0.00	45.08 -1.75 0.00	66.31 -3.27 0.00	82.42 -4.83 0.00	77.40 -4.51 0.00	79.94 -5.22 -0.05	71.51 -5.00 -0.90	65.23 -4.46 0.00	70.14 -4.60 0.00	83.07 -4.48 0.00	67.84 -2.95 0.00
BAYONEEC___CTG1 323682	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG10 323750	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG2 323683	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG3 323684	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG4 323685	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG5 323686	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG6 323687	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37

BAYONEEC___CTG7 323688	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG8 323689	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BAYONEEC___CTG9 323749	59.82 2.21 -17.03	72.79 2.79 -14.11	63.50 2.36 -14.48	59.34 2.21 -11.82	56.04 1.97 -16.31	58.19 2.73 -2.62	76.43 3.89 0.00	87.55 4.55 0.00	82.13 4.46 -0.15	68.68 3.43 0.00	59.76 3.45 0.00	55.41 3.62 0.00	39.70 2.66 0.00	39.33 2.46 0.00	50.02 3.18 0.00	73.82 4.25 0.01	92.72 5.48 0.00	94.73 5.45 -7.37	95.23 5.60 -4.51	87.10 5.05 -6.42	76.14 4.40 -2.06	87.33 4.48 -8.12	93.56 4.59 -1.41	75.80 3.63 -1.37
BEACON___LESR 323632	136.65 2.11 -93.95	136.39 2.67 -77.84	129.02 2.46 -79.90	112.86 2.35 -65.20	129.80 2.06 -89.98	70.11 2.82 -14.44	76.38 3.83 0.00	87.22 4.22 0.00	82.46 4.10 -0.86	68.38 3.13 0.00	59.11 2.80 0.00	54.45 2.65 0.00	38.88 1.83 0.00	38.67 1.80 0.00	49.37 2.54 0.00	73.09 3.52 0.00	91.57 4.33 0.00	135.53 4.46 -49.16	116.14 4.59 -26.43	100.83 4.08 -21.13	84.75 3.72 -11.34	128.22 3.96 -49.51	99.73 4.38 -7.79	81.97 3.62 -7.56
BEAVER RIVER___HYD 24048	40.94 0.35 0.00	56.43 0.55 0.00	47.35 0.69 0.00	45.89 0.58 0.00	38.21 0.45 0.00	53.39 0.54 0.00	74.06 1.52 0.00	85.75 2.75 0.00	80.34 2.83 0.00	67.58 2.33 0.00	58.04 1.73 0.00	53.02 1.22 0.00	37.89 0.85 0.00	37.71 0.84 0.00	47.78 0.95 0.00	71.94 2.37 0.00	90.35 3.10 0.00	84.15 2.24 0.00	87.78 2.67 0.00	77.88 2.26 0.00	71.65 1.97 0.00	76.86 2.12 0.00	90.24 2.68 0.00	72.87 2.08 0.00
BEEBEE_GT_13 23619	38.36 -2.24 0.00	52.80 -3.09 0.00	44.20 -2.47 0.00	43.16 -2.15 0.00	36.03 -1.73 0.00	50.46 -2.40 0.00	69.51 -3.04 0.00	78.81 -4.19 0.00	73.78 -3.72 0.00	62.45 -2.81 0.00	54.30 -2.01 0.00	49.47 -2.32 0.00	35.37 -1.67 0.00	35.38 -1.49 0.00	44.85 -1.99 0.00	66.65 -2.92 0.00	83.25 -4.00 0.00	78.07 -3.84 0.00	80.83 -4.33 -0.04	72.27 -4.12 -0.78	65.91 -3.77 0.00	70.88 -3.87 0.00	83.57 -3.99 0.00	67.89 -2.91 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.34 2.73 -17.03	73.51 3.52 -14.11	64.10 2.96 -14.48	59.92 2.79 -11.82	57.58 2.48 -17.34	59.04 3.41 -2.77	77.38 4.83 0.00	88.64 5.63 0.00	83.20 5.54 -0.15	69.62 4.37 0.00	60.60 4.27 -0.01	63.28 4.47 -7.01	56.91 3.27 -16.60	56.98 3.12 -16.99	60.43 4.03 -9.57	81.58 5.37 -6.64	94.23 6.98 0.00	140.75 6.89 -51.95	193.02 7.15 -100.76	205.55 6.43 -123.51	77.36 5.62 -2.06	89.53 5.81 -8.98	94.80 5.83 -1.41	76.87 4.71 -1.37
BETHLEHEM___GRP 23843	133.61 1.46 -91.56	133.72 1.98 -75.86	126.36 1.84 -77.86	110.62 1.77 -63.54	126.97 1.52 -87.69	68.93 2.01 -14.07	75.21 2.67 0.00	85.90 2.89 0.00	81.16 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.07 2.49 0.00	90.41 3.17 0.00	132.78 2.96 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.54 -11.05	125.81 2.82 -48.25	98.32 3.18 -7.59	80.77 2.62 -7.37
BETHLEHEM___GS1 323560	133.61 1.46 -91.56	133.72 1.97 -75.86	126.35 1.83 -77.86	110.62 1.77 -63.54	126.98 1.53 -87.69	68.93 2.01 -14.07	75.21 2.66 0.00	85.89 2.89 0.00	81.15 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.05 2.47 0.00	90.41 3.16 0.00	132.77 2.95 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.53 -11.05	125.81 2.81 -48.25	98.31 3.17 -7.59	80.77 2.62 -7.37
BETHLEHEM___GS2 323561	133.61 1.46 -91.56	133.72 1.97 -75.86	126.35 1.83 -77.86	110.62 1.77 -63.54	126.98 1.53 -87.69	68.93 2.01 -14.07	75.21 2.66 0.00	85.89 2.89 0.00	81.15 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.05 2.47 0.00	90.41 3.16 0.00	132.77 2.95 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.53 -11.05	125.81 2.81 -48.25	98.31 3.17 -7.59	80.77 2.62 -7.37
BETHLEHEM___GS3 323562	133.61 1.46 -91.56	133.72 1.97 -75.86	126.35 1.83 -77.86	110.62 1.77 -63.54	126.98 1.53 -87.69	68.93 2.01 -14.07	75.21 2.66 0.00	85.89 2.89 0.00	81.15 2.82 -0.83	67.47 2.22 0.00	58.35 2.04 0.00	53.79 1.99 0.00	38.45 1.41 0.00	38.20 1.33 0.00	48.66 1.82 0.00	72.05 2.47 0.00	90.41 3.16 0.00	132.77 2.95 -47.91	113.88 3.00 -25.76	99.03 2.71 -20.70	83.27 2.53 -11.05	125.81 2.81 -48.25	98.31 3.17 -7.59	80.77 2.62 -7.37
BETHLEHEM___STEEL 23779	37.26 -3.33 0.00	51.40 -4.48 0.00	43.11 -3.55 0.00	42.33 -2.98 0.00	35.34 -2.43 0.00	49.51 -3.34 0.00	68.22 -4.32 0.00	76.70 -6.30 0.00	71.86 -5.65 0.00	61.13 -4.13 0.00	53.54 -2.77 0.00	48.38 -3.41 0.00	34.62 -2.42 0.00	34.74 -2.14 0.00	43.85 -2.99 0.00	65.02 -4.55 0.00	80.55 -6.69 0.00	75.23 -6.69 0.00	77.73 -7.44 -0.05	69.70 -6.96 -1.05	63.51 -6.18 0.00	68.44 -6.30 0.00	81.39 -6.17 0.00	66.68 -4.11 0.00
BETHLHEM_115KV_TB1 79974	128.63 1.45 -86.59	129.60 1.96 -71.74	122.12 1.82 -73.64	107.15 1.74 -60.10	122.19 1.50 -82.93	68.14 1.98 -13.31	75.17 2.63 0.00	85.86 2.86 0.00	81.09 2.80 -0.79	67.44 2.19 0.00	58.34 2.03 0.00	53.78 1.99 0.00	38.44 1.40 0.00	38.19 1.32 0.00	48.64 1.81 0.00	72.05 2.48 0.00	90.42 3.17 0.00	130.21 2.98 -45.31	112.53 3.03 -24.38	98.19 2.75 -19.82	82.67 2.54 -10.45	123.16 2.78 -45.64	97.84 3.11 -7.18	80.33 2.57 -6.97
BETHPAGE_CC_5 323564	60.36 2.75 -17.02	73.57 3.58 -14.10	64.09 2.95 -14.47	59.88 2.76 -11.81	56.50 2.43 -16.30	58.99 3.52 -2.62	131.38 5.09 -53.74	89.07 5.73 -0.34	83.29 5.46 -0.32	68.93 3.68 0.00	60.03 3.71 0.00	55.74 3.94 0.00	39.87 2.83 0.00	39.52 2.65 0.00	50.18 3.35 0.00	75.91 4.87 -1.46	94.44 6.40 -0.79	99.94 6.46 -11.57	106.51 6.71 -14.69	144.15 6.14 -62.39	161.98 5.46 -86.84	97.49 5.39 -17.36	100.17 5.75 -6.86	79.96 4.49 -4.68
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.42 -3.17 0.00	51.62 -4.26 0.00	43.30 -3.36 0.00	42.51 -2.80 0.00	35.48 -2.28 0.00	49.72 -3.13 0.00	68.51 -4.03 0.00	77.06 -5.94 0.00	72.21 -5.30 0.00	61.41 -3.84 0.00	53.76 -2.55 0.00	48.61 -3.19 0.00	34.78 -2.27 0.00	34.90 -1.97 0.00	44.06 -2.77 0.00	65.32 -4.25 0.00	80.95 -6.30 0.00	75.58 -6.34 0.00	78.09 -7.07 -0.05	70.01 -6.66 -1.06	63.76 -5.93 0.00	68.76 -5.98 0.00	81.71 -5.85 0.00	66.94 -3.85 0.00

BINGHAMTON___COGEN 23790	48.08 -0.46 -7.95	61.87 -0.60 -6.59	53.08 -0.34 -6.76	50.61 -0.22 -5.52	45.18 -0.19 -7.61	53.83 -0.24 -1.22	72.22 -0.32 0.00	82.39 -0.61 0.00	77.18 -0.40 -0.07	64.83 -0.43 0.00	56.08 -0.23 0.00	51.48 -0.32 0.00	36.83 -0.21 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.63 0.05 0.00	86.82 -0.43 0.00	85.53 -0.54 -4.16	86.76 -0.63 -2.28	77.64 -0.67 -2.69	69.96 -0.69 -0.96	78.15 -0.78 -4.19	87.26 -0.95 -0.66	70.87 -0.56 -0.64
BIXINCNT_115KV_LOAD 355685	42.28 -2.49 -4.18	56.21 -3.14 -3.46	47.92 -2.30 -3.55	46.42 -1.79 -2.90	40.37 -1.40 -4.00	51.65 -1.84 -0.64	70.13 -2.41 0.00	79.04 -3.96 0.00	74.18 -3.37 -0.04	62.87 -2.39 0.00	54.77 -1.54 0.00	49.53 -2.27 0.00	35.52 -1.52 0.00	35.78 -1.09 0.00	45.25 -1.59 0.00	66.74 -2.84 0.00	82.48 -4.76 0.00	78.59 -5.52 -2.19	80.17 -6.15 -1.20	71.06 -6.00 -1.45	64.66 -5.52 -0.50	72.11 -4.84 -2.20	83.12 -4.78 -0.35	68.42 -2.71 -0.34
BLACK RIVER___HYD 24047	40.80 0.21 0.00	56.30 0.42 0.00	47.31 0.65 0.00	45.80 0.49 0.00	38.11 0.35 0.00	53.26 0.40 0.00	74.08 1.54 0.00	85.99 2.99 0.00	80.54 3.04 0.00	67.58 2.32 0.00	58.04 1.72 0.00	52.92 1.12 0.00	37.83 0.79 0.00	37.62 0.75 0.00	47.67 0.84 0.00	72.19 2.61 0.00	90.74 3.50 0.00	85.03 3.11 0.00	88.69 3.57 0.00	78.67 3.05 0.00	72.23 2.55 0.00	77.32 2.58 0.00	90.66 3.11 0.00	73.12 2.33 0.00
BLACKRVR_115KV_TB2 79977	40.80 0.21 0.00	56.30 0.41 0.00	47.31 0.65 0.00	45.80 0.49 0.00	38.12 0.36 0.00	53.26 0.40 0.00	74.09 1.54 0.00	85.99 2.99 0.00	80.54 3.04 0.00	67.58 2.33 0.00	58.04 1.72 0.00	52.92 1.12 0.00	37.83 0.79 0.00	37.62 0.75 0.00	47.67 0.84 0.00	72.19 2.61 0.00	90.74 3.50 0.00	85.02 3.11 0.00	88.69 3.57 0.00	78.66 3.05 0.00	72.23 2.55 0.00	77.32 2.59 0.00	90.66 3.11 0.00	73.12 2.33 0.00
BLISS_WT_PWR 323608	42.26 -2.51 -4.18	56.24 -3.11 -3.46	47.94 -2.28 -3.55	46.46 -1.75 -2.90	40.42 -1.34 -4.00	51.73 -1.77 -0.64	70.24 -2.30 0.00	79.18 -3.82 0.00	74.32 -3.22 -0.04	62.99 -2.26 0.00	54.86 -1.46 0.00	49.54 -2.26 0.00	35.54 -1.50 0.00	35.83 -1.04 0.00	45.31 -1.52 0.00	66.76 -2.82 0.00	82.46 -4.79 0.00	78.50 -5.61 -2.19	80.08 -6.24 -1.20	70.93 -6.14 -1.45	64.49 -5.70 -0.50	72.08 -4.87 -2.20	83.04 -4.87 -0.35	68.43 -2.70 -0.34
BLUESTONE___WT_PWR 323821	56.10 1.02 -14.49	69.44 1.55 -12.00	60.75 1.76 -12.32	57.50 2.13 -10.05	53.28 1.64 -13.87	57.76 2.68 -2.23	76.59 4.04 0.00	87.96 4.96 0.00	82.44 4.81 -0.13	69.44 4.19 0.00	59.88 3.56 0.00	54.77 2.98 0.00	39.09 2.05 0.00	39.01 2.15 0.00	49.65 2.82 0.00	74.23 4.65 0.00	92.45 5.20 0.00	92.50 3.01 -7.58	90.86 1.63 -4.12	81.51 1.78 -4.12	74.03 2.60 -1.75	84.50 2.12 -7.63	88.88 0.12 -1.20	72.70 0.74 -1.17
BLUE_CIRC_CHEM_DRP 24182	116.77 2.81 -73.37	120.49 3.81 -60.79	112.41 3.36 -62.39	99.49 3.26 -50.92	110.79 2.76 -70.27	67.85 3.72 -11.28	77.50 4.96 0.00	88.49 5.49 0.00	83.13 4.95 -0.67	68.94 3.69 0.00	59.12 2.81 0.00	54.28 2.48 0.00	38.65 1.61 0.00	38.55 1.68 0.00	49.51 2.68 0.00	73.44 3.86 0.00	92.98 5.74 0.00	125.87 5.57 -38.39	111.50 5.70 -20.68	97.98 5.01 -17.35	83.14 4.60 -8.85	118.35 4.94 -38.67	99.35 5.71 -6.08	81.49 4.79 -5.90
BOC_GAS_DRP 24189	100.88 1.29 -59.00	106.55 1.78 -48.88	98.44 1.60 -50.18	87.80 1.54 -40.95	95.61 1.34 -56.51	63.67 1.75 -9.07	74.87 2.33 0.00	85.62 2.62 0.00	80.59 2.55 -0.54	67.21 1.96 0.00	58.15 1.84 0.00	53.62 1.82 0.00	38.34 1.30 0.00	38.10 1.23 0.00	48.49 1.66 0.00	71.85 2.27 0.00	90.18 2.93 0.00	115.61 2.82 -30.87	104.67 2.87 -16.68	93.10 2.61 -14.87	79.15 2.35 -7.12	108.36 2.52 -31.10	95.20 2.75 -4.89	77.78 2.24 -4.75
BOONVILLE_115KV_TB1 79983	41.49 0.90 0.00	57.15 1.27 0.00	47.87 1.21 0.00	46.50 1.19 0.00	38.72 0.96 0.00	54.17 1.32 0.00	74.80 2.25 0.00	86.06 3.06 0.00	80.63 3.13 0.00	67.82 2.57 0.00	58.41 2.09 0.00	53.45 1.66 0.00	38.21 1.17 0.00	38.05 1.19 0.00	48.32 1.49 0.00	72.23 2.65 0.00	90.74 3.50 0.00	84.90 2.99 0.00	88.36 3.24 0.00	78.41 2.79 0.00	72.10 2.42 0.00	77.25 2.51 0.00	90.43 2.88 0.00	72.99 2.20 0.00
BORALEX_4TH_BRANCH 23824	170.34 2.99 -126.76	164.99 4.08 -105.02	157.93 3.47 -107.80	136.63 3.35 -87.97	162.02 2.86 -121.41	76.17 3.83 -19.49	77.68 5.14 0.00	88.72 5.71 0.00	84.10 5.44 -1.15	69.60 4.35 0.00	60.32 4.01 0.00	55.58 3.78 0.00	39.71 2.67 0.00	39.44 2.57 0.00	50.19 3.35 0.00	74.42 4.84 0.00	93.38 6.13 0.00	154.19 5.94 -66.33	126.80 6.10 -35.59	108.12 5.51 -26.99	90.10 5.11 -15.30	147.03 5.48 -66.81	104.26 6.20 -10.51	86.01 5.02 -10.20
BOWLINE___1 23526	58.75 1.69 -16.47	71.72 2.18 -13.64	62.53 1.86 -14.00	58.47 1.73 -11.43	55.09 1.56 -15.77	57.53 2.14 -2.53	75.61 3.07 0.00	86.57 3.57 0.00	81.19 3.53 -0.15	67.85 2.60 0.00	58.93 2.62 0.00	54.52 2.72 0.00	39.03 2.00 0.00	38.71 1.84 0.00	49.25 2.41 0.00	72.81 3.24 0.00	91.50 4.26 0.00	94.82 4.29 -8.61	94.30 4.41 -4.77	86.05 4.01 -6.43	75.12 3.45 -1.99	86.94 3.52 -8.68	92.49 3.57 -1.37	74.97 2.85 -1.33
BOWLINE___2 23595	58.82 1.76 -16.47	71.81 2.28 -13.64	62.62 1.95 -14.00	58.53 1.80 -11.43	55.15 1.61 -15.77	57.62 2.23 -2.53	75.73 3.19 0.00	86.68 3.68 0.00	81.29 3.63 -0.15	67.95 2.70 0.00	59.01 2.69 0.00	54.60 2.80 0.00	39.09 2.05 0.00	38.76 1.89 0.00	49.28 2.44 0.00	72.88 3.31 0.00	91.65 4.41 0.00	94.94 4.41 -8.61	94.44 4.55 -4.77	86.17 4.13 -6.43	75.24 3.57 -1.99	87.05 3.63 -8.68	92.65 3.73 -1.37	75.06 2.94 -1.33
BRADY___115KV_TB2 356060	41.49 0.90 0.00	57.22 1.33 0.00	47.55 0.89 0.00	46.13 0.82 0.00	38.31 0.55 0.00	53.76 0.90 0.00	73.72 1.18 0.00	84.66 1.66 0.00	78.82 1.31 0.00	66.51 1.25 0.00	56.76 0.45 0.00	51.98 0.18 0.00	37.08 0.04 0.00	36.96 0.09 0.00	46.84 0.00 0.00	70.31 0.73 0.00	88.10 0.85 0.00	82.19 0.27 0.00	85.52 0.40 0.00	75.93 0.31 0.00	70.31 0.63 0.00	75.81 1.07 0.00	89.46 1.90 0.00	72.26 1.47 0.00
BRANSCOMB___SOLAR 323811	215.66 2.86 -172.22	202.50 3.94 -142.68	196.45 3.33 -146.45	168.06 3.23 -119.52	205.46 2.76 -164.94	83.20 3.88 -26.47	77.83 5.29 0.00	89.08 6.08 0.00	84.89 5.82 -1.57	69.66 4.41 0.00	60.10 3.78 0.00	55.17 3.37 0.00	39.37 2.33 0.00	39.20 2.33 0.00	49.98 3.15 0.00	74.32 4.75 0.00	93.65 6.40 0.00	178.48 6.45 -90.11	139.98 6.59 -48.27	116.70 5.85 -35.22	95.80 5.33 -20.79	171.25 5.74 -90.76	108.35 6.52 -14.27	89.90 5.25 -13.86
BRENTWOD_69_KV_W. BRTWOOD 56703	61.22 3.61 -17.02	74.69 4.69 -14.10	65.04 3.90 -14.47	60.81 3.68 -11.81	57.26 3.20 -16.30	60.04 4.57 -2.62	132.85 6.56 -53.74	92.63 7.45 -2.18	85.79 7.04 -1.25	70.03 4.78 0.00	60.90 4.58 0.00	56.58 4.78 0.00	40.53 3.49 0.00	40.17 3.30 0.00	51.02 4.18 0.00	85.37 6.30 -9.50	100.69 8.28 -5.17	113.01 8.02 -23.08	130.63 8.62 -36.89	163.29 7.86 -79.80	178.03 7.06 -101.29	130.77 6.95 -49.09	131.95 7.59 -36.80	99.70 6.07 -22.84

BRISTLHL_115KV_TB1 79998	38.94 -1.64 0.00	53.58 -2.31 0.00	44.88 -1.78 0.00	43.64 -1.67 0.00	36.41 -1.35 0.00	50.93 -1.92 0.00	70.01 -2.53 0.00	79.97 -3.03 0.00	74.77 -2.74 0.00	62.93 -2.32 0.00	54.42 -1.90 0.00	49.94 -1.86 0.00	35.75 -1.29 0.00	35.66 -1.21 0.00	45.28 -1.55 0.00	67.28 -2.29 0.00	84.31 -2.94 0.00	79.31 -2.60 0.00	82.34 -2.78 0.00	73.06 -2.55 0.00	67.29 -2.39 0.00	72.19 -2.55 0.00	84.47 -3.09 0.00	68.39 -2.40 0.00
BROOKHAVEN___DRP 24191	61.07 3.46 -17.02	74.45 4.46 -14.10	64.85 3.71 -14.47	60.65 3.53 -11.81	57.14 3.08 -16.30	59.92 4.45 -2.62	132.80 6.51 -53.74	100.77 7.54 -10.23	89.92 7.12 -5.29	69.95 4.70 0.00	60.75 4.44 0.00	56.41 4.62 0.00	40.50 3.46 0.00	40.20 3.33 0.00	50.98 4.15 0.00	120.58 6.37 -44.63	119.86 8.34 -24.27	163.49 8.19 -73.39	227.49 8.45 -133.93	239.35 7.80 -155.94	241.22 7.08 -164.45	269.25 6.76 -187.75	262.78 7.55 -167.67	179.12 6.07 -102.25
BROOKLYN_NAVY_YARD 23515	59.87 2.25 -17.03	72.84 2.84 -14.11	63.55 2.41 -14.48	59.37 2.24 -11.82	56.07 2.01 -16.31	58.24 2.77 -2.62	76.54 3.99 0.00	87.66 4.65 0.00	82.26 4.60 -0.15	68.79 3.53 0.00	59.84 3.52 0.00	55.54 3.74 0.00	39.76 2.72 0.00	39.36 2.49 0.00	50.08 3.24 0.00	73.93 4.36 0.00	92.84 5.59 0.00	96.39 5.57 -8.91	95.81 5.76 -4.94	87.47 5.22 -6.63	76.28 4.54 -2.06	88.36 4.65 -8.98	93.73 4.76 -1.41	75.93 3.76 -1.37
BROOKLYN___ARMY_DRP 323595	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
BROOKVLE_69_KV_TB1 55790	60.73 3.12 -17.02	74.43 4.44 -14.10	64.80 3.66 -14.47	60.57 3.45 -11.81	57.08 3.02 -16.30	59.98 4.52 -2.62	132.71 6.42 -53.74	89.52 6.53 0.00	83.93 6.27 -0.15	69.70 4.45 0.00	60.73 4.42 0.00	56.36 4.56 0.00	40.31 3.27 0.00	39.97 3.10 0.00	50.79 3.95 0.00	75.12 5.54 0.00	94.44 7.19 0.00	98.58 7.19 -9.47	103.21 7.44 -10.64	141.59 6.75 -59.22	159.90 6.01 -84.21	92.36 6.03 -11.59	95.48 6.51 -1.41	77.23 5.07 -1.37
BROOME_2_LFGE 323671	48.08 -0.46 -7.95	61.88 -0.60 -6.59	53.07 -0.35 -6.76	50.61 -0.21 -5.52	45.18 -0.19 -7.61	53.83 -0.24 -1.22	72.22 -0.32 0.00	82.38 -0.62 0.00	77.18 -0.39 -0.07	64.83 -0.42 0.00	56.09 -0.22 0.00	51.48 -0.32 0.00	36.77 -0.10 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.63 0.06 0.00	86.82 -0.43 0.00	85.53 -0.54 -4.16	86.77 -0.62 -2.28	77.63 -0.68 -2.69	69.96 -0.69 -0.96	78.15 -0.78 -4.19	87.26 -0.95 -0.66	70.87 -0.56 -0.64
BROOME___LFGE 323600	48.08 -0.46 -7.95	61.88 -0.60 -6.59	53.07 -0.35 -6.76	50.61 -0.21 -5.52	45.18 -0.19 -7.61	53.83 -0.24 -1.22	72.22 -0.32 0.00	82.38 -0.62 0.00	77.18 -0.39 -0.07	64.83 -0.42 0.00	56.09 -0.22 0.00	51.48 -0.32 0.00	36.77 -0.10 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.63 0.06 0.00	86.82 -0.43 0.00	85.53 -0.54 -4.16	86.77 -0.62 -2.28	77.63 -0.68 -2.69	69.96 -0.69 -0.96	78.15 -0.78 -4.19	87.26 -0.95 -0.66	70.87 -0.56 -0.64
BROWNFLS_115KV_TB_3_5 80003	41.00 0.41 0.00	56.51 0.62 0.00	47.23 0.56 0.00	45.79 0.48 0.00	38.08 0.32 0.00	53.29 0.44 0.00	73.56 1.02 0.00	84.92 1.92 0.00	79.38 1.87 0.00	66.94 1.68 0.00	57.34 1.03 0.00	52.45 0.65 0.00	37.46 0.42 0.00	37.29 0.42 0.00	47.25 0.42 0.00	71.00 1.43 0.00	88.92 1.67 0.00	82.50 0.59 0.00	85.96 0.85 0.00	76.29 0.67 0.00	70.49 0.81 0.00	75.98 1.24 0.00	89.53 1.97 0.00	72.32 1.53 0.00
BROWNSV1_27_KV_LOAD 356125	60.30 2.68 -17.03	73.43 3.43 -14.11	64.02 2.88 -14.48	59.85 2.72 -11.82	56.45 2.38 -16.31	58.79 3.32 -2.62	77.29 4.75 0.00	88.52 5.52 0.00	83.10 5.44 -0.15	69.52 4.27 0.00	60.49 4.18 0.00	56.09 4.29 0.00	40.19 3.15 0.00	39.82 2.95 0.00	50.65 3.81 0.00	74.77 5.19 0.00	93.96 6.72 0.00	97.43 6.60 -8.91	96.85 6.80 -4.94	88.36 6.11 -6.63	77.09 5.35 -2.06	89.21 5.50 -8.98	94.72 5.75 -1.41	76.72 4.56 -1.37
BURROWS___LYONSDAL 23803	41.31 0.72 0.00	56.92 1.04 0.00	47.72 1.06 0.00	46.32 1.01 0.00	38.57 0.81 0.00	53.93 1.08 0.00	74.58 2.03 0.00	85.99 2.99 0.00	80.59 3.08 0.00	67.80 2.54 0.00	58.36 2.04 0.00	53.37 1.57 0.00	38.15 1.11 0.00	38.00 1.13 0.00	48.22 1.38 0.00	72.19 2.61 0.00	90.69 3.44 0.00	84.72 2.81 0.00	88.24 3.13 0.00	78.27 2.66 0.00	71.97 2.29 0.00	77.12 2.38 0.00	90.35 2.79 0.00	72.94 2.15 0.00
CAITHNESS_CC_1 323624	60.97 3.36 -17.02	74.33 4.34 -14.10	64.74 3.60 -14.47	60.53 3.41 -11.81	57.06 2.99 -16.30	59.78 4.31 -2.62	132.58 6.29 -53.74	100.43 7.28 -10.15	89.61 6.84 -5.26	69.76 4.50 0.00	60.62 4.30 0.00	56.29 4.49 0.00	40.40 3.36 0.00	40.09 3.22 0.00	50.85 4.01 0.00	119.99 6.12 -44.29	119.36 8.03 -24.09	162.75 7.93 -72.91	226.32 8.21 -133.00	238.36 7.54 -155.21	240.38 6.85 -163.84	267.70 6.55 -186.41	261.24 7.27 -166.41	178.12 5.85 -101.48
CALPINE BETH_PAGE_GT4 24209	60.28 2.67 -17.02	73.48 3.49 -14.10	64.01 2.87 -14.47	59.81 2.68 -11.81	56.43 2.37 -16.30	58.91 3.44 -2.62	131.34 5.06 -53.74	88.67 5.66 0.00	83.07 5.41 -0.15	68.89 3.64 0.00	60.00 3.68 0.00	55.70 3.91 0.00	39.85 2.81 0.00	39.50 2.63 0.00	50.12 3.29 0.00	74.33 4.75 0.00	93.46 6.22 0.00	97.68 6.29 -9.47	102.30 6.54 -10.64	140.82 5.98 -59.22	159.19 5.30 -84.21	91.57 5.24 -11.59	94.54 5.57 -1.41	76.50 4.34 -1.37
CALPINE_BETH_PAGE_GT_4 323586	60.28 2.67 -17.02	73.48 3.49 -14.10	64.01 2.87 -14.47	59.81 2.68 -11.81	56.44 2.37 -16.30	58.91 3.44 -2.62	131.34 5.05 -53.74	88.66 5.66 0.00	83.07 5.40 -0.15	68.89 3.64 0.00	60.00 3.68 0.00	55.70 3.91 0.00	39.85 2.81 0.00	39.50 2.63 0.00	50.12 3.29 0.00	74.33 4.75 0.00	93.47 6.22 0.00	97.68 6.29 -9.47	102.29 6.53 -10.64	140.81 5.98 -59.22	159.19 5.30 -84.21	91.57 5.24 -11.59	94.55 5.58 -1.41	76.50 4.34 -1.37
CALPINE_BP_GT1 23823	60.28 2.67 -17.02	73.48 3.49 -14.10	64.01 2.87 -14.47	59.81 2.68 -11.81	56.44 2.37 -16.30	58.91 3.44 -2.62	131.34 5.05 -53.74	88.66 5.66 0.00	83.07 5.40 -0.15	68.89 3.64 0.00	60.00 3.68 0.00	55.70 3.91 0.00	39.85 2.81 0.00	39.50 2.63 0.00	50.12 3.29 0.00	74.33 4.75 0.00	93.47 6.22 0.00	97.68 6.29 -9.47	102.29 6.53 -10.64	140.81 5.98 -59.22	159.19 5.30 -84.21	91.57 5.24 -11.59	94.55 5.58 -1.41	76.50 4.34 -1.37
CALSPAN___DRP 24200	37.26 -3.33 0.00	51.40 -4.48 0.00	43.11 -3.55 0.00	42.33 -2.98 0.00	35.34 -2.43 0.00	49.51 -3.34 0.00	68.22 -4.32 0.00	76.70 -6.30 0.00	71.86 -5.65 0.00	61.13 -4.13 0.00	53.54 -2.77 0.00	48.38 -3.41 0.00	34.62 -2.42 0.00	34.74 -2.14 0.00	43.85 -2.99 0.00	65.02 -4.55 0.00	80.55 -6.69 0.00	75.23 -6.69 0.00	77.73 -7.44 -0.05	69.70 -6.96 -1.05	63.51 -6.18 0.00	68.44 -6.30 0.00	81.39 -6.17 0.00	66.68 -4.11 0.00

CALVERTON___SOLAR 323806	61.15 3.54 -17.02	74.56 4.57 -14.10	64.95 3.81 -14.47	60.75 3.63 -11.81	57.24 3.18 -16.30	60.07 4.60 -2.62	133.05 6.77 -53.74	101.14 7.88 -10.26	90.24 7.42 -5.31	70.17 4.91 0.00	60.92 4.60 0.00	56.57 4.77 0.00	40.62 3.58 0.00	40.34 3.47 0.00	51.15 4.32 0.00	121.02 6.66 -44.78	120.32 8.73 -24.35	164.04 8.53 -73.60	228.20 8.76 -134.33	239.99 8.13 -156.25	241.76 7.37 -164.71	270.04 6.98 -188.31	263.62 7.86 -168.20	179.69 6.32 -102.57
CANDIGU_WT_PWR 323617	43.44 -2.32 -5.17	57.22 -2.96 -4.29	49.01 -2.05 -4.40	47.26 -1.64 -3.59	41.42 -1.30 -4.95	51.95 -1.69 -0.79	70.35 -2.20 0.00	79.88 -3.12 0.00	74.82 -2.73 -0.05	62.94 -2.32 0.00	54.51 -1.81 0.00	49.38 -2.42 0.00	35.24 -1.80 0.00	35.44 -1.43 0.00	45.29 -1.55 0.00	67.12 -2.45 0.00	82.83 -4.42 0.00	79.83 -4.79 -2.71	81.58 -5.02 -1.49	72.72 -4.67 -1.77	65.65 -4.65 -0.62	72.77 -4.69 -2.73	83.32 -4.67 -0.43	68.52 -2.69 -0.42
CARR STREET_E_SYR 24060	39.17 -1.42 0.00	53.90 -1.98 0.00	45.11 -1.55 0.00	43.89 -1.42 0.00	36.62 -1.14 0.00	51.24 -1.61 0.00	70.43 -2.11 0.00	80.42 -2.58 0.00	75.17 -2.33 0.00	63.28 -1.97 0.00	54.76 -1.55 0.00	50.24 -1.56 0.00	35.95 -1.09 0.00	35.85 -1.02 0.00	45.55 -1.29 0.00	67.72 -1.86 0.00	84.77 -2.47 0.00	79.72 -2.20 0.00	82.75 -2.36 0.00	73.42 -2.19 0.00	67.60 -2.08 0.00	72.52 -2.22 0.00	84.91 -2.65 0.00	68.75 -2.04 0.00
CARTHAGE___PAPER 23857	41.22 0.63 0.00	56.83 0.95 0.00	47.71 1.05 0.00	46.22 0.91 0.00	38.46 0.71 0.00	53.76 0.91 0.00	74.65 2.10 0.00	86.53 3.53 0.00	81.07 3.56 0.00	68.12 2.87 0.00	58.47 2.16 0.00	53.35 1.56 0.00	38.13 1.09 0.00	37.93 1.06 0.00	48.06 1.22 0.00	72.60 3.03 0.00	91.24 3.99 0.00	85.21 3.30 0.00	88.90 3.79 0.00	78.83 3.21 0.00	72.49 2.81 0.00	77.68 2.94 0.00	91.16 3.60 0.00	73.53 2.74 0.00
CASSADAGA_WT_PWR 323784	38.12 -2.47 0.00	52.88 -3.01 0.00	44.33 -2.34 0.00	43.54 -1.77 0.00	36.38 -1.38 0.00	51.05 -1.80 0.00	70.39 -2.15 0.00	79.22 -3.78 0.00	73.99 -3.51 0.00	62.73 -2.52 0.00	54.81 -1.50 0.00	49.66 -2.13 0.00	35.64 -1.40 0.00	35.89 -0.98 0.00	45.13 -1.70 0.00	66.59 -2.99 0.00	82.14 -5.10 0.00	76.98 -4.93 0.00	79.63 -5.54 -0.06	71.44 -5.27 -1.10	65.32 -4.37 0.00	70.28 -4.46 0.00	83.60 -3.96 0.00	68.53 -2.26 0.00
CE_DUNWOOD___DRP 24194	59.73 2.14 -17.00	72.75 2.78 -14.08	63.47 2.35 -14.45	59.31 2.21 -11.80	55.99 1.95 -16.28	58.18 2.71 -2.61	76.41 3.87 0.00	87.47 4.47 0.00	82.04 4.38 -0.15	68.58 3.32 0.00	59.57 3.25 0.00	55.17 3.37 0.00	39.49 2.46 0.00	39.15 2.28 0.00	49.81 2.97 0.00	73.67 4.10 0.00	92.55 5.30 0.00	96.05 5.24 -8.89	95.48 4.92 -4.93	87.15 4.92 -6.62	76.01 4.28 -2.05	88.07 4.37 -8.96	93.49 4.52 -1.41	75.78 3.62 -1.37
CE_MILLWOOD___DRP 24193	59.58 2.05 -16.94	72.57 2.66 -14.03	63.32 2.26 -14.40	59.18 2.12 -11.76	55.85 1.87 -16.22	58.06 2.60 -2.60	76.26 3.72 0.00	87.28 4.28 0.00	81.87 4.21 -0.15	68.42 3.17 0.00	59.43 3.12 0.00	55.02 3.22 0.00	39.39 2.35 0.00	39.06 2.19 0.00	49.69 2.85 0.00	73.48 3.90 0.00	92.32 5.07 0.00	95.83 5.06 -8.86	95.25 5.22 -4.91	86.92 4.71 -6.59	75.85 4.12 -2.05	87.87 4.20 -8.93	93.30 4.34 -1.40	75.62 3.47 -1.36
CE_NYC2_DRP 24202	59.96 2.34 -17.03	72.98 2.99 -14.11	63.67 2.53 -14.48	59.50 2.37 -11.82	56.18 2.11 -16.31	58.38 2.91 -2.62	76.73 4.18 0.00	87.90 4.90 0.00	82.48 4.82 -0.15	69.00 3.74 0.00	60.05 3.74 0.00	55.73 3.93 0.00	39.91 2.87 0.00	39.57 2.70 0.00	50.30 3.47 0.00	74.21 4.63 0.00	93.25 6.00 0.00	96.76 5.94 -8.91	96.17 6.12 -4.94	87.77 5.53 -6.63	76.55 4.81 -2.06	88.65 4.94 -8.98	94.00 5.04 -1.41	76.18 4.02 -1.37
CE_NYC_DRP 24195	59.89 2.27 -17.03	72.88 2.89 -14.11	63.57 2.43 -14.48	59.41 2.28 -11.82	56.09 2.02 -16.31	58.30 2.82 -2.62	76.57 4.03 0.00	87.71 4.71 0.00	82.29 4.63 -0.15	68.82 3.57 0.00	59.88 3.57 0.00	55.53 3.73 0.00	39.79 2.75 0.00	39.41 2.54 0.00	50.13 3.29 0.00	74.01 4.43 0.00	92.97 5.73 0.00	97.36 5.69 -9.76	96.14 5.86 -5.17	87.64 5.27 -6.75	76.32 4.58 -2.06	88.88 4.69 -9.45	93.78 4.82 -1.41	75.99 3.82 -1.37
CHAFFEE___LFGE 323603	37.61 -2.98 0.00	51.86 -4.02 0.00	43.49 -3.17 0.00	42.66 -2.65 0.00	35.62 -2.14 0.00	49.92 -2.94 0.00	68.74 -3.80 0.00	77.33 -5.68 0.00	72.39 -5.12 0.00	61.57 -3.68 0.00	53.88 -2.43 0.00	48.75 -3.05 0.00	34.87 -2.17 0.00	35.04 -1.83 0.00	44.23 -2.61 0.00	65.55 -4.03 0.00	81.21 -6.04 0.00	75.90 -6.02 0.00	78.49 -6.68 -0.06	70.39 -6.32 -1.09	64.07 -5.61 0.00	69.02 -5.72 0.00	81.97 -5.59 0.00	67.22 -3.57 0.00
CHATEAUG_35_KV_LOAD 355732	40.83 0.24 0.00	56.48 0.60 0.00	47.06 0.40 0.00	45.61 0.30 0.00	37.66 -0.10 0.00	52.65 -0.20 0.00	71.64 -0.91 0.00	82.58 -0.42 0.00	77.47 -0.03 0.00	65.70 0.45 0.00	56.18 -0.13 0.00	51.55 -0.24 0.00	36.86 -0.18 0.00	36.78 -0.08 0.00	46.71 -0.12 0.00	69.72 0.14 0.00	87.74 0.50 0.00	82.08 0.16 0.00	85.30 0.18 0.00	75.73 0.12 0.00	69.88 0.19 0.00	75.06 0.32 0.00	88.47 0.91 0.00	71.57 0.77 0.00
CHATEAUG_WT_PWR 323614	40.71 0.12 0.00	56.33 0.44 0.00	46.96 0.30 0.00	45.53 0.22 0.00	37.61 -0.15 0.00	52.53 -0.33 0.00	71.44 -1.10 0.00	82.31 -0.69 0.00	77.20 -0.31 0.00	65.48 0.23 0.00	56.10 -0.21 0.00	51.46 -0.34 0.00	36.80 -0.24 0.00	36.73 -0.14 0.00	46.71 -0.12 0.00	69.73 0.15 0.00	87.59 0.34 0.00	81.87 -0.05 0.00	85.09 -0.02 0.00	75.53 -0.09 0.00	69.67 -0.01 0.00	74.84 0.09 0.00	88.19 0.63 0.00	71.36 0.57 0.00
CHAT_HIGH_FALL_HYD 323578	40.83 0.24 0.00	56.48 0.60 0.00	47.06 0.40 0.00	45.61 0.30 0.00	37.66 -0.10 0.00	52.65 -0.20 0.00	71.64 -0.91 0.00	82.58 -0.42 0.00	77.47 -0.03 0.00	65.70 0.45 0.00	56.18 -0.13 0.00	51.55 -0.24 0.00	36.86 -0.18 0.00	36.78 -0.08 0.00	46.71 -0.12 0.00	69.72 0.14 0.00	87.74 0.50 0.00	82.08 0.16 0.00	85.30 0.18 0.00	75.73 0.12 0.00	69.88 0.19 0.00	75.06 0.32 0.00	88.47 0.91 0.00	71.57 0.77 0.00
CHAUTAUQUA___LFGE 323629	37.67 -2.92 0.00	52.17 -3.71 0.00	43.73 -2.93 0.00	42.98 -2.33 0.00	35.91 -1.85 0.00	50.34 -2.51 0.00	69.44 -3.11 0.00	78.09 -4.91 0.00	72.89 -4.61 0.00	61.86 -3.39 0.00	54.13 -2.19 0.00	48.94 -2.85 0.00	35.05 -1.99 0.00	35.29 -1.58 0.00	44.46 -2.38 0.00	65.70 -3.88 0.00	81.16 -6.09 0.00	76.04 -5.88 0.00	78.62 -6.55 -0.05	70.54 -6.14 -1.07	64.44 -5.24 0.00	69.37 -5.37 0.00	82.55 -5.01 0.00	67.68 -3.11 0.00
CHERRYST_13_KV_LD 356241	60.00 2.38 -17.03	73.02 3.03 -14.11	63.69 2.55 -14.48	59.53 2.40 -11.82	56.19 2.12 -16.31	58.43 2.96 -2.62	76.78 4.24 0.00	87.94 4.94 0.00	82.52 4.86 -0.15	69.03 3.78 0.00	60.06 3.75 0.00	55.70 3.90 0.00	39.91 2.87 0.00	39.53 2.66 0.00	50.27 3.44 0.00	74.24 4.66 0.00	93.26 6.02 0.00	96.77 5.95 -8.91	96.17 6.12 -4.94	87.75 5.50 -6.63	76.53 4.79 -2.06	88.60 4.89 -8.98	94.02 5.05 -1.41	76.17 4.00 -1.37

CHESTROR_138KV_BK263 355645	58.02 1.67 -15.76	71.12 2.18 -13.05	61.93 1.86 -13.40	57.99 1.74 -10.93	54.41 1.55 -15.09	57.42 2.15 -2.42	75.61 3.07 0.00	86.53 3.53 0.00	81.12 3.47 -0.14	67.79 2.54 0.00	58.78 2.47 0.00	54.37 2.57 0.00	38.92 1.88 0.00	38.63 1.76 0.00	49.16 2.32 0.00	72.81 3.23 0.00	91.44 4.20 0.00	94.36 4.20 -8.24	94.00 4.31 -4.57	85.69 3.91 -6.16	74.96 3.37 -1.90	86.51 3.46 -8.30	92.43 3.56 -1.31	74.86 2.80 -1.27
CH_MIDHUDSON___DRP 24192	60.92 2.29 -18.05	73.84 3.00 -14.95	64.58 2.57 -15.35	60.28 2.44 -12.53	57.17 2.12 -17.29	58.57 2.94 -2.78	76.71 4.17 0.00	87.83 4.83 0.00	82.37 4.71 -0.16	68.83 3.57 0.00	59.73 3.41 0.00	55.23 3.44 0.00	39.52 2.48 0.00	39.22 2.35 0.00	49.93 3.10 0.00	73.91 4.33 0.00	92.89 5.65 0.00	96.84 5.53 -9.40	96.09 5.75 -5.22	87.68 5.19 -6.88	76.41 4.55 -2.18	88.93 4.67 -9.51	94.01 4.96 -1.50	76.19 3.94 -1.45
CH_MISC_IPPS 23765	60.70 2.46 -17.65	73.76 3.25 -14.62	64.43 2.77 -15.01	60.18 2.62 -12.25	56.95 2.28 -16.90	58.76 3.20 -2.71	77.05 4.51 0.00	88.22 5.22 0.00	82.72 5.06 -0.16	69.15 3.89 0.00	59.99 3.68 0.00	55.47 3.68 0.00	39.69 2.65 0.00	39.39 2.52 0.00	50.15 3.32 0.00	74.31 4.73 0.00	93.36 6.12 0.00	97.15 6.03 -9.21	96.42 6.20 -5.11	87.95 5.59 -6.74	76.71 4.89 -2.13	89.08 5.04 -9.30	94.38 5.36 -1.46	76.45 4.24 -1.42
CH_RES_BVR_FALLS 23983	40.46 -0.13 0.00	55.80 -0.08 0.00	46.47 -0.20 0.00	45.12 -0.19 0.00	37.56 -0.20 0.00	52.57 -0.28 0.00	72.12 -0.42 0.00	82.79 -0.21 0.00	77.23 -0.27 0.00	65.26 0.01 0.00	56.07 -0.24 0.00	51.49 -0.30 0.00	36.79 -0.24 0.00	36.63 -0.24 0.00	46.47 -0.36 0.00	69.18 -0.39 0.00	86.75 -0.49 0.00	81.17 -0.75 0.00	84.40 -0.72 0.00	74.96 -0.66 0.00	69.18 -0.51 0.00	74.31 -0.44 0.00	87.26 -0.30 0.00	70.58 -0.21 0.00
CH_RES_NIAGARA 23895	35.76 -4.83 0.00	49.32 -6.56 0.00	41.36 -5.30 0.00	40.61 -4.70 0.00	33.93 -3.83 0.00	47.48 -5.38 0.00	65.47 -7.07 0.00	73.40 -9.60 0.00	68.81 -8.70 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.36 -3.50 0.00	41.98 -4.85 0.00	62.31 -7.26 0.00	77.38 -9.87 0.00	72.24 -9.67 0.00	74.46 -10.70 -0.05	66.76 -9.82 -0.97	60.92 -8.77 0.00	65.72 -9.02 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
CH_RES_SYRACUSE 23985	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.78 -2.22 0.00	75.49 -2.02 0.00	63.53 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.27 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.13 -1.45 0.00	85.22 -2.02 0.00	80.54 -1.38 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.35 0.00
CLINTON_WT_PWR 323605	40.71 0.12 0.00	56.33 0.44 0.00	46.96 0.30 0.00	45.53 0.22 0.00	37.61 -0.15 0.00	52.53 -0.33 0.00	71.44 -1.10 0.00	82.31 -0.69 0.00	77.20 -0.31 0.00	65.48 0.23 0.00	56.10 -0.21 0.00	51.46 -0.34 0.00	36.80 -0.24 0.00	36.73 -0.14 0.00	46.71 -0.12 0.00	69.73 0.15 0.00	87.59 0.34 0.00	81.87 -0.05 0.00	85.09 -0.02 0.00	75.53 -0.09 0.00	69.67 -0.01 0.00	74.84 0.09 0.00	88.19 0.63 0.00	71.36 0.57 0.00
CLINTON___LFGE 323618	41.47 0.88 0.00	57.34 1.45 0.00	47.83 1.17 0.00	46.37 1.06 0.00	38.33 0.57 0.00	53.45 0.60 0.00	72.54 0.00 0.00	83.53 0.53 0.00	78.34 0.84 0.00	66.38 1.13 0.00	56.96 0.64 0.00	52.16 0.36 0.00	37.29 0.25 0.00	37.16 0.29 0.00	47.34 0.50 0.00	70.73 1.15 0.00	89.05 1.81 0.00	83.24 1.33 0.00	86.65 1.53 0.00	76.79 1.18 0.00	70.78 1.09 0.00	75.96 1.22 0.00	89.51 1.95 0.00	72.57 1.78 0.00
COBBLENY_34_KV_TB1 80064	37.58 -3.01 0.00	51.83 -4.06 0.00	43.48 -3.18 0.00	42.66 -2.65 0.00	35.62 -2.14 0.00	49.92 -2.93 0.00	68.74 -3.81 0.00	77.33 -5.67 0.00	72.42 -5.09 0.00	61.58 -3.67 0.00	53.89 -2.43 0.00	48.74 -3.05 0.00	34.88 -2.16 0.00	35.04 -1.83 0.00	44.22 -2.61 0.00	65.55 -4.03 0.00	81.23 -6.02 0.00	75.87 -6.04 0.00	78.43 -6.74 -0.06	70.37 -6.33 -1.09	64.06 -5.63 0.00	69.02 -5.72 0.00	81.97 -5.59 0.00	67.22 -3.57 0.00
COFFEEN___115KV_TB3 355620	41.08 0.50 0.00	56.69 0.80 0.00	47.61 0.94 0.00	46.10 0.79 0.00	38.37 0.61 0.00	53.63 0.78 0.00	74.59 2.05 0.00	86.52 3.52 0.00	81.01 3.51 0.00	67.90 2.65 0.00	58.30 1.99 0.00	53.11 1.31 0.00	37.97 0.93 0.00	37.74 0.87 0.00	47.78 0.95 0.00	72.59 3.02 0.00	91.29 4.05 0.00	85.67 3.75 0.00	89.38 4.26 0.00	79.26 3.64 0.00	72.77 3.09 0.00	77.89 3.15 0.00	91.27 3.71 0.00	73.57 2.78 0.00
COLDSPRG_115KV_BK1 355956	43.02 -1.81 -4.24	57.12 -2.28 -3.52	48.55 -1.72 -3.61	46.96 -1.29 -2.95	40.79 -1.03 -4.06	52.22 -1.28 -0.65	70.94 -1.61 0.00	79.90 -3.10 0.00	74.94 -2.61 -0.04	63.44 -1.81 0.00	55.37 -0.94 0.00	50.38 -1.41 0.00	36.17 -0.87 0.00	36.41 -0.46 0.00	45.93 -0.91 0.00	67.77 -1.80 0.00	83.71 -3.53 0.00	80.34 -3.80 -2.22	81.99 -4.35 -1.22	72.89 -4.19 -1.47	66.50 -3.70 -0.51	73.35 -3.63 -2.24	84.83 -3.08 -0.35	69.48 -1.66 -0.34
COLONIE_LFGE___ 323577	191.58 2.23 -148.77	182.20 3.06 -123.26	175.80 2.63 -126.51	151.09 2.53 -103.24	182.42 2.18 -142.48	78.69 2.97 -22.87	76.54 4.00 0.00	87.51 4.51 0.00	83.19 4.33 -1.36	68.62 3.37 0.00	59.34 3.03 0.00	54.64 2.84 0.00	39.03 1.99 0.00	38.80 1.93 0.00	49.42 2.59 0.00	73.34 3.77 0.00	92.14 4.89 0.00	164.57 4.81 -77.84	131.77 4.93 -41.73	111.04 4.43 -30.99	91.65 4.01 -17.95	157.46 4.32 -78.40	104.74 4.85 -12.33	86.67 3.91 -11.97
COOPERNY_115KV_TB1 80082	54.83 1.17 -13.07	68.26 1.55 -10.83	59.13 1.36 -11.11	55.65 1.27 -9.07	51.40 1.12 -12.52	56.41 1.55 -2.01	74.75 2.21 0.00	85.53 2.53 0.00	80.10 2.47 -0.12	67.06 1.81 0.00	58.09 1.78 0.00	53.66 1.87 0.00	38.39 1.35 0.00	38.14 1.27 0.00	48.51 1.68 0.00	71.91 2.34 0.00	90.23 2.99 0.00	91.76 3.01 -6.83	91.97 3.06 -3.79	83.48 2.80 -5.07	73.66 2.40 -1.58	84.09 2.46 -6.89	91.14 2.49 -1.08	73.81 1.97 -1.05
COPENHAGEN_WT_PWR 323753	40.24 -0.35 0.00	55.56 -0.32 0.00	46.77 0.11 0.00	45.25 -0.06 0.00	37.64 -0.12 0.00	52.57 -0.28 0.00	73.28 0.73 0.00	85.23 2.23 0.00	79.94 2.43 0.00	67.11 1.86 0.00	57.68 1.37 0.00	52.63 0.83 0.00	37.62 0.58 0.00	37.42 0.55 0.00	47.43 0.60 0.00	71.68 2.10 0.00	90.04 2.79 0.00	84.29 2.38 0.00	87.89 2.78 0.00	77.99 2.38 0.00	71.57 1.89 0.00	76.58 1.84 0.00	89.87 2.31 0.00	72.50 1.71 0.00
CORNELL_____ 23752	46.46 0.14 -5.74	60.85 0.21 -4.75	51.87 0.33 -4.87	49.74 0.45 -3.98	43.68 0.42 -5.49	54.34 0.61 -0.88	73.54 1.00 0.00	84.03 1.03 0.00	78.57 1.01 -0.05	65.93 0.67 0.00	56.78 0.47 0.00	52.01 0.21 0.00	37.17 0.13 0.00	36.97 0.10 0.00	47.31 0.48 0.00	70.76 1.18 0.00	88.48 1.24 0.00	86.10 1.19 -3.00	87.90 1.14 -1.65	78.40 0.86 -1.92	71.08 0.70 -0.69	78.40 0.63 -3.02	88.60 0.56 -0.48	71.88 0.63 -0.46

CORONA V_69 KV_TB1 355595	60.53 2.92 -17.02	73.82 3.82 -14.10	64.31 3.17 -14.47	60.11 2.99 -11.81	56.68 2.61 -16.30	59.22 3.75 -2.62	131.63 5.35 -53.74	88.81 5.81 0.00	83.25 5.59 -0.15	69.22 3.96 0.00	60.38 4.07 0.00	56.03 4.23 0.00	40.00 2.96 0.00	39.64 2.78 0.00	50.40 3.57 0.00	74.69 5.12 0.00	93.90 6.66 0.00	97.94 6.55 -9.47	102.68 6.92 -10.64	141.12 6.28 -59.22	159.47 5.58 -84.21	91.90 5.57 -11.59	94.92 5.95 -1.41	76.89 4.73 -1.37
CORTLAND_115KV_TB3 80093	44.71 -0.17 -4.29	59.21 -0.22 -3.55	50.27 -0.04 -3.64	48.34 0.05 -2.97	41.94 0.08 -4.11	53.61 0.10 -0.66	72.81 0.26 0.00	83.20 0.20 0.00	77.82 0.28 -0.04	65.36 0.11 0.00	56.43 0.11 0.00	51.72 -0.08 0.00	37.00 -0.04 0.00	36.86 -0.01 0.00	46.98 0.14 0.00	70.02 0.45 0.00	87.62 0.38 0.00	84.57 0.42 -2.24	86.70 0.35 -1.23	77.31 0.22 -1.48	70.32 0.11 -0.52	77.05 0.05 -2.26	87.79 -0.12 -0.36	71.14 0.00 -0.34
COXSACKIE__GT 23611	110.68 3.82 -66.27	115.99 5.20 -54.91	107.54 4.51 -56.35	95.70 4.40 -45.99	104.96 3.73 -63.47	68.23 5.19 -10.19	79.49 6.95 0.00	91.03 8.03 0.00	85.67 7.57 -0.60	71.05 5.79 0.00	60.91 4.60 0.00	55.87 4.07 0.00	39.65 2.61 0.00	39.42 2.56 0.00	50.88 4.05 0.00	75.16 5.59 0.00	95.73 8.49 0.00	125.07 8.48 -34.67	112.58 8.76 -18.70	99.16 7.56 -15.99	84.44 6.75 -8.00	116.73 7.06 -34.93	101.32 8.27 -5.49	82.97 6.85 -5.33
CPV_VALLEY__CC1 323721	56.54 1.31 -14.64	69.71 1.70 -12.13	60.58 1.48 -12.45	56.84 1.37 -10.16	53.01 1.23 -14.02	56.78 1.68 -2.25	74.97 2.42 0.00	85.79 2.79 0.00	80.41 2.77 -0.13	67.27 2.01 0.00	58.32 2.01 0.00	53.94 2.14 0.00	38.61 1.57 0.00	38.33 1.46 0.00	48.75 1.91 0.00	72.17 2.59 0.00	90.63 3.38 0.00	92.97 3.40 -7.65	92.84 3.48 -4.24	84.54 3.18 -5.74	74.17 2.72 -1.77	85.22 2.76 -7.71	91.55 2.78 -1.21	74.14 2.17 -1.18
CPV_VALLEY__CC2 323722	56.54 1.31 -14.64	69.71 1.70 -12.13	60.58 1.48 -12.45	56.84 1.37 -10.16	53.01 1.23 -14.02	56.78 1.68 -2.25	74.97 2.42 0.00	85.79 2.79 0.00	80.41 2.77 -0.13	67.27 2.01 0.00	58.32 2.01 0.00	53.94 2.14 0.00	38.61 1.57 0.00	38.33 1.46 0.00	48.75 1.91 0.00	72.17 2.59 0.00	90.63 3.38 0.00	92.97 3.40 -7.65	92.84 3.48 -4.24	84.54 3.18 -5.74	74.17 2.72 -1.77	85.22 2.76 -7.71	91.55 2.78 -1.21	74.14 2.17 -1.18
CRESCENT__HYD 24018	191.58 2.23 -148.77	182.20 3.06 -123.26	175.80 2.63 -126.51	151.09 2.53 -103.24	182.42 2.18 -142.48	78.69 2.97 -22.87	76.54 4.00 0.00	87.51 4.51 0.00	83.19 4.33 -1.36	68.62 3.37 0.00	59.34 3.03 0.00	54.64 2.84 0.00	39.03 1.99 0.00	38.80 1.93 0.00	49.42 2.59 0.00	73.34 3.77 0.00	92.14 4.89 0.00	164.57 4.81 -77.84	131.77 4.93 -41.73	111.04 4.43 -30.99	91.65 4.01 -17.95	157.46 4.32 -78.40	104.74 4.85 -12.33	86.67 3.91 -11.97
CRICKET__VALLEY_CC1 323756	63.40 2.05 -20.76	75.77 2.68 -17.20	66.64 2.32 -17.65	61.92 2.19 -14.41	59.55 1.91 -19.88	58.70 2.66 -3.19	76.28 3.74 0.00	87.33 4.33 0.00	81.95 4.26 -0.19	68.49 3.24 0.00	59.45 3.14 0.00	54.98 3.19 0.00	39.35 2.32 0.00	39.02 2.15 0.00	49.69 2.86 0.00	73.56 3.98 0.00	92.34 5.10 0.00	97.72 4.94 -10.87	96.27 5.16 -5.98	87.81 4.72 -7.48	76.30 4.11 -2.51	89.88 4.20 -10.94	93.73 4.46 -1.72	76.03 3.57 -1.67
CRICKET__VALLEY_CC2 323757	63.40 2.05 -20.76	75.77 2.68 -17.20	66.64 2.32 -17.65	61.92 2.19 -14.41	59.55 1.91 -19.88	58.70 2.66 -3.19	76.28 3.74 0.00	87.33 4.33 0.00	81.95 4.26 -0.19	68.49 3.24 0.00	59.45 3.14 0.00	54.98 3.19 0.00	39.35 2.32 0.00	39.02 2.15 0.00	49.69 2.86 0.00	73.56 3.98 0.00	92.34 5.10 0.00	97.72 4.94 -10.87	96.27 5.16 -5.98	87.81 4.72 -7.48	76.30 4.11 -2.51	89.88 4.20 -10.94	93.73 4.46 -1.72	76.03 3.57 -1.67
CRICKET__VALLEY_CC3 323758	63.40 2.05 -20.76	75.77 2.68 -17.20	66.64 2.32 -17.65	61.92 2.19 -14.41	59.55 1.91 -19.88	58.70 2.66 -3.19	76.28 3.74 0.00	87.33 4.33 0.00	81.95 4.26 -0.19	68.49 3.24 0.00	59.45 3.14 0.00	54.98 3.19 0.00	39.35 2.32 0.00	39.02 2.15 0.00	49.69 2.86 0.00	73.56 3.98 0.00	92.34 5.10 0.00	97.72 4.94 -10.87	96.27 5.16 -5.98	87.81 4.72 -7.48	76.30 4.11 -2.51	89.88 4.20 -10.94	93.73 4.46 -1.72	76.03 3.57 -1.67
CRUCIBLE_METL_DRP 24180	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.79 -2.22 0.00	75.49 -2.02 0.00	63.52 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.28 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.12 -1.46 0.00	85.22 -2.02 0.00	80.54 -1.37 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.34 0.00
DAHOWA__HYDRO 323763	219.45 3.14 -175.72	205.78 4.31 -145.59	199.74 3.64 -149.44	170.79 3.52 -121.96	209.07 3.02 -168.30	84.14 4.28 -27.01	78.37 5.82 0.00	89.73 6.73 0.00	85.54 6.44 -1.60	70.14 4.89 0.00	60.49 4.17 0.00	55.51 3.71 0.00	39.59 2.55 0.00	39.44 2.57 0.00	50.29 3.45 0.00	74.80 5.22 0.00	94.29 7.04 0.00	180.98 7.12 -91.95	141.64 7.27 -49.25	117.90 6.43 -35.85	96.78 5.89 -21.21	173.71 6.36 -92.61	109.34 7.22 -14.56	90.73 5.80 -14.14
DANC__LFGE 323619	39.77 -0.81 0.00	54.85 -1.03 0.00	46.06 -0.61 0.00	44.64 -0.66 0.00	37.19 -0.58 0.00	51.92 -0.93 0.00	71.96 -0.58 0.00	83.14 0.13 0.00	77.87 0.37 0.00	65.43 0.18 0.00	56.36 0.05 0.00	51.60 -0.20 0.00	36.90 -0.14 0.00	36.74 -0.13 0.00	46.59 -0.25 0.00	69.95 0.37 0.00	87.75 0.50 0.00	82.32 0.40 0.00	85.70 0.58 0.00	76.03 0.42 0.00	69.88 0.20 0.00	74.93 0.19 0.00	87.81 0.26 0.00	70.94 0.14 0.00
DANSKAMMER__1 23586	60.70 2.46 -17.65	73.76 3.25 -14.62	64.43 2.77 -15.01	60.18 2.62 -12.25	56.95 2.28 -16.90	58.76 3.20 -2.71	77.05 4.51 0.00	88.22 5.22 0.00	82.72 5.06 -0.16	69.15 3.89 0.00	59.99 3.68 0.00	55.47 3.68 0.00	39.69 2.65 0.00	39.39 2.52 0.00	50.15 3.32 0.00	74.31 4.73 0.00	93.36 6.12 0.00	97.15 6.03 -9.21	96.42 6.20 -5.11	87.95 5.59 -6.74	76.71 4.89 -2.13	89.08 5.04 -9.30	94.38 5.36 -1.46	76.45 4.24 -1.42
DANSKAMMER__2 23589	60.70 2.46 -17.65	73.76 3.25 -14.62	64.43 2.77 -15.01	60.18 2.62 -12.25	56.95 2.28 -16.90	58.76 3.20 -2.71	77.05 4.51 0.00	88.22 5.22 0.00	82.72 5.06 -0.16	69.15 3.89 0.00	59.99 3.68 0.00	55.47 3.68 0.00	39.69 2.65 0.00	39.39 2.52 0.00	50.15 3.32 0.00	74.31 4.73 0.00	93.36 6.12 0.00	97.15 6.03 -9.21	96.42 6.20 -5.11	87.95 5.59 -6.74	76.71 4.89 -2.13	89.08 5.04 -9.30	94.38 5.36 -1.46	76.45 4.24 -1.42
DANSKAMMER__3 23590	60.70 2.46 -17.65	73.76 3.25 -14.62	64.43 2.77 -15.01	60.18 2.62 -12.25	56.95 2.28 -16.90	58.76 3.20 -2.71	77.05 4.51 0.00	88.22 5.22 0.00	82.72 5.06 -0.16	69.15 3.89 0.00	59.99 3.68 0.00	55.47 3.68 0.00	39.69 2.65 0.00	39.39 2.52 0.00	50.15 3.32 0.00	74.31 4.73 0.00	93.36 6.12 0.00	97.15 6.03 -9.21	96.42 6.20 -5.11	87.95 5.59 -6.74	76.71 4.89 -2.13	89.08 5.04 -9.30	94.38 5.36 -1.46	76.45 4.24 -1.42

DANSKAMMER___4 23591	60.70 2.46 -17.65	73.76 3.25 -14.62	64.43 2.77 -15.01	60.18 2.62 -12.25	56.95 2.28 -16.90	58.76 3.20 -2.71	77.05 4.51 0.00	88.22 5.22 0.00	82.72 5.06 -0.16	69.15 3.89 0.00	59.99 3.68 0.00	55.47 3.68 0.00	39.69 2.65 0.00	39.39 2.52 0.00	50.15 3.32 0.00	74.31 4.73 0.00	93.36 6.12 0.00	97.15 6.03 -9.21	96.42 6.20 -5.11	87.95 5.59 -6.74	76.71 4.89 -2.13	89.08 5.04 -9.30	94.38 5.36 -1.46	76.45 4.24 -1.42
DANSKAMMER___DIESEL 23592	60.70 2.47 -17.65	73.76 3.26 -14.62	64.44 2.76 -15.01	60.18 2.63 -12.25	56.94 2.28 -16.90	58.76 3.20 -2.71	77.05 4.51 0.00	88.22 5.22 0.00	82.72 5.06 -0.16	69.15 3.89 0.00	59.99 3.68 0.00	55.47 3.68 0.00	39.69 2.65 0.00	39.39 2.52 0.00	50.15 3.32 0.00	74.30 4.73 0.00	93.37 6.12 0.00	97.16 6.04 -9.21	96.44 6.21 -5.11	87.95 5.59 -6.74	76.71 4.90 -2.13	89.08 5.04 -9.30	94.38 5.36 -1.46	76.45 4.24 -1.42
DARBY___SOLAR 323810	215.85 2.87 -172.39	202.67 3.95 -142.83	196.62 3.36 -146.60	168.19 3.23 -119.64	205.64 2.77 -165.11	83.27 3.92 -26.50	77.87 5.33 0.00	89.12 6.12 0.00	84.94 5.86 -1.57	69.70 4.45 0.00	60.10 3.79 0.00	55.20 3.40 0.00	39.37 2.33 0.00	39.21 2.34 0.00	49.99 3.16 0.00	74.37 4.80 0.00	93.70 6.45 0.00	178.63 6.51 -90.20	140.08 6.63 -48.32	116.77 5.90 -35.25	95.86 5.37 -20.81	171.39 5.80 -90.85	108.43 6.59 -14.29	89.97 5.31 -13.87
DASHVILLE___HYD 23610	70.24 2.08 -27.57	81.46 2.73 -22.85	72.45 2.33 -23.45	66.67 2.23 -19.14	66.11 1.95 -26.41	59.91 2.82 -4.24	76.54 3.99 0.00	87.65 4.64 0.00	82.26 4.50 -0.25	68.69 3.44 0.00	59.60 3.29 0.00	55.08 3.28 0.00	39.42 2.38 0.00	39.11 2.24 0.00	49.84 3.01 0.00	73.77 4.19 0.00	92.72 5.47 0.00	101.57 5.24 -14.41	98.50 5.50 -7.88	89.19 4.97 -8.61	77.34 4.33 -3.33	93.58 4.31 -14.53	94.56 4.72 -2.29	76.72 3.71 -2.22
DEERFIELD_69_KV_DEERFIELD LD 355887	61.14 3.53 -17.02	74.61 4.62 -14.10	65.00 3.86 -14.47	60.90 3.78 -11.81	57.43 3.36 -16.30	60.40 4.93 -2.62	133.79 7.51 -53.74	102.49 9.19 -10.30	91.60 8.76 -5.33	71.18 5.93 0.00	61.84 5.53 0.00	57.51 5.71 0.00	41.29 4.25 0.00	41.05 4.18 0.00	52.04 5.21 0.00	122.62 8.07 -44.97	122.28 10.57 -24.46	165.97 10.18 -73.87	230.13 10.16 -134.86	241.99 9.70 -156.67	243.23 8.49 -165.06	271.65 7.83 -189.08	265.48 9.00 -168.93	181.11 7.31 -103.01
DELAWARE___LFGE 323621	67.03 1.16 -25.28	78.48 1.65 -20.95	69.69 1.53 -21.50	64.36 1.51 -17.55	63.27 1.29 -24.21	58.49 1.75 -3.89	74.99 2.45 0.00	85.79 2.79 0.00	80.48 2.74 -0.23	67.43 2.17 0.00	58.30 1.99 0.00	53.66 1.86 0.00	38.36 1.32 0.00	38.18 1.31 0.00	48.58 1.74 0.00	72.15 2.57 0.00	90.45 3.20 0.00	98.13 2.99 -13.23	95.23 2.96 -7.16	84.87 2.64 -6.61	75.06 2.33 -3.05	90.43 2.37 -13.32	92.08 2.43 -2.10	74.82 2.00 -2.04
DERFIELD_115KV_TB7 355931	40.96 0.37 0.00	56.39 0.51 0.00	47.13 0.47 0.00	45.77 0.46 0.00	38.17 0.41 0.00	53.39 0.54 0.00	73.28 0.74 0.00	83.86 0.86 0.00	78.36 0.85 0.00	65.89 0.64 0.00	56.92 0.60 0.00	52.37 0.57 0.00	37.44 0.40 0.00	37.26 0.39 0.00	47.37 0.54 0.00	70.35 0.77 0.00	88.29 1.05 0.00	82.94 1.02 0.00	86.13 1.01 0.00	76.54 0.93 0.00	70.49 0.80 0.00	75.56 0.82 0.00	88.39 0.84 0.00	71.44 0.65 0.00
DOGLEVILLE___HYD 23807	42.79 2.20 0.00	58.98 3.09 0.00	49.53 2.87 0.00	48.12 2.81 0.00	40.32 2.56 0.00	56.30 3.45 0.00	77.10 4.56 0.00	88.04 5.03 0.00	82.63 5.13 0.00	68.72 3.47 0.00	59.03 2.71 0.00	54.16 2.36 0.00	38.59 1.55 0.00	38.46 1.59 0.00	49.47 2.64 0.00	73.95 4.38 0.00	93.62 6.38 0.00	88.53 6.62 0.00	91.75 6.64 0.00	81.25 5.64 0.00	74.72 5.04 0.00	79.66 4.92 0.00	92.85 5.30 0.00	74.87 4.07 0.00
DUNKIRK___115KV_TB_200 55889	37.59 -3.00 0.00	52.03 -3.86 0.00	43.64 -3.02 0.00	42.88 -2.43 0.00	35.82 -1.94 0.00	50.23 -2.63 0.00	69.29 -3.26 0.00	77.91 -5.09 0.00	72.78 -4.73 0.00	61.78 -3.47 0.00	54.05 -2.27 0.00	48.87 -2.93 0.00	34.98 -2.06 0.00	35.22 -1.65 0.00	44.39 -2.45 0.00	65.59 -3.98 0.00	81.10 -6.14 0.00	75.90 -6.02 0.00	78.45 -6.72 -0.05	70.42 -6.26 -1.06	64.32 -5.36 0.00	69.24 -5.50 0.00	82.38 -5.18 0.00	67.56 -3.23 0.00
DUNKIRK___1 23563	37.59 -3.00 0.00	52.03 -3.86 0.00	43.64 -3.02 0.00	42.88 -2.43 0.00	35.82 -1.94 0.00	50.23 -2.63 0.00	69.29 -3.26 0.00	77.91 -5.09 0.00	72.78 -4.73 0.00	61.78 -3.47 0.00	54.05 -2.27 0.00	48.87 -2.93 0.00	34.98 -2.06 0.00	35.22 -1.65 0.00	44.39 -2.45 0.00	65.59 -3.98 0.00	81.10 -6.14 0.00	75.90 -6.02 0.00	78.45 -6.72 -0.05	70.42 -6.26 -1.06	64.32 -5.36 0.00	69.24 -5.50 0.00	82.38 -5.18 0.00	67.56 -3.23 0.00
DUNKIRK___2 23564	37.59 -3.00 0.00	52.03 -3.86 0.00	43.64 -3.02 0.00	42.88 -2.43 0.00	35.82 -1.94 0.00	50.23 -2.63 0.00	69.29 -3.26 0.00	77.91 -5.09 0.00	72.78 -4.73 0.00	61.78 -3.47 0.00	54.05 -2.27 0.00	48.87 -2.93 0.00	34.98 -2.06 0.00	35.22 -1.65 0.00	44.39 -2.45 0.00	65.59 -3.98 0.00	81.10 -6.14 0.00	75.90 -6.02 0.00	78.45 -6.72 -0.05	70.42 -6.26 -1.06	64.32 -5.36 0.00	69.24 -5.50 0.00	82.38 -5.18 0.00	67.56 -3.23 0.00
DUNKIRK___3 23565	37.46 -3.13 0.00	51.79 -4.09 0.00	43.44 -3.22 0.00	42.67 -2.64 0.00	35.65 -2.12 0.00	49.96 -2.89 0.00	68.88 -3.66 0.00	77.44 -5.56 0.00	72.41 -5.09 0.00	61.51 -3.74 0.00	53.82 -2.49 0.00	48.66 -3.14 0.00	34.84 -2.20 0.00	35.04 -1.83 0.00	44.19 -2.64 0.00	65.37 -4.21 0.00	80.84 -6.41 0.00	75.59 -6.33 0.00	78.12 -7.04 -0.05	70.10 -6.57 -1.05	63.97 -5.71 0.00	68.91 -5.83 0.00	81.98 -5.58 0.00	67.21 -3.59 0.00
DUNKIRK___4 23566	37.46 -3.13 0.00	51.79 -4.09 0.00	43.44 -3.22 0.00	42.67 -2.64 0.00	35.65 -2.12 0.00	49.96 -2.89 0.00	68.88 -3.66 0.00	77.44 -5.56 0.00	72.41 -5.09 0.00	61.51 -3.74 0.00	53.82 -2.49 0.00	48.66 -3.14 0.00	34.84 -2.20 0.00	35.04 -1.83 0.00	44.19 -2.64 0.00	65.37 -4.21 0.00	80.84 -6.41 0.00	75.59 -6.33 0.00	78.12 -7.04 -0.05	70.10 -6.57 -1.05	63.97 -5.71 0.00	68.91 -5.83 0.00	81.98 -5.58 0.00	67.21 -3.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	59.87 2.26 -17.03	72.91 2.92 -14.11	63.61 2.46 -14.48	59.44 2.31 -11.82	56.10 2.03 -16.31	58.30 2.83 -2.62	76.57 4.02 0.00	87.67 4.67 0.00	82.24 4.58 -0.15	68.72 3.47 0.00	59.72 3.41 0.00	55.33 3.53 0.00	39.61 2.57 0.00	39.26 2.39 0.00	49.94 3.11 0.00	73.84 4.26 0.00	92.77 5.52 0.00	96.30 5.48 -8.91	95.73 5.67 -4.94	87.36 5.11 -6.63	76.21 4.47 -2.06	88.26 4.55 -8.98	93.73 4.76 -1.41	75.93 3.77 -1.37
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	59.71 2.02 -17.10	72.70 2.65 -14.17	63.47 2.27 -14.54	59.30 2.13 -11.87	56.01 1.87 -16.38	58.09 2.60 -2.63	76.24 3.69 0.00	87.28 4.28 0.00	81.83 4.17 -0.16	68.38 3.13 0.00	59.31 2.99 0.00	54.86 3.07 0.00	39.25 2.21 0.00	38.96 2.09 0.00	49.59 2.75 0.00	73.48 3.90 0.00	92.31 5.07 0.00	95.88 5.04 -8.93	95.25 5.19 -4.95	86.83 4.68 -6.54	75.82 4.07 -2.07	87.92 4.17 -9.01	93.32 4.35 -1.42	75.60 3.43 -1.38

E179THST_138_KV_TB4_REV_LBMP_J 345001	59.82 2.20 -17.03	72.76 2.76 -14.11	63.53 2.39 -14.48	59.36 2.23 -11.82	56.05 1.98 -16.31	58.20 2.73 -2.62	76.52 3.98 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.82 3.57 0.00	59.89 3.58 0.00	55.63 3.83 0.00	39.80 2.76 0.00	39.48 2.61 0.00	50.24 3.41 0.00	74.12 4.54 0.00	93.21 5.97 0.00	96.69 5.87 -8.91	96.12 6.06 -4.94	87.73 5.48 -6.63	76.51 4.77 -2.06	88.64 4.92 -8.98	93.99 5.02 -1.41	76.17 4.01 -1.37
E179THST_13_KV_LOAD 356214	60.01 2.40 -17.03	73.02 3.02 -14.11	63.74 2.60 -14.48	59.55 2.42 -11.82	56.22 2.15 -16.31	58.43 2.96 -2.62	76.86 4.31 0.00	88.02 5.01 0.00	82.63 4.97 -0.15	69.15 3.89 0.00	60.18 3.87 0.00	55.89 4.09 0.00	40.00 2.96 0.00	39.69 2.82 0.00	50.49 3.66 0.00	74.51 4.93 0.00	93.68 6.44 0.00	97.14 6.32 -8.91	96.59 6.54 -4.94	88.13 5.89 -6.63	76.88 5.14 -2.06	89.02 5.30 -8.98	94.43 5.46 -1.41	76.53 4.37 -1.37
EAST HAMPTON___GT 23717	60.58 2.97 -17.02	73.92 3.93 -14.10	64.45 3.31 -14.47	60.50 3.37 -11.81	57.19 3.12 -16.30	60.10 4.63 -2.62	133.76 7.47 -53.74	103.07 9.77 -10.31	92.28 9.44 -5.33	71.65 6.40 0.00	62.35 6.04 0.00	58.13 6.33 0.00	41.75 4.71 0.00	41.53 4.66 0.00	52.66 5.83 0.00	123.63 9.07 -44.98	123.58 11.87 -24.46	167.06 11.25 -73.89	230.74 10.73 -134.90	243.12 10.80 -156.70	243.82 9.06 -165.08	271.79 7.92 -189.13	265.78 9.25 -168.97	181.51 7.68 -103.04
EAST RIVER___6 23660	59.82 2.20 -17.03	72.76 2.77 -14.11	63.47 2.33 -14.48	59.31 2.18 -11.82	56.01 1.94 -16.31	58.17 2.71 -2.62	76.42 3.88 0.00	87.55 4.55 0.00	82.17 4.51 -0.15	68.73 3.47 0.00	59.81 3.50 0.00	55.47 3.67 0.00	39.75 2.71 0.00	39.36 2.50 0.00	50.07 3.24 0.00	73.91 4.34 0.00	92.89 5.64 0.00	96.44 5.61 -8.91	95.81 5.76 -4.94	87.42 5.17 -6.63	76.23 4.49 -2.06	88.29 4.58 -8.98	93.65 4.68 -1.41	75.85 3.69 -1.37
EAST RIVER___7 23524	59.82 2.20 -17.03	72.76 2.77 -14.11	63.47 2.33 -14.48	59.31 2.18 -11.82	56.01 1.94 -16.31	58.17 2.71 -2.62	76.42 3.88 0.00	87.55 4.55 0.00	82.17 4.51 -0.15	68.73 3.47 0.00	59.81 3.50 0.00	55.47 3.67 0.00	39.75 2.71 0.00	39.36 2.50 0.00	50.07 3.24 0.00	73.91 4.34 0.00	92.89 5.64 0.00	96.44 5.61 -8.91	95.81 5.76 -4.94	87.42 5.17 -6.63	76.23 4.49 -2.06	88.29 4.58 -8.98	93.65 4.68 -1.41	75.85 3.69 -1.37
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	59.73 2.14 -17.00	72.75 2.78 -14.08	63.47 2.35 -14.45	59.31 2.21 -11.80	55.99 1.95 -16.28	58.18 2.71 -2.61	76.41 3.87 0.00	87.47 4.47 0.00	82.04 4.38 -0.15	68.58 3.32 0.00	59.57 3.25 0.00	55.17 3.37 0.00	39.49 2.46 0.00	39.15 2.28 0.00	49.81 2.97 0.00	73.67 4.10 0.00	92.55 5.30 0.00	96.05 5.24 -8.89	95.48 5.43 -4.93	87.15 4.92 -6.62	76.01 4.28 -2.05	88.07 4.37 -8.96	93.49 4.52 -1.41	75.78 3.62 -1.37
EAST_HAMPTON___DIESEL 23722	60.46 2.84 -17.02	73.76 3.77 -14.10	64.32 3.18 -14.47	60.39 3.26 -11.81	57.11 3.04 -16.30	60.00 4.53 -2.62	133.65 7.36 -53.74	103.01 9.70 -10.31	92.25 9.41 -5.33	71.62 6.37 0.00	62.35 6.03 0.00	58.14 6.34 0.00	41.76 4.72 0.00	41.54 4.67 0.00	52.66 5.83 0.00	123.64 9.08 -44.98	123.60 11.89 -24.46	167.06 11.26 -73.89	230.78 10.77 -134.89	243.13 10.82 -156.70	243.78 9.01 -165.08	271.77 7.91 -189.12	265.76 9.23 -168.97	181.47 7.64 -103.04
EAST_POINT___SOLAR 323840	220.90 2.96 -177.35	206.92 4.09 -146.94	201.01 3.53 -150.82	171.87 3.48 -123.08	210.54 2.92 -169.86	84.26 4.14 -27.26	78.50 5.96 0.00	89.89 6.89 0.00	85.38 6.26 -1.62	69.91 4.66 0.00	58.85 2.54 0.00	53.61 1.82 0.00	38.37 1.33 0.00	38.53 1.66 0.00	49.43 2.59 0.00	74.60 5.02 0.00	94.70 7.45 0.00	182.32 7.61 -92.80	142.61 7.80 -49.69	118.13 6.64 -35.87	96.96 5.87 -21.40	174.23 6.01 -93.47	109.09 6.83 -14.70	90.41 5.35 -14.27
EAST_PULASKI___ESR 323781	39.30 -1.29 0.00	54.11 -1.77 0.00	45.32 -1.34 0.00	44.01 -1.30 0.00	36.70 -1.06 0.00	51.26 -1.59 0.00	70.68 -1.86 0.00	81.07 -1.93 0.00	75.83 -1.68 0.00	63.76 -1.50 0.00	55.06 -1.26 0.00	50.54 -1.26 0.00	36.16 -0.88 0.00	36.04 -0.83 0.00	45.71 -1.13 0.00	68.22 -1.36 0.00	85.49 -1.76 0.00	80.35 -1.57 0.00	83.53 -1.59 0.00	74.11 -1.51 0.00	68.19 -1.49 0.00	73.24 -1.50 0.00	85.74 -1.82 0.00	69.33 -1.46 0.00
EAST_RIVER___1 323558	59.89 2.27 -17.03	72.89 2.89 -14.11	63.57 2.43 -14.48	59.41 2.28 -11.82	56.10 2.03 -16.31	58.29 2.82 -2.62	76.57 4.02 0.00	87.71 4.71 0.00	82.29 4.63 -0.15	68.82 3.57 0.00	59.89 3.57 0.00	55.53 3.73 0.00	39.79 2.75 0.00	39.41 2.54 0.00	50.13 3.30 0.00	74.01 4.43 0.00	92.97 5.73 0.00	96.50 5.68 -8.91	95.89 5.84 -4.94	87.52 5.27 -6.63	76.32 4.58 -2.06	88.41 4.69 -8.98	93.79 4.82 -1.41	75.98 3.82 -1.37
EAST_RIVER___2 323559	59.82 2.20 -17.03	72.76 2.77 -14.11	63.47 2.33 -14.48	59.31 2.18 -11.82	56.01 1.94 -16.31	58.17 2.71 -2.62	76.42 3.88 0.00	87.55 4.55 0.00	82.17 4.51 -0.15	68.73 3.47 0.00	59.81 3.50 0.00	55.47 3.67 0.00	39.75 2.71 0.00	39.36 2.50 0.00	50.07 3.24 0.00	73.91 4.34 0.00	92.89 5.64 0.00	96.44 5.61 -8.91	95.81 5.76 -4.94	87.42 5.17 -6.63	76.23 4.49 -2.06	88.29 4.58 -8.98	93.65 4.68 -1.41	75.85 3.69 -1.37
EAST___DELAWARE_HYD 23607	60.29 1.36 -18.34	72.77 1.69 -15.20	63.72 1.46 -15.60	59.39 1.35 -12.73	56.54 1.21 -17.57	57.39 1.72 -2.82	75.01 2.47 0.00	85.93 2.93 0.00	80.56 2.89 -0.17	67.23 1.98 0.00	58.20 1.88 0.00	53.79 1.99 0.00	38.44 1.40 0.00	38.17 1.30 0.00	48.69 1.86 0.00	72.31 2.73 0.00	90.91 3.66 0.00	95.28 3.78 -9.59	94.24 3.84 -5.29	85.64 3.47 -6.56	74.84 2.95 -2.22	87.34 2.93 -9.67	91.94 2.87 -1.52	74.43 2.17 -1.48
EIGHT_POINT___WT_PWR 323820	43.22 -2.30 -4.92	57.15 -2.81 -4.08	49.06 -1.79 -4.19	47.49 -1.23 -3.42	41.67 -0.80 -4.71	52.70 -0.91 -0.76	71.55 -1.00 0.00	81.30 -1.70 0.00	76.17 -1.38 -0.05	64.02 -1.23 0.00	55.23 -1.08 0.00	49.72 -2.08 0.00	35.40 -1.64 0.00	35.65 -1.21 0.00	45.78 -1.06 0.00	67.75 -1.83 0.00	83.00 -4.25 0.00	79.83 -4.66 -2.58	81.77 -4.76 -1.42	73.20 -4.13 -1.72	65.31 -4.97 -0.60	71.49 -5.85 -2.60	83.63 -4.34 -0.41	69.31 -1.88 -0.40
ELBRIDGE_115KV_TB2 80188	39.31 -1.28 0.00	54.11 -1.77 0.00	45.29 -1.38 0.00	44.10 -1.21 0.00	36.81 -0.95 0.00	51.51 -1.34 0.00	70.80 -1.74 0.00	80.83 -2.17 0.00	75.45 -2.05 0.00	63.55 -1.71 0.00	54.94 -1.37 0.00	50.49 -1.31 0.00	36.09 -0.95 0.00	35.99 -0.88 0.00	45.79 -1.05 0.00	68.08 -1.49 0.00	85.16 -2.09 0.00	80.09 -1.82 0.00	83.19 -1.96 -0.04	74.47 -1.87 -0.72	67.91 -1.78 0.00	72.82 -1.92 0.00	85.35 -2.20 0.00	69.14 -1.65 0.00
ELEC_TRO_TEK 24086	60.35 2.74 -17.02	73.61 3.62 -14.10	64.13 2.99 -14.47	59.94 2.82 -11.81	56.54 2.48 -16.30	59.04 3.57 -2.62	131.37 5.09 -53.74	88.60 5.60 0.00	83.05 5.39 -0.15	69.04 3.78 0.00	60.16 3.84 0.00	55.82 4.02 0.00	39.89 2.85 0.00	39.53 2.66 0.00	50.25 3.41 0.00	74.47 4.89 0.00	93.62 6.37 0.00	97.76 6.38 -9.47	102.38 6.62 -10.64	140.86 6.03 -59.22	159.22 5.32 -84.21	91.66 5.33 -11.59	94.65 5.68 -1.41	76.64 4.47 -1.37

ELLENBURG_WT_PWR 323604	40.71 0.12 0.00	56.33 0.44 0.00	46.96 0.30 0.00	45.53 0.22 0.00	37.61 -0.15 0.00	52.53 -0.33 0.00	71.44 -1.10 0.00	82.31 -0.69 0.00	77.20 -0.31 0.00	65.48 0.23 0.00	56.10 -0.21 0.00	51.46 -0.34 0.00	36.80 -0.24 0.00	36.73 -0.14 0.00	46.71 -0.12 0.00	69.73 0.15 0.00	87.59 0.34 0.00	81.87 -0.05 0.00	85.09 -0.02 0.00	75.53 -0.09 0.00	69.67 -0.01 0.00	74.84 0.09 0.00	88.19 0.63 0.00	71.36 0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.98 -3.61 0.00	51.04 -4.85 0.00	42.80 -3.86 0.00	42.01 -3.30 0.00	35.08 -2.68 0.00	49.15 -3.70 0.00	67.73 -4.81 0.00	76.12 -6.88 0.00	71.31 -6.19 0.00	60.69 -4.56 0.00	53.18 -3.14 0.00	48.07 -3.72 0.00	34.39 -2.65 0.00	34.50 -2.37 0.00	43.51 -3.32 0.00	64.54 -5.04 0.00	79.96 -7.29 0.00	74.70 -7.22 0.00	77.13 -8.04 -0.05	69.16 -7.48 -1.02	63.02 -6.66 0.00	67.95 -6.79 0.00	80.85 -6.71 0.00	66.21 -4.58 0.00
EMPIRE_CC_1 323656	89.73 1.83 -47.31	97.60 2.52 -39.20	89.10 2.20 -40.23	80.25 2.11 -32.83	84.89 1.82 -45.31	62.55 2.42 -7.27	75.81 3.26 0.00	86.65 3.65 0.00	81.44 3.50 -0.43	67.96 2.71 0.00	58.83 2.51 0.00	54.23 2.43 0.00	38.77 1.73 0.00	38.51 1.64 0.00	49.03 2.20 0.00	72.62 3.05 0.00	91.08 3.84 0.00	110.45 3.77 -24.76	102.35 3.82 -13.41	91.76 3.48 -12.66	78.57 3.17 -5.71	103.17 3.49 -24.93	95.33 3.85 -3.92	77.73 3.13 -3.81
EMPIRE_CC_2 323658	89.73 1.83 -47.31	97.60 2.52 -39.20	89.10 2.20 -40.23	80.25 2.11 -32.83	84.89 1.82 -45.31	62.55 2.42 -7.27	75.81 3.26 0.00	86.65 3.65 0.00	81.44 3.50 -0.43	67.96 2.71 0.00	58.83 2.51 0.00	54.23 2.43 0.00	38.77 1.73 0.00	38.51 1.64 0.00	49.03 2.20 0.00	72.62 3.05 0.00	91.08 3.84 0.00	110.45 3.77 -24.76	102.35 3.82 -13.41	91.76 3.48 -12.66	78.57 3.17 -5.71	103.17 3.49 -24.93	95.33 3.85 -3.92	77.73 3.13 -3.81
ENORWICH_115KV_TB1 80156	54.66 2.29 -11.79	69.05 3.40 -9.77	59.94 3.25 -10.02	56.86 3.37 -8.18	51.84 2.80 -11.29	58.83 4.17 -1.81	78.96 6.41 0.00	90.71 7.70 0.00	84.89 7.27 -0.11	71.13 5.87 0.00	61.07 4.76 0.00	55.65 3.85 0.00	39.56 2.52 0.00	39.58 2.71 0.00	50.50 3.67 0.00	76.21 6.63 0.00	95.48 8.23 0.00	95.22 7.14 -6.17	95.04 6.57 -3.36	84.86 5.81 -3.44	76.71 5.60 -1.42	86.00 5.05 -6.21	93.53 4.99 -0.98	76.17 4.43 -0.95
ERIE_ST__34_KV_TB1-2 80199	37.71 -2.88 0.00	51.99 -3.90 0.00	43.58 -3.08 0.00	42.75 -2.57 0.00	35.67 -2.09 0.00	50.00 -2.85 0.00	68.86 -3.68 0.00	77.52 -5.48 0.00	72.63 -4.88 0.00	61.78 -3.48 0.00	54.07 -2.24 0.00	48.98 -2.81 0.00	35.00 -2.04 0.00	35.15 -1.72 0.00	44.38 -2.46 0.00	65.79 -3.79 0.00	81.53 -5.71 0.00	76.19 -5.72 0.00	78.74 -6.43 -0.05	70.62 -6.06 -1.06	64.25 -5.43 0.00	69.25 -5.49 0.00	82.25 -5.31 0.00	67.31 -3.48 0.00
ERIE_WT_PWR 323693	37.33 -3.26 0.00	51.48 -4.41 0.00	43.13 -3.54 0.00	42.39 -2.92 0.00	35.37 -2.39 0.00	49.54 -3.31 0.00	68.28 -4.26 0.00	76.75 -6.25 0.00	71.86 -5.65 0.00	61.18 -4.08 0.00	53.56 -2.75 0.00	48.39 -3.40 0.00	34.64 -2.40 0.00	34.75 -2.12 0.00	43.89 -2.94 0.00	65.03 -4.55 0.00	80.57 -6.67 0.00	75.28 -6.63 0.00	77.80 -7.37 -0.05	69.71 -6.95 -1.05	63.52 -6.16 0.00	68.48 -6.26 0.00	81.42 -6.14 0.00	66.71 -4.08 0.00
ESPRGFLD_115KV_TB1 80157	169.14 1.43 -127.12	163.27 2.07 -105.32	156.64 1.88 -108.10	135.46 1.93 -88.22	161.12 1.62 -121.75	74.69 2.30 -19.54	75.94 3.40 0.00	87.01 4.01 0.00	82.52 3.86 -1.16	68.46 3.21 0.00	58.81 2.50 0.00	53.86 2.06 0.00	38.48 1.44 0.00	38.39 1.53 0.00	48.98 2.15 0.00	73.10 3.52 0.00	91.79 4.54 0.00	152.76 4.33 -66.51	125.09 4.33 -35.64	105.43 3.61 -26.21	88.13 3.11 -15.34	144.85 3.11 -67.00	101.46 3.37 -10.53	83.66 2.64 -10.23
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.40 0.07 -5.74	60.76 0.12 -4.76	51.81 0.26 -4.88	49.68 0.39 -3.98	43.62 0.36 -5.50	54.24 0.51 -0.88	73.41 0.86 0.00	83.90 0.90 0.00	78.42 0.86 -0.05	65.81 0.56 0.00	56.71 0.39 0.00	51.93 0.13 0.00	37.11 0.07 0.00	36.94 0.07 0.00	47.24 0.40 0.00	70.62 1.04 0.00	88.33 1.09 0.00	85.95 1.03 -3.00	87.73 0.97 -1.65	78.27 0.73 -1.92	70.97 0.59 -0.69	78.28 0.51 -3.03	88.46 0.43 -0.48	71.75 0.50 -0.46
ETNA____115KV_TB2 80207	46.40 0.07 -5.74	60.76 0.12 -4.76	51.81 0.26 -4.88	49.68 0.39 -3.98	43.62 0.36 -5.50	54.24 0.51 -0.88	73.41 0.86 0.00	83.90 0.90 0.00	78.42 0.86 -0.05	65.81 0.56 0.00	56.71 0.39 0.00	51.93 0.13 0.00	37.11 0.07 0.00	36.94 0.07 0.00	47.24 0.40 0.00	70.62 1.04 0.00	88.33 1.09 0.00	85.95 1.03 -3.00	87.73 0.97 -1.65	78.27 0.73 -1.92	70.97 0.59 -0.69	78.28 0.51 -3.03	88.46 0.43 -0.48	71.75 0.50 -0.46
EUCLID____115KV_TB2 356179	39.06 -1.53 0.00	53.75 -2.13 0.00	44.97 -1.69 0.00	43.75 -1.56 0.00	36.51 -1.25 0.00	51.07 -1.78 0.00	70.21 -2.34 0.00	80.15 -2.85 0.00	74.93 -2.57 0.00	63.07 -2.18 0.00	54.59 -1.73 0.00	50.08 -1.72 0.00	35.85 -1.19 0.00	35.74 -1.13 0.00	45.41 -1.43 0.00	67.48 -2.10 0.00	84.46 -2.78 0.00	79.44 -2.48 0.00	82.43 -2.68 0.00	73.16 -2.46 0.00	67.37 -2.31 0.00	72.28 -2.46 0.00	84.65 -2.91 0.00	68.54 -2.25 0.00
E_CANADA_CAP_HY 24051	207.44 2.01 -164.85	195.29 2.83 -136.58	189.34 2.49 -140.19	162.22 2.50 -114.41	197.75 2.11 -157.88	81.17 2.98 -25.34	76.85 4.30 0.00	88.03 5.02 0.00	83.77 4.77 -1.50	69.11 3.85 0.00	58.94 2.63 0.00	53.89 2.09 0.00	38.50 1.46 0.00	38.46 1.59 0.00	49.21 2.37 0.00	73.58 4.00 0.00	92.89 5.65 0.00	173.71 5.54 -86.26	136.96 5.65 -46.20	113.80 4.72 -33.47	93.72 4.14 -19.90	165.81 4.19 -86.88	106.05 4.83 -13.66	87.82 3.76 -13.26
E_CANADA_MHWK_HY 24050	42.79 2.20 0.00	58.98 3.09 0.00	49.53 2.87 0.00	48.12 2.81 0.00	40.32 2.56 0.00	56.30 3.45 0.00	77.10 4.56 0.00	88.04 5.03 0.00	82.63 5.13 0.00	68.72 3.47 0.00	59.03 2.71 0.00	54.16 2.36 0.00	38.59 1.55 0.00	38.46 1.59 0.00	49.47 2.64 0.00	73.95 4.38 0.00	93.62 6.38 0.00	88.53 6.62 0.00	91.75 6.64 0.00	81.25 5.64 0.00	74.72 5.04 0.00	79.66 4.92 0.00	92.85 5.30 0.00	74.87 4.07 0.00
E_FISHKILL____LBMP 23776	59.90 2.00 -17.32	72.84 2.61 -14.35	63.61 2.23 -14.72	59.43 2.10 -12.02	56.18 1.84 -16.58	58.08 2.56 -2.66	76.16 3.61 0.00	87.17 4.17 0.00	81.75 4.09 -0.16	68.34 3.09 0.00	59.34 3.02 0.00	54.88 3.09 0.00	39.29 2.25 0.00	38.98 2.11 0.00	49.59 2.75 0.00	73.37 3.79 0.00	92.16 4.91 0.00	95.83 4.86 -9.06	95.15 5.02 -5.02	86.92 4.54 -6.76	75.74 3.96 -2.09	87.93 4.07 -9.13	93.25 4.25 -1.44	75.60 3.42 -1.39
FALCON____SEABRD_CC1 323796	41.32 0.73 0.00	57.13 1.24 0.00	47.67 1.01 0.00	46.24 0.92 0.00	38.19 0.43 0.00	53.14 0.28 0.00	71.96 -0.58 0.00	82.79 -0.21 0.00	77.65 0.15 0.00	65.88 0.62 0.00	56.62 0.31 0.00	51.90 0.10 0.00	37.11 0.07 0.00	36.97 0.10 0.00	47.11 0.27 0.00	70.35 0.77 0.00	88.54 1.30 0.00	82.67 0.76 0.00	85.93 0.81 0.00	76.25 0.64 0.00	70.27 0.59 0.00	75.41 0.67 0.00	88.87 1.31 0.00	72.24 1.45 0.00

FALCON___SEABRD_CC2 323797	41.32 0.73 0.00	57.13 1.24 0.00	47.67 1.01 0.00	46.24 0.92 0.00	38.19 0.43 0.00	53.14 0.28 0.00	71.96 -0.58 0.00	82.79 -0.21 0.00	77.65 0.15 0.00	65.88 0.62 0.00	56.62 0.31 0.00	51.90 0.10 0.00	37.11 0.07 0.00	36.97 0.10 0.00	47.11 0.27 0.00	70.35 0.77 0.00	88.54 1.30 0.00	82.67 0.76 0.00	85.93 0.81 0.00	76.25 0.64 0.00	70.27 0.59 0.00	75.41 0.67 0.00	88.87 1.31 0.00	72.24 1.45 0.00
FAR ROCKAWAY___4 23548	60.85 3.23 -17.02	74.19 4.20 -14.10	64.62 3.48 -14.47	60.41 3.29 -11.81	56.94 2.87 -16.30	59.56 4.10 -2.62	132.14 5.85 -53.74	89.48 6.48 0.00	83.85 6.19 -0.15	69.73 4.47 0.00	60.80 4.48 0.00	56.44 4.64 0.00	40.29 3.25 0.00	39.94 3.07 0.00	50.79 3.96 0.00	75.28 5.71 0.00	94.72 7.48 0.00	98.48 7.09 -9.47	103.50 7.74 -10.64	141.80 6.96 -59.22	160.08 6.19 -84.21	92.57 6.24 -11.59	95.68 6.70 -1.41	77.46 5.30 -1.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	59.92 2.30 -17.03	72.92 2.93 -14.11	63.62 2.47 -14.48	59.45 2.32 -11.82	56.12 2.05 -16.31	58.33 2.86 -2.62	76.63 4.09 0.00	87.77 4.77 0.00	82.35 4.69 -0.15	68.87 3.62 0.00	59.93 3.61 0.00	55.57 3.77 0.00	39.81 2.77 0.00	39.44 2.57 0.00	50.15 3.32 0.00	74.04 4.46 0.00	93.02 5.77 0.00	96.55 5.73 -8.91	95.97 5.92 -4.94	87.55 5.30 -6.63	76.36 4.62 -2.06	88.44 4.73 -8.98	93.83 4.86 -1.41	76.01 3.85 -1.37
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	59.95 2.33 -17.03	72.96 2.97 -14.11	63.65 2.50 -14.48	59.47 2.34 -11.82	56.14 2.06 -16.31	58.35 2.88 -2.62	76.67 4.12 0.00	87.82 4.82 0.00	82.41 4.75 -0.15	68.92 3.66 0.00	59.95 3.63 0.00	55.60 3.80 0.00	39.83 2.79 0.00	39.46 2.59 0.00	50.18 3.34 0.00	74.09 4.51 0.00	93.08 5.83 0.00	96.60 5.78 -8.91	96.00 5.95 -4.94	87.61 5.36 -6.63	76.41 4.67 -2.06	88.49 4.78 -8.98	93.92 4.95 -1.41	76.08 3.91 -1.37
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	59.87 2.25 -17.03	72.85 2.86 -14.11	63.55 2.41 -14.48	59.40 2.27 -11.82	56.08 2.01 -16.31	58.26 2.79 -2.62	76.54 4.00 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.79 3.53 0.00	59.83 3.52 0.00	55.49 3.70 0.00	39.76 2.71 0.00	39.38 2.51 0.00	50.08 3.25 0.00	73.94 4.36 0.00	92.88 5.63 0.00	96.40 5.58 -8.91	95.82 5.77 -4.94	87.45 5.20 -6.63	76.27 4.53 -2.06	88.33 4.62 -8.98	93.73 4.76 -1.41	75.93 3.77 -1.37
FARRAGUT___LBMP 323566	59.87 2.25 -17.03	72.85 2.86 -14.11	63.55 2.41 -14.48	59.40 2.27 -11.82	56.08 2.01 -16.31	58.26 2.79 -2.62	76.54 4.00 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.79 3.53 0.00	59.83 3.52 0.00	55.49 3.70 0.00	39.76 2.71 0.00	39.38 2.51 0.00	50.08 3.25 0.00	73.94 4.36 0.00	92.88 5.63 0.00	96.40 5.58 -8.91	95.82 5.77 -4.94	87.45 5.20 -6.63	76.27 4.53 -2.06	88.33 4.62 -8.98	93.73 4.76 -1.41	75.93 3.77 -1.37
FENNER___WINDPWR 24204	40.98 0.39 0.00	56.43 0.55 0.00	47.27 0.61 0.00	45.99 0.68 0.00	38.34 0.58 0.00	53.72 0.87 0.00	73.97 1.43 0.00	84.73 1.73 0.00	79.26 1.76 0.00	66.65 1.40 0.00	57.50 1.18 0.00	52.62 0.82 0.00	37.63 0.59 0.00	37.51 0.64 0.00	47.72 0.88 0.00	71.12 1.54 0.00	89.19 1.94 0.00	83.73 1.81 0.00	86.87 1.72 0.00	77.82 1.47 -0.04	70.94 1.25 -0.74	75.98 1.24 0.00	88.87 1.31 0.00	71.70 0.90 0.00
FIBERTEK___ENERGY 23856	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.79 -2.22 0.00	75.49 -2.02 0.00	63.52 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.28 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.12 -1.46 0.00	85.22 -2.02 0.00	80.54 -1.37 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.34 0.00
FITZPATRICK____ 23598	38.70 -1.88 0.00	53.25 -2.63 0.00	44.55 -2.12 0.00	43.31 -2.00 0.00	36.14 -1.62 0.00	50.55 -2.30 0.00	69.46 -3.08 0.00	79.33 -3.68 0.00	74.13 -3.37 0.00	62.42 -2.84 0.00	53.97 -2.35 0.00	49.54 -2.25 0.00	35.47 -1.57 0.00	35.35 -1.52 0.00	44.89 -1.95 0.00	66.69 -2.89 0.00	83.53 -3.71 0.00	78.49 -3.42 0.00	81.49 -3.62 0.00	72.34 -3.28 0.00	66.64 -3.05 0.00	71.50 -3.24 0.00	83.77 -3.78 0.00	67.81 -2.98 0.00
FLOWRFLD_69_KV_BK1 356044	61.25 3.64 -17.02	74.69 4.70 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.27 3.21 -16.30	60.09 4.62 -2.62	132.98 6.69 -53.74	104.90 7.71 -14.19	92.05 7.26 -7.29	70.10 4.84 0.00	60.95 4.63 0.00	56.57 4.77 0.00	40.58 3.54 0.00	40.26 3.39 0.00	51.12 4.29 0.00	138.03 6.52 -61.93	129.21 8.29 -33.68	188.38 8.30 -98.16	275.42 8.60 -181.71	276.84 7.80 -193.43	272.37 7.13 -195.55	337.84 7.08 -256.02	327.45 7.78 -232.11	218.35 6.21 -141.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	60.80 2.57 -17.65	73.89 3.38 -14.62	64.55 2.88 -15.01	60.29 2.73 -12.25	57.03 2.37 -16.90	58.87 3.31 -2.71	77.22 4.67 0.00	88.41 5.41 0.00	82.91 5.25 -0.16	69.30 4.04 0.00	60.13 3.82 0.00	55.59 3.80 0.00	39.78 2.74 0.00	39.48 2.62 0.00	50.27 3.44 0.00	74.50 4.93 0.00	93.61 6.36 0.00	97.37 6.25 -9.21	96.67 6.45 -5.11	88.14 5.77 -6.76	76.88 5.06 -2.13	89.27 5.23 -9.30	94.62 5.60 -1.46	76.63 4.42 -1.42
FORT ORANGE____ 23900	133.33 1.95 -90.79	133.74 2.64 -75.22	126.24 2.37 -77.21	110.60 2.28 -63.01	126.65 1.94 -86.96	69.28 2.47 -13.96	75.59 3.04 0.00	86.26 3.26 0.00	81.48 3.15 -0.83	67.70 2.45 0.00	58.48 2.17 0.00	53.84 2.04 0.00	38.44 1.40 0.00	38.18 1.31 0.00	48.70 1.87 0.00	72.10 2.53 0.00	90.76 3.51 0.00	132.85 3.43 -47.51	114.17 3.51 -25.55	99.29 3.13 -20.54	83.52 2.88 -10.96	125.70 3.11 -47.85	98.70 3.61 -7.52	81.48 3.38 -7.30
FORT_DRUM_COGEN 23780	40.82 0.24 0.00	56.32 0.43 0.00	47.31 0.65 0.00	45.81 0.50 0.00	38.13 0.37 0.00	53.28 0.43 0.00	74.10 1.55 0.00	86.00 3.00 0.00	80.54 3.04 0.00	67.61 2.35 0.00	58.05 1.74 0.00	52.94 1.14 0.00	37.83 0.80 0.00	37.63 0.76 0.00	47.69 0.85 0.00	72.19 2.61 0.00	90.73 3.49 0.00	84.98 3.07 0.00	88.65 3.53 0.00	78.62 3.00 0.00	72.21 2.53 0.00	77.31 2.57 0.00	90.66 3.11 0.00	73.12 2.32 0.00
FOX_HILLS___ESR 323835	59.99 2.37 -17.03	73.03 3.03 -14.11	63.70 2.56 -14.48	59.54 2.41 -11.82	57.29 2.19 -17.34	58.61 2.99 -2.77	76.74 4.19 0.00	87.87 4.87 0.00	82.46 4.81 -0.15	69.00 3.75 0.00	60.05 3.73 -0.01	62.79 3.99 -7.01	56.57 2.93 -16.60	56.67 2.80 -16.99	60.02 3.62 -9.57	80.91 4.70 -6.64	93.39 6.14 0.00	139.96 6.10 -51.95	192.23 6.36 -100.76	204.86 5.73 -123.51	76.72 4.98 -2.06	88.84 5.13 -8.98	93.91 4.94 -1.41	76.22 4.06 -1.37
FPL FAR_ROCK_GT1 24212	60.84 3.22 -17.02	74.19 4.20 -14.10	64.62 3.48 -14.47	60.42 3.29 -11.81	56.94 2.87 -16.30	59.57 4.10 -2.62	132.14 5.85 -53.74	89.49 6.48 0.00	83.86 6.19 -0.15	69.73 4.48 0.00	60.80 4.48 0.00	56.44 4.65 0.00	40.29 3.26 0.00	39.93 3.07 0.00	50.79 3.95 0.00	75.28 5.70 0.00	94.72 7.47 0.00	98.47 7.08 -9.47	103.50 7.74 -10.64	141.80 6.96 -59.22	160.08 6.19 -84.21	92.56 6.23 -11.59	95.68 6.71 -1.41	77.46 5.30 -1.37

FPL FAR_ROCK_GT2 23815	60.84 3.22 -17.02	74.19 4.20 -14.10	64.62 3.48 -14.47	60.42 3.29 -11.81	56.94 2.87 -16.30	59.57 4.10 -2.62	132.14 5.85 -53.74	89.49 6.48 0.00	83.86 6.19 -0.15	69.73 4.48 0.00	60.80 4.48 0.00	56.44 4.65 0.00	40.29 3.26 0.00	39.93 3.07 0.00	50.79 3.95 0.00	75.28 5.70 0.00	94.72 7.47 0.00	98.47 7.08 -9.47	103.50 7.74 -10.64	141.80 6.96 -59.22	160.08 6.19 -84.21	92.56 6.23 -11.59	95.68 6.71 -1.41	77.46 5.30 -1.37
FRANKLIN_FALL_HYD 24054	41.57 0.99 0.00	57.46 1.57 0.00	47.84 1.18 0.00	46.38 1.07 0.00	38.36 0.59 0.00	53.67 0.81 0.00	73.30 0.75 0.00	84.53 1.53 0.00	79.22 1.72 0.00	67.16 1.90 0.00	57.40 1.09 0.00	52.57 0.77 0.00	37.56 0.52 0.00	37.42 0.56 0.00	47.51 0.67 0.00	71.09 1.52 0.00	89.26 2.01 0.00	83.31 1.40 0.00	86.70 1.58 0.00	76.93 1.32 0.00	71.03 1.35 0.00	76.49 1.74 0.00	90.19 2.63 0.00	72.86 2.07 0.00
FREEPORT_EQUUS_GT1 23764	60.60 2.99 -17.02	73.89 3.90 -14.10	64.37 3.23 -14.47	60.16 3.03 -11.81	56.73 2.67 -16.30	59.30 3.83 -2.62	131.61 5.32 -53.74	89.03 6.03 0.00	83.50 5.84 -0.15	69.32 4.06 0.00	60.39 4.08 0.00	56.07 4.27 0.00	40.07 3.03 0.00	39.72 2.85 0.00	50.46 3.63 0.00	74.87 5.29 0.00	93.94 6.69 0.00	98.09 6.70 -9.47	102.72 6.96 -10.64	141.16 6.32 -59.22	159.49 5.60 -84.21	92.00 5.67 -11.59	95.23 6.27 -1.41	76.83 4.67 -1.37
FREEPORT___CT2 23818	60.60 2.99 -17.02	73.89 3.90 -14.10	64.37 3.23 -14.47	60.16 3.03 -11.81	56.73 2.67 -16.30	59.30 3.83 -2.62	131.61 5.32 -53.74	89.03 6.03 0.00	83.50 5.84 -0.15	69.32 4.06 0.00	60.39 4.08 0.00	56.07 4.27 0.00	40.07 3.03 0.00	39.72 2.85 0.00	50.46 3.63 0.00	74.87 5.29 0.00	93.94 6.69 0.00	98.09 6.70 -9.47	102.72 6.96 -10.64	141.16 6.32 -59.22	159.49 5.60 -84.21	92.00 5.67 -11.59	95.23 6.27 -1.41	76.83 4.67 -1.37
FRESHKLS_33_KV_LOAD 356253	59.90 2.28 -17.03	72.93 2.94 -14.11	63.62 2.48 -14.48	59.46 2.33 -11.82	57.25 2.15 -17.34	58.53 2.91 -2.77	76.59 4.05 0.00	87.68 4.68 0.00	82.27 4.61 -0.15	68.86 3.61 0.00	59.90 3.57 -0.01	62.68 3.88 -7.01	56.49 2.85 -16.60	56.61 2.75 -16.99	59.96 3.56 -9.57	80.77 4.56 -6.64	93.23 5.98 0.00	139.83 5.97 -51.95	192.13 6.26 -100.76	204.76 5.64 -123.51	76.62 4.88 -2.06	88.77 5.05 -8.98	93.66 4.70 -1.41	76.08 3.92 -1.37
FULTON COGEN____ 23766	38.94 -1.64 0.00	53.58 -2.31 0.00	44.88 -1.78 0.00	43.64 -1.67 0.00	36.41 -1.35 0.00	50.93 -1.92 0.00	70.01 -2.53 0.00	79.97 -3.03 0.00	74.77 -2.74 0.00	62.93 -2.32 0.00	54.42 -1.90 0.00	49.94 -1.86 0.00	35.75 -1.29 0.00	35.66 -1.21 0.00	45.28 -1.55 0.00	67.28 -2.29 0.00	84.31 -2.94 0.00	79.31 -2.60 0.00	82.34 -2.78 0.00	73.06 -2.55 0.00	67.29 -2.39 0.00	72.19 -2.55 0.00	84.47 -3.09 0.00	68.39 -2.40 0.00
FULTON___LFGE 323630	223.64 2.56 -180.50	208.94 3.51 -149.55	203.19 3.03 -153.49	173.56 2.98 -125.27	213.14 2.51 -172.87	84.15 3.55 -27.75	77.55 5.00 0.00	88.83 5.83 0.00	84.57 5.42 -1.64	69.32 4.07 0.00	58.79 2.47 0.00	53.71 1.91 0.00	38.36 1.32 0.00	38.34 1.48 0.00	49.27 2.44 0.00	73.84 4.26 0.00	93.60 6.35 0.00	182.79 6.43 -94.44	142.29 6.61 -50.57	117.76 5.67 -36.48	96.50 5.04 -21.78	175.05 5.18 -95.13	108.39 5.87 -14.96	89.93 4.61 -14.52
G.F.CEMENT___DRP 24184	225.48 3.49 -181.41	210.97 4.78 -150.30	204.96 4.03 -154.27	175.12 3.91 -125.90	214.85 3.35 -173.74	85.57 4.83 -27.89	79.14 6.59 0.00	90.67 7.67 0.00	86.54 7.38 -1.65	70.82 5.56 0.00	61.01 4.70 0.00	55.98 4.18 0.00	39.95 2.91 0.00	39.78 2.91 0.00	50.69 3.86 0.00	75.47 5.89 0.00	95.17 7.92 0.00	184.93 8.09 -94.92	144.21 8.26 -50.84	119.77 7.27 -36.88	98.26 6.68 -21.89	177.62 7.27 -95.61	110.95 8.36 -15.03	92.10 6.71 -14.60
GARDENVILLE___LBMP 24039	37.15 -3.43 0.00	51.28 -4.61 0.00	43.01 -3.66 0.00	42.21 -3.10 0.00	35.25 -2.51 0.00	49.40 -3.45 0.00	68.08 -4.46 0.00	76.52 -6.48 0.00	71.67 -5.83 0.00	60.96 -4.30 0.00	53.38 -2.93 0.00	48.27 -3.53 0.00	34.53 -2.51 0.00	34.66 -2.21 0.00	43.75 -3.09 0.00	64.81 -4.76 0.00	80.30 -6.95 0.00	74.98 -6.93 0.00	77.47 -7.70 -0.05	69.47 -7.18 -1.04	63.30 -6.38 0.00	68.23 -6.51 0.00	81.14 -6.42 0.00	66.52 -4.28 0.00
GARDNVLA_35_KV_LD 355827	37.30 -3.28 0.00	51.45 -4.44 0.00	43.15 -3.51 0.00	42.36 -2.95 0.00	35.36 -2.40 0.00	49.55 -3.30 0.00	68.29 -4.25 0.00	76.78 -6.22 0.00	71.95 -5.56 0.00	61.23 -4.03 0.00	53.62 -2.69 0.00	48.46 -3.34 0.00	34.66 -2.38 0.00	34.76 -2.11 0.00	43.89 -2.94 0.00	65.10 -4.47 0.00	80.67 -6.57 0.00	75.36 -6.56 0.00	77.84 -7.33 -0.05	69.81 -6.86 -1.05	63.60 -6.09 -1.05	68.54 -6.20 0.00	81.50 -6.05 0.00	66.75 -4.04 0.00
GELCKHM___115KV_LOAD 80723	39.16 -1.43 0.00	53.89 -2.00 0.00	45.10 -1.57 0.00	43.87 -1.44 0.00	36.61 -1.15 0.00	51.20 -1.65 0.00	70.40 -2.15 0.00	80.39 -2.62 0.00	75.12 -2.39 0.00	63.24 -2.01 0.00	54.77 -1.54 0.00	50.33 -1.46 0.00	36.01 -1.03 0.00	35.88 -0.99 0.00	45.60 -1.24 0.00	67.72 -1.86 0.00	84.75 -2.49 0.00	79.87 -2.05 0.00	82.91 -2.21 0.00	73.57 -2.05 0.00	67.74 -1.95 0.00	72.66 -2.08 0.00	85.09 -2.46 0.00	68.89 -1.90 0.00
GENERAL___MILLS 23808	37.26 -3.33 0.00	51.40 -4.48 0.00	43.11 -3.55 0.00	42.33 -2.98 0.00	35.34 -2.43 0.00	49.51 -3.34 0.00	68.22 -4.32 0.00	76.70 -6.30 0.00	71.86 -5.65 0.00	61.13 -4.13 0.00	53.54 -2.77 0.00	48.38 -3.41 0.00	34.62 -2.42 0.00	34.74 -2.14 0.00	43.85 -2.99 0.00	65.02 -4.55 0.00	80.55 -6.69 0.00	75.23 -6.69 0.00	77.73 -7.44 -0.05	69.70 -6.96 -1.05	63.51 -6.18 0.00	68.44 -6.30 0.00	81.39 -6.17 0.00	66.68 -4.11 0.00
GE_PLASTICS___DRP 24183	114.08 1.54 -71.95	117.60 2.11 -59.61	109.76 1.91 -61.19	97.07 1.83 -49.93	108.24 1.58 -68.90	66.01 2.10 -11.06	75.33 2.78 0.00	86.08 3.08 0.00	81.13 2.97 -0.66	67.54 2.29 0.00	58.41 2.09 0.00	53.83 2.03 0.00	38.47 1.43 0.00	38.23 1.36 0.00	48.71 1.88 0.00	72.16 2.58 0.00	90.65 3.40 0.00	122.82 3.27 -37.65	108.74 3.33 -20.29	95.80 3.00 -17.18	81.08 2.72 -8.68	115.59 2.93 -37.92	96.80 3.28 -5.96	79.29 2.71 -5.79
GILBOA___1 23756	52.54 1.23 -10.72	66.60 1.84 -8.88	57.54 1.76 -9.12	54.44 1.69 -7.44	49.48 1.45 -10.27	56.30 1.80 -1.65	74.80 2.26 0.00	85.55 2.55 0.00	80.11 2.51 -0.10	67.16 1.90 0.00	58.13 1.81 0.00	53.59 1.79 0.00	38.33 1.29 0.00	38.10 1.23 0.00	48.49 1.65 0.00	71.89 2.32 0.00	90.21 2.96 0.00	90.35 2.83 -5.61	91.13 2.85 -3.17	83.66 2.66 -5.39	73.32 2.35 -1.29	82.84 2.45 -5.65	91.04 2.60 -0.89	73.77 2.12 -0.86
GILBOA___2 23757	52.54 1.23 -10.72	66.60 1.84 -8.88	57.54 1.76 -9.12	54.44 1.69 -7.44	49.48 1.45 -10.27	56.30 1.80 -1.65	74.80 2.26 0.00	85.55 2.55 0.00	80.11 2.51 -0.10	67.16 1.90 0.00	58.13 1.81 0.00	53.59 1.79 0.00	38.33 1.29 0.00	38.10 1.23 0.00	48.49 1.65 0.00	71.89 2.32 0.00	90.21 2.96 0.00	90.35 2.83 -5.61	91.13 2.85 -3.17	83.66 2.66 -5.39	73.32 2.35 -1.29	82.84 2.45 -5.65	91.04 2.60 -0.89	73.77 2.12 -0.86

GILBOA___3 23758	52.54 1.23 -10.72	66.60 1.84 -8.88	57.54 1.76 -9.12	54.44 1.69 -7.44	49.48 1.45 -10.27	56.30 1.80 -1.65	74.80 2.26 0.00	85.55 2.55 0.00	80.11 2.51 -0.10	67.16 1.90 0.00	58.13 1.81 0.00	53.59 1.79 0.00	38.33 1.29 0.00	38.10 1.23 0.00	48.49 1.65 0.00	71.89 2.32 0.00	90.21 2.96 0.00	90.35 2.83 -5.61	91.13 2.85 -3.17	83.66 2.66 -5.39	73.32 2.35 -1.29	82.84 2.45 -5.65	91.04 2.60 -0.89	73.77 2.12 -0.86
GILBOA___4 23759	52.54 1.23 -10.72	66.60 1.84 -8.88	57.54 1.76 -9.12	54.44 1.69 -7.44	49.48 1.45 -10.27	56.30 1.80 -1.65	74.80 2.26 0.00	85.55 2.55 0.00	80.11 2.51 -0.10	67.16 1.90 0.00	58.13 1.81 0.00	53.59 1.79 0.00	38.33 1.29 0.00	38.10 1.23 0.00	48.49 1.65 0.00	71.89 2.32 0.00	90.21 2.96 0.00	90.35 2.83 -5.61	91.13 2.85 -3.17	83.66 2.66 -5.39	73.32 2.35 -1.29	82.84 2.45 -5.65	91.04 2.60 -0.89	73.77 2.12 -0.86
GILBOA___ 23599	52.54 1.23 -10.72	66.60 1.84 -8.88	57.54 1.77 -9.12	54.44 1.69 -7.44	49.48 1.46 -10.27	56.30 1.80 -1.65	74.80 2.25 0.00	85.55 2.55 0.00	80.11 2.51 -0.10	67.16 1.90 0.00	58.13 1.81 0.00	53.59 1.79 0.00	38.33 1.29 0.00	38.10 1.23 0.00	48.49 1.65 0.00	71.89 2.31 0.00	90.21 2.96 0.00	90.36 2.83 -5.61	91.15 2.87 -3.17	83.67 2.67 -5.39	73.32 2.35 -1.29	82.84 2.45 -5.65	91.04 2.60 -0.89	73.77 2.12 -0.86
GINNA___ 23603	36.94 -3.65 0.00	50.88 -5.00 0.00	42.57 -4.09 0.00	41.54 -3.77 0.00	34.68 -3.07 0.00	48.56 -4.29 0.00	66.90 -5.64 0.00	75.98 -7.02 0.00	71.05 -6.45 0.00	60.08 -5.18 0.00	52.19 -4.13 0.00	47.63 -4.16 0.00	34.06 -2.98 0.00	34.07 -2.80 0.00	43.21 -3.62 0.00	64.25 -5.33 0.00	80.31 -6.94 0.00	75.33 -6.58 0.00	78.01 -7.14 -0.04	69.76 -6.60 -0.75	63.60 -6.09 0.00	68.32 -6.42 0.00	80.41 -7.15 0.00	65.22 -5.57 0.00
GLEN PARK___ 23778	41.00 0.41 0.00	56.58 0.69 0.00	47.52 0.85 0.00	46.01 0.70 0.00	38.30 0.54 0.00	53.53 0.67 0.00	74.45 1.90 0.00	86.36 3.36 0.00	80.87 3.36 0.00	67.81 2.56 0.00	58.22 1.91 0.00	53.05 1.25 0.00	37.92 0.88 0.00	37.71 0.84 0.00	47.76 0.92 0.00	72.47 2.90 0.00	91.15 3.90 0.00	85.50 3.58 0.00	89.17 4.06 0.00	79.09 3.47 0.00	72.63 2.94 0.00	77.74 2.99 0.00	91.11 3.55 0.00	73.45 2.66 0.00
GLENDALE_27_KV_LOAD 356172	60.15 2.52 -17.03	73.23 3.23 -14.11	63.86 2.72 -14.48	59.68 2.55 -11.82	56.33 2.26 -16.31	58.60 3.13 -2.62	77.03 4.48 0.00	88.26 5.26 0.00	82.82 5.16 -0.15	69.28 4.03 0.00	60.31 4.00 0.00	55.98 4.18 0.00	40.09 3.05 0.00	39.73 2.86 0.00	50.53 3.69 0.00	74.55 4.97 0.00	93.68 6.43 0.00	97.16 6.34 -8.91	96.59 6.54 -4.94	88.13 5.89 -6.63	76.89 5.15 -2.06	89.00 5.28 -8.98	94.42 5.45 -1.41	76.50 4.34 -1.37
GLENWOOD_IC_1_G5 23712	60.56 2.94 -17.02	74.30 4.31 -14.10	64.70 3.56 -14.47	60.48 3.35 -11.81	57.01 2.94 -16.30	59.98 4.52 -2.62	132.70 6.41 -53.74	89.32 6.32 0.00	83.73 6.07 -0.15	69.55 4.30 0.00	60.61 4.30 0.00	56.25 4.45 0.00	40.21 3.17 0.00	39.88 3.01 0.00	50.68 3.84 0.00	74.89 5.32 0.00	94.14 6.90 0.00	98.26 6.87 -9.47	102.90 7.14 -10.64	141.34 6.51 -59.22	159.68 5.78 -84.21	92.12 5.79 -11.59	95.17 6.20 -1.41	77.00 4.84 -1.37
GLENWOOD_IC_2_G1 23688	60.64 3.03 -17.02	74.51 4.52 -14.10	64.87 3.73 -14.47	60.63 3.51 -11.81	57.14 3.07 -16.30	60.06 4.58 -2.62	132.80 6.51 -53.74	89.17 6.16 0.00	83.58 5.92 -0.15	69.46 4.20 0.00	60.52 4.21 0.00	56.16 4.37 0.00	40.16 3.12 0.00	39.81 2.94 0.00	50.59 3.76 0.00	74.71 5.13 0.00	93.89 6.64 0.00	98.01 6.62 -9.47	102.65 6.88 -10.64	141.12 6.28 -59.22	159.47 5.58 -84.21	91.91 5.58 -11.59	94.93 5.97 -1.41	76.86 4.69 -1.37
GLENWOOD_IC_3_G1 23689	60.64 3.03 -17.02	74.51 4.52 -14.10	64.87 3.73 -14.47	60.63 3.51 -11.81	57.14 3.07 -16.30	60.06 4.58 -2.62	132.80 6.51 -53.74	89.17 6.16 0.00	83.58 5.92 -0.15	69.46 4.20 0.00	60.52 4.21 0.00	56.16 4.37 0.00	40.16 3.12 0.00	39.81 2.94 0.00	50.59 3.76 0.00	74.71 5.13 0.00	93.89 6.64 0.00	98.01 6.62 -9.47	102.65 6.88 -10.64	141.12 6.28 -59.22	159.47 5.58 -84.21	91.91 5.58 -11.59	94.93 5.97 -1.41	76.86 4.69 -1.37
GLENWOOD___4 23550	60.60 2.99 -17.02	74.38 4.39 -14.10	64.75 3.61 -14.47	60.53 3.40 -11.81	57.05 2.99 -16.30	59.98 4.52 -2.62	132.70 6.41 -53.74	89.32 6.32 0.00	83.73 6.07 -0.15	69.55 4.30 0.00	60.61 4.30 0.00	56.25 4.45 0.00	40.21 3.17 0.00	39.88 3.01 0.00	50.68 3.84 0.00	74.89 5.32 0.00	94.14 6.90 0.00	98.26 6.87 -9.47	102.90 7.14 -10.64	141.34 6.51 -59.22	159.68 5.78 -84.21	92.12 5.79 -11.59	95.17 6.20 -1.41	77.01 4.85 -1.37
GLENWOOD___5 23614	60.60 2.99 -17.02	74.38 4.39 -14.10	64.75 3.61 -14.47	60.53 3.40 -11.81	57.05 2.99 -16.30	59.98 4.52 -2.62	132.70 6.41 -53.74	89.32 6.32 0.00	83.73 6.07 -0.15	69.55 4.30 0.00	60.61 4.30 0.00	56.25 4.45 0.00	40.21 3.17 0.00	39.88 3.01 0.00	50.68 3.84 0.00	74.89 5.32 0.00	94.14 6.90 0.00	98.26 6.87 -9.47	102.90 7.14 -10.64	141.34 6.51 -59.22	159.68 5.78 -84.21	92.12 5.79 -11.59	95.17 6.20 -1.41	77.01 4.85 -1.37
GLOBAL GREEN_PORT_GT1 23814	61.03 3.42 -17.02	74.50 4.51 -14.10	64.91 3.77 -14.47	60.88 3.76 -11.81	57.48 3.41 -16.30	60.49 5.02 -2.62	134.12 7.83 -53.74	103.20 9.89 -10.31	92.33 9.49 -5.34	71.74 6.49 0.00	62.36 6.05 0.00	58.04 6.25 0.00	41.69 4.65 0.00	41.47 4.60 0.00	52.57 5.73 0.00	123.51 8.94 -45.00	123.43 11.71 -24.47	166.87 11.04 -73.92	229.86 9.80 -134.94	243.02 10.67 -156.74	243.92 9.12 -165.11	271.28 7.34 -189.19	265.27 8.68 -169.03	181.70 7.83 -103.08
GLOBE___DSASP 323697	35.69 -4.90 0.00	49.25 -6.64 0.00	41.28 -5.38 0.00	40.54 -4.77 0.00	33.86 -3.90 0.00	47.40 -5.45 0.00	65.36 -7.18 0.00	73.27 -9.74 0.00	68.70 -8.80 0.00	58.59 -6.66 0.00	51.50 -4.82 0.00	46.51 -5.29 0.00	33.26 -3.79 0.00	33.30 -3.57 0.00	41.90 -4.93 0.00	62.21 -7.37 0.00	77.23 -10.01 0.00	72.13 -9.79 0.00	74.35 -10.82 -0.05	66.64 -9.95 -0.97	60.80 -8.88 0.00	65.61 -9.13 0.00	78.21 -9.34 0.00	64.03 -6.76 0.00
GOETHSLN___LBMP 323567	59.60 1.99 -17.03	72.50 2.50 -14.11	63.26 2.11 -14.48	59.10 1.97 -11.82	55.84 1.77 -16.31	57.93 2.46 -2.62	76.07 3.53 0.00	87.12 4.12 0.00	81.73 4.08 -0.15	68.34 3.09 0.00	59.44 3.13 0.00	54.84 3.31 0.27	39.49 2.45 0.00	39.12 2.25 0.00	49.75 2.92 0.00	73.43 3.86 0.01	92.26 5.02 0.00	94.34 5.02 -7.41	94.83 5.19 -4.52	86.69 4.64 -6.43	75.75 4.01 -2.06	86.95 4.08 -8.14	93.13 4.16 -1.41	75.43 3.27 -1.37
GOLAH___69_KV_TB 1_2 80279	38.45 -2.14 0.00	52.93 -2.95 0.00	44.31 -2.35 0.00	43.30 -2.01 0.00	36.17 -1.60 0.00	50.67 -2.18 0.00	69.84 -2.71 0.00	79.33 -3.67 0.00	74.19 -3.32 0.00	62.74 -2.51 0.00	54.52 -1.79 0.00	49.65 -2.15 0.00	35.44 -1.60 0.00	35.42 -1.45 0.00	45.01 -1.82 0.00	66.80 -2.78 0.00	83.42 -3.83 0.00	78.28 -3.64 0.00	81.00 -4.16 -0.04	72.44 -3.97 -0.79	66.06 -3.62 0.00	71.03 -3.72 0.00	83.80 -3.76 0.00	68.15 -2.65 0.00

GOODYEAR_LAKE_HYD 323669	97.62 1.36 -55.67	103.95 1.93 -46.13	95.78 1.77 -47.35	85.73 1.78 -38.64	92.60 1.52 -53.32	63.53 2.12 -8.56	75.59 3.05 0.00	86.52 3.51 0.00	81.42 3.41 -0.51	68.03 2.78 0.00	58.75 2.43 0.00	53.96 2.16 0.00	38.55 1.51 0.00	38.41 1.54 0.00	48.92 2.09 0.00	72.78 3.20 0.00	91.23 3.99 0.00	114.79 3.74 -29.13	104.50 3.72 -15.66	91.28 3.19 -12.47	79.20 2.80 -6.72	106.94 2.85 -29.34	95.12 2.95 -4.61	77.63 2.36 -4.48
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.03 -0.45 -7.89	61.82 -0.61 -6.54	53.03 -0.33 -6.71	50.59 -0.20 -5.48	45.13 -0.19 -7.56	53.82 -0.24 -1.21	72.22 -0.33 0.00	82.38 -0.62 0.00	77.16 -0.41 -0.07	64.82 -0.44 0.00	56.07 -0.24 0.00	51.47 -0.32 0.00	36.83 -0.21 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.64 0.07 0.00	86.81 -0.44 0.00	85.47 -0.57 -4.13	86.71 -0.67 -2.27	77.60 -0.69 -2.67	69.93 -0.71 -0.95	78.11 -0.79 -4.16	87.22 -0.99 -0.65	70.87 -0.56 -0.64
GOUDEY___7 23579	48.03 -0.45 -7.89	61.82 -0.61 -6.54	53.03 -0.33 -6.71	50.59 -0.20 -5.48	45.13 -0.19 -7.56	53.82 -0.24 -1.21	72.22 -0.33 0.00	82.38 -0.62 0.00	77.16 -0.41 -0.07	64.82 -0.44 0.00	56.07 -0.24 0.00	51.47 -0.32 0.00	36.83 -0.21 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.64 0.07 0.00	86.81 -0.44 0.00	85.47 -0.57 -4.13	86.71 -0.67 -2.27	77.60 -0.69 -2.67	69.93 -0.71 -0.95	78.11 -0.79 -4.16	87.22 -0.99 -0.65	70.87 -0.56 -0.64
GOUDEY___8 23580	48.03 -0.45 -7.89	61.82 -0.61 -6.54	53.03 -0.33 -6.71	50.59 -0.20 -5.48	45.13 -0.19 -7.56	53.82 -0.24 -1.21	72.22 -0.33 0.00	82.38 -0.62 0.00	77.16 -0.41 -0.07	64.82 -0.44 0.00	56.07 -0.24 0.00	51.47 -0.32 0.00	36.83 -0.21 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.64 0.07 0.00	86.81 -0.44 0.00	85.47 -0.57 -4.13	86.71 -0.67 -2.27	77.60 -0.69 -2.67	69.93 -0.71 -0.95	78.11 -0.79 -4.16	87.22 -0.99 -0.65	70.87 -0.56 -0.64
GOWANUS_GT1_1 24077	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_2 24078	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_3 24079	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_4 24080	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_5 24084	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_6 24111	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_7 24112	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT1_8 24113	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT2_1 24114	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
GOWANUS_GT2_2 24115	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
GOWANUS_GT2_3 24116	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37

GOWANUS_GT2_4 24117	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
GOWANUS_GT2_5 24118	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
GOWANUS_GT2_6 24119	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
GOWANUS_GT2_7 24120	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
GOWANUS_GT2_8 24121	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
GOWANUS_GT3_1 24122	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.2

GOWANUS_GT4_3 24132	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT4_4 24133	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT4_5 24134	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT4_6 24135	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT4_7 24136	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GOWANUS_GT4_8 24137	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GREENBSH_115KV_TB3 55895	136.15 1.62 -93.95	135.91 2.19 -77.84	128.55 2.00 -79.90	112.43 1.92 -65.20	129.39 1.65 -89.98	69.46 2.17 -14.44	75.41 2.87 0.00	86.14 3.13 0.00	81.40 3.04 -0.86	67.64 2.38 0.00	58.51 2.19 0.00	53.91 2.11 0.00	38.53 1.49 0.00	38.28 1.42 0.00	48.77 1.93 0.00	72.23 2.65 0.00	90.68 3.43 0.00	134.33 3.26 -49.16	114.87 3.32 -26.43	99.73 2.99 -21.13	83.77 2.74 -11.34	127.28 3.02 -49.51	98.74 3.40 -7.79	81.20 2.85 -7.56
GREENIDGE_115KV_TB5 80291	44.85 -0.70 -4.96	59.00 -1.02 -4.14	50.29 -0.61 -4.25	48.44 -0.34 -3.47	42.62 0.08 -4.78	53.41 -0.21 -0.77	72.33 -0.21 0.00	82.42 -0.58 0.00	77.25 -0.30 -0.05	64.74 -0.51 0.00	55.77 -0.54 0.00	50.82 -0.98 0.00	36.60 -0.44 0.00	36.53 -0.34 0.00	46.84 0.00 0.00	69.76 0.19 0.00	86.28 -0.97 0.00	83.55 -0.97 -2.61	85.54 -1.01 -1.44	76.27 -1.08 -1.73	68.98 -1.30 -0.60	75.84 -1.53 -2.63	86.49 -1.48 -0.41	70.43 -0.76 -0.40
GREENIDGE___3 23582	44.85 -0.70 -4.96	59.00 -1.02 -4.14	50.29 -0.61 -4.25	48.44 -0.34 -3.47	42.62 0.08 -4.78	53.41 -0.21 -0.77	72.33 -0.21 0.00	82.42 -0.58 0.00	77.25 -0.30 -0.05	64.74 -0.51 0.00	55.77 -0.54 0.00	50.82 -0.98 0.00	36.60 -0.44 0.00	36.53 -0.34 0.00	46.84 0.00 0.00	69.76 0.19 0.00	86.28 -0.97 0.00	83.55 -0.97 -2.61	85.54 -1.01 -1.44	76.27 -1.08 -1.73	68.98 -1.30 -0.60	75.84 -1.53 -2.63	86.49 -1.48 -0.41	70.43 -0.76 -0.40
GREENIDGE___4 23583	44.87 -0.68 -4.96	58.99 -1.03 -4.14	50.29 -0.61 -4.25	48.44 -0.33 -3.47	42.61 0.06 -4.78	53.42 -0.20 -0.77	72.33 -0.21 0.00	82.42 -0.58 0.00	77.26 -0.29 -0.05	64.75 -0.50 0.00	55.77 -0.54 0.00	50.82 -0.98 0.00	36.60 -0.44 0.00	36.52 -0.35 0.00	46.84 0.01 0.00	69.76 0.18 0.00	86.30 -0.95 0.00	83.54 -0.99 -2.61	85.53 -1.02 -1.44	76.25 -1.09 -1.73	68.98 -1.31 -0.60	75.83 -1.54 -2.63	86.49 -1.48 -0.41	70.43 -0.76 -0.40
GREENLWN_69_KV_BK 3 55738	60.50 2.89 -17.02	73.73 3.74 -14.10	64.24 3.10 -14.47	60.04 2.92 -11.81	56.62 2.55 -16.30	59.08 3.61 -2.62	131.42 5.14 -53.74	86.62 5.86 2.25	82.08 5.55 0.98	68.90 3.65 0.00	60.10 3.78 0.00	55.77 3.97 0.00	39.89 2.85 0.00	39.53 2.66 0.00	50.18 3.34 0.00	64.76 5.00 9.82	88.31 6.41 5.34	83.92 6.59 4.59	75.41 6.77 16.48	119.88 6.32 -37.94	141.99 5.75 -66.56	53.26 5.69 27.16	58.47 6.08 35.17	54.86 4.89 20.82
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37
GRISSOM___SOLAR 323813	226.53 2.57 -183.37	211.32 3.51 -151.93	205.62 3.02 -155.94	175.52 2.95 -127.26	215.88 2.49 -175.63	84.55 3.50 -28.19	77.47 4.92 0.00	88.73 5.72 0.00	84.45 5.28 -1.67	69.10 3.85 0.00	58.46 2.15 0.00	53.43 1.64 0.00	38.17 1.13 0.00	38.15 1.28 0.00	49.09 2.26 0.00	73.61 4.04 0.00	93.41 6.17 0.00	184.17 6.31 -95.95	142.96 6.47 -51.38	118.25 5.61 -37.03	96.80 4.98 -22.13	176.55 5.16 -96.64	108.56 5.81 -15.20	90.12 4.57 -14.75
GROVEVILLE___HYD 323602	60.80 2.57 -17.65	73.89 3.38 -14.62	64.55 2.88 -15.01	60.29 2.73 -12.25	57.03 2.37 -16.90	58.87 3.31 -2.71	77.22 4.67 0.00	88.41 5.41 0.00	82.91 5.25 -0.16	69.30 4.04 0.00	60.13 3.82 0.00	55.59 3.80 0.00	39.78 2.74 0.00	39.48 2.62 0.00	50.27 3.44 0.00	74.50 4.93 0.00	93.61 6.36 0.00	97.37 6.25 -9.21	96.67 6.45 -5.11	88.14 5.77 -6.76	76.88 5.06 -2.13	89.27 5.23 -9.30	94.62 5.60 -1.46	76.63 4.42 -1.42
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.79 -2.22 0.00	75.49 -2.02 0.00	63.52 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.28 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.12 -1.46 0.00	85.22 -2.02 0.00	80.54 -1.37 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.34 0.00

HAMLTNNY_34_KV_TB 80303	39.63 -0.96 0.00	54.53 -1.36 0.00	45.66 -1.01 0.00	44.46 -0.85 0.00	37.11 -0.65 0.00	51.93 -0.92 0.00	71.40 -1.15 0.00	81.51 -1.49 0.00	76.10 -1.41 0.00	64.11 -1.15 0.00	55.40 -0.91 0.00	50.85 -0.95 0.00	36.35 -0.69 0.00	36.27 -0.60 0.00	46.15 -0.69 0.00	68.65 -0.93 0.00	85.85 -1.39 0.00	80.79 -1.12 0.00	83.89 -1.26 -0.04	75.11 -1.23 -0.72	68.48 -1.20 0.00	73.44 -1.30 0.00	86.03 -1.52 0.00	69.66 -1.14 0.00
HAMPSHIRE___PAPER_HYD 323593	41.00 0.41 0.00	56.51 0.62 0.00	47.23 0.56 0.00	45.79 0.48 0.00	38.08 0.32 0.00	53.29 0.44 0.00	73.57 1.02 0.00	84.92 1.92 0.00	79.38 1.87 0.00	66.93 1.68 0.00	57.34 1.03 0.00	52.45 0.65 0.00	37.46 0.42 0.00	37.29 0.42 0.00	47.25 0.42 0.00	71.01 1.43 0.00	88.92 1.67 0.00	82.51 0.59 0.00	85.96 0.85 0.00	76.29 0.67 0.00	70.49 0.81 0.00	75.98 1.24 0.00	89.52 1.97 0.00	72.32 1.53 0.00
HARDSCRABBLE_WT_PWR 323673	42.13 1.55 0.00	58.15 2.26 0.00	48.87 2.20 0.00	47.51 2.20 0.00	39.81 2.05 0.00	55.56 2.71 0.00	76.12 3.57 0.00	86.98 3.97 0.00	81.69 4.19 0.00	68.20 2.94 0.00	58.71 2.40 0.00	53.91 2.11 0.00	38.45 1.41 0.00	38.30 1.43 0.00	49.15 2.31 0.00	73.34 3.76 0.00	92.68 5.44 0.00	87.44 5.53 0.00	90.58 5.47 0.00	80.10 4.49 0.00	73.64 3.96 0.00	78.44 3.70 0.00	91.66 4.10 0.00	73.88 3.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	58.58 2.05 -15.94	71.78 2.68 -13.21	62.50 2.29 -13.56	58.52 2.15 -11.06	54.92 1.89 -15.26	57.92 2.62 -2.45	76.27 3.72 0.00	87.31 4.30 0.00	81.82 4.17 -0.14	68.41 3.15 0.00	59.33 3.02 0.00	54.90 3.11 0.00	39.30 2.26 0.00	39.01 2.14 0.00	49.67 2.83 0.00	73.53 3.95 0.00	92.34 5.10 0.00	95.34 5.10 -8.34	94.98 5.24 -4.62	86.55 4.71 -6.23	75.72 4.12 -1.93	87.36 4.22 -8.40	93.30 4.42 -1.32	75.55 3.48 -1.28
HARSNRAD_115KV_TB1 81005	36.30 -4.29 0.00	50.10 -5.79 0.00	42.01 -4.66 0.00	41.24 -4.07 0.00	34.48 -3.28 0.00	48.30 -4.56 0.00	66.61 -5.93 0.00	74.58 -8.42 0.00	69.92 -7.58 0.00	59.56 -5.70 0.00	52.25 -4.06 0.00	47.23 -4.57 0.00	33.76 -3.28 0.00	33.86 -3.01 0.00	42.66 -4.17 0.00	63.26 -6.31 0.00	78.32 -8.93 0.00	73.21 -8.70 0.00	75.52 -9.65 -0.05	67.67 -8.90 -0.95	61.74 -7.94 0.00	66.59 -8.16 0.00	79.26 -8.29 0.00	65.06 -5.73 0.00
HARZA MOOSE___RIVER 24016	41.31 0.72 0.00	56.92 1.04 0.00	47.72 1.06 0.00	46.32 1.01 0.00	38.57 0.81 0.00	53.93 1.08 0.00	74.58 2.03 0.00	85.99 2.99 0.00	80.59 3.08 0.00	67.80 2.54 0.00	58.36 2.04 0.00	53.37 1.57 0.00	38.15 1.11 0.00	38.00 1.13 0.00	48.22 1.38 0.00	72.19 2.61 0.00	90.69 3.44 0.00	84.72 2.81 0.00	88.24 3.13 0.00	78.27 2.66 0.00	71.97 2.29 0.00	77.12 2.38 0.00	90.35 2.79 0.00	72.94 2.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.22 -1.36 0.00	53.98 -1.90 0.00	45.17 -1.49 0.00	43.94 -1.37 0.00	36.67 -1.09 0.00	51.30 -1.55 0.00	70.52 -2.03 0.00	80.50 -2.50 0.00	75.26 -2.24 0.00	63.36 -1.90 0.00	54.82 -1.49 0.00	50.30 -1.50 0.00	36.00 -1.04 0.00	35.90 -0.97 0.00	45.60 -1.23 0.00	67.79 -1.79 0.00	84.87 -2.38 0.00	79.80 -2.11 0.00	82.84 -2.28 0.00	73.50 -2.12 0.00	67.68 -2.00 0.00	72.60 -2.14 0.00	85.00 -2.55 0.00	68.82 -1.97 0.00
HELLGATE_13_KV_LD 55870	59.95 2.33 -17.03	72.95 2.96 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.16 2.08 -16.31	58.36 2.89 -2.62	76.71 4.17 0.00	87.86 4.86 0.00	82.47 4.81 -0.15	68.99 3.73 0.00	60.04 3.73 0.00	55.73 3.93 0.00	39.92 2.88 0.00	39.57 2.70 0.00	50.31 3.47 0.00	74.23 4.65 0.00	93.28 6.04 0.00	96.78 5.96 -8.91	96.21 6.16 -4.94	87.79 5.54 -6.63	76.56 4.82 -2.06	88.68 4.96 -8.98	94.03 5.06 -1.41	76.20 4.04 -1.37
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	59.95 2.33 -17.03	72.95 2.96 -14.11	63.65 2.51 -14.48	59.48 2.35 -11.82	56.16 2.08 -16.31	58.36 2.89 -2.62	76.71 4.17 0.00	87.86 4.86 0.00	82.47 4.81 -0.15	68.99 3.73 0.00	60.04 3.73 0.00	55.73 3.93 0.00	39.92 2.88 0.00	39.57 2.70 0.00	50.31 3.47 0.00	74.23 4.65 0.00	93.28 6.04 0.00	96.78 5.96 -8.91	96.21 6.16 -4.94	87.79 5.54 -6.63	76.56 4.82 -2.06	88.68 4.96 -8.98	94.03 5.06 -1.41	76.20 4.04 -1.37
HEMPSTEAD____ 23647	60.36 2.74 -17.02	73.72 3.73 -14.10	64.21 3.07 -14.47	60.01 2.88 -11.81	56.62 2.55 -16.30	59.20 3.73 -2.62	131.62 5.33 -53.74	88.69 5.68 0.00	83.14 5.48 -0.15	69.03 3.78 0.00	60.15 3.83 0.00	55.83 4.03 0.00	39.91 2.87 0.00	39.57 2.70 0.00	50.27 3.44 0.00	74.45 4.88 0.00	93.61 6.37 0.00	97.77 6.38 -9.47	102.39 6.64 -10.64	140.89 6.06 -59.22	159.25 5.35 -84.21	91.66 5.33 -11.59	94.69 5.72 -1.41	76.59 4.43 -1.37
HEWLETT_69_KV_BK3 55828	60.66 3.04 -17.02	73.92 3.93 -14.10	64.40 3.27 -14.47	60.21 3.08 -11.81	56.76 2.70 -16.30	59.32 3.85 -2.62	131.78 5.49 -53.74	89.06 6.06 0.00	83.47 5.81 -0.15	69.41 4.16 0.00	60.54 4.22 0.00	56.19 4.39 0.00	40.10 3.06 0.00	39.75 2.88 0.00	50.54 3.71 0.00	74.93 5.36 0.00	94.23 6.99 0.00	98.18 6.79 -9.47	103.02 7.25 -10.64	141.40 6.56 -59.22	159.71 5.81 -84.21	92.17 5.84 -11.59	95.21 6.25 -1.41	77.11 4.95 -1.37
HICKLING___1 23621	45.26 -1.26 -5.94	59.14 -1.66 -4.92	50.61 -1.10 -5.05	48.65 -0.78 -4.12	42.77 -0.67 -5.69	52.89 -0.88 -0.91	71.34 -1.20 0.00	81.20 -1.80 0.00	76.13 -1.43 -0.05	63.91 -1.34 0.00	55.29 -1.02 0.00	50.45 -1.35 0.00	36.06 -0.98 0.00	36.15 -0.72 0.00	46.23 -0.61 0.00	68.75 -0.82 0.00	85.00 -2.25 0.00	82.50 -2.52 -3.11	84.24 -2.59 -1.71	75.16 -2.52 -2.06	67.90 -2.50 -0.72	75.19 -2.68 -3.13	85.24 -2.81 -0.49	69.69 -1.57 -0.48
HICKLING___2 23622	45.26 -1.26 -5.94	59.14 -1.66 -4.92	50.61 -1.10 -5.05	48.65 -0.78 -4.12	42.77 -0.67 -5.69	52.89 -0.88 -0.91	71.34 -1.20 0.00	81.20 -1.80 0.00	76.13 -1.43 -0.05	63.91 -1.34 0.00	55.29 -1.02 0.00	50.45 -1.35 0.00	36.06 -0.98 0.00	36.15 -0.72 0.00	46.23 -0.61 0.00	68.75 -0.82 0.00	85.00 -2.25 0.00	82.50 -2.52 -3.11	84.24 -2.59 -1.71	75.16 -2.52 -2.06	67.90 -2.50 -0.72	75.19 -2.68 -3.13	85.24 -2.81 -0.49	69.69 -1.57 -0.48
HIGH FALLS___HY 23754	67.37 2.42 -24.36	79.25 3.18 -20.18	70.07 2.70 -20.71	64.78 2.56 -16.90	63.32 2.23 -23.33	59.74 3.14 -3.75	77.01 4.47 0.00	88.24 5.24 0.00	82.79 5.06 -0.22	69.04 3.79 0.00	59.83 3.52 0.00	55.31 3.51 0.00	39.55 2.51 0.00	39.27 2.40 0.00	50.10 3.27 0.00	74.33 4.75 0.00	93.44 6.19 0.00	100.82 6.18 -12.73	98.46 6.36 -6.98	89.25 5.70 -7.94	77.58 4.95 -2.94	92.63 5.05 -12.84	94.84 5.27 -2.02	76.85 4.10 -1.96
HIGH_RIVER___SOLAR 323847	236.22 1.92 -193.72	219.03 2.64 -160.50	213.69 2.29 -164.74	181.97 2.22 -134.44	225.18 1.88 -185.53	85.26 2.63 -29.78	76.18 3.63 0.00	87.19 4.19 0.00	83.18 3.91 -1.76	68.18 2.92 0.00	58.35 2.04 0.00	53.48 1.69 0.00	38.10 1.06 0.00	38.00 1.13 0.00	48.72 1.89 0.00	72.64 3.07 0.00	91.77 4.52 0.00	187.90 4.62 -101.36	144.13 4.74 -54.27	118.76 4.13 -39.02	96.76 3.69 -23.38	180.70 3.86 -102.09	107.93 4.32 -16.05	89.80 3.42 -15.59

HILLBURN___GT 23639	58.59 1.84 -16.16	71.68 2.40 -13.39	62.45 2.04 -13.74	58.41 1.88 -11.21	54.93 1.69 -15.47	57.69 2.35 -2.48	75.91 3.36 0.00	86.87 3.87 0.00	81.47 3.82 -0.15	68.11 2.86 0.00	59.14 2.82 0.00	54.72 2.92 0.00	39.18 2.14 0.00	38.87 2.00 0.00	49.45 2.62 0.00	73.08 3.51 0.00	91.84 4.59 0.00	94.99 4.62 -8.45	94.55 4.75 -4.68	86.24 4.32 -6.31	75.36 3.73 -1.95	87.07 3.81 -8.52	92.82 3.92 -1.34	75.20 3.11 -1.30
HILLSIDE_115KV_TB1 80332	45.17 -1.56 -6.15	58.87 -2.11 -5.09	50.36 -1.53 -5.22	48.36 -1.21 -4.26	42.55 -1.09 -5.88	52.31 -1.49 -0.94	70.44 -2.10 0.00	80.25 -2.75 0.00	75.26 -2.30 -0.06	63.14 -2.11 0.00	54.62 -1.70 0.00	50.02 -1.78 0.00	35.80 -1.23 0.00	35.83 -1.04 0.00	45.73 -1.10 0.00	68.10 -1.48 0.00	84.26 -2.99 0.00	81.95 -3.18 -3.22	83.66 -3.22 -1.77	74.69 -3.05 -2.13	67.48 -2.94 -0.74	74.76 -3.22 -3.24	84.50 -3.57 -0.51	68.95 -2.33 -0.49
HISHELDN_WT_PWR 323625	41.44 -3.34 -4.19	54.94 -4.41 -3.47	46.82 -3.40 -3.56	45.35 -2.87 -2.91	39.48 -2.30 -4.01	50.33 -3.16 -0.64	68.42 -4.12 0.00	77.14 -5.86 0.00	72.24 -5.30 -0.04	61.21 -4.05 0.00	53.40 -2.92 0.00	48.19 -3.61 0.00	34.46 -2.58 0.00	34.67 -2.20 0.00	43.94 -2.89 0.00	64.99 -4.58 0.00	80.27 -6.97 0.00	77.00 -7.10 -2.19	78.65 -7.67 -1.20	69.93 -7.13 -1.44	63.69 -6.50 -0.50	70.27 -6.68 -2.21	81.26 -6.65 -0.35	66.92 -4.21 -0.34
HOLTSVILLE_IC_1 23690	61.01 3.39 -17.02	74.37 4.39 -14.10	64.79 3.64 -14.47	60.57 3.45 -11.81	57.08 3.01 -16.30	59.80 4.33 -2.62	132.57 6.28 -53.74	100.23 7.19 -10.04	89.48 6.77 -5.20	69.76 4.51 0.00	60.65 4.33 0.00	56.31 4.51 0.00	40.38 3.34 0.00	40.06 3.19 0.00	50.83 4.00 0.00	119.44 6.06 -43.81	119.00 7.93 -23.82	162.00 7.88 -72.21	224.93 8.16 -131.65	237.23 7.46 -154.15	239.43 6.77 -162.97	265.78 6.55 -184.49	259.36 7.21 -164.60	176.97 5.79 -100.39
HOLTSVILLE_IC_10 23699	61.25 3.64 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.28 3.22 -16.30	60.10 4.63 -2.62	133.00 6.71 -53.74	101.78 7.72 -11.06	90.49 7.27 -5.72	70.13 4.87 0.00	60.95 4.63 0.00	56.58 4.78 0.00	40.60 3.56 0.00	40.27 3.40 0.00	51.11 4.28 0.00	124.34 6.48 -48.29	121.90 8.40 -26.26	168.97 8.43 -78.62	237.88 8.74 -144.02	247.31 7.84 -163.86	247.93 7.22 -171.02	283.83 6.93 -202.17	276.44 7.60 -181.28	187.48 6.19 -110.51
HOLTSVILLE_IC_2 23691	61.01 3.39 -17.02	74.37 4.39 -14.10	64.79 3.64 -14.47	60.57 3.45 -11.81	57.08 3.01 -16.30	59.80 4.33 -2.62	132.57 6.28 -53.74	100.23 7.19 -10.04	89.48 6.77 -5.20	69.76 4.51 0.00	60.65 4.33 0.00	56.31 4.51 0.00	40.38 3.34 0.00	40.06 3.19 0.00	50.83 4.00 0.00	119.44 6.06 -43.81	119.00 7.93 -23.82	162.00 7.88 -72.21	224.93 8.16 -131.65	237.23 7.46 -154.15	239.43 6.77 -162.97	265.78 6.55 -184.49	259.36 7.21 -164.60	176.97 5.79 -100.39
HOLTSVILLE_IC_3 23692	61.01 3.39 -17.02	74.37 4.39 -14.10	64.79 3.64 -14.47	60.57 3.45 -11.81	57.08 3.01 -16.30	59.80 4.33 -2.62	132.57 6.28 -53.74	100.23 7.19 -10.04	89.48 6.77 -5.20	69.76 4.51 0.00	60.65 4.33 0.00	56.31 4.51 0.00	40.38 3.34 0.00	40.06 3.19 0.00	50.83 4.00 0.00	119.44 6.06 -43.81	119.00 7.93 -23.82	162.00 7.88 -72.21	224.93 8.16 -131.65	237.23 7.46 -154.15	239.43 6.77 -162.97	265.78 6.55 -184.49	259.36 7.21 -164.60	176.97 5.79 -100.39
HOLTSVILLE_IC_4 23693	61.01 3.39 -17.02	74.37 4.39 -14.10	64.79 3.64 -14.47	60.57 3.45 -11.81	57.08 3.01 -16.30	59.80 4.33 -2.62	132.57 6.28 -53.74	100.23 7.19 -10.04	89.48 6.77 -5.20	69.76 4.51 0.00	60.65 4.33 0.00	56.31 4.51 0.00	40.38 3.34 0.00	40.06 3.19 0.00	50.83 4.00 0.00	119.44 6.06 -43.81	119.00 7.93 -23.82	162.00 7.88 -72.21	224.93 8.16 -131.65	237.23 7.46 -154.15	239.43 6.77 -162.97	265.78 6.55 -184.49	259.36 7.21 -164.60	176.97 5.79 -100.39
HOLTSVILLE_IC_5 23694	61.01 3.39 -17.02	74.37 4.39 -14.10	64.79 3.64 -14.47	60.57 3.45 -11.81	57.08 3.01 -16.30	59.80 4.33 -2.62	132.57 6.28 -53.74	100.23 7.19 -10.04	89.48 6.77 -5.20	69.76 4.51 0.00	60.65 4.33 0.00	56.31 4.51 0.00	40.38 3.34 0.00	40.06 3.19 0.00	50.83 4.00 0.00	119.44 6.06 -43.81	119.00 7.93 -23.82	162.00 7.88 -72.21	224.93 8.16 -131.65	237.23 7.46 -154.15	239.43 6.77 -162.97	265.78 6.55 -184.49	259.36 7.21 -164.60	176.97 5.79 -100.39
HOLTSVILLE_IC_6 23695	61.25 3.64 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.28 3.22 -16.30	60.10 4.63 -2.62	133.00 6.71 -53.74	101.78 7.72 -11.06	90.49 7.27 -5.72	70.13 4.87 0.00	60.95 4.63 0.00	56.58 4.78 0.00	40.60 3.56 0.00	40.27 3.40 0.00	51.11 4.28 0.00	124.34 6.48 -48.29	121.90 8.40 -26.26	168.97 8.43 -78.62	237.88 8.74 -144.02	247.31 7.84 -163.86	247.93 7.22 -171.02	283.83 6.93 -202.17	276.44 7.60 -181.28	187.48 6.19 -110.51
HOLTSVILLE_IC_7 23696	61.25 3.64 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.28 3.22 -16.30	60.10 4.63 -2.62	133.00 6.71 -53.74	101.78 7.72 -11.06	90.49 7.27 -5.72	70.13 4.87 0.00	60.95 4.63 0.00	56.58 4.78 0.00	40.60 3.56 0.00	40.27 3.40 0.00	51.11 4.28 0.00	124.34 6.48 -48.29	121.90 8.40 -26.26	168.97 8.43 -78.62	237.88 8.74 -144.02	247.31 7.84 -163.86	247.93 7.22 -171.02	283.83 6.93 -202.17	276.44 7.60 -181.28	187.48 6.19 -110.51
HOLTSVILLE_IC_8 23697	61.25 3.64 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.28 3.22 -16.30	60.10 4.63 -2.62	133.00 6.71 -53.74	101.78 7.72 -11.06	90.49 7.27 -5.72	70.13 4.87 0.00	60.95 4.63 0.00	56.58 4.78 0.00	40.60 3.56 0.00	40.27 3.40 0.00	51.11 4.28 0.00	124.34 6.48 -48.29	121.90 8.40 -26.26	168.97 8.43 -78.62	237.88 8.74 -144.02	247.31 7.84 -163.86	247.93 7.22 -171.02	283.83 6.93 -202.17	276.44 7.60 -181.28	187.48 6.19 -110.51
HOLTSVILLE_IC_9 23698	61.25 3.64 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.28 3.22 -16.30	60.10 4.63 -2.62	133.00 6.71 -53.74	101.78 7.72 -11.06	90.49 7.27 -5.72	70.13 4.87 0.00	60.95 4.63 0.00	56.58 4.78 0.00	40.60 3.56 0.00	40.27 3.40 0.00	51.11 4.28 0.00	124.34 6.48 -48.29	121.90 8.40 -26.26	168.97 8.43 -78.62	237.88 8.74 -144.02	247.31 7.84 -163.86	247.93 7.22 -171.02	283.83 6.93 -202.17	276.44 7.60 -181.28	187.48 6.19 -110.51
HOMER_HL_115KV_TB2 355744	42.74 -2.24 -4.39	56.59 -2.93 -3.64	48.13 -2.27 -3.73	46.40 -1.96 -3.05	40.34 -1.62 -4.21	51.41 -2.12 -0.67	69.43 -3.12 0.00	78.23 -4.78 0.00	73.49 -4.05 -0.04	62.04 -3.22 0.00	54.06 -2.25 0.00	49.45 -2.34 0.00	35.58 -1.46 0.00	35.86 -1.01 0.00	45.43 -1.40 0.00	66.88 -2.70 0.00	82.66 -4.59 0.00	79.03 -5.18 -2.30	80.64 -5.73 -1.26	71.79 -5.35 -1.52	65.12 -5.09 -0.53	72.19 -4.86 -2.31	83.33 -4.59 -0.36	68.23 -2.91 -0.35
HOWARD_WT_PWR 323690	43.37 -2.22 -5.01	57.27 -2.77 -4.15	49.17 -1.75 -4.26	47.59 -1.20 -3.48	41.79 -0.77 -4.79	52.77 -0.85 -0.77	71.63 -0.91 0.00	81.38 -1.63 0.00	76.24 -1.31 -0.05	64.08 -1.17 0.00	55.30 -1.01 0.00	49.78 -2.01 0.00	35.46 -1.58 0.00	35.71 -1.16 0.00	45.85 -0.98 0.00	67.83 -1.74 0.00	83.09 -4.16 0.00	79.97 -4.57 -2.62	81.83 -4.73 -1.44	73.31 -4.05 -1.74	65.31 -4.98 -0.61	71.56 -5.82 -2.64	83.72 -4.25 -0.42	69.38 -1.81 -0.40

HQ_GEN_CEDARS 23644	41.00 0.42 0.00	56.56 0.67 0.00	47.01 0.35 0.00	45.61 0.30 0.00	37.89 0.13 0.00	53.14 0.28 0.00	72.85 0.30 0.00	83.59 0.59 0.00	77.89 0.39 0.00	65.92 0.67 0.00	56.42 0.11 0.00	51.73 -0.07 0.00	36.94 -0.10 0.00	36.78 -0.09 0.00	46.61 -0.22 0.00	69.64 0.07 0.00	87.19 -0.06 0.00	81.36 -0.56 0.00	84.58 -0.53 0.00	75.15 -0.46 0.00	69.55 -0.13 0.00	74.92 0.18 0.00	88.37 0.81 0.00	71.42 0.62 0.00
HQ_GEN_CEDARS_PROXY 323590	41.00 0.41 0.00	56.56 0.67 0.00	47.02 0.35 0.00	45.61 0.30 0.00	37.90 0.13 0.00	53.14 0.29 0.00	72.85 0.30 0.00	83.59 0.59 0.00	77.90 0.39 0.00	65.92 0.67 0.00	56.42 0.11 0.00	51.73 -0.07 0.00	36.94 -0.10 0.00	36.78 -0.09 0.00	46.61 -0.22 0.00	69.64 0.07 0.00	87.19 -0.06 0.00	81.36 -0.56 0.00	84.59 -0.53 0.00	75.15 -0.46 0.00	69.55 -0.13 0.00	74.92 0.18 0.00	88.36 0.81 0.00	71.42 0.62 0.00
HQ_GEN_IMPORT 323601	31.00 -0.11 9.48	55.78 -0.11 0.00	46.39 -0.27 0.00	45.02 -0.29 0.00	37.42 -0.34 0.00	52.47 -0.38 0.00	71.97 -0.58 0.00	82.48 -0.52 0.00	76.84 -0.66 0.00	64.96 -0.29 0.00	55.79 -0.52 0.00	51.25 -0.54 0.00	36.63 -0.40 0.00	36.47 -0.40 0.00	46.24 -0.60 0.00	68.83 -0.74 0.00	86.26 -0.96 0.02	80.79 -1.13 0.00	84.05 -1.06 0.00	74.68 -0.94 0.00	68.98 -0.71 0.00	74.08 -0.67 0.00	87.10 -0.46 0.00	70.38 -0.41 0.00
HQ_GEN_WHEEL 23651	31.00 -0.11 9.48	55.78 -0.11 0.00	46.39 -0.27 0.00	45.02 -0.29 0.00	37.42 -0.34 0.00	52.47 -0.38 0.00	71.97 -0.58 0.00	82.48 -0.52 0.00	76.84 -0.66 0.00	64.96 -0.29 0.00	55.79 -0.52 0.00	51.25 -0.54 0.00	36.63 -0.40 0.00	36.47 -0.40 0.00	46.24 -0.60 0.00	68.83 -0.74 0.00	86.26 -0.96 0.02	80.79 -1.13 0.00	84.05 -1.06 0.00	74.68 -0.94 0.00	68.98 -0.71 0.00	74.08 -0.67 0.00	87.10 -0.46 0.00	70.38 -0.41 0.00
HUDSON_AVE_GT_3 23810	59.96 2.34 -17.03	72.97 2.97 -14.11	63.65 2.51 -14.48	59.49 2.36 -11.82	56.15 2.08 -16.31	58.37 2.90 -2.62	76.70 4.15 0.00	87.85 4.85 0.00	82.42 4.76 -0.15	68.92 3.67 0.00	59.96 3.65 0.00	55.62 3.82 0.00	39.84 2.80 0.00	39.47 2.60 0.00	50.20 3.36 0.00	74.11 4.53 0.00	93.09 5.84 0.00	96.61 5.78 -8.91	96.01 5.96 -4.94	87.64 5.39 -6.63	76.43 4.69 -2.06	88.53 4.81 -8.98	93.92 4.95 -1.41	76.08 3.92 -1.37
HUDSON_AVE_GT_4 23540	59.96 2.34 -17.03	72.97 2.97 -14.11	63.65 2.51 -14.48	59.49 2.36 -11.82	56.15 2.08 -16.31	58.37 2.90 -2.62	76.70 4.15 0.00	87.85 4.85 0.00	82.42 4.76 -0.15	68.92 3.67 0.00	59.96 3.65 0.00	55.62 3.82 0.00	39.84 2.80 0.00	39.47 2.60 0.00	50.20 3.36 0.00	74.11 4.53 0.00	93.09 5.84 0.00	96.61 5.78 -8.91	96.01 5.96 -4.94	87.64 5.39 -6.63	76.43 4.69 -2.06	88.53 4.81 -8.98	93.92 4.95 -1.41	76.08 3.92 -1.37
HUDSON_AVE_GT_5 23657	59.96 2.34 -17.03	72.97 2.97 -14.11	63.65 2.51 -14.48	59.49 2.36 -11.82	56.15 2.08 -16.31	58.37 2.90 -2.62	76.70 4.15 0.00	87.85 4.85 0.00	82.42 4.76 -0.15	68.92 3.67 0.00	59.96 3.65 0.00	55.62 3.82 0.00	39.84 2.80 0.00	39.47 2.60 0.00	50.20 3.36 0.00	74.11 4.53 0.00	93.09 5.84 0.00	96.61 5.78 -8.91	96.01 5.96 -4.94	87.64 5.39 -6.63	76.43 4.69 -2.06	88.53 4.81 -8.98	93.92 4.95 -1.41	76.08 3.92 -1.37
HUDSON_AVE_10 24168	59.88 2.26 -17.03	72.85 2.85 -14.11	63.55 2.41 -14.48	59.37 2.24 -11.82	56.07 2.01 -16.31	58.25 2.78 -2.62	76.54 4.00 0.00	87.66 4.66 0.00	82.26 4.60 -0.15	68.79 3.53 0.00	59.84 3.52 0.00	55.54 3.74 0.00	39.76 2.72 0.00	39.37 2.50 0.00	50.07 3.24 0.00	73.92 4.35 0.00	92.84 5.59 0.00	96.39 5.57 -8.91	95.82 5.77 -4.94	87.47 5.22 -6.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.74 4.77 -1.41	75.93 3.77 -1.37
HUDSON___115KV_TB 4 355613	121.11 2.84 -77.69	124.11 3.85 -64.37	116.11 3.38 -66.07	102.51 3.28 -53.92	114.94 2.77 -74.41	68.54 3.74 -11.94	77.46 4.92 0.00	88.51 5.50 0.00	83.38 5.16 -0.71	69.16 3.91 0.00	59.55 3.23 0.00	54.67 2.87 0.00	38.91 1.87 0.00	38.68 1.81 0.00	49.65 2.82 0.00	73.44 3.87 0.00	93.01 5.77 0.00	128.25 5.68 -40.65	112.87 5.87 -21.89	98.91 5.17 -18.12	83.75 4.69 -9.38	120.66 4.97 -40.94	99.79 5.80 -6.44	82.02 4.98 -6.25
HUNTER MOUNT___DRP 323613	109.98 3.11 -66.27	115.03 4.24 -54.91	106.74 3.71 -56.35	94.92 3.61 -45.99	104.29 3.05 -63.47	67.28 4.24 -10.19	78.17 5.62 0.00	89.40 6.40 0.00	84.11 6.00 -0.60	69.85 4.60 0.00	60.06 3.75 0.00	55.13 3.33 0.00	39.20 2.17 0.00	39.00 2.13 0.00	50.11 3.27 0.00	74.13 4.55 0.00	93.96 6.71 0.00	123.13 6.54 -34.67	110.60 6.79 -18.70	97.54 5.93 -15.99	83.08 5.40 -8.00	115.33 5.66 -34.93	99.72 6.67 -5.49	81.71 5.59 -5.33
HUNTINGTON_RES_REC 323705	60.93 3.32 -17.02	74.27 4.28 -14.10	64.69 3.55 -14.47	60.48 3.36 -11.81	56.99 2.92 -16.30	59.64 4.17 -2.62	132.27 5.98 -53.74	115.76 6.86 -25.90	97.15 6.47 -13.17	69.45 4.19 0.00	60.46 4.14 0.00	56.11 4.31 0.00	40.20 3.16 0.00	39.85 2.99 0.00	50.61 3.78 0.00	188.36 5.75 -113.03	156.08 7.37 -61.47	260.75 7.49 -171.35	415.70 7.72 -322.86	386.89 7.10 -304.17	363.57 6.46 -287.43	538.84 6.39 -457.71	516.94 6.92 -422.47	333.19 5.55 -256.85
HUNTLEY___63 23557	36.70 -3.89 0.00	50.65 -5.23 0.00	42.48 -4.18 0.00	41.69 -3.62 0.00	34.82 -2.94 0.00	48.78 -4.08 0.00	67.25 -5.29 0.00	75.46 -7.54 0.00	70.78 -6.72 0.00	60.29 -4.97 0.00	52.91 -3.41 0.00	47.81 -3.99 0.00	34.16 -2.88 0.00	34.25 -2.62 0.00	43.16 -3.67 0.00	64.06 -5.52 0.00	79.38 -7.87 0.00	74.18 -7.74 0.00	76.53 -8.64 -0.05	68.59 -8.01 -0.99	62.55 -7.14 0.00	67.44 -7.31 0.00	80.24 -7.32 0.00	65.73 -5.06 0.00
HUNTLEY___64 23558	36.70 -3.89 0.00	50.65 -5.23 0.00	42.48 -4.18 0.00	41.69 -3.62 0.00	34.82 -2.94 0.00	48.78 -4.08 0.00	67.25 -5.29 0.00	75.46 -7.54 0.00	70.78 -6.72 0.00	60.29 -4.97 0.00	52.91 -3.41 0.00	47.81 -3.99 0.00	34.16 -2.88 0.00	34.25 -2.62 0.00	43.16 -3.67 0.00	64.06 -5.52 0.00	79.38 -7.87 0.00	74.18 -7.74 0.00	76.53 -8.64 -0.05	68.59 -8.01 -0.99	62.55 -7.14 0.00	67.44 -7.31 0.00	80.24 -7.32 0.00	65.73 -5.06 0.00
HUNTLEY___65 23559	36.70 -3.89 0.00	50.65 -5.23 0.00	42.48 -4.18 0.00	41.69 -3.62 0.00	34.82 -2.94 0.00	48.78 -4.08 0.00	67.25 -5.29 0.00	75.46 -7.54 0.00	70.78 -6.72 0.00	60.29 -4.97 0.00	52.91 -3.41 0.00	47.81 -3.99 0.00	34.16 -2.88 0.00	34.25 -2.62 0.00	43.16 -3.67 0.00	64.06 -5.52 0.00	79.38 -7.87 0.00	74.18 -7.74 0.00	76.53 -8.64 -0.05	68.59 -8.01 -0.99	62.55 -7.14 0.00	67.44 -7.31 0.00	80.24 -7.32 0.00	65.73 -5.06 0.00
HUNTLEY___66 23560	36.70 -3.89 0.00	50.65 -5.23 0.00	42.48 -4.18 0.00	41.69 -3.62 0.00	34.82 -2.94 0.00	48.78 -4.08 0.00	67.25 -5.29 0.00	75.46 -7.54 0.00	70.78 -6.72 0.00	60.29 -4.97 0.00	52.91 -3.41 0.00	47.81 -3.99 0.00	34.16 -2.88 0.00	34.25 -2.62 0.00	43.16 -3.67 0.00	64.06 -5.52 0.00	79.38 -7.87 0.00	74.18 -7.74 0.00	76.53 -8.64 -0.05	68.59 -8.01 -0.99	62.55 -7.14 0.00	67.44 -7.31 0.00	80.24 -7.32 0.00	65.73 -5.06 0.00

HUNTLEY___67 23561	36.65 -3.93 0.00	50.57 -5.32 0.00	42.41 -4.26 0.00	41.62 -3.69 0.00	34.76 -3.00 0.00	48.69 -4.16 0.00	67.10 -5.44 0.00	75.36 -7.64 0.00	70.63 -6.88 0.00	60.13 -5.12 0.00	52.74 -3.57 0.00	47.66 -4.13 0.00	34.09 -2.95 0.00	34.18 -2.68 0.00	43.09 -3.74 0.00	63.92 -5.66 0.00	79.27 -7.98 0.00	74.05 -7.86 0.00	76.44 -8.73 -0.05	68.53 -8.09 -1.00	62.47 -7.22 0.00	67.36 -7.38 0.00	80.17 -7.39 0.00	65.65 -5.14 0.00
HUNTLEY___68 23562	36.65 -3.93 0.00	50.57 -5.32 0.00	42.41 -4.26 0.00	41.62 -3.69 0.00	34.76 -3.00 0.00	48.69 -4.16 0.00	67.10 -5.44 0.00	75.36 -7.64 0.00	70.63 -6.88 0.00	60.13 -5.12 0.00	52.74 -3.57 0.00	47.66 -4.13 0.00	34.09 -2.95 0.00	34.18 -2.68 0.00	43.09 -3.74 0.00	63.92 -5.66 0.00	79.27 -7.98 0.00	74.05 -7.86 0.00	76.44 -8.73 -0.05	68.53 -8.09 -1.00	62.47 -7.22 0.00	67.36 -7.38 0.00	80.17 -7.39 0.00	65.65 -5.14 0.00
HYLAND___LFGE 323620	39.21 -1.38 0.00	54.04 -1.84 0.00	45.34 -1.33 0.00	44.35 -0.96 0.00	37.10 -0.67 0.00	52.07 -0.78 0.00	71.81 -0.73 0.00	81.59 -1.41 0.00	76.25 -1.26 0.00	63.91 -1.35 0.00	54.64 -1.68 0.00	49.14 -2.65 0.00	34.88 -2.16 0.00	35.15 -1.72 0.00	45.38 -1.45 0.00	67.60 -1.97 0.00	84.51 -2.74 0.00	79.76 -2.15 0.00	82.87 -2.30 -0.06	74.48 -2.26 -1.12	67.25 -2.44 0.00	72.08 -2.66 0.00	85.03 -2.53 0.00	69.46 -1.34 0.00
INDECK___CORINTH 23802	228.36 3.40 -184.37	213.31 4.67 -152.75	207.38 3.94 -156.79	177.08 3.82 -127.95	217.61 3.27 -176.58	85.89 4.69 -28.34	78.97 6.42 0.00	90.47 7.47 0.00	86.39 7.20 -1.68	70.75 5.49 0.00	60.95 4.64 0.00	55.89 4.09 0.00	39.89 2.85 0.00	39.71 2.84 0.00	50.60 3.76 0.00	75.31 5.74 0.00	94.94 7.70 0.00	186.20 7.81 -96.47	144.79 8.01 -51.66	120.07 7.04 -37.41	98.38 6.45 -22.25	178.96 7.05 -97.16	110.91 8.07 -15.28	92.14 6.51 -14.83
INDECK___ILION 23567	43.08 2.49 0.00	59.38 3.49 0.00	49.85 3.19 0.00	48.42 3.11 0.00	40.59 2.83 0.00	56.68 3.83 0.00	77.62 5.07 0.00	88.66 5.66 0.00	83.22 5.71 0.00	69.25 4.00 0.00	59.50 3.18 0.00	54.55 2.76 0.00	38.89 1.85 0.00	38.75 1.88 0.00	49.86 3.03 0.00	74.51 4.94 0.00	94.36 7.11 0.00	89.21 7.30 0.00	92.49 7.38 0.00	81.88 6.26 0.00	75.29 5.60 0.00	80.25 5.51 0.00	93.52 5.96 0.00	75.38 4.59 0.00
INDECK___OLEAN 23982	42.77 -2.21 -4.39	56.62 -2.90 -3.64	48.14 -2.26 -3.73	46.41 -1.95 -3.05	40.34 -1.62 -4.21	51.41 -2.12 -0.67	69.44 -3.11 0.00	78.22 -4.78 0.00	73.49 -4.06 -0.04	62.04 -3.21 0.00	54.06 -2.26 0.00	49.46 -2.34 0.00	35.57 -1.47 0.00	35.86 -1.01 0.00	45.44 -1.40 0.00	66.89 -2.69 0.00	82.66 -4.59 0.00	79.05 -5.16 -2.30	80.69 -5.69 -1.26	71.81 -5.33 -1.52	65.13 -5.09 -0.53	72.19 -4.86 -2.31	83.34 -4.58 -0.36	68.22 -2.92 -0.35
INDECK___OSWEGO 23783	38.57 -2.02 0.00	53.08 -2.81 0.00	44.41 -2.25 0.00	43.17 -2.14 0.00	36.01 -1.75 0.00	50.35 -2.50 0.00	69.27 -3.27 0.00	79.16 -3.84 0.00	73.97 -3.53 0.00	62.23 -3.02 0.00	53.82 -2.49 0.00	49.43 -2.37 0.00	35.39 -1.65 0.00	35.30 -1.58 0.00	44.79 -2.04 0.00	66.56 -3.02 0.00	83.40 -3.85 0.00	78.43 -3.48 0.00	81.44 -3.68 0.00	72.29 -3.33 0.00	66.57 -3.12 0.00	71.44 -3.30 0.00	83.60 -3.95 0.00	67.69 -3.10 0.00
INDECK___YERKES 23781	36.76 -3.83 0.00	50.74 -5.15 0.00	42.52 -4.14 0.00	41.73 -3.58 0.00	34.86 -2.90 0.00	48.82 -4.03 0.00	67.32 -5.23 0.00	75.53 -7.47 0.00	70.84 -6.67 0.00	60.36 -4.89 0.00	52.95 -3.36 0.00	47.84 -3.95 0.00	34.20 -2.84 0.00	34.28 -2.59 0.00	43.22 -3.62 0.00	64.13 -5.45 0.00	79.43 -7.82 0.00	74.27 -7.64 0.00	76.66 -8.51 -0.05	68.67 -7.93 -0.99	62.61 -7.07 0.00	67.49 -7.25 0.00	80.30 -7.26 0.00	65.78 -5.01 0.00
INDIAN POINT_GT_1 24139	59.42 1.98 -16.85	72.42 2.57 -13.96	63.17 2.18 -14.33	59.04 2.03 -11.70	55.70 1.81 -16.14	57.95 2.51 -2.59	76.12 3.58 0.00	87.15 4.15 0.00	81.74 4.08 -0.15	68.31 3.05 0.00	59.32 3.01 0.00	54.91 3.12 0.00	39.32 2.28 0.00	39.00 2.13 0.00	49.61 2.77 0.00	73.38 3.80 0.00	92.20 4.95 0.00	95.65 4.93 -8.82	95.09 5.09 -4.88	86.79 4.61 -6.56	75.72 4.00 -2.04	87.71 4.09 -8.88	93.14 4.19 -1.40	75.48 3.33 -1.36
INDIAN POINT_GT_2 23659	59.42 1.98 -16.85	72.42 2.57 -13.96	63.17 2.18 -14.33	59.04 2.03 -11.70	55.70 1.81 -16.14	57.95 2.51 -2.59	76.12 3.58 0.00	87.15 4.15 0.00	81.74 4.08 -0.15	68.31 3.05 0.00	59.32 3.01 0.00	54.91 3.12 0.00	39.32 2.28 0.00	39.00 2.13 0.00	49.61 2.77 0.00	73.38 3.80 0.00	92.20 4.95 0.00	95.65 4.93 -8.82	95.09 5.09 -4.88	86.79 4.61 -6.56	75.72 4.00 -2.04	87.71 4.09 -8.88	93.14 4.19 -1.40	75.48 3.33 -1.36
INDIAN POINT_GT_3 24019	59.42 1.98 -16.85	72.42 2.57 -13.96	63.17 2.18 -14.33	59.04 2.03 -11.70	55.70 1.81 -16.14	57.95 2.51 -2.59	76.12 3.58 0.00	87.15 4.15 0.00	81.74 4.08 -0.15	68.31 3.05 0.00	59.32 3.01 0.00	54.91 3.12 0.00	39.32 2.28 0.00	39.00 2.13 0.00	49.61 2.77 0.00	73.38 3.80 0.00	92.20 4.95 0.00	95.65 4.93 -8.82	95.09 5.09 -4.88	86.79 4.61 -6.56	75.72 4.00 -2.04	87.71 4.09 -8.88	93.14 4.19 -1.40	75.48 3.33 -1.36
INDIAN POINT___2 23530	59.06 1.89 -16.59	72.08 2.45 -13.74	62.85 2.08 -14.10	58.75 1.93 -11.51	55.37 1.72 -15.89	57.80 2.40 -2.55	75.98 3.43 0.00	86.96 3.96 0.00	81.55 3.90 -0.15	68.16 2.90 0.00	59.19 2.88 0.00	54.78 2.98 0.00	39.23 2.19 0.00	38.90 2.03 0.00	49.48 2.65 0.00	73.19 3.61 0.00	91.94 4.69 0.00	95.29 4.70 -8.67	94.76 4.83 -4.81	86.48 4.39 -6.47	75.48 3.79 -2.00	87.36 3.87 -8.74	92.92 3.99 -1.38	75.30 3.17 -1.34
INDIAN POINT___3 23531	59.39 1.94 -16.87	72.37 2.51 -13.97	63.14 2.13 -14.34	59.00 1.98 -11.70	55.68 1.76 -16.15	57.90 2.46 -2.59	76.05 3.50 0.00	87.04 4.04 0.00	81.63 3.98 -0.15	68.24 2.98 0.00	59.26 2.94 0.00	54.86 3.06 0.00	39.26 2.22 0.00	38.93 2.07 0.00	49.53 2.69 0.00	73.25 3.68 0.00	92.04 4.80 0.00	95.52 4.78 -8.82	94.93 4.93 -4.89	86.66 4.48 -6.57	75.59 3.87 -2.04	87.59 3.96 -8.89	93.04 4.08 -1.40	75.41 3.26 -1.36
INGHAM_C_115KV_TB7 356103	42.79 2.20 0.00	58.98 3.09 0.00	49.53 2.87 0.00	48.12 2.81 0.00	40.33 2.57 0.00	56.30 3.45 0.00	77.10 4.55 0.00	88.04 5.03 0.00	82.63 5.13 0.00	68.72 3.47 0.00	59.03 2.71 0.00	54.16 2.36 0.00	38.60 1.56 0.00	38.46 1.59 0.00	49.47 2.64 0.00	73.95 4.38 0.00	93.62 6.38 0.00	88.52 6.61 0.00	91.75 6.64 0.00	81.25 5.64 0.00	74.72 5.04 0.00	79.66 4.92 0.00	92.85 5.30 0.00	74.87 4.07 0.00
IP CORINTH___1 23988	228.35 3.40 -184.37	213.31 4.67 -152.75	207.38 3.94 -156.79	177.08 3.82 -127.95	217.61 3.28 -176.58	85.89 4.69 -28.34	78.97 6.43 0.00	90.47 7.47 0.00	86.39 7.21 -1.68	70.75 5.49 0.00	60.95 4.64 0.00	55.89 4.09 0.00	39.89 2.85 0.00	39.71 2.84 0.00	50.60 3.76 0.00	75.32 5.74 0.00	94.94 7.70 0.00	186.20 7.81 -96.47	144.79 8.01 -51.66	120.07 7.04 -37.41	98.39 6.45 -22.25	178.96 7.05 -97.16	110.91 8.07 -15.28	92.14 6.51 -14.83

IP__TICONDEROGA 23804	227.60 4.51 -182.50	213.33 6.24 -151.20	206.98 5.12 -155.19	177.00 5.03 -126.66	216.87 4.32 -174.79	87.48 6.58 -28.05	81.33 8.79 0.00	93.44 10.44 0.00	89.19 10.02 -1.66	71.90 6.64 0.00	61.80 5.48 0.00	56.75 4.96 0.00	40.52 3.48 0.00	40.33 3.46 0.00	51.45 4.62 0.00	76.96 7.38 0.00	97.60 10.35 0.00	188.63 11.22 -95.49	147.82 11.56 -51.14	122.81 10.12 -37.08	101.16 9.45 -22.03	181.37 10.45 -96.18	115.17 12.48 -15.13	95.39 9.91 -14.68
ISLIP_RES_REC 323679	61.40 3.79 -17.02	74.89 4.90 -14.10	65.20 4.06 -14.47	60.98 3.85 -11.81	57.42 3.35 -16.30	60.31 4.84 -2.62	133.29 7.01 -53.74	101.16 8.09 -10.07	90.33 7.61 -5.22	70.38 5.12 0.00	61.12 4.81 0.00	56.75 4.96 0.00	40.72 3.68 0.00	40.40 3.53 0.00	51.31 4.48 0.00	120.35 6.82 -43.95	119.98 8.83 -23.90	163.18 8.85 -72.42	226.35 9.18 -132.05	238.33 8.24 -154.47	240.48 7.57 -163.23	267.10 7.29 -185.06	260.73 8.03 -165.14	178.00 6.49 -100.72
JAMAICA__27_KV_LOAD 355505	60.25 2.63 -17.03	73.30 3.31 -14.11	63.95 2.81 -14.48	59.73 2.60 -11.82	56.39 2.32 -16.31	58.71 3.24 -2.62	77.20 4.66 0.00	88.41 5.41 0.00	82.98 5.32 -0.15	69.34 4.09 0.00	60.34 4.02 0.00	56.12 4.33 0.00	40.08 3.04 0.00	39.65 2.78 0.00	50.45 3.61 0.00	74.51 4.93 0.00	93.41 6.17 0.00	97.02 6.20 -8.91	96.52 6.47 -4.94	88.24 5.99 -6.63	76.98 5.24 -2.06	89.12 5.40 -8.98	94.49 5.52 -1.41	76.57 4.40 -1.37
JANIS__SOLAR 323808	50.78 1.13 -9.07	65.07 1.68 -7.51	56.04 1.67 -7.71	53.39 1.79 -6.29	47.95 1.51 -8.68	56.48 2.24 -1.39	76.05 3.51 0.00	87.10 4.10 0.00	81.33 3.74 -0.08	68.05 2.80 0.00	58.34 2.02 0.00	53.22 1.42 0.00	37.92 0.88 0.00	37.81 0.94 0.00	48.40 1.56 0.00	73.12 3.54 0.00	91.63 4.39 0.00	90.64 3.98 -4.74	91.39 3.69 -2.59	81.55 3.18 -2.76	73.74 2.96 -1.10	82.21 2.69 -4.78	90.98 2.67 -0.75	73.95 2.43 -0.73
JARVIS____ 23743	40.95 0.36 0.00	56.39 0.51 0.00	47.13 0.47 0.00	45.77 0.46 0.00	38.17 0.41 0.00	53.39 0.54 0.00	73.28 0.74 0.00	83.86 0.86 0.00	78.36 0.85 0.00	65.89 0.64 0.00	56.92 0.60 0.00	52.37 0.57 0.00	37.45 0.40 0.00	37.26 0.39 0.00	47.37 0.54 0.00	70.35 0.77 1.05	88.30 1.03 0.00	82.94 1.03 0.00	86.13 1.02 0.00	76.54 0.92 0.00	70.49 0.81 0.00	75.56 0.82 0.00	88.39 0.84 0.00	71.44 0.65 0.00
JENNISON__1 23625	56.33 1.25 -14.49	69.74 1.85 -12.00	60.89 1.91 -12.32	57.48 2.12 -10.05	53.34 1.71 -13.87	57.70 2.61 -2.23	76.48 3.94 0.00	87.71 4.70 0.00	82.15 4.52 -0.13	69.03 3.78 0.00	59.50 3.19 0.00	54.45 2.65 0.00	38.85 1.81 0.00	38.79 1.93 0.00	49.39 2.56 0.00	73.90 4.33 0.00	92.26 5.01 0.00	93.16 3.67 -7.58	92.13 2.89 -4.12	82.43 2.70 -4.12	74.42 2.99 -1.75	85.00 2.62 -7.63	90.44 1.68 -1.20	73.75 1.79 -1.17
JENNISON__2 23626	56.33 1.25 -14.49	69.74 1.85 -12.00	60.89 1.91 -12.32	57.48 2.12 -10.05	53.34 1.71 -13.87	57.70 2.61 -2.23	76.48 3.94 0.00	87.71 4.70 0.00	82.15 4.52 -0.13	69.03 3.78 0.00	59.50 3.19 0.00	54.45 2.65 0.00	38.85 1.81 0.00	38.79 1.93 0.00	49.39 2.56 0.00	73.90 4.33 0.00	92.26 5.01 0.00	93.16 3.67 -7.58	92.13 2.89 -4.12	82.43 2.70 -4.12	74.42 2.99 -1.75	85.00 2.62 -7.63	90.44 1.68 -1.20	73.75 1.79 -1.17
JERICHO_RISE_WT_PWR 323719	40.67 0.08 0.00	56.28 0.40 0.00	46.90 0.24 0.00	45.45 0.14 0.00	37.54 -0.23 0.00	52.45 -0.40 0.00	71.40 -1.15 0.00	82.30 -0.70 0.00	77.18 -0.33 0.00	65.50 0.25 0.00	56.04 -0.27 0.00	51.40 -0.40 0.00	36.77 -0.27 0.00	36.71 -0.16 0.00	46.65 -0.18 0.00	69.65 0.07 0.00	87.46 0.21 0.00	81.77 -0.15 0.00	85.01 -0.11 0.00	75.45 -0.17 0.00	69.61 -0.08 0.00	74.79 0.05 0.00	88.17 0.61 0.00	71.29 0.50 0.00
KATONAH__115KV_46KV_TB4 355592	60.50 2.55 -17.35	73.61 3.34 -14.38	64.25 2.83 -14.76	60.03 2.68 -12.04	56.72 2.34 -16.62	58.81 3.29 -2.67	77.22 4.67 0.00	88.44 5.44 0.00	82.97 5.31 -0.16	69.30 4.05 0.00	60.20 3.88 0.00	55.69 3.90 0.00	39.87 2.83 0.00	39.52 2.65 0.00	50.30 3.46 0.00	74.42 4.84 0.00	93.53 6.28 0.00	97.20 6.21 -9.07	96.60 6.45 -5.03	88.15 5.80 -6.73	76.86 5.08 -2.10	89.12 5.23 -9.15	94.52 5.52 -1.44	76.56 4.38 -1.40
KCE_NY_1 323755	223.27 2.81 -179.87	208.87 3.96 -149.03	202.90 3.27 -152.96	173.28 3.14 -124.83	212.73 2.69 -172.27	84.29 3.79 -27.65	77.73 5.19 0.00	88.94 5.94 0.00	84.85 5.71 -1.64	69.66 4.41 0.00	60.10 3.79 0.00	55.22 3.42 0.00	39.40 2.36 0.00	39.26 2.39 0.00	50.00 3.16 0.00	74.38 4.80 0.00	93.61 6.37 0.00	182.39 6.36 -94.12	142.00 6.47 -50.41	117.98 5.76 -36.60	96.61 5.21 -21.71	175.11 5.57 -94.80	108.73 6.27 -14.91	90.34 5.08 -14.47
KCE_NY_6_ESR 323823	37.33 -3.26 0.00	51.48 -4.41 0.00	43.13 -3.54 0.00	42.39 -2.92 0.00	35.37 -2.39 0.00	49.54 -3.31 0.00	68.28 -4.26 0.00	76.75 -6.25 0.00	71.86 -5.65 0.00	61.18 -4.08 0.00	53.56 -2.75 0.00	48.39 -3.40 0.00	34.64 -2.40 0.00	34.75 -2.12 0.00	43.89 -2.94 0.00	65.03 -4.55 0.00	80.57 -6.67 0.00	75.28 -6.63 0.00	77.80 -7.37 -0.05	69.71 -6.95 -1.05	63.52 -6.16 0.00	68.48 -6.26 0.00	81.42 -6.14 0.00	66.71 -4.08 0.00
KEDC_PORT_JEFF_GT2 24210	61.25 3.64 -17.02	74.68 4.69 -14.10	65.04 3.90 -14.47	60.81 3.68 -11.81	57.28 3.21 -16.30	60.09 4.62 -2.62	132.99 6.71 -53.74	103.40 7.72 -12.68	91.31 7.27 -6.53	70.12 4.87 0.00	60.95 4.64 0.00	56.58 4.78 0.00	40.59 3.55 0.00	40.27 3.40 0.00	51.12 4.29 0.00	131.43 6.51 -55.35	125.48 8.13 -30.10	178.81 8.16 -88.73	257.07 8.44 -163.52	262.45 7.68 -179.16	260.42 7.03 -183.71	311.84 7.07 -230.03	302.92 7.79 -207.57	203.48 6.22 -126.46
KEDC_PORT_JEFF_GT3 24211	61.25 3.64 -17.02	74.68 4.69 -14.10	65.04 3.90 -14.47	60.81 3.68 -11.81	57.28 3.21 -16.30	60.09 4.62 -2.62	132.99 6.71 -53.74	103.40 7.72 -12.68	91.31 7.27 -6.53	70.12 4.87 0.00	60.95 4.64 0.00	56.58 4.78 0.00	40.59 3.55 0.00	40.27 3.40 0.00	51.12 4.29 0.00	131.43 6.51 -55.35	125.48 8.13 -30.10	178.81 8.16 -88.73	257.07 8.44 -163.52	262.45 7.68 -179.16	260.42 7.03 -183.71	311.84 7.07 -230.03	302.92 7.79 -207.57	203.48 6.22 -126.46
KEDC_GLWD_GT4 24219	60.56 2.94 -17.02	74.31 4.32 -14.10	64.70 3.56 -14.47	60.48 3.35 -11.81	57.01 2.94 -16.30	59.98 4.51 -2.62	132.70 6.41 -53.74	89.33 6.32 0.00	83.73 6.07 -0.15	69.55 4.30 0.00	60.61 4.30 0.00	56.24 4.45 0.00	40.21 3.17 0.00	39.88 3.01 0.00	50.68 3.84 0.00	74.89 5.31 0.00	94.15 6.90 0.00	98.26 6.87 -9.47	102.90 7.14 -10.64	141.34 6.51 -59.22	159.68 5.78 -84.21	92.12 5.79 -11.59	95.17 6.20 -1.41	77.00 4.84 -1.37
KEDC_GLWD_GT5 24220	60.56 2.94 -17.02	74.31 4.32 -14.10	64.70 3.56 -14.47	60.48 3.35 -11.81	57.01 2.94 -16.30	59.98 4.51 -2.62	132.70 6.41 -53.74	89.33 6.32 0.00	83.73 6.07 -0.15	69.55 4.30 0.00	60.61 4.30 0.00	56.24 4.45 0.00	40.21 3.17 0.00	39.88 3.01 0.00	50.68 3.84 0.00	74.89 5.31 0.00	94.15 6.90 0.00	98.26 6.87 -9.47	102.90 7.14 -10.64	141.34 6.51 -59.22	159.68 5.78 -84.21	92.12 5.79 -11.59	95.17 6.20 -1.41	77.00 4.84 -1.37

KENSICO____ 23655	59.73 2.14 -17.00	72.75 2.78 -14.08	63.47 2.35 -14.45	59.31 2.21 -11.80	55.99 1.95 -16.28	58.18 2.71 -2.61	76.41 3.87 0.00	87.47 4.47 0.00	82.04 4.38 -0.15	68.58 3.32 0.00	59.57 3.25 0.00	55.17 3.37 0.00	39.49 2.46 0.00	39.15 2.28 0.00	49.81 2.97 0.00	73.67 4.10 0.00	92.55 5.30 0.00	96.05 5.24 -8.89	95.48 5.43 -4.93	87.15 4.92 -6.62	76.01 4.28 -2.05	88.07 4.37 -8.96	93.49 4.52 -1.41	75.78 3.62 -1.37
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	63.95 2.45 -20.91	76.43 3.21 -17.32	67.18 2.73 -17.78	62.41 2.59 -14.51	60.04 2.25 -20.03	59.25 3.18 -3.22	77.03 4.49 0.00	88.24 5.24 0.00	82.76 5.06 -0.19	69.03 3.78 0.00	59.79 3.48 0.00	55.26 3.46 0.00	39.50 2.46 0.00	39.20 2.33 0.00	50.05 3.21 0.00	74.29 4.71 0.00	93.41 6.16 0.00	98.96 6.12 -10.93	97.42 6.29 -6.01	88.43 5.63 -7.18	77.11 4.90 -2.52	90.79 5.03 -11.02	94.59 5.30 -1.73	76.63 4.16 -1.68
KIAC_JFK_GT1 23816	59.82 2.21 -17.03	72.75 2.76 -14.11	63.50 2.35 -14.48	59.26 2.13 -11.82	56.00 1.93 -16.31	58.16 2.69 -2.62	76.42 3.88 0.00	87.53 4.53 0.00	82.16 4.51 -0.15	68.68 3.43 0.00	59.77 3.45 0.00	55.57 3.77 0.00	39.70 2.67 0.00	39.25 2.38 0.00	49.95 3.11 0.00	73.77 4.20 0.00	92.54 5.29 0.00	96.16 5.34 -8.91	95.64 5.59 -4.94	87.41 5.16 -6.63	76.21 4.47 -2.06	88.30 4.58 -8.98	93.53 4.57 -1.41	75.78 3.62 -1.37
KIAC_JFK_GT2 23817	59.82 2.21 -17.03	72.75 2.76 -14.11	63.50 2.35 -14.48	59.26 2.13 -11.82	56.00 1.93 -16.31	58.16 2.69 -2.62	76.42 3.88 0.00	87.53 4.53 0.00	82.16 4.51 -0.15	68.68 3.43 0.00	59.77 3.45 0.00	55.57 3.77 0.00	39.70 2.67 0.00	39.25 2.38 0.00	49.95 3.11 0.00	73.77 4.20 0.00	92.54 5.29 0.00	96.16 5.34 -8.91	95.64 5.59 -4.94	87.41 5.16 -6.63	76.21 4.47 -2.06	88.30 4.58 -8.98	93.53 4.57 -1.41	75.78 3.62 -1.37
KIAC_JFK____ 323774	59.82 2.20 -17.03	72.75 2.76 -14.11	63.50 2.35 -14.48	59.26 2.14 -11.82	56.00 1.93 -16.31	58.15 2.69 -2.62	76.42 3.87 0.00	87.54 4.54 0.00	82.16 4.50 -0.15	68.68 3.43 0.00	59.77 3.46 0.00	55.57 3.77 0.00	39.71 2.67 0.00	39.25 2.38 0.00	49.94 3.11 0.00	73.75 4.18 0.00	92.54 5.29 0.00	96.15 5.33 -8.91	95.63 5.58 -4.94	87.41 5.16 -6.63	76.21 4.47 -2.06	88.30 4.58 -8.98	93.52 4.55 -1.41	75.78 3.62 -1.37
KINTIGH____ 23543	36.94 -3.65 0.00	50.90 -4.99 0.00	42.66 -4.00 0.00	41.77 -3.54 0.00	34.87 -2.89 0.00	48.84 -4.02 0.00	67.25 -5.30 0.00	75.77 -7.23 0.00	70.98 -6.52 0.00	60.32 -4.93 0.00	52.75 -3.57 0.00	47.89 -3.91 0.00	34.26 -2.78 0.00	34.32 -2.56 0.00	43.31 -3.52 0.00	64.30 -5.28 0.00	79.95 -7.30 0.00	74.72 -7.20 0.00	77.20 -7.96 -0.04	69.11 -7.38 -0.87	63.04 -6.64 0.00	67.96 -6.78 0.00	80.63 -6.93 0.00	65.81 -4.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.47 0.88 0.00	57.34 1.45 0.00	47.83 1.17 0.00	46.37 1.06 0.00	38.33 0.57 0.00	53.45 0.60 0.00	72.54 0.00 0.00	83.53 0.53 0.00	78.35 0.84 0.00	66.38 1.12 0.00	56.96 0.64 0.00	52.16 0.36 0.00	37.29 0.25 0.00	37.15 0.29 0.00	47.34 0.50 0.00	70.73 1.15 0.00	89.05 1.81 0.00	83.24 1.33 0.00	86.65 1.53 0.00	76.79 1.18 0.00	70.78 1.10 0.00	75.96 1.22 0.00	89.51 1.95 0.00	72.57 1.78 0.00
LACHUTE__HYDRO 323717	227.60 4.51 -182.50	213.33 6.24 -151.20	206.98 5.12 -155.19	177.00 5.03 -126.66	216.87 4.32 -174.79	87.48 6.58 -28.05	81.33 8.78 0.00	93.44 10.44 0.00	89.19 10.02 -1.66	71.90 6.65 0.00	61.80 5.48 0.00	56.75 4.96 0.00	40.52 3.48 0.00	40.33 3.46 0.00	51.45 4.62 0.00	76.96 7.39 0.00	97.60 10.35 0.00	188.63 11.22 -95.49	147.82 11.56 -51.14	122.82 10.12 -37.08	101.16 9.45 -22.03	181.37 10.45 -96.18	115.17 12.48 -15.13	95.39 9.91 -14.68
LAWRNCV_115KV_TB1 80681	41.13 0.54 0.00	56.73 0.85 0.00	47.18 0.52 0.00	45.75 0.44 0.00	38.00 0.24 0.00	53.28 0.43 0.00	73.11 0.56 0.00	84.04 1.04 0.00	78.36 0.85 0.00	66.28 1.03 0.00	56.64 0.33 0.00	51.87 0.08 0.00	37.03 -0.01 0.00	36.87 0.00 0.00	46.71 -0.12 0.00	70.00 0.43 0.00	87.50 0.25 0.00	81.12 -0.79 0.00	84.40 -0.72 0.00	74.96 -0.66 0.00	69.51 -0.17 0.00	75.17 0.43 0.00	88.84 1.28 0.00	71.78 0.99 0.00
LEDERLE____ 23769	58.88 1.96 -16.34	71.98 2.56 -13.53	62.71 2.15 -13.89	58.67 2.02 -11.34	55.20 1.79 -15.65	57.86 2.49 -2.51	76.12 3.57 0.00	87.09 4.09 0.00	81.70 4.05 -0.15	68.28 3.03 0.00	59.30 2.98 0.00	54.87 3.07 0.00	39.28 2.24 0.00	38.97 2.10 0.00	49.57 2.73 0.00	73.30 3.72 0.00	92.11 4.86 0.00	95.34 4.88 -8.54	94.88 5.03 -4.74	86.55 4.55 -6.38	75.61 3.96 -1.97	87.39 4.04 -8.61	93.09 4.17 -1.35	75.42 3.31 -1.32
LIGHTHSE_115KV_TB6 355974	39.47 -1.12 0.00	54.36 -1.53 0.00	45.55 -1.11 0.00	44.23 -1.08 0.00	36.87 -0.89 0.00	51.49 -1.37 0.00	71.04 -1.51 0.00	81.57 -1.43 0.00	76.32 -1.18 0.00	64.18 -1.08 0.00	55.40 -0.91 0.00	50.85 -0.95 0.00	36.38 -0.67 0.00	36.25 -0.62 0.00	45.97 -0.86 0.00	68.67 -0.91 0.00	86.03 -1.21 0.00	80.84 -1.07 0.00	84.07 -1.05 0.00	74.58 -1.04 0.00	68.62 -1.06 0.00	73.72 -1.02 0.00	86.30 -1.25 0.00	69.79 -1.00 0.00
LINDEN COGEN____ 23786	59.59 1.97 -17.03	72.45 2.46 -14.11	63.24 2.10 -14.48	59.08 1.95 -11.82	55.83 1.76 -16.31	57.91 2.44 -2.62	76.05 3.50 0.00	87.08 4.08 0.00	81.69 4.03 -0.15	68.30 3.04 0.00	59.42 3.10 0.00	54.81 3.28 0.27	39.48 2.44 0.00	39.11 2.24 0.00	49.72 2.89 0.00	73.39 3.82 0.01	92.22 4.98 0.00	94.30 4.98 -7.41	94.77 5.13 -4.52	86.64 4.60 -6.43	75.70 3.96 -2.06	86.91 4.03 -8.14	93.06 4.09 -1.41	75.41 3.24 -1.37
LINDHRST_69_KV_BK1 356055	61.00 3.39 -17.02	74.42 4.43 -14.10	64.77 3.63 -14.47	60.54 3.42 -11.81	57.06 2.99 -16.30	59.74 4.27 -2.62	132.44 6.15 -53.74	90.92 7.00 -0.92	84.76 6.63 -0.62	69.83 4.58 0.00	60.76 4.44 0.00	56.44 4.64 0.00	40.41 3.37 0.00	40.05 3.19 0.00	50.89 4.06 0.00	79.64 6.04 -4.02	97.39 7.95 -2.19	105.01 7.86 -15.23	115.13 8.25 -21.76	151.01 7.45 -67.94	167.82 6.70 -91.45	108.84 6.63 -27.48	111.20 7.24 -16.40	86.92 5.66 -10.46
LIPA_MISC_IPP 23656	61.07 3.46 -17.02	74.45 4.46 -14.10	64.85 3.71 -14.47	60.65 3.53 -11.81	57.14 3.08 -16.30	59.92 4.45 -2.62	132.80 6.51 -53.74	100.77 7.54 -10.23	89.92 7.12 -5.29	69.95 4.70 0.00	60.75 4.44 0.00	56.41 4.62 0.00	40.50 3.46 0.00	40.20 3.33 0.00	50.98 4.15 0.00	120.58 6.37 -44.63	119.86 8.34 -24.27	163.49 8.19 -73.39	227.49 8.45 -133.93	239.35 7.80 -155.94	241.22 7.08 -164.45	269.25 6.76 -187.75	262.78 7.55 -167.67	179.12 6.07 -102.25
LISF__SOLAR 323691	61.15 3.54 -17.02	74.56 4.57 -14.10	64.95 3.81 -14.47	60.75 3.62 -11.81	57.23 3.16 -16.30	60.03 4.56 -2.62	132.98 6.69 -53.74	101.15 7.74 -10.42	90.17 7.28 -5.39	70.04 4.79 0.00	60.80 4.49 0.00	56.45 4.65 0.00	40.55 3.51 0.00	40.26 3.39 0.00	51.07 4.24 0.00	121.57 6.53 -45.47	120.54 8.57 -24.72	164.91 8.42 -74.58	230.02 8.67 -136.23	241.36 8.00 -157.74	242.89 7.26 -165.95	272.70 6.93 -191.03	266.09 7.76 -170.77	181.17 6.25 -104.13

LITTLE FALLS___HYD 24013	42.79 2.20 0.00	58.98 3.09 0.00	49.53 2.87 0.00	48.12 2.81 0.00	40.33 2.57 0.00	56.30 3.45 0.00	77.10 4.55 0.00	88.04 5.03 0.00	82.63 5.13 0.00	68.72 3.47 0.00	59.03 2.71 0.00	54.16 2.36 0.00	38.60 1.56 0.00	38.46 1.59 0.00	49.47 2.64 0.00	73.95 4.38 0.00	93.62 6.38 0.00	88.52 6.61 0.00	91.75 6.64 0.00	81.25 5.64 0.00	74.72 5.04 0.00	79.66 4.92 0.00	92.85 5.30 0.00	74.87 4.07 0.00
LITTLRIV_115KV_TB1 356100	41.68 1.09 0.00	57.47 1.59 0.00	47.76 1.10 0.00	46.33 1.02 0.00	38.46 0.70 0.00	53.97 1.11 0.00	74.05 1.51 0.00	85.18 2.18 0.00	79.30 1.79 0.00	66.88 1.62 0.00	57.01 0.69 0.00	52.16 0.36 0.00	37.18 0.14 0.00	37.07 0.20 0.00	46.97 0.13 0.00	70.69 1.12 0.00	88.41 1.16 0.00	82.02 0.10 0.00	85.36 0.24 0.00	75.79 0.17 0.00	70.29 0.60 0.00	76.09 1.35 0.00	89.98 2.42 0.00	72.67 1.87 0.00
LI_NEWBRDGE___DRP 323616	60.26 2.65 -17.02	73.41 3.41 -14.10	63.97 2.83 -14.47	59.78 2.65 -11.81	56.41 2.34 -16.30	58.81 3.34 -2.62	131.07 4.78 -53.74	88.39 5.38 0.00	82.83 5.17 -0.15	68.79 3.54 0.00	59.94 3.62 0.00	55.61 3.81 0.00	39.76 2.72 0.00	39.42 2.55 0.00	50.07 3.24 0.00	74.25 4.68 0.00	93.37 6.12 0.00	97.54 6.15 -9.47	102.16 6.40 -10.64	140.70 5.86 -59.22	159.09 5.20 -84.21	91.49 5.16 -11.59	94.44 5.47 -1.41	76.50 4.33 -1.37
LOCKPORT_115KV_TB60_63_64 80432	36.42 -4.17 0.00	50.27 -5.61 0.00	42.16 -4.50 0.00	41.38 -3.93 0.00	34.61 -3.15 0.00	48.48 -4.37 0.00	66.87 -5.67 0.00	74.84 -8.16 0.00	70.19 -7.32 0.00	59.76 -5.50 0.00	52.45 -3.87 0.00	47.42 -4.38 0.00	33.89 -3.15 0.00	33.96 -2.90 0.00	42.83 -4.01 0.00	63.51 -6.06 0.00	78.60 -8.64 0.00	73.49 -8.42 0.00	75.78 -9.38 -0.05	67.91 -8.65 -0.94	61.98 -7.71 0.00	66.82 -7.92 0.00	79.53 -8.03 0.00	65.31 -5.48 0.00
LOCKPORT___CC1 323769	36.33 -4.26 0.00	50.14 -5.75 0.00	42.02 -4.64 0.00	41.24 -4.07 0.00	34.49 -3.27 0.00	48.30 -4.55 0.00	66.61 -5.93 0.00	74.57 -8.43 0.00	69.90 -7.61 0.00	59.55 -5.70 0.00	52.25 -4.06 0.00	47.22 -4.57 0.00	33.76 -3.28 0.00	33.86 -3.01 0.00	42.66 -4.18 0.00	63.27 -6.31 0.00	78.32 -8.93 0.00	73.23 -8.69 0.00	75.57 -9.60 -0.05	67.70 -8.87 -0.95	61.75 -7.93 0.00	66.59 -8.16 0.00	79.26 -8.30 0.00	65.06 -5.73 0.00
LOCKPORT___CC2 323770	36.33 -4.26 0.00	50.14 -5.75 0.00	42.02 -4.64 0.00	41.24 -4.07 0.00	34.49 -3.27 0.00	48.30 -4.55 0.00	66.61 -5.93 0.00	74.57 -8.43 0.00	69.90 -7.61 0.00	59.55 -5.70 0.00	52.25 -4.06 0.00	47.22 -4.57 0.00	33.76 -3.28 0.00	33.86 -3.01 0.00	42.66 -4.18 0.00	63.27 -6.31 0.00	78.32 -8.93 0.00	73.23 -8.69 0.00	75.57 -9.60 -0.05	67.70 -8.87 -0.95	61.75 -7.93 0.00	66.59 -8.16 0.00	79.26 -8.30 0.00	65.06 -5.73 0.00
LOCKPORT___CC3 323771	36.33 -4.26 0.00	50.14 -5.75 0.00	42.02 -4.64 0.00	41.24 -4.07 0.00	34.49 -3.27 0.00	48.30 -4.55 0.00	66.61 -5.93 0.00	74.57 -8.43 0.00	69.90 -7.61 0.00	59.55 -5.70 0.00	52.25 -4.06 0.00	47.22 -4.57 0.00	33.76 -3.28 0.00	33.86 -3.01 0.00	42.66 -4.18 0.00	63.27 -6.31 0.00	78.32 -8.93 0.00	73.23 -8.69 0.00	75.57 -9.60 -0.05	67.70 -8.87 -0.95	61.75 -7.93 0.00	66.59 -8.16 0.00	79.26 -8.30 0.00	65.06 -5.73 0.00
LONG_LAKE_PHOENIX 24014	38.94 -1.64 0.00	53.58 -2.31 0.00	44.88 -1.78 0.00	43.64 -1.67 0.00	36.41 -1.35 0.00	50.93 -1.92 0.00	70.01 -2.53 0.00	79.97 -3.03 0.00	74.77 -2.74 0.00	62.93 -2.32 0.00	54.42 -1.90 0.00	49.94 -1.86 0.00	35.75 -1.29 0.00	35.66 -1.21 0.00	45.28 -1.55 0.00	67.28 -2.29 0.00	84.31 -2.94 0.00	79.31 -2.60 0.00	82.34 -2.78 0.00	73.06 -2.55 0.00	67.29 -2.39 0.00	72.19 -2.55 0.00	84.47 -3.09 0.00	68.39 -2.40 0.00
LOVETT___3 23632	58.76 1.77 -16.41	71.76 2.28 -13.59	62.56 1.95 -13.95	58.49 1.79 -11.38	55.08 1.61 -15.71	57.61 2.24 -2.52	75.75 3.21 0.00	86.67 3.66 0.00	81.31 3.65 -0.15	67.95 2.69 0.00	59.01 2.69 0.00	54.60 2.81 0.00	39.10 2.06 0.00	38.77 1.90 0.00	49.31 2.47 0.00	72.90 3.32 0.00	91.62 4.37 0.00	94.91 4.41 -8.58	94.42 4.55 -4.75	86.14 4.13 -6.40	75.23 3.57 -1.98	87.00 3.62 -8.64	92.59 3.67 -1.36	75.04 2.93 -1.32
LOVETT___4 23642	58.76 1.77 -16.41	71.76 2.28 -13.59	62.56 1.95 -13.95	58.49 1.79 -11.38	55.08 1.61 -15.71	57.61 2.24 -2.52	75.75 3.21 0.00	86.67 3.66 0.00	81.31 3.65 -0.15	67.95 2.69 0.00	59.01 2.69 0.00	54.60 2.81 0.00	39.10 2.06 0.00	38.77 1.90 0.00	49.31 2.47 0.00	72.90 3.32 0.00	91.62 4.37 0.00	94.91 4.41 -8.58	94.42 4.55 -4.75	86.14 4.13 -6.40	75.23 3.57 -1.98	87.00 3.62 -8.64	92.59 3.67 -1.36	75.04 2.93 -1.32
LOVETT___5 23593	58.76 1.77 -16.41	71.76 2.28 -13.59	62.56 1.95 -13.95	58.49 1.79 -11.38	55.08 1.61 -15.71	57.61 2.24 -2.52	75.75 3.21 0.00	86.67 3.66 0.00	81.31 3.65 -0.15	67.95 2.69 0.00	59.01 2.69 0.00	54.60 2.81 0.00	39.10 2.06 0.00	38.77 1.90 0.00	49.31 2.47 0.00	72.90 3.32 0.00	91.62 4.37 0.00	94.91 4.41 -8.58	94.42 4.55 -4.75	86.14 4.13 -6.40	75.23 3.57 -1.98	87.00 3.62 -8.64	92.59 3.67 -1.36	75.04 2.93 -1.32
LOWER RAQUET___HYD 24057	41.17 0.58 0.00	56.79 0.90 0.00	47.23 0.57 0.00	45.81 0.50 0.00	38.03 0.27 0.00	53.32 0.47 0.00	73.18 0.63 0.00	84.20 1.20 0.00	78.52 1.01 0.00	66.37 1.12 0.00	56.71 0.40 0.00	51.92 0.12 0.00	37.05 0.02 0.00	36.90 0.03 0.00	46.74 -0.09 0.00	70.12 0.54 0.00	87.57 0.33 0.00	81.04 -0.87 0.00	84.35 -0.77 0.00	74.91 -0.70 0.00	69.50 -0.19 0.00	75.26 0.52 0.00	89.01 1.45 0.00	71.90 1.11 0.00
LOWER___HUDSON 24059	191.58 2.23 -148.77	182.20 3.06 -123.26	175.80 2.63 -126.51	151.09 2.53 -103.24	182.42 2.18 -142.48	78.69 2.97 -22.87	76.54 4.00 0.00	87.51 4.51 0.00	83.19 4.33 -1.36	68.62 3.37 0.00	59.34 3.03 0.00	54.64 2.84 0.00	39.03 1.99 0.00	38.80 1.93 0.00	49.42 2.59 0.00	73.34 3.77 0.00	92.14 4.89 0.00	164.57 4.81 -77.84	131.77 4.93 -41.73	111.04 4.43 -30.99	91.65 4.01 -17.95	157.46 4.32 -78.40	104.74 4.85 -12.33	86.67 3.91 -11.97
LOWVILLE_115KV_TB2 356335	41.00 0.41 0.00	56.53 0.64 0.00	47.50 0.84 0.00	46.05 0.74 0.00	38.31 0.55 0.00	53.53 0.68 0.00	74.26 1.72 0.00	86.04 3.04 0.00	80.72 3.22 0.00	67.92 2.66 0.00	58.37 2.05 0.00	53.32 1.52 0.00	38.11 1.08 0.00	37.93 1.07 0.00	48.05 1.21 0.00	72.25 2.68 0.00	90.79 3.54 0.00	84.52 2.61 0.00	88.19 3.08 0.00	78.20 2.58 0.00	71.89 2.21 0.00	77.01 2.27 0.00	90.36 2.80 0.00	72.97 2.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	223.23 2.77 -179.87	208.76 3.84 -149.03	202.86 3.24 -152.96	173.28 3.13 -124.83	212.71 2.68 -172.27	84.26 3.76 -27.65	77.66 5.12 0.00	88.87 5.87 0.00	84.79 5.65 -1.64	69.60 4.35 0.00	60.05 3.73 0.00	55.19 3.39 0.00	39.39 2.35 0.00	39.22 2.35 0.00	49.98 3.15 0.00	74.32 4.75 0.00	93.54 6.29 0.00	182.31 6.27 -94.12	141.92 6.40 -50.41	117.90 5.68 -36.60	96.56 5.17 -21.71	175.06 5.52 -94.80	108.70 6.24 -14.91	90.31 5.04 -14.47

LUTHERNY_35_KV_BK2 355980	223.27 2.80 -179.87	208.87 3.96 -149.03	202.90 3.27 -152.96	173.29 3.14 -124.83	212.73 2.69 -172.27	84.29 3.78 -27.65	77.73 5.19 0.00	88.94 5.94 0.00	84.85 5.71 -1.64	69.66 4.41 0.00	60.10 3.79 0.00	55.22 3.42 0.00	39.40 2.36 0.00	39.26 2.39 0.00	49.99 3.16 0.00	74.38 4.80 0.00	93.61 6.36 0.00	182.39 6.35 -94.12	142.00 6.48 -50.41	117.98 5.76 -36.60	96.60 5.21 -21.71	175.11 5.57 -94.80	108.73 6.27 -14.91	90.34 5.08 -14.47
LWR___OSWEGATCHIE_HYD 23850	41.00 0.41 0.00	56.51 0.62 0.00	47.23 0.56 0.00	45.79 0.48 0.00	38.08 0.32 0.00	53.29 0.44 0.00	73.56 1.02 0.00	84.92 1.92 0.00	79.38 1.87 0.00	66.94 1.68 0.00	57.34 1.03 0.00	52.45 0.65 0.00	37.46 0.42 0.00	37.29 0.42 0.00	47.25 0.42 0.00	71.00 1.43 0.00	88.92 1.67 0.00	82.50 0.59 0.00	85.96 0.85 0.00	76.29 0.67 0.00	70.49 0.81 0.00	75.98 1.24 0.00	89.53 1.97 0.00	72.32 1.53 0.00
LYONS_FALL_HYD 23570	41.31 0.72 0.00	56.92 1.03 0.00	47.72 1.06 0.00	46.32 1.01 0.00	38.56 0.80 0.00	53.93 1.08 0.00	74.58 2.04 0.00	85.99 2.99 0.00	80.59 3.09 0.00	67.80 2.55 0.00	58.36 2.04 0.00	53.36 1.57 0.00	38.15 1.11 0.00	38.00 1.13 0.00	48.22 1.38 0.00	72.20 2.62 0.00	90.69 3.44 0.00	84.72 2.81 0.00	88.25 3.14 0.00	78.27 2.66 0.00	71.97 2.29 0.00	77.12 2.38 0.00	90.34 2.78 0.00	72.94 2.15 0.00
MADISON___COUNTY_LFGE 323628	41.49 0.90 0.00	57.15 1.26 0.00	47.86 1.20 0.00	46.56 1.25 0.00	38.81 1.06 0.00	54.37 1.52 0.00	74.89 2.35 0.00	85.80 2.80 0.00	80.29 2.78 0.00	67.49 2.24 0.00	58.17 1.86 0.00	53.18 1.38 0.00	38.03 0.99 0.00	37.91 1.04 0.00	48.23 1.39 0.00	71.91 2.34 0.00	90.31 3.06 0.00	84.72 2.80 0.00	87.96 2.85 0.00	78.03 2.41 0.00	71.79 2.10 0.00	76.92 2.18 0.00	89.89 2.34 0.00	72.57 1.77 0.00
MALONE___115KV_TB1 356076	41.57 0.99 0.00	57.46 1.57 0.00	47.84 1.18 0.00	46.38 1.07 0.00	38.36 0.59 0.00	53.67 0.81 0.00	73.30 0.75 0.00	84.53 1.53 0.00	79.22 1.72 0.00	67.16 1.90 0.00	57.40 1.09 0.00	52.57 0.77 0.00	37.56 0.52 0.00	37.42 0.56 0.00	47.51 0.67 0.00	71.09 1.52 0.00	89.26 2.01 0.00	83.31 1.40 0.00	86.70 1.58 0.00	76.93 1.32 0.00	71.03 1.35 0.00	76.49 1.74 0.00	90.19 2.63 0.00	72.86 2.07 0.00
MAPLEWOD_115KV_TB3 80458	161.95 2.01 -119.35	157.50 2.73 -98.89	150.56 2.40 -101.50	130.46 2.31 -82.83	154.05 1.98 -114.31	73.86 2.66 -18.35	76.13 3.59 0.00	87.02 4.02 0.00	82.48 3.88 -1.09	68.33 3.07 0.00	59.08 2.77 0.00	54.44 2.64 0.00	38.89 1.85 0.00	38.66 1.79 0.00	49.24 2.41 0.00	73.02 3.44 0.00	91.70 4.45 0.00	148.64 4.27 -62.45	123.01 4.37 -33.52	105.26 3.94 -25.70	87.67 3.58 -14.40	141.52 3.87 -62.90	101.79 4.34 -9.89	83.91 3.52 -9.60
MAPLE_RIDGE_WT_1 323574	40.46 -0.13 0.00	55.81 -0.08 0.00	46.51 -0.15 0.00	45.17 -0.14 0.00	37.64 -0.12 0.00	52.65 -0.20 0.00	72.28 -0.26 0.00	82.99 -0.01 0.00	77.47 -0.04 0.00	65.37 0.11 0.00	56.24 -0.08 0.00	51.67 -0.13 0.00	36.93 -0.11 0.00	36.77 -0.10 0.00	46.68 -0.16 0.00	69.44 -0.13 0.00	87.07 -0.18 0.00	81.49 -0.42 0.00	84.74 -0.37 0.00	75.27 -0.34 0.00	69.39 -0.30 0.00	74.47 -0.27 0.00	87.35 -0.21 0.00	70.67 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	40.46 -0.13 0.00	55.81 -0.08 0.00	46.51 -0.15 0.00	45.17 -0.14 0.00	37.64 -0.12 0.00	52.65 -0.20 0.00	72.28 -0.26 0.00	82.99 -0.01 0.00	77.47 -0.04 0.00	65.37 0.11 0.00	56.24 -0.08 0.00	51.67 -0.13 0.00	36.93 -0.11 0.00	36.77 -0.10 0.00	46.68 -0.16 0.00	69.44 -0.13 0.00	87.07 -0.18 0.00	81.49 -0.42 0.00	84.74 -0.37 0.00	75.27 -0.34 0.00	69.39 -0.30 0.00	74.47 -0.27 0.00	87.35 -0.21 0.00	70.67 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	40.70 0.11 0.00	56.32 0.43 0.00	46.99 0.32 0.00	45.56 0.24 0.00	37.62 -0.14 0.00	52.55 -0.30 0.00	71.43 -1.11 0.00	82.28 -0.73 0.00	77.16 -0.34 0.00	65.48 0.22 0.00	56.11 -0.20 0.00	51.46 -0.34 0.00	36.80 -0.24 0.00	36.73 -0.14 0.00	46.74 -0.09 0.00	69.74 0.17 0.00	87.63 0.38 0.00	81.91 -0.01 0.00	85.12 0.01 0.00	75.55 -0.06 0.00	69.68 -0.01 0.00	74.85 0.11 0.00	88.20 0.64 0.00	71.38 0.58 0.00
MARSHVLE_115KV_TB1 80742	211.44 2.20 -168.65	198.69 3.08 -139.73	192.78 2.69 -143.42	165.04 2.68 -117.04	201.54 2.26 -161.52	81.97 3.19 -25.93	77.15 4.61 0.00	88.36 5.36 0.00	84.08 5.04 -1.54	69.26 4.01 0.00	58.98 2.66 0.00	53.90 2.10 0.00	38.50 1.47 0.00	38.49 1.62 0.00	49.27 2.44 0.00	73.77 4.19 0.00	93.22 5.97 0.00	176.09 5.93 -88.24	138.39 6.01 -47.26	114.89 5.07 -34.20	94.50 4.46 -20.35	168.17 4.55 -88.88	106.72 5.19 -13.98	88.43 4.07 -13.57
MARSH_HILL_WT_PWR 323713	43.22 -2.30 -4.92	57.14 -2.82 -4.08	49.06 -1.79 -4.19	47.49 -1.23 -3.42	41.67 -0.80 -4.71	52.70 -0.91 -0.76	71.55 -1.00 0.00	81.30 -1.70 0.00	76.17 -1.38 -0.05	64.02 -1.23 0.00	55.23 -1.08 0.00	49.72 -2.08 0.00	35.40 -1.64 0.00	35.65 -1.21 0.00	45.78 -1.06 0.00	67.75 -1.83 0.00	83.00 -4.25 0.00	79.83 -4.66 -2.58	81.77 -4.76 -1.42	73.20 -4.14 -1.72	65.31 -4.97 -0.60	71.49 -5.85 -2.60	83.63 -4.34 -0.41	69.31 -1.88 -0.40
MCINTYRE_115KV_TB2 80467	41.90 1.32 0.00	57.79 1.90 0.00	48.00 1.34 0.00	46.56 1.25 0.00	38.68 0.91 0.00	54.28 1.42 0.00	74.46 1.91 0.00	85.60 2.60 0.00	79.60 2.09 0.00	67.04 1.79 0.00	57.10 0.78 0.00	52.21 0.42 0.00	37.22 0.18 0.00	37.13 0.26 0.00	47.05 0.21 0.00	70.89 1.31 0.00	88.81 1.57 0.00	82.71 0.79 0.00	86.11 0.99 0.00	76.45 0.83 0.00	70.85 1.16 0.00	76.54 1.80 0.00	90.42 2.86 0.00	72.99 2.20 0.00
MECO_____69_KV_BK1 80468	224.57 2.98 -181.00	209.86 4.02 -149.96	204.06 3.47 -153.92	174.35 3.42 -125.61	214.00 2.89 -173.35	84.76 4.08 -27.82	78.32 5.78 0.00	89.70 6.69 0.00	85.46 6.30 -1.65	70.09 4.84 0.00	59.49 3.18 0.00	54.33 2.53 0.00	38.75 1.71 0.00	38.69 1.82 0.00	49.81 2.98 0.00	74.57 4.99 0.00	94.61 7.36 0.00	184.03 7.41 -94.71	143.45 7.62 -50.71	118.76 6.57 -36.57	97.37 5.84 -21.84	176.16 6.02 -95.39	109.39 6.83 -15.00	90.75 5.39 -14.56
MENANDS___115KV_TB5 355628	156.47 1.83 -114.05	152.86 2.48 -94.49	145.87 2.22 -96.99	126.60 2.13 -79.15	148.82 1.83 -109.23	72.83 2.44 -17.53	75.81 3.27 0.00	86.64 3.63 0.00	82.06 3.52 -1.04	68.02 2.76 0.00	58.86 2.55 0.00	54.24 2.45 0.00	38.77 1.73 0.00	38.52 1.65 0.00	49.07 2.24 0.00	72.71 3.13 0.00	91.25 4.01 0.00	145.42 3.82 -59.68	121.05 3.89 -32.04	103.87 3.51 -24.74	86.67 3.22 -13.76	138.35 3.50 -60.11	100.94 3.93 -9.45	83.19 3.22 -9.18
MG INDUSTRY___DRP 24185	116.77 2.81 -73.37	120.49 3.81 -60.79	112.41 3.36 -62.39	99.49 3.26 -50.92	110.79 2.76 -70.27	67.85 3.72 -11.28	77.50 4.96 0.00	88.49 5.49 0.00	83.13 4.95 -0.67	68.94 3.69 0.00	59.12 2.81 0.00	54.28 2.48 0.00	38.65 1.61 0.00	38.55 1.68 0.00	49.51 2.68 0.00	73.44 3.86 0.00	92.98 5.74 0.00	125.87 5.57 -38.39	111.50 5.70 -20.68	97.98 5.01 -17.35	83.14 4.60 -8.85	118.35 4.94 -38.67	99.35 5.71 -6.08	81.49 4.79 -5.90

MID___OSWEGATCHIE_HYD 23849	41.00 0.41 0.00	56.51 0.62 0.00	47.23 0.56 0.00	45.79 0.48 0.00	38.08 0.32 0.00	53.29 0.44 0.00	73.56 1.02 0.00	84.92 1.92 0.00	79.38 1.87 0.00	66.94 1.68 0.00	57.34 1.03 0.00	52.45 0.65 0.00	37.46 0.42 0.00	37.29 0.42 0.00	47.25 0.42 0.00	71.00 1.43 0.00	88.92 1.67 0.00	82.50 0.59 0.00	85.96 0.85 0.00	76.29 0.67 0.00	70.49 0.81 0.00	75.98 1.24 0.00	89.53 1.97 0.00	72.32 1.53 0.00
MID___RAQUETTE_HYD 23851	41.17 0.58 0.00	56.79 0.90 0.00	47.23 0.57 0.00	45.81 0.50 0.00	38.04 0.28 0.00	53.32 0.47 0.00	73.18 0.63 0.00	84.20 1.20 0.00	78.52 1.01 0.00	66.37 1.12 0.00	56.71 0.40 0.00	51.92 0.13 0.00	37.05 0.02 0.00	36.90 0.03 0.00	46.74 -0.09 0.00	70.11 0.54 0.00	87.57 0.32 0.00	81.04 -0.87 0.00	84.35 -0.77 0.00	74.91 -0.70 0.00	69.50 -0.19 0.00	75.25 0.51 0.00	89.01 1.45 0.00	71.90 1.11 0.00
MILLIKEN___1 23584	45.78 0.02 -5.17	60.20 0.04 -4.28	51.24 0.19 -4.40	49.23 0.34 -3.59	43.04 0.32 -4.95	54.11 0.46 -0.79	73.35 0.81 0.00	83.81 0.82 0.00	78.27 0.72 -0.05	65.73 0.48 0.00	56.60 0.29 0.00	51.87 0.08 0.00	37.07 0.03 0.00	36.92 0.04 0.00	47.20 0.37 0.00	70.54 0.96 0.00	88.24 1.00 0.00	85.57 0.95 -2.71	87.51 0.91 -1.49	77.99 0.64 -1.73	70.81 0.50 -0.63	77.91 0.44 -2.73	88.37 0.39 -0.43	71.69 0.48 -0.42
MILLIKEN___2 23585	45.78 0.02 -5.17	60.20 0.04 -4.28	51.24 0.19 -4.40	49.23 0.34 -3.59	43.04 0.32 -4.95	54.11 0.46 -0.79	73.35 0.81 0.00	83.81 0.82 0.00	78.27 0.72 -0.05	65.73 0.48 0.00	56.60 0.29 0.00	51.87 0.08 0.00	37.07 0.03 0.00	36.92 0.04 0.00	47.20 0.37 0.00	70.54 0.96 0.00	88.24 1.00 0.00	85.57 0.95 -2.71	87.51 0.91 -1.49	77.99 0.64 -1.73	70.81 0.50 -0.63	77.91 0.44 -2.73	88.37 0.39 -0.43	71.69 0.48 -0.42
MILLIKEN___DIESEL 23629	45.78 0.02 -5.17	60.20 0.04 -4.28	51.24 0.19 -4.40	49.23 0.34 -3.59	43.04 0.32 -4.95	54.11 0.46 -0.79	73.35 0.81 0.00	83.81 0.82 0.00	78.27 0.72 -0.05	65.73 0.48 0.00	56.60 0.29 0.00	51.87 0.08 0.00	37.07 0.03 0.00	36.92 0.04 0.00	47.20 0.37 0.00	70.54 0.96 0.00	88.24 1.00 0.00	85.57 0.95 -2.71	87.51 0.91 -1.49	77.99 0.64 -1.73	70.81 0.50 -0.63	77.91 0.44 -2.73	88.37 0.39 -0.43	71.69 0.48 -0.42
MILLSEAT___LFGE 323607	37.60 -2.99 0.00	51.82 -4.06 0.00	43.40 -3.26 0.00	42.53 -2.77 0.00	35.58 -2.18 0.00	49.84 -3.01 0.00	68.77 -3.77 0.00	79.22 -3.78 0.00	74.49 -3.01 0.00	63.03 -2.22 0.00	54.84 -1.47 0.00	49.75 -2.04 0.00	35.42 -1.62 0.00	35.42 -1.45 0.00	45.10 -1.74 0.00	65.53 -4.04 0.00	81.21 -6.04 0.00	76.22 -5.69 0.00	78.72 -6.45 -0.05	70.43 -6.10 -0.91	64.23 -5.45 0.00	69.12 -5.62 0.00	81.96 -5.60 0.00	67.06 -3.73 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	59.58 2.05 -16.94	72.57 2.66 -14.03	63.32 2.26 -14.40	59.18 2.12 -11.76	55.85 1.87 -16.22	58.06 2.60 -2.60	76.26 3.72 0.00	87.28 4.28 0.00	81.87 4.21 -0.15	68.42 3.17 0.00	59.43 3.12 0.00	55.02 3.22 0.00	39.39 2.35 0.00	39.06 2.19 0.00	49.69 2.85 0.00	73.48 3.90 0.00	92.32 5.07 0.00	95.83 5.06 -8.86	95.25 5.22 -4.91	86.92 4.71 -6.59	75.85 4.12 -2.05	87.87 4.20 -8.93	93.30 4.34 -1.40	75.62 3.47 -1.36
MILLWOOD_13_KV_LOAD 356217	59.64 2.11 -16.94	72.66 2.75 -14.03	63.39 2.32 -14.40	59.25 2.18 -11.76	55.90 1.92 -16.22	58.13 2.67 -2.60	76.35 3.81 0.00	87.40 4.41 0.00	81.98 4.32 -0.15	68.51 3.26 0.00	59.50 3.19 0.00	55.07 3.28 0.00	39.43 2.40 0.00	39.11 2.24 0.00	49.76 2.92 0.00	73.60 4.03 0.00	92.47 5.22 0.00	95.97 5.19 -8.86	95.39 5.36 -4.91	87.06 4.85 -6.59	75.95 4.22 -2.05	87.98 4.32 -8.93	93.46 4.50 -1.40	75.71 3.56 -1.36
MODEL_CITY_ENERGY 24167	36.10 -4.49 0.00	49.84 -6.04 0.00	41.77 -4.89 0.00	41.01 -4.30 0.00	34.33 -3.43 0.00	48.06 -4.79 0.00	66.30 -6.24 0.00	74.11 -8.89 0.00	69.50 -8.00 0.00	59.22 -6.03 0.00	52.07 -4.25 0.00	47.07 -4.73 0.00	33.64 -3.40 0.00	33.71 -3.16 0.00	42.47 -4.37 0.00	62.94 -6.63 0.00	77.74 -9.50 0.00	72.68 -9.24 0.00	74.97 -10.19 -0.05	67.19 -9.39 -0.96	61.30 -8.38 0.00	66.10 -8.65 0.00	78.74 -8.82 0.00	64.74 -6.05 0.00
MODERN_LFGE___ 323580	36.10 -4.49 0.00	49.84 -6.04 0.00	41.77 -4.89 0.00	41.01 -4.30 0.00	34.33 -3.43 0.00	48.06 -4.79 0.00	66.30 -6.24 0.00	74.11 -8.89 0.00	69.50 -8.00 0.00	59.22 -6.03 0.00	52.07 -4.25 0.00	47.07 -4.73 0.00	33.64 -3.40 0.00	33.71 -3.16 0.00	42.47 -4.37 0.00	62.94 -6.63 0.00	77.74 -9.50 0.00	72.68 -9.24 0.00	74.97 -10.19 -0.05	67.19 -9.39 -0.96	61.30 -8.38 0.00	66.10 -8.65 0.00	78.74 -8.82 0.00	64.74 -6.05 0.00
MOHAWK_PAPER___DRP 24187	161.95 2.01 -119.35	157.50 2.73 -98.89	150.56 2.40 -101.50	130.46 2.31 -82.83	154.05 1.98 -114.31	73.86 2.66 -18.35	76.13 3.59 0.00	87.02 4.02 0.00	82.48 3.88 -1.09	68.33 3.07 0.00	59.08 2.77 0.00	54.44 2.64 0.00	38.89 1.85 0.00	38.66 1.79 0.00	49.24 2.41 0.00	73.02 3.44 0.00	91.70 4.45 0.00	148.64 4.27 -62.45	123.01 4.37 -33.52	105.26 3.94 -25.70	87.67 3.58 -14.40	141.52 3.87 -62.90	101.79 4.34 -9.89	83.91 3.52 -9.60
MOHICAN___35_KV_115KV_LD 80490	225.48 3.49 -181.41	210.97 4.78 -150.30	204.96 4.03 -154.27	175.12 3.91 -125.90	214.85 3.35 -173.74	85.57 4.83 -27.89	79.14 6.59 0.00	90.67 7.67 0.00	86.54 7.38 -1.65	70.82 5.56 0.00	61.01 4.70 0.00	55.98 4.18 0.00	39.95 2.91 0.00	39.78 2.91 0.00	50.69 3.86 0.00	75.47 5.89 0.00	95.17 7.92 0.00	184.93 8.09 -94.92	144.21 8.26 -50.84	119.77 7.27 -36.88	98.26 6.68 -21.89	177.62 7.27 -95.61	110.95 8.36 -15.03	92.10 6.71 -14.60
MONGAUP___HYD 23641	57.58 1.52 -15.47	70.69 1.99 -12.82	61.54 1.72 -13.15	57.66 1.62 -10.74	54.00 1.43 -14.82	57.20 1.97 -2.38	76.78 4.24 0.00	88.24 5.24 0.00	82.61 4.97 -0.14	68.74 3.49 0.00	59.05 2.74 0.00	54.48 2.69 0.00	39.05 2.02 0.00	38.73 1.86 0.00	49.34 2.51 0.00	74.11 4.54 0.00	93.07 5.82 0.00	95.42 5.42 -8.09	95.19 5.59 -4.49	87.08 5.42 -6.05	76.31 4.76 -1.87	87.82 4.92 -8.15	94.09 5.25 -1.28	76.17 4.13 -1.25
MONTAUK___DIESEL 23721	60.58 2.97 -17.02	73.92 3.93 -14.10	64.45 3.31 -14.47	60.50 3.37 -11.81	57.19 3.12 -16.30	60.11 4.63 -2.62	133.76 7.47 -53.74	103.08 9.77 -10.31	92.28 9.44 -5.33	71.65 6.40 0.00	62.36 6.04 0.00	58.13 6.33 0.00	41.75 4.71 0.00	41.53 4.66 0.00	52.66 5.83 0.00	123.63 9.07 -44.98	123.58 11.87 -24.46	167.06 11.25 -73.89	230.74 10.73 -134.90	243.12 10.81 -156.70	243.81 9.05 -165.08	271.79 7.92 -189.13	265.79 9.25 -168.97	181.51 7.68 -103.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.09 -2.49 0.00	52.85 -3.04 0.00	44.31 -2.35 0.00	43.53 -1.78 0.00	36.37 -1.39 0.00	51.04 -1.81 0.00	70.40 -2.15 0.00	79.22 -3.78 0.00	74.00 -3.50 0.00	62.72 -2.53 0.00	54.80 -1.51 0.00	49.66 -2.13 0.00	35.65 -1.39 0.00	35.89 -0.98 0.00	45.12 -1.72 0.00	66.59 -2.99 0.00	82.14 -5.11 0.00	76.94 -4.97 0.00	79.56 -5.61 -0.06	71.42 -5.29 -1.10	65.31 -4.38 0.00	70.27 -4.48 0.00	83.61 -3.95 0.00	68.53 -2.26 0.00

MORRIS_RIDGE___SOLAR 323848	42.57 -2.71 -4.69	56.25 -3.52 -3.88	48.10 -2.55 -3.99	46.48 -2.09 -3.25	40.60 -1.65 -4.49	51.38 -2.20 -0.72	69.69 -2.86 0.00	78.90 -4.10 0.00	73.86 -3.69 -0.04	62.23 -3.03 0.00	54.01 -2.31 0.00	48.74 -3.06 0.00	34.79 -2.25 0.00	35.07 -1.80 0.00	44.75 -2.09 0.00	66.27 -3.31 0.00	81.75 -5.50 0.00	78.64 -5.73 -2.45	80.38 -6.08 -1.35	71.59 -5.63 -1.61	64.82 -5.43 -0.56	71.63 -5.59 -2.47	82.48 -5.47 -0.39	67.94 -3.23 -0.38
MORTIMER_115KV_TB3 55949	38.29 -2.30 0.00	52.71 -3.18 0.00	44.12 -2.55 0.00	43.08 -2.23 0.00	35.98 -1.78 0.00	50.38 -2.47 0.00	69.39 -3.15 0.00	78.69 -4.31 0.00	73.63 -3.87 0.00	62.34 -2.92 0.00	54.20 -2.11 0.00	49.39 -2.41 0.00	35.31 -1.73 0.00	35.31 -1.56 0.00	44.76 -2.07 0.00	66.54 -3.04 0.00	83.07 -4.17 0.00	77.92 -3.99 0.00	80.66 -4.50 -0.04	72.13 -4.27 -0.79	65.78 -3.91 0.00	70.73 -4.01 0.00	83.42 -4.14 0.00	67.78 -3.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	59.89 2.27 -17.03	72.90 2.91 -14.11	63.60 2.45 -14.48	59.43 2.30 -11.82	56.10 2.03 -16.31	58.30 2.83 -2.62	76.57 4.02 0.00	87.69 4.69 0.00	82.28 4.62 -0.15	68.79 3.54 0.00	59.83 3.51 0.00	55.46 3.66 0.00	39.72 2.68 0.00	39.36 2.49 0.00	50.06 3.23 0.00	73.96 4.38 0.00	92.91 5.66 0.00	96.44 5.62 -8.91	95.83 5.78 -4.94	87.47 5.22 -6.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.76 4.79 -1.41	76.00 3.84 -1.37
MUNSVILLE_WIND_PWR 323609	54.88 2.50 -11.79	69.39 3.74 -9.77	60.27 3.59 -10.02	57.19 3.70 -8.18	52.11 3.06 -11.29	59.24 4.57 -1.81	79.62 7.08 0.00	91.53 8.53 0.00	85.74 8.13 -0.11	71.83 6.58 0.00	61.69 5.37 0.00	56.18 4.39 0.00	39.93 2.90 0.00	39.97 3.09 0.00	50.98 4.15 0.00	76.95 7.37 0.00	96.43 9.18 0.00	96.07 7.99 -6.17	95.84 7.36 -3.36	85.59 6.53 -3.44	77.35 6.25 -1.42	86.53 5.58 -6.21	94.21 5.67 -0.98	76.75 5.01 -0.95
N SALMON___HYD 24042	41.57 0.98 0.00	57.45 1.57 0.00	47.84 1.17 0.00	46.38 1.07 0.00	38.36 0.59 0.00	53.67 0.81 0.00	73.30 0.76 0.00	84.53 1.53 0.00	79.23 1.72 0.00	67.16 1.90 0.00	57.40 1.09 0.00	52.57 0.77 0.00	37.56 0.52 0.00	37.42 0.56 0.00	47.51 0.67 0.00	71.09 1.52 0.00	89.26 2.01 0.00	83.31 1.40 0.00	86.70 1.58 0.00	76.93 1.32 0.00	71.03 1.35 0.00	76.48 1.74 0.00	90.19 2.63 0.00	72.86 2.06 0.00
N.AKRON__115KV_KNAPP 355671	37.22 -3.37 0.00	51.36 -4.53 0.00	43.05 -3.62 0.00	42.21 -3.11 0.00	35.29 -2.47 0.00	49.48 -3.38 0.00	68.25 -4.30 0.00	76.91 -6.09 0.00	72.12 -5.39 0.00	61.28 -3.98 0.00	53.58 -2.74 0.00	48.51 -3.29 0.00	34.61 -2.43 0.00	34.67 -2.97 0.00	43.87 -4.66 0.00	64.91 -6.77 0.00	80.47 -6.54 0.00	75.38 -6.54 0.00	77.78 -7.38 -0.05	69.64 -6.89 -0.93	63.55 -6.13 0.00	68.42 -6.31 0.00	81.25 -6.30 0.00	66.56 -4.23 0.00
N.BELMOR_69_KV_BK1 55787	60.53 2.92 -17.02	73.83 3.83 -14.10	64.30 3.16 -14.47	60.10 2.97 -11.81	56.67 2.61 -16.30	59.24 3.78 -2.62	131.60 5.32 -53.74	88.96 5.96 0.00	83.40 5.73 -0.15	69.24 3.99 0.00	60.31 4.00 0.00	55.99 4.19 0.00	40.02 2.98 0.00	39.68 2.81 0.00	50.41 3.58 0.00	74.76 5.19 0.00	93.91 6.66 0.00	98.07 6.68 -9.47	102.71 6.95 -10.64	141.16 6.32 -59.22	159.48 5.59 -84.21	91.95 5.62 -11.59	95.08 6.11 -1.41	76.82 4.65 -1.37
N.E_GEN_SANDY PD 24062	104.62 2.18 -61.85	100.28 2.96 -41.44	93.34 2.54 -44.14	85.10 2.42 -37.37	91.04 2.09 -51.18	73.80 2.84 -18.10	78.79 3.91 -2.33	102.69 4.44 -15.25	103.96 4.28 -22.17	70.98 3.31 -2.42	78.01 3.13 -18.57	67.05 3.08 -12.17	57.35 2.22 -18.10	50.17 2.08 -11.22	67.56 2.76 -17.96	92.11 3.85 -18.68	97.35 4.94 -5.16	110.83 4.82 -24.09	103.12 4.96 -13.04	92.40 4.54 -12.24	83.17 4.04 -9.45	103.40 4.25 -24.41	103.14 4.63 -10.95	86.91 3.74 -12.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	58.79 1.83 -16.37	71.81 2.37 -13.56	62.59 2.00 -13.92	58.54 1.87 -11.36	55.11 1.67 -15.68	57.67 2.30 -2.52	75.84 3.29 0.00	86.82 3.82 0.00	81.42 3.76 -0.15	68.05 2.79 0.00	59.10 2.79 0.00	54.68 2.89 0.00	39.15 2.11 0.00	38.83 1.96 0.00	49.40 2.57 0.00	73.04 3.47 0.00	91.80 4.55 0.00	95.05 4.57 -8.56	94.56 4.70 -4.74	86.26 4.25 -6.39	75.35 3.69 -1.98	87.13 3.76 -8.63	92.75 3.84 -1.36	75.18 3.07 -1.32
N.QUEENS_27_KV_LOAD 356247	59.97 2.36 -17.03	72.95 2.96 -14.11	63.71 2.57 -14.48	59.53 2.40 -11.82	56.20 2.12 -16.31	58.40 2.93 -2.62	76.75 4.21 0.00	87.93 4.93 0.00	82.51 4.85 -0.15	69.03 3.78 0.00	60.04 3.73 0.00	55.84 4.04 0.00	39.93 2.89 0.00	39.56 2.69 0.00	50.36 3.52 0.00	74.27 4.70 0.00	93.44 6.20 0.00	96.90 6.08 -8.91	96.34 6.28 -4.94	87.93 5.68 -6.63	76.69 4.95 -2.06	88.83 5.12 -8.98	94.21 5.24 -1.41	76.32 4.16 -1.37
N.TROY___115KV_TB1 355778	191.58 2.23 -148.77	182.21 3.06 -123.26	175.81 2.63 -126.51	151.09 2.53 -103.24	182.42 2.18 -142.48	78.69 2.97 -22.87	76.55 4.00 0.00	87.51 4.51 0.00	83.20 4.34 -1.36	68.63 3.37 0.00	59.34 3.03 0.00	54.64 2.84 0.00	39.03 1.99 0.00	38.80 1.93 0.00	49.42 2.59 0.00	73.37 3.79 0.00	92.14 4.89 0.00	164.57 4.81 -77.84	131.77 4.93 -41.73	111.04 4.43 -30.99	91.65 4.01 -17.95	157.47 4.32 -78.40	104.74 4.85 -12.33	86.67 3.91 -11.97
NARROWS_GT1_1 24228	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT1_2 24229	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT1_3 24230	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT1_4 24231	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37

NARROWS_GT1_5 24232	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT1_6 24233	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT1_7 24234	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT1_8 24235	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_1 24236	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_2 24237	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_3 24238	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_4 24239	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_5 24240	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_6 24241	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_7 24242	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NARROWS_GT2_8 24243	60.12 2.51 -17.03	73.19 3.20 -14.11	63.85 2.71 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.76 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.24 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.68 3.04 -16.60	56.76 2.90 -16.99	60.13 3.73 -9.57	81.14 4.93 -6.64	93.64 6.40 0.00	140.21 6.34 -51.95	192.45 6.58 -100.76	205.06 5.93 -123.51	76.90 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.28 -1.37
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	109.98 3.11 -66.27	115.03 4.24 -54.91	106.74 3.71 -56.35	94.92 3.61 -45.99	104.29 3.05 -63.47	67.28 4.24 -10.19	78.17 5.62 0.00	89.40 6.40 0.00	84.11 6.00 -0.60	69.85 4.60 0.00	60.06 3.75 0.00	55.13 3.33 0.00	39.20 2.17 0.00	39.00 2.13 0.00	50.11 3.27 0.00	74.13 4.55 0.00	93.96 6.71 0.00	123.13 6.54 -34.67	110.60 6.79 -18.70	97.54 5.93 -15.99	83.08 5.40 -8.00	115.33 5.66 -34.93	99.72 6.67 -5.49	81.71 5.59 -5.33
NCHELSEA_115KV_TR2 355582	60.74 2.49 -17.66	73.79 3.28 -14.63	64.47 2.79 -15.02	60.22 2.66 -12.26	56.98 2.30 -16.91	58.78 3.21 -2.71	77.08 4.54 0.00	88.26 5.26 0.00	82.77 5.10 -0.16	69.19 3.93 0.00	60.02 3.70 0.00	55.49 3.70 0.00	39.71 2.67 0.00	39.41 2.54 0.00	50.18 3.34 0.00	74.37 4.79 0.00	93.43 6.19 0.00	97.21 6.09 -9.21	96.50 6.28 -5.11	87.99 5.63 -6.75	76.75 4.94 -2.13	89.13 5.08 -9.31	94.45 5.43 -1.46	76.51 4.29 -1.42
NEG CAPITAL___MECHNVIL 23645	214.84 2.84 -171.42	201.78 3.88 -142.02	195.75 3.32 -145.77	167.46 3.18 -118.97	204.66 2.73 -164.17	83.02 3.82 -26.35	77.75 5.20 0.00	89.00 5.99 0.00	84.84 5.78 -1.56	69.75 4.50 0.00	60.20 3.89 0.00	55.34 3.54 0.00	39.49 2.45 0.00	39.32 2.45 0.00	50.09 3.25 0.00	74.48 4.90 0.00	93.71 6.47 0.00	178.04 6.43 -89.69	139.72 6.56 -48.05	116.52 5.83 -35.08	95.64 5.26 -20.69	170.71 5.62 -90.34	108.09 6.33 -14.21	89.69 5.11 -13.79

NEG CENTRAL_HIGH_ACRES 23767	37.98 -2.61 0.00	52.28 -3.61 0.00	43.75 -2.91 0.00	42.68 -2.63 0.00	35.64 -2.13 0.00	49.89 -2.96 0.00	68.70 -3.84 0.00	77.99 -5.01 0.00	72.99 -4.52 0.00	61.69 -3.56 0.00	53.58 -2.74 0.00	48.85 -2.95 0.00	34.94 -2.10 0.00	34.95 -1.93 0.00	44.34 -2.49 0.00	65.96 -3.62 0.00	82.40 -4.85 0.00	77.35 -4.57 0.00	80.08 -5.08 -0.04	71.63 -4.74 -0.75	65.29 -4.39 0.00	70.16 -4.58 0.00	82.58 -4.97 0.00	67.02 -3.77 0.00
NEG CENTRAL___DRP 24199	39.91 -0.68 0.00	54.95 -0.94 0.00	46.06 -0.60 0.00	44.94 -0.38 0.00	37.66 -0.10 0.00	52.56 -0.29 0.00	72.28 -0.27 0.00	82.41 -0.59 0.00	77.05 -0.45 0.00	64.71 -0.55 0.00	55.81 -0.51 0.00	50.97 -0.82 0.00	36.62 -0.42 0.00	36.49 -0.38 0.00	46.69 -0.14 0.00	69.57 -0.01 0.00	86.54 -0.71 0.00	81.31 -0.61 0.00	84.48 -0.68 -0.05	75.77 -0.80 -0.96	68.73 -0.95 0.00	73.61 -1.13 0.00	86.41 -1.15 0.00	70.17 -0.62 0.00
NEG CENTRAL___INDECK 23768	38.46 -2.13 0.00	53.04 -2.84 0.00	44.53 -2.14 0.00	43.55 -1.76 0.00	36.42 -1.35 0.00	51.08 -1.77 0.00	70.40 -2.14 0.00	79.93 -3.07 0.00	74.79 -2.71 0.00	62.94 -2.32 0.00	54.27 -2.05 0.00	49.01 -2.79 0.00	34.84 -2.20 0.00	35.07 -1.80 0.00	44.99 -1.84 0.00	66.76 -2.81 0.00	83.12 -4.13 0.00	78.16 -3.75 0.00	81.11 -4.06 -0.06	72.91 -3.83 -1.12	65.83 -3.85 0.00	70.63 -4.12 0.00	83.38 -4.18 0.00	68.20 -2.60 0.00
NEG CENTRAL___SENECA 23627	43.83 -0.49 -3.72	58.64 -0.70 -3.44	49.84 -0.36 -3.53	48.10 -0.10 -2.89	41.96 0.22 -3.98	53.53 0.04 -0.64	72.72 0.17 0.00	82.90 -0.11 0.00	77.65 0.11 -0.04	65.09 -0.17 0.00	56.09 -0.22 0.00	51.09 -0.71 0.00	36.80 -0.24 0.00	36.67 -0.20 0.00	47.02 0.18 0.00	70.12 0.54 0.00	86.86 -0.38 0.00	83.73 -0.36 0.00	85.90 -0.41 -1.20	76.49 -0.57 -1.43	69.35 -0.84 -0.50	75.91 -1.02 -2.19	86.96 -0.94 -0.34	70.77 -0.36 -0.33
NEG CENTRAL___STATE_STREET 24147	39.85 -0.74 0.00	54.85 -1.03 0.00	45.93 -0.73 0.00	44.84 -0.47 0.00	37.46 -0.30 0.00	52.44 -0.41 0.00	72.09 -0.45 0.00	82.28 -0.73 0.00	76.65 -0.86 0.00	64.58 -0.68 0.00	55.64 -0.67 0.00	51.11 -0.69 0.00	36.49 -0.55 0.00	36.47 -0.40 0.00	46.52 -0.31 0.00	69.33 -0.24 0.00	86.62 -0.63 0.00	81.29 -0.63 0.00	84.51 -0.65 -0.04	75.63 -0.84 -0.86	68.78 -0.90 0.00	73.77 -0.97 0.00	86.59 -0.97 0.00	70.22 -0.57 0.00
NEG MILLWOOD___DRP 24198	60.85 2.70 -17.56	73.99 3.55 -14.55	64.60 3.00 -14.94	60.36 2.86 -12.19	57.06 2.48 -16.82	59.02 3.47 -2.70	77.47 4.93 0.00	88.75 5.74 0.00	83.23 5.56 -0.16	69.63 4.38 0.00	60.44 4.13 0.00	55.89 4.09 0.00	39.99 2.95 0.00	39.66 2.79 0.00	50.50 3.66 0.00	74.78 5.20 0.00	94.01 6.77 0.00	97.76 6.67 -9.17	96.99 6.79 -5.09	88.46 6.08 -6.76	77.14 5.34 -2.12	89.50 5.50 -9.26	94.88 5.87 -1.46	76.83 4.62 -1.41
NEG NORTH_FLCN_SEA 23793	41.32 0.73 0.00	57.13 1.24 0.00	47.67 1.01 0.00	46.24 0.92 0.00	38.19 0.43 0.00	53.14 0.28 0.00	71.96 -0.58 0.00	82.79 -0.21 0.00	77.65 0.15 0.00	65.88 0.62 0.00	56.62 0.31 0.00	51.90 0.10 0.00	37.11 0.07 0.00	36.97 0.10 0.00	47.11 0.27 0.00	70.35 0.77 0.00	88.54 1.30 0.00	82.67 0.76 0.00	85.93 0.82 0.00	76.25 0.64 0.00	70.27 0.59 0.00	75.41 0.67 0.00	88.87 1.31 0.00	72.24 1.45 0.00
NEG NORTH_KES_CHATEGAY 23792	40.83 0.24 0.00	56.48 0.60 0.00	47.06 0.40 0.00	45.61 0.30 0.00	37.66 -0.10 0.00	52.65 -0.20 0.00	71.64 -0.91 0.00	82.58 -0.42 0.00	77.47 -0.03 0.00	65.70 0.45 0.00	56.18 -0.13 0.00	51.55 -0.24 0.00	36.86 -0.18 0.00	36.78 -0.08 0.00	46.71 -0.12 0.00	69.72 0.14 0.00	87.74 0.50 0.00	82.08 0.16 0.00	85.30 0.18 0.00	75.73 0.12 0.00	69.88 0.19 0.00	75.06 0.32 0.00	88.47 0.91 0.00	71.57 0.77 0.00
NEG NORTH___ALICE_FALLS 23915	41.47 0.88 0.00	57.34 1.45 0.00	47.83 1.17 0.00	46.37 1.06 0.00	38.33 0.57 0.00	53.45 0.60 0.00	72.54 0.00 0.00	83.53 0.53 0.00	78.35 0.84 0.00	66.38 1.12 0.00	56.96 0.64 0.00	52.16 0.36 0.00	37.29 0.25 0.00	37.15 0.29 0.00	47.34 0.50 0.00	70.73 1.15 0.00	89.05 1.81 0.00	83.24 1.33 0.00	86.65 1.53 0.00	76.79 1.18 0.00	70.78 1.10 0.00	75.96 1.22 0.00	89.51 1.95 0.00	72.57 1.78 0.00
NEG NORTH___LWR_SARANAC 23913	41.47 0.88 0.00	57.34 1.45 0.00	47.83 1.17 0.00	46.37 1.06 0.00	38.33 0.57 0.00	53.45 0.60 0.00	72.54 0.00 0.00	83.53 0.53 0.00	78.35 0.84 0.00	66.38 1.12 0.00	56.96 0.64 0.00	52.16 0.36 0.00	37.29 0.25 0.00	37.15 0.29 0.00	47.34 0.50 0.00	70.73 1.15 0.00	89.05 1.81 0.00	83.24 1.33 0.00	86.65 1.53 0.00	76.79 1.18 0.00	70.78 1.10 0.00	75.96 1.22 0.00	89.51 1.95 0.00	72.57 1.78 0.00
NEG NORTH___PLATTSBURG 23628	41.47 0.88 0.00	57.34 1.45 0.00	47.83 1.17 0.00	46.37 1.06 0.00	38.33 0.57 0.00	53.45 0.60 0.00	72.54 0.00 0.00	83.53 0.53 0.00	78.34 0.84 0.00	66.38 1.13 0.00	56.96 0.64 0.00	52.16 0.36 0.00	37.29 0.25 0.00	37.16 0.29 0.00	47.34 0.50 0.00	70.73 1.15 0.00	89.05 1.81 0.00	83.24 1.33 0.00	86.65 1.53 0.00	76.79 1.18 0.00	70.78 1.09 0.00	75.96 1.22 0.00	89.51 1.95 0.00	72.57 1.78 0.00
NEG WEST_LEA_LOCKPORT 23791	36.30 -4.29 0.00	50.10 -5.79 0.00	42.01 -4.66 0.00	41.24 -4.07 0.00	34.48 -3.28 0.00	48.30 -4.56 0.00	66.61 -5.93 0.00	74.58 -8.42 0.00	69.92 -7.58 0.00	59.56 -5.70 0.00	52.25 -4.06 0.00	47.23 -4.57 0.00	33.76 -3.28 0.00	33.86 -3.01 0.00	42.66 -4.17 0.00	63.26 -6.31 0.00	78.32 -8.93 0.00	73.21 -8.70 0.00	75.52 -9.65 -0.05	67.67 -8.90 -0.95	61.74 -7.94 0.00	66.59 -8.16 0.00	79.26 -8.29 0.00	65.06 -5.73 0.00
NEG WEST___LANCASTER 23811	37.69 -2.89 0.00	51.97 -3.91 0.00	43.58 -3.09 0.00	42.70 -2.61 0.00	35.62 -2.14 0.00	49.94 -2.92 0.00	68.66 -3.89 0.00	77.35 -5.65 0.00	72.52 -4.99 0.00	61.53 -3.72 0.00	53.78 -2.54 0.00	48.81 -2.99 0.00	34.95 -2.09 0.00	35.08 -1.79 0.00	44.33 -2.51 0.00	65.73 -3.85 0.00	81.48 -5.77 0.00	76.05 -5.87 0.00	78.63 -6.54 -0.06	70.59 -6.13 -1.11	64.12 -5.56 0.00	69.16 -5.58 0.00	82.09 -5.46 0.00	67.13 -3.67 0.00
NEG_PENN_ALLEGHNY 23528	48.15 -0.37 -7.94	61.99 -0.47 -6.58	53.18 -0.23 -6.75	50.70 -0.12 -5.51	45.25 -0.11 -7.60	53.95 -0.12 -1.22	72.41 -0.13 0.00	82.57 -0.44 0.00	77.36 -0.21 -0.07	65.00 -0.25 0.00	56.23 -0.08 0.00	51.59 -0.21 0.00	36.91 -0.13 0.00	36.87 0.00 0.00	46.94 0.11 0.00	69.82 0.24 0.00	87.02 -0.23 0.00	85.77 -0.30 -4.15	87.00 -0.39 -2.28	77.81 -0.50 -2.69	70.12 -0.52 -0.96	78.35 -0.57 -4.18	87.46 -0.76 -0.66	71.02 -0.41 -0.64
NEG___GEN_MONROE 24207	38.45 -2.14 0.00	52.93 -2.95 0.00	44.31 -2.35 0.00	43.30 -2.01 0.00	36.17 -1.60 0.00	50.67 -2.18 0.00	69.84 -2.71 0.00	79.33 -3.67 0.00	74.19 -3.32 0.00	62.74 -2.51 0.00	54.52 -1.79 0.00	49.65 -2.15 0.00	35.44 -1.60 0.00	35.42 -1.45 0.00	45.01 -1.82 0.00	66.80 -2.78 0.00	83.42 -3.83 0.00	78.28 -3.64 0.00	81.00 -4.16 -0.04	72.44 -3.97 -0.79	66.06 -3.62 0.00	71.03 -3.72 0.00	83.80 -3.76 0.00	68.15 -2.65 0.00

NEPA__ENERGY 23901	37.46 -3.13 0.00	51.79 -4.09 0.00	43.44 -3.22 0.00	42.67 -2.64 0.00	35.65 -2.12 0.00	49.96 -2.89 0.00	68.88 -3.66 0.00	77.44 -5.56 0.00	72.41 -5.09 0.00	61.51 -3.74 0.00	53.82 -2.49 0.00	48.66 -3.14 0.00	34.84 -2.20 0.00	35.04 -1.83 0.00	44.19 -2.64 0.00	65.37 -4.21 0.00	80.84 -6.41 0.00	75.59 -6.33 0.00	78.12 -7.04 -0.05	70.10 -6.57 -1.05	63.97 -5.71 0.00	68.91 -5.83 0.00	81.98 -5.58 0.00	67.21 -3.59 0.00
NEVERSink__HYD 23608	60.51 1.74 -18.17	73.15 2.21 -15.05	64.02 1.90 -15.45	59.72 1.79 -12.61	56.74 1.57 -17.40	57.87 2.23 -2.79	75.70 3.16 0.00	86.71 3.71 0.00	81.26 3.59 -0.17	67.84 2.59 0.00	58.72 2.41 0.00	54.28 2.48 0.00	38.78 1.74 0.00	38.52 1.65 0.00	49.12 2.29 0.00	72.97 3.39 0.00	91.71 4.47 0.00	95.94 4.53 -9.49	94.95 4.60 -5.24	86.27 4.14 -6.51	75.45 3.57 -2.19	87.93 3.61 -9.58	92.74 3.68 -1.51	75.09 2.84 -1.46
NEWKRMKL_115KV_TB1 55635	151.35 1.71 -109.05	148.54 2.30 -90.35	141.49 2.10 -92.74	123.01 2.01 -75.69	143.94 1.73 -104.45	71.93 2.31 -16.76	75.63 3.08 0.00	86.40 3.40 0.00	81.79 3.29 -0.99	67.87 2.61 0.00	58.69 2.38 0.00	54.09 2.30 0.00	38.66 1.62 0.00	38.42 1.55 0.00	48.94 2.11 0.00	72.52 2.94 0.00	91.01 3.77 0.00	142.51 3.54 -57.06	119.37 3.60 -30.65	102.70 3.23 -23.85	85.84 3.00 -13.16	135.50 3.28 -57.47	100.29 3.70 -9.04	82.60 3.03 -8.77
NEWTON__FALLS_HYD 23847	41.00 0.41 0.00	56.51 0.62 0.00	47.23 0.56 0.00	45.79 0.48 0.00	38.08 0.32 0.00	53.29 0.44 0.00	73.56 1.02 0.00	84.92 1.92 0.00	79.38 1.87 0.00	66.94 1.68 0.00	57.34 1.03 0.00	52.45 0.65 0.00	37.46 0.42 0.00	37.29 0.42 0.00	47.25 0.42 0.00	71.00 1.43 0.00	88.92 1.67 0.00	82.50 0.59 0.00	85.96 0.85 0.00	76.29 0.67 0.00	70.49 0.81 0.00	75.98 1.24 0.00	89.53 1.97 0.00	72.32 1.53 0.00
NGRID_A1_DSASP 323792	35.79 -4.79 0.00	49.36 -6.53 0.00	41.37 -5.30 0.00	40.61 -4.70 0.00	33.94 -3.82 0.00	47.47 -5.38 0.00	65.47 -7.08 0.00	73.39 -9.61 0.00	68.80 -8.71 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.37 -3.50 0.00	41.98 -4.85 0.00	62.32 -7.26 0.00	77.36 -9.88 0.00	72.28 -9.64 0.00	74.53 -10.63 -0.05	66.77 -9.81 -0.97	60.92 -8.77 0.00	65.74 -9.00 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
NGRID_A2_DSASP 323793	35.79 -4.79 0.00	49.36 -6.53 0.00	41.37 -5.30 0.00	40.61 -4.70 0.00	33.94 -3.82 0.00	47.47 -5.38 0.00	65.47 -7.08 0.00	73.39 -9.61 0.00	68.80 -8.71 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.37 -3.50 0.00	41.98 -4.85 0.00	62.32 -7.26 0.00	77.36 -9.88 0.00	72.28 -9.64 0.00	74.53 -10.63 -0.05	66.77 -9.81 -0.97	60.92 -8.77 0.00	65.74 -9.00 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
NGRID_A4_DSASP 323807	35.79 -4.79 0.00	49.36 -6.53 0.00	41.37 -5.30 0.00	40.61 -4.70 0.00	33.94 -3.82 0.00	47.47 -5.38 0.00	65.47 -7.08 0.00	73.39 -9.61 0.00	68.80 -8.71 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.37 -3.50 0.00	41.98 -4.85 0.00	62.32 -7.26 0.00	77.36 -9.88 0.00	72.28 -9.64 0.00	74.53 -10.63 -0.05	66.77 -9.81 -0.97	60.92 -8.77 0.00	65.74 -9.00 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
NIAGARA_115E_LBMP 323715	35.89 -4.70 0.00	49.58 -6.31 0.00	41.56 -5.10 0.00	40.81 -4.50 0.00	34.16 -3.60 0.00	47.84 -5.01 0.00	65.97 -6.57 0.00	73.69 -9.32 0.00	69.11 -8.40 0.00	58.92 -6.33 0.00	51.85 -4.46 0.00	46.87 -4.93 0.00	33.51 -3.52 0.00	33.58 -3.29 0.00	42.27 -4.56 0.00	62.62 -6.96 0.00	77.21 -10.04 0.00	72.18 -9.74 0.00	74.45 -10.72 -0.05	66.72 -9.87 -0.97	60.90 -8.79 0.00	65.66 -9.08 0.00	78.29 -9.26 0.00	64.44 -6.35 0.00
NIAGARA_115W_LBMP 323714	35.73 -4.86 0.00	49.27 -6.61 0.00	41.29 -5.37 0.00	40.55 -4.76 0.00	33.87 -3.89 0.00	47.41 -5.45 0.00	65.37 -7.18 0.00	73.27 -9.73 0.00	68.68 -8.82 0.00	58.58 -6.67 0.00	51.50 -4.82 0.00	46.50 -5.30 0.00	33.26 -3.79 0.00	33.31 -3.56 0.00	41.91 -4.92 0.00	62.21 -7.36 0.00	77.21 -10.03 0.00	72.15 -9.77 0.00	74.41 -10.76 -0.05	66.68 -9.90 -0.97	60.82 -8.87 0.00	65.62 -9.12 0.00	78.20 -9.36 0.00	64.02 -6.77 0.00
NIAGARA_230_LBMP 323716	36.17 -4.41 0.00	49.87 -6.02 0.00	41.79 -4.87 0.00	41.01 -4.31 0.00	34.25 -3.51 0.00	47.95 -4.90 0.00	66.08 -6.46 0.00	74.15 -8.85 0.00	69.49 -8.01 0.00	59.22 -6.03 0.00	51.99 -4.33 0.00	47.01 -4.79 0.00	33.62 -3.42 0.00	33.68 -3.19 0.00	42.42 -4.42 0.00	62.96 -6.62 0.00	78.13 -9.12 0.00	73.01 -8.91 0.00	75.33 -9.83 -0.05	67.50 -9.07 -0.96	61.54 -8.14 0.00	66.41 -8.33 0.00	79.08 -8.47 0.00	64.74 -6.06 0.00
NIAGARA__115KV_198_GIBSON 55903	35.69 -4.90 0.00	49.25 -6.64 0.00	41.28 -5.38 0.00	40.54 -4.77 0.00	33.86 -3.90 0.00	47.40 -5.45 0.00	65.36 -7.18 0.00	73.27 -9.74 0.00	68.70 -8.80 0.00	58.59 -6.66 0.00	51.50 -4.82 0.00	46.51 -5.29 0.00	33.26 -3.79 0.00	33.30 -3.57 0.00	41.90 -4.93 0.00	62.21 -7.37 0.00	77.23 -10.01 0.00	72.13 -9.79 0.00	74.35 -10.82 -0.05	66.64 -9.95 -0.97	60.80 -8.88 0.00	65.61 -9.13 0.00	78.21 -9.34 0.00	64.03 -6.76 0.00
NIAGARA____ 23760	36.17 -4.41 0.00	49.87 -6.02 0.00	41.79 -4.87 0.00	41.01 -4.31 0.00	34.25 -3.51 0.00	47.95 -4.90 0.00	66.08 -6.46 0.00	74.15 -8.85 0.00	69.49 -8.01 0.00	59.22 -6.03 0.00	51.99 -4.33 0.00	47.01 -4.79 0.00	33.62 -3.42 0.00	33.68 -3.19 0.00	42.42 -4.42 0.00	62.96 -6.62 0.00	78.13 -9.12 0.00	73.01 -8.91 0.00	75.33 -9.83 -0.05	67.51 -9.07 -0.96	61.54 -8.14 0.00	66.41 -8.33 0.00	79.08 -8.47 0.00	64.74 -6.06 0.00
NINE_MILE_1 23575	38.69 -1.89 0.00	53.25 -2.64 0.00	44.53 -2.13 0.00	43.30 -2.01 0.00	36.13 -1.63 0.00	50.54 -2.31 0.00	69.44 -3.10 0.00	79.32 -3.68 0.00	74.10 -3.41 0.00	62.41 -2.85 0.00	53.94 -2.37 0.00	49.53 -2.26 0.00	35.45 -1.58 0.00	35.35 -1.52 0.00	44.88 -1.95 0.00	66.69 -2.89 0.00	83.52 -3.72 0.00	78.47 -3.44 0.00	81.49 -3.63 0.00	72.31 -3.31 0.00	66.61 -3.07 0.00	71.48 -3.26 0.00	83.74 -3.81 0.00	67.79 -3.01 0.00
NINE_MILE_2 23744	38.69 -1.89 0.00	53.25 -2.64 0.00	44.54 -2.12 0.00	43.30 -2.01 0.00	36.14 -1.62 0.00	50.54 -2.31 0.00	69.44 -3.10 0.00	79.33 -3.68 0.00	74.11 -3.40 0.00	62.41 -2.84 0.00	53.95 -2.36 0.00	49.54 -2.26 0.00	35.45 -1.58 0.00	35.35 -1.52 0.00	44.89 -1.95 0.00	66.69 -2.89 0.00	83.53 -3.71 0.00	78.47 -3.44 0.00	81.49 -3.62 0.00	72.31 -3.30 0.00	66.61 -3.07 0.00	71.48 -3.26 0.00	83.76 -3.80 0.00	67.79 -3.01 0.00
NM_CAPITAL__DRP 24208	149.58 1.76 -107.23	147.12 2.40 -88.84	140.00 2.15 -91.19	121.79 2.07 -74.42	142.24 1.78 -102.70	71.70 2.36 -16.48	75.72 3.17 0.00	86.51 3.51 0.00	81.88 3.40 -0.98	67.92 2.67 0.00	58.76 2.45 0.00	54.16 2.36 0.00	38.72 1.68 0.00	38.47 1.60 0.00	48.99 2.16 0.00	72.58 3.00 0.00	91.09 3.84 0.00	141.68 3.65 -56.11	118.96 3.71 -30.14	102.49 3.36 -23.52	85.72 3.09 -12.94	134.63 3.37 -56.51	100.23 3.79 -8.89	82.51 3.10 -8.63

NM_CENTRAL___DRP 24181	39.26 -1.32 0.00	54.04 -1.85 0.00	45.22 -1.44 0.00	43.99 -1.32 0.00	36.72 -1.05 0.00	51.35 -1.50 0.00	70.61 -1.94 0.00	80.61 -2.39 0.00	75.36 -2.14 0.00	63.45 -1.81 0.00	54.91 -1.40 0.00	50.37 -1.43 0.00	36.04 -1.00 0.00	35.95 -0.92 0.00	45.67 -1.16 0.00	67.90 -1.68 0.00	84.97 -2.27 0.00	79.92 -1.99 0.00	82.94 -2.17 0.00	73.60 -2.02 0.00	67.77 -1.91 0.00	72.70 -2.04 0.00	85.11 -2.44 0.00	68.90 -1.89 0.00
NM_FRONTIER___DRP 24179	35.69 -4.90 0.00	49.25 -6.64 0.00	41.28 -5.38 0.00	40.54 -4.77 0.00	33.86 -3.90 0.00	47.40 -5.45 0.00	65.36 -7.18 0.00	73.27 -9.74 0.00	68.70 -8.80 0.00	58.59 -6.66 0.00	51.50 -4.82 0.00	46.51 -5.29 0.00	33.26 -3.79 0.00	33.30 -3.57 0.00	41.90 -4.93 0.00	62.21 -7.37 0.00	77.23 -10.01 0.00	72.13 -9.79 0.00	74.35 -10.82 -0.05	66.64 -9.95 -0.97	60.80 -8.88 0.00	65.61 -9.13 0.00	78.21 -9.34 0.00	64.03 -6.76 0.00
NM_ST_REGIS___HYD 24053	41.30 0.71 0.00	57.00 1.12 0.00	47.42 0.76 0.00	45.98 0.67 0.00	38.13 0.37 0.00	53.44 0.58 0.00	73.23 0.69 0.00	84.33 1.33 0.00	78.74 1.23 0.00	66.62 1.37 0.00	56.92 0.60 0.00	52.09 0.29 0.00	37.18 0.14 0.00	37.04 0.17 0.00	46.94 0.10 0.00	70.38 0.81 0.00	88.06 0.82 0.00	81.68 -0.23 0.00	84.99 -0.13 0.00	75.48 -0.14 0.00	69.94 0.26 0.00	75.63 0.89 0.00	89.38 1.82 0.00	72.20 1.41 0.00
NORTHPORT___1 23551	60.85 3.24 -17.02	74.22 4.23 -14.10	64.66 3.52 -14.47	60.44 3.32 -11.81	56.97 2.90 -16.30	59.60 4.13 -2.62	132.13 5.84 -53.74	89.52 6.52 0.00	83.75 6.08 -0.15	69.23 3.98 0.00	60.36 4.05 0.00	56.03 4.23 0.00	40.13 3.09 0.00	39.74 2.87 0.00	50.38 3.55 0.00	74.88 5.30 0.00	94.34 7.09 0.00	98.44 7.05 -9.47	103.15 7.39 -10.64	141.70 6.86 -59.22	160.00 6.11 -84.21	92.31 5.98 -11.59	95.49 6.52 -1.41	77.41 5.25 -1.37
NORTHPORT___2 23552	60.85 3.24 -17.02	74.22 4.23 -14.10	64.66 3.52 -14.47	60.44 3.32 -11.81	56.97 2.90 -16.30	59.60 4.13 -2.62	132.13 5.84 -53.74	89.52 6.52 0.00	83.75 6.08 -0.15	69.23 3.98 0.00	60.36 4.05 0.00	56.03 4.23 0.00	40.13 3.09 0.00	39.74 2.87 0.00	50.38 3.55 0.00	74.88 5.30 0.00	94.34 7.09 0.00	98.44 7.05 -9.47	103.15 7.39 -10.64	141.70 6.86 -59.22	160.00 6.11 -84.21	92.31 5.98 -11.59	95.49 6.52 -1.41	77.41 5.25 -1.37
NORTHPORT___3 23553	60.43 2.82 -17.02	73.64 3.65 -14.10	64.16 3.02 -14.47	59.97 2.84 -11.81	56.56 2.49 -16.30	58.98 3.51 -2.62	131.28 4.99 -53.74	87.82 5.71 0.89	82.60 5.38 0.29	68.73 3.48 0.00	59.95 3.64 0.00	55.64 3.84 0.00	39.81 2.78 0.00	39.44 2.57 0.00	50.04 3.21 0.00	70.50 4.80 3.88	91.28 6.14 2.11	92.20 6.36 -3.93	91.55 6.49 0.06	132.54 6.10 -50.82	152.51 5.58 -77.24	76.56 5.52 3.70	80.45 5.91 13.02	68.18 4.78 7.39
NORTHPORT___4 23650	60.43 2.82 -17.02	73.64 3.65 -14.10	64.16 3.02 -14.47	59.97 2.84 -11.81	56.56 2.49 -16.30	58.98 3.51 -2.62	131.28 4.99 -53.74	87.82 5.71 0.89	82.60 5.38 0.29	68.73 3.48 0.00	59.95 3.64 0.00	55.64 3.84 0.00	39.81 2.78 0.00	39.44 2.57 0.00	50.04 3.21 0.00	70.50 4.80 3.88	91.28 6.14 2.11	92.20 6.36 -3.93	91.55 6.49 0.06	132.54 6.10 -50.82	152.51 5.58 -77.24	76.56 5.52 3.70	80.45 5.91 13.02	68.18 4.78 7.39
NORTHPORT___IC 23718	60.86 3.24 -17.02	74.21 4.22 -14.10	64.66 3.52 -14.47	60.44 3.32 -11.81	56.96 2.89 -16.30	59.60 4.13 -2.62	132.14 5.85 -53.74	89.52 6.52 0.00	83.74 6.08 -0.15	69.23 3.98 0.00	60.36 4.05 0.00	56.04 4.24 0.00	40.13 3.09 0.00	39.74 2.87 0.00	50.38 3.55 0.00	74.88 5.31 0.00	94.34 7.09 0.00	98.44 7.05 -9.47	103.16 7.40 -10.64	141.70 6.86 -59.22	159.99 6.10 -84.21	92.31 5.98 -11.59	95.49 6.52 -1.41	77.42 5.26 -1.37
NORTH___COUNTRY_ESR 323785	40.67 0.08 0.00	56.28 0.40 0.00	46.90 0.24 0.00	45.45 0.14 0.00	37.54 -0.23 0.00	52.45 -0.40 0.00	71.40 -1.15 0.00	82.30 -0.70 0.00	77.18 -0.33 0.00	65.50 0.25 0.00	56.04 -0.27 0.00	51.40 -0.40 0.00	36.77 -0.27 0.00	36.71 -0.16 0.00	46.65 -0.18 0.00	69.65 0.07 0.00	87.46 0.21 0.00	81.77 -0.15 0.00	85.01 -0.11 0.00	75.45 -0.17 0.00	69.61 -0.08 0.00	74.79 0.05 0.00	88.17 0.61 0.00	71.29 0.50 0.00
NPX_GEN_1385_PROXY 323591	61.91 4.30 -17.02	101.86 5.80 -40.16	89.50 4.84 -37.99	86.03 4.60 -36.11	146.11 3.98 -104.37	93.12 5.63 -34.64	134.14 7.85 -53.74	133.55 8.83 -41.71	85.30 7.64 -0.15	69.12 3.87 0.00	60.15 3.83 0.00	55.75 3.95 0.00	40.09 3.05 0.00	39.38 2.51 0.00	49.65 2.82 0.00	74.54 4.97 0.00	94.69 7.44 0.00	99.59 8.20 -9.47	104.18 8.42 -10.64	142.89 8.06 -59.22	160.90 7.00 -84.21	92.64 6.31 -11.59	96.06 7.09 -1.41	78.56 6.39 -1.37
NPX_GEN_CSC 323557	61.19 3.57 -17.02	74.62 4.62 -14.10	64.99 3.85 -14.47	60.79 3.66 -11.81	57.27 3.21 -16.30	60.11 4.64 -2.62	133.09 6.80 -53.74	101.21 7.94 -10.28	90.30 7.48 -5.32	70.22 4.97 0.00	60.97 4.65 0.00	56.61 4.81 0.00	40.65 3.62 0.00	40.36 3.48 0.00	51.14 4.31 0.00	121.07 6.65 -44.85	120.32 8.69 -24.39	164.05 8.43 -73.70	228.33 8.68 -134.53	240.07 8.05 -156.41	241.90 7.38 -164.84	270.32 6.98 -188.60	263.94 7.91 -168.48	179.90 6.37 -102.74
NSINS_S___GLNS_FALLS 23858	226.59 3.46 -182.54	211.86 4.74 -151.24	205.89 4.00 -155.23	175.87 3.88 -126.69	215.90 3.31 -174.83	85.69 4.78 -28.06	79.07 6.53 0.00	90.59 7.59 0.00	86.49 7.32 -1.66	70.81 5.55 0.00	61.01 4.70 0.00	55.97 4.17 0.00	39.95 2.91 0.00	39.78 2.91 0.00	50.67 3.84 0.00	75.43 5.85 0.00	95.12 7.87 0.00	185.44 8.01 -95.51	144.45 8.18 -51.15	119.90 7.19 -37.08	98.33 6.61 -22.03	178.16 7.21 -96.20	110.95 8.27 -15.13	92.13 6.65 -14.69
NUCOR_STEEL___DRP 24197	39.79 -0.80 0.00	54.78 -1.11 0.00	45.86 -0.80 0.00	44.78 -0.53 0.00	37.40 -0.37 0.00	52.38 -0.48 0.00	71.99 -0.56 0.00	82.18 -0.83 0.00	76.49 -1.02 0.00	64.50 -0.76 0.00	55.57 -0.75 0.00	51.09 -0.71 0.00	36.45 -0.59 0.00	36.43 -0.43 0.00	46.46 -0.37 0.00	69.21 -0.37 0.00	86.53 -0.72 0.00	81.16 -0.75 0.00	84.42 -0.74 -0.04	75.50 -0.93 -0.81	68.71 -0.98 0.00	73.72 -1.02 0.00	86.52 -1.04 0.00	70.15 -0.64 0.00
NUMBER_THREE_WT_PWR 323818	40.93 0.34 0.00	56.43 0.54 0.00	47.42 0.76 0.00	45.96 0.65 0.00	38.25 0.49 0.00	53.43 0.58 0.00	74.15 1.60 0.00	85.94 2.94 0.00	80.64 3.14 0.00	67.85 2.60 0.00	58.31 2.00 0.00	53.28 1.48 0.00	38.08 1.04 0.00	37.90 1.03 0.00	48.02 1.19 0.00	72.20 2.62 0.00	90.70 3.46 0.00	84.40 2.48 0.00	88.08 2.96 0.00	78.11 2.49 0.00	71.79 2.10 0.00	76.91 2.17 0.00	90.23 2.68 0.00	72.88 2.09 0.00
NYISO_LBMP_REFERENCE 24008	40.59 0.00 0.00	55.89 0.00 0.00	46.66 0.00 0.00	45.31 0.00 0.00	37.76 0.00 0.00	52.85 0.00 0.00	72.54 0.00 0.00	83.00 0.00 0.00	77.50 0.00 0.00	65.25 0.00 0.00	56.31 0.00 0.00	51.80 0.00 0.00	37.04 0.00 0.00	36.87 0.00 0.00	46.84 0.00 0.00	69.58 0.00 0.00	87.25 0.00 0.00	81.91 0.00 0.00	85.12 0.00 0.00	75.61 0.00 0.00	69.68 0.00 0.00	74.74 0.00 0.00	87.56 0.00 0.00	70.79 0.00 0.00

NYPA_BRENTWD____GT 24164	61.22	74.68	65.04	60.81	57.27	60.05	132.85	92.63	85.79	70.03	60.90	56.58	40.52	40.17	51.02	85.37	100.69	113.00	130.62	163.28	178.04	130.77	131.94	99.70
	3.61	4.68	3.90	3.68	3.20	4.57	6.56	7.45	7.03	4.77	4.58	4.78	3.49	3.30	4.18	6.30	8.28	8.01	8.62	7.86	7.06	6.95	7.59	6.07
	-17.02	-14.10	-14.47	-11.81	-16.30	-2.62	-53.74	-2.18	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	-9.50	-5.17	-23.08	-36.89	-79.80	-101.29	-49.09	-36.80	-22.84
NYPA_GOWANUS____GT5 24156	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
NYPA_GOWANUS____GT6 24157	60.12	73.19	63.85	59.68	57.38	58.76	76.98	88.18	82.76	69.24	60.26	62.96	56.68	56.76	60.13	81.14	93.64	140.21	192.45	205.06	76.90	89.04	94.26	76.44
	2.51	3.20	2.71	2.55	2.28	3.14	4.44	5.18	5.09	3.98	3.93	4.16	3.04	2.90	3.73	4.93	6.40	6.34	6.58	5.93	5.16	5.33	5.29	4.28
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
NYPA_HARLEM__RVR__GT1 24160	59.87	72.82	63.61	59.42	56.11	58.26	76.59	87.74	82.33	68.88	59.92	55.69	39.84	39.49	50.25	74.13	93.25	96.71	96.14	87.76	76.53	88.65	94.00	76.17
	2.25	2.82	2.47	2.29	2.04	2.80	4.05	4.74	4.67	3.63	3.61	3.89	2.80	2.62	3.42	4.56	6.01	5.89	6.09	5.51	4.79	4.94	5.02	4.01
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
NYPA_HARLEM__RVR__GT2 24161	59.87	72.82	63.61	59.42	56.11	58.26	76.59	87.74	82.33	68.88	59.92	55.69	39.84	39.49	50.25	74.13	93.25	96.71	96.14	87.76	76.53	88.65	94.00	76.17
	2.25	2.82	2.47	2.29	2.04	2.80	4.05	4.74	4.67	3.63	3.61	3.89	2.80	2.62	3.42	4.56	6.01	5.89	6.09	5.51	4.79	4.94	5.02	4.01
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
NYPA_KENT____GT 24152	60.06	73.12	63.78	59.61	56.90	58.61	76.89	88.09	82.65	69.15	60.19	60.10	50.04	49.94	56.23	78.36	93.44	122.93	154.22	158.50	76.70	88.82	94.11	76.29
	2.44	3.13	2.64	2.48	2.22	3.05	4.34	5.09	4.99	3.89	3.87	4.07	2.98	2.81	3.62	4.78	6.20	6.13	6.33	5.70	4.96	5.11	5.14	4.13
	-17.03	-14.11	-14.48	-11.82	-16.93	-2.71	0.00	0.00	-0.15	0.00	-0.01	-4.23	-10.02	-10.26	-5.77	-4.01	0.00	-34.89	-62.77	-77.18	-2.06	-8.98	-1.41	-1.37
NYPA_POUCH1____GT 24155	59.98	73.02	63.71	59.54	57.29	58.61	76.73	87.87	82.47	69.00	60.05	62.79	56.57	56.66	60.02	80.92	93.39	139.96	192.22	204.84	76.71	88.84	93.91	76.22
	2.36	3.03	2.56	2.41	2.20	2.98	4.19	4.87	4.81	3.75	3.72	3.98	2.93	2.80	3.62	4.71	6.15	6.10	6.35	5.72	4.97	5.13	4.94	4.05
	-17.03	-14.11	-14.48	-11.82	-17.34	-2.77	0.00	0.00	-0.15	0.00	-0.01	-7.01	-16.60	-16.99	-9.57	-6.64	0.00	-51.95	-100.76	-123.51	-2.06	-8.98	-1.41	-1.37
NYPA_VERNON____GT2 24162	60.01	73.03	63.72	59.54	56.43	58.47	76.80	87.98	82.56	69.07	60.12	57.24	43.39	43.13	52.33	75.66	93.33	105.74	116.10	112.04	76.60	88.70	94.04	76.23
	2.39	3.04	2.58	2.41	2.15	2.96	4.25	4.98	4.90	3.81	3.80	3.99	2.91	2.74	3.51	4.71	6.08	6.00	6.19	5.57	4.86	4.98	5.07	4.07
	-17.03	-14.11	-14.48	-11.82	-16.52	-2.65	0.00	0.00	-0.15	0.00	0.00	-1.45	-3.44	-3.52	-1.99	-1.38	0.00	-17.83	-24.80	-30.86	-2.06	-8.98	-1.41	-1.37
NYPA_VERNON____GT3 24163	60.01	73.03	63.72	59.54	56.43	58.47	76.80	87.98	82.56	69.07	60.12	57.24	43.39	43.13	52.33	75.66	93.33	105.74	116.10	112.04	76.60	88.70	94.04	76.23
	2.39	3.04	2.58	2.41	2.15	2.96	4.25	4.98	4.90	3.81	3.80	3.99	2.91	2.74	3.51	4.71	6.08	6.00	6.19	5.57	4.86	4.98	5.07	4.07
	-17.03	-14.11	-14.48	-11.82	-16.52	-2.65	0.00	0.00	-0.15	0.00	0.00	-1.45	-3.44	-3.52	-1.99	-1.38	0.00	-17.83	-24.80	-30.86	-2.06	-8.98	-1.41	-1.37
NYPA__ASTORIA_CC1 323568	59.94	72.94	63.65	59.47	56.15	58.35	76.69	87.85	82.45	68.96	60.02	55.73	39.91	39.55	50.29	74.20	93.24	96.75	96.15	87.75	76.54	88.63	93.99	76.16
	2.32	2.94	2.50	2.34	2.09	2.88	4.15	4.85	4.79	3.71	3.71	3.93	2.87	2.68	3.45	4.63	5.99	5.92	6.10	5.50	4.80	4.91	5.02	4.00
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
NYPA__ASTORIA_CC2 323569	59.94	72.94	63.65	59.47	56.15	58.35	76.69	87.85	82.45	68.96	60.02	55.73	39.91	39.55	50.29	74.20	93.24	96.75	96.15	87.75	76.54	88.63	93.99	76.16
	2.32	2.94	2.50	2.34	2.09	2.88	4.15	4.85	4.79	3.71	3.71	3.93	2.87	2.68	3.45	4.63	5.99	5.92	6.10	5.50	4.80	4.91	5.02	4.00
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
NYPA__HOLTSVILL 23794	61.01	74.37	64.79	60.57	57.08	59.80	132.57	100.23	89.48	69.76	60.65	56.31	40.38	40.06	50.83	119.44	119.00	162.00	224.93	237.23	239.43	265.78	259.36	176.97
	3.39	4.39	3.64	3.45	3.01	4.33	6.28	7.19	6.77	4.51	4.33	4.51	3.34	3.19	4.00	6.06	7.93	7.88	8.16	7.46	6.77	6.55	7.21	5.79
	-17.02	-14.10	-14.47	-11.81	-16.30	-2.62	-53.74	-10.04	-5.20	0.00	0.00	0.00	0.00	0.00	0.00	-43.81	-23.82	-72.21	-131.65	-154.15	-162.97	-184.49	-164.60	-100.39
NYPA__HELLGATE_GT1 24158	59.87	72.82	63.61	59.42	56.11	58.26	76.59	87.74	82.33	68.88	59.92	55.69	39.84	39.49	50.25	74.13	93.25	96.71	96.14	87.76	76.53	88.65	94.00	76.17
	2.25	2.82	2.47	2.29	2.04	2.80	4.05	4.74	4.67	3.63	3.61	3.89	2.80	2.62	3.42	4.56	6.01	5.89	6.09	5.51	4.79	4.94	5.02	4.01
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
NYPA__HELLGATE_GT2 24159	59.87	72.82	63.61	59.42	56.11	58.26	76.59	87.74	82.33	68.88	59.92	55.69	39.84	39.49	50.25	74.13	93.25	96.71	96.14	87.76	76.53	88.65	94.00	76.17
	2.25	2.82	2.47	2.29	2.04	2.80	4.05	4.74	4.67	3.63	3.61	3.89	2.80	2.62	3.42	4.56	6.01	5.89	6.09	5.51	4.79	4.94	5.02	4.01
	-17.03	-14.11	-14.48	-11.82	-16.31	-2.62	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-4.94	-6.63	-2.06	-8.98	-1.41	-1.37
NYS_BARGE__HYD 23848	36.45	50.31	42.16	41.38	34.62	48.48	66.86	74.84	70.16	59.76	52.45	47.42	33.89	33.97	42.83	63.52	78.59	73.51	75.85	67.94	61.98	66.83	79.54	65.31
	-4.14	-5.57	-4.50	-3.93	-3.14	-4.37	-5.68	-8.17	-7.35	-5.49	-3.86	-4.38	-3.15	-2.89	-4.00	-6.06	-8.65	-8.40	-9.31	-8.62	-7.70	-7.91	-8.02	-5.48
	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	-0.05	-0.94	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	38.30 -2.28 0.00	52.72 -3.17 0.00	44.12 -2.54 0.00	43.09 -2.22 0.00	35.98 -1.78 0.00	50.38 -2.47 0.00	69.39 -3.15 0.00	78.68 -4.32 0.00	73.63 -3.87 0.00	62.33 -2.92 0.00	54.20 -2.12 0.00	49.39 -2.41 0.00	35.31 -1.73 0.00	35.32 -1.55 0.00	44.77 -2.07 0.00	66.54 -3.03 0.00	83.08 -4.17 0.00	77.93 -3.98 0.00	80.68 -4.47 -0.04	72.15 -4.25 -0.79	65.78 -3.91 0.00	70.74 -4.00 0.00	83.42 -4.13 0.00	67.77 -3.02 0.00
OAKDALE___35_KV_LOAD 356122	48.31 -0.51 -8.23	62.01 -0.70 -6.82	53.23 -0.43 -7.00	50.74 -0.28 -5.71	45.40 -0.25 -7.88	53.77 -0.34 -1.27	72.08 -0.47 0.00	82.22 -0.78 0.00	77.03 -0.55 -0.07	64.70 -0.56 0.00	55.99 -0.33 0.00	51.40 -0.40 0.00	36.79 -0.25 0.00	36.72 -0.15 0.00	46.72 -0.11 0.00	69.49 -0.08 0.00	86.66 -0.59 0.00	85.52 -0.70 -4.30	86.66 -0.82 -2.36	77.55 -0.81 -2.74	69.87 -0.81 -0.99	78.16 -0.91 -4.34	87.12 -1.12 -0.68	70.77 -0.68 -0.66
OCC_CHEM___DRP 24175	35.76 -4.83 0.00	49.32 -6.56 0.00	41.36 -5.30 0.00	40.61 -4.70 0.00	33.93 -3.83 0.00	47.48 -5.38 0.00	65.47 -7.07 0.00	73.40 -9.60 0.00	68.81 -8.70 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.36 -3.50 0.00	41.98 -4.85 0.00	62.31 -7.26 0.00	77.38 -9.87 0.00	72.24 -9.67 0.00	74.46 -10.70 -0.05	66.76 -9.82 -0.97	60.92 -8.77 0.00	65.72 -9.02 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
OH_GEN_PROXY 24063	36.26 -4.33 0.00	49.98 -5.90 0.00	41.89 -4.77 0.00	41.08 -4.23 0.00	34.32 -3.44 0.00	48.04 -4.81 0.00	66.16 -6.38 0.00	74.33 -8.67 0.00	69.66 -7.84 0.00	59.34 -5.91 0.00	52.05 -4.27 0.00	47.11 -4.69 0.00	33.69 -3.35 0.00	33.75 -3.12 0.00	42.53 -4.31 0.00	63.15 -6.43 0.00	78.42 -8.83 0.00	73.26 -8.66 0.00	75.61 -9.55 -0.05	67.74 -8.84 -0.96	61.74 -7.94 0.00	66.63 -8.12 0.00	79.24 -8.31 0.00	64.82 -5.97 0.00
OLIN_CORP_DRP 24177	35.93 -4.66 0.00	49.63 -6.26 0.00	41.61 -5.06 0.00	40.86 -4.45 0.00	34.19 -3.57 0.00	47.89 -4.96 0.00	66.05 -6.50 0.00	73.83 -9.17 0.00	69.20 -8.31 0.00	59.01 -6.24 0.00	51.93 -4.39 0.00	46.92 -4.88 0.00	33.55 -3.48 0.00	33.61 -3.26 0.00	42.32 -4.51 0.00	62.71 -6.86 0.00	77.41 -9.83 0.00	72.34 -9.58 0.00	74.57 -10.59 -0.05	66.88 -9.72 -0.98	61.03 -8.65 0.00	65.81 -8.93 0.00	78.46 -9.10 0.00	64.52 -6.27 0.00
OLIN_CORP_DSASP 323712	35.79 -4.79 0.00	49.36 -6.53 0.00	41.37 -5.30 0.00	40.61 -4.70 0.00	33.94 -3.82 0.00	47.47 -5.38 0.00	65.47 -7.08 0.00	73.39 -9.61 0.00	68.80 -8.71 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.37 -3.50 0.00	41.98 -4.85 0.00	62.32 -7.26 0.00	77.36 -9.88 0.00	72.28 -9.64 0.00	74.53 -10.63 -0.05	66.77 -9.81 -0.97	60.92 -8.77 0.00	65.74 -9.00 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
ONEIDA_HERK_LFGE 323681	41.49 0.90 0.00	57.15 1.26 0.00	47.87 1.20 0.00	46.48 1.17 0.00	38.72 0.96 0.00	54.16 1.31 0.00	74.76 2.22 0.00	86.00 3.00 0.00	80.55 3.05 0.00	67.76 2.50 0.00	58.35 2.04 0.00	53.41 1.62 0.00	38.19 1.15 0.00	38.03 1.17 0.00	48.30 1.47 0.00	72.16 2.58 0.00	90.65 3.41 0.00	84.85 2.94 0.00	88.29 3.18 0.00	78.35 2.73 0.00	72.05 2.37 0.00	77.20 2.46 0.00	90.38 2.82 0.00	72.98 2.18 0.00
ONEIDA___115KV_TB4 55905	41.49 0.90 0.00	57.15 1.26 0.00	47.86 1.20 0.00	46.56 1.25 0.00	38.81 1.06 0.00	54.37 1.52 0.00	74.89 2.35 0.00	85.80 2.80 0.00	80.29 2.78 0.00	67.49 2.24 0.00	58.17 1.86 0.00	53.18 1.38 0.00	38.03 0.99 0.00	37.91 1.04 0.00	48.23 1.39 0.00	71.91 2.34 0.00	90.31 3.06 0.00	84.72 2.80 0.00	87.96 2.85 0.00	78.03 2.41 0.00	71.79 2.10 0.00	76.92 2.18 0.00	89.89 2.34 0.00	72.57 1.77 0.00
ONONDAGA_REF_OCCRA 23987	39.61 -0.98 0.00	54.50 -1.38 0.00	45.61 -1.05 0.00	44.37 -0.94 0.00	37.02 -0.74 0.00	51.80 -1.05 0.00	71.22 -1.32 0.00	81.33 -1.67 0.00	76.03 -1.48 0.00	63.97 -1.29 0.00	55.34 -0.97 0.00	50.80 -1.00 0.00	36.34 -0.70 0.00	36.22 -0.65 0.00	46.05 -0.78 0.00	68.50 -1.08 0.00	85.74 -1.50 0.00	80.71 -1.21 0.00	83.81 -1.34 -0.04	75.05 -1.28 -0.72	68.44 -1.25 0.00	73.40 -1.34 0.00	85.90 -1.66 0.00	69.54 -1.26 0.00
ONONDAGA___COGEN 23986	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.79 -2.22 0.00	75.49 -2.02 0.00	63.52 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.28 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.12 -1.46 0.00	85.22 -2.02 0.00	80.54 -1.37 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.34 0.00
ONTARIO___LFGE 23819	43.84 -0.47 -3.72	58.61 -0.72 -3.44	49.84 -0.36 -3.53	48.10 -0.10 -2.89	41.96 0.22 -3.98	53.53 0.04 -0.64	72.72 0.17 0.00	82.90 -0.10 0.00	77.65 0.11 -0.04	65.09 -0.16 0.00	56.09 -0.22 0.00	51.09 -0.70 0.00	36.80 -0.24 0.00	36.67 -0.20 0.00	47.01 0.18 0.00	70.12 0.54 0.00	86.86 -0.38 0.00	83.72 -0.37 -2.18	85.90 -0.41 -1.20	76.48 -0.57 -1.43	69.35 -0.84 -0.50	75.90 -1.03 -2.19	86.97 -0.93 -0.34	70.77 -0.35 -0.33
ORANGEVILLE_WT_PWR 323706	41.72 -3.20 -4.33	55.27 -4.21 -3.59	47.17 -3.18 -3.68	45.65 -2.67 -3.01	39.78 -2.13 -4.15	50.61 -2.91 -0.67	68.75 -3.79 0.00	77.60 -5.40 0.00	72.67 -4.87 -0.04	61.47 -3.78 0.00	53.54 -2.77 0.00	48.30 -3.50 0.00	34.53 -2.51 0.00	34.76 -2.11 0.00	44.15 -2.68 0.00	65.26 -4.32 0.00	80.54 -6.71 0.00	77.29 -6.89 -2.27	78.98 -7.38 -1.25	70.27 -6.84 -1.49	63.90 -6.31 -0.52	70.51 -6.51 -2.28	81.44 -6.48 -0.36	67.15 -3.99 -0.35
ORANGEVILLE___ESR 323794	41.72 -3.20 -4.33	55.27 -4.21 -3.59	47.17 -3.18 -3.68	45.65 -2.67 -3.01	39.78 -2.13 -4.15	50.61 -2.91 -0.67	68.75 -3.79 0.00	77.60 -5.40 0.00	72.67 -4.87 -0.04	61.47 -3.78 0.00	53.54 -2.77 0.00	48.30 -3.50 0.00	34.53 -2.51 0.00	34.76 -2.11 0.00	44.15 -2.68 0.00	65.26 -4.32 0.00	80.54 -6.71 0.00	77.29 -6.89 -2.27	78.98 -7.38 -1.25	70.27 -6.84 -1.49	63.90 -6.31 -0.52	70.51 -6.51 -2.28	81.44 -6.48 -0.36	67.15 -3.99 -0.35
OSWEGATCHIE___HYD 24044	41.00 0.41 0.00	56.51 0.62 0.00	47.23 0.56 0.00	45.79 0.48 0.00	38.08 0.32 0.00	53.29 0.44 0.00	73.57 1.02 0.00	84.92 1.92 0.00	79.38 1.87 0.00	66.93 1.68 0.00	57.34 1.03 0.00	52.45 0.65 0.00	37.46 0.42 0.00	37.29 0.42 0.00	47.25 0.42 0.00	71.01 1.43 0.00	88.92 1.67 0.00	82.51 0.59 0.00	85.96 0.85 0.00	76.29 0.67 0.00	70.49 0.81 0.00	75.98 1.24 0.00	89.52 1.97 0.00	72.32 1.53 0.00
OSWEGO___5 23606	38.97 -1.61 0.00	53.64 -2.25 0.00	44.87 -1.80 0.00	43.62 -1.69 0.00	36.40 -1.36 0.00	50.92 -1.93 0.00	69.97 -2.57 0.00	79.91 -3.10 0.00	74.68 -2.83 0.00	62.88 -2.38 0.00	54.37 -1.95 0.00	49.91 -1.89 0.00	35.72 -1.32 0.00	35.60 -1.26 0.00	45.22 -1.62 0.00	67.20 -2.37 0.00	84.15 -3.09 0.00	79.09 -2.83 0.00	82.09 -3.02 0.00	72.88 -2.74 0.00	67.14 -2.55 0.00	72.03 -2.71 0.00	84.39 -3.17 0.00	68.31 -2.49 0.00

OSWEGO___6 23613	38.97 -1.61 0.00	53.64 -2.25 0.00	44.87 -1.80 0.00	43.62 -1.69 0.00	36.40 -1.36 0.00	50.92 -1.93 0.00	69.97 -2.57 0.00	79.91 -3.10 0.00	74.68 -2.83 0.00	62.88 -2.38 0.00	54.37 -1.95 0.00	49.91 -1.89 0.00	35.72 -1.32 0.00	35.60 -1.26 0.00	45.22 -1.62 0.00	67.20 -2.37 0.00	84.15 -3.09 0.00	79.09 -2.83 0.00	82.09 -3.02 0.00	72.88 -2.74 0.00	67.14 -2.55 0.00	72.03 -2.71 0.00	84.39 -3.17 0.00	68.31 -2.49 0.00
OUTOKUMPU-AB___DRP 24206	36.70 -3.89 0.00	50.65 -5.23 0.00	42.48 -4.18 0.00	41.69 -3.62 0.00	34.82 -2.94 0.00	48.78 -4.08 0.00	67.25 -5.29 0.00	75.46 -7.54 0.00	70.78 -6.72 0.00	60.29 -4.97 0.00	52.91 -3.41 0.00	47.81 -3.99 0.00	34.16 -2.88 0.00	34.25 -2.62 0.00	43.16 -3.67 0.00	64.06 -5.52 0.00	79.38 -7.87 0.00	74.18 -7.74 0.00	76.53 -8.64 -0.05	68.59 -8.01 -0.99	62.55 -7.14 0.00	67.44 -7.31 0.00	80.24 -7.32 0.00	65.73 -5.06 0.00
OXBOW___BTM 323836	36.19 -4.40 0.00	49.91 -5.97 0.00	41.82 -4.84 0.00	41.05 -4.26 0.00	34.30 -3.46 0.00	48.01 -4.85 0.00	66.21 -6.33 0.00	74.25 -8.75 0.00	69.64 -7.86 0.00	59.36 -5.90 0.00	52.13 -4.19 0.00	47.09 -4.70 0.00	33.67 -3.37 0.00	33.74 -3.13 0.00	42.49 -4.35 0.00	63.05 -6.52 0.00	78.20 -9.05 0.00	73.10 -8.81 0.00	75.42 -9.75 -0.05	67.58 -9.01 -0.98	61.61 -8.07 0.00	66.44 -8.30 0.00	79.11 -8.45 0.00	64.79 -6.00 0.00
OXBOW____ 24026	36.13 -4.45 0.00	49.87 -6.02 0.00	41.81 -4.86 0.00	41.04 -4.27 0.00	34.29 -3.47 0.00	48.00 -4.85 0.00	66.21 -6.33 0.00	74.26 -8.75 0.00	69.64 -7.86 0.00	59.36 -5.89 0.00	52.13 -4.19 0.00	47.09 -4.71 0.00	33.66 -3.38 0.00	33.73 -3.14 0.00	42.48 -4.36 0.00	63.05 -6.52 0.00	78.21 -9.04 0.00	73.08 -8.84 0.00	75.36 -9.81 -0.05	67.54 -9.05 -0.98	61.60 -8.08 0.00	66.43 -8.32 0.00	79.11 -8.45 0.00	64.79 -6.00 0.00
OXY_CHEM_DSASP 323612	35.76 -4.83 0.00	49.32 -6.56 0.00	41.36 -5.30 0.00	40.61 -4.70 0.00	33.93 -3.83 0.00	47.48 -5.38 0.00	65.47 -7.07 0.00	73.40 -9.60 0.00	68.81 -8.70 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.36 -3.50 0.00	41.98 -4.85 0.00	62.31 -7.26 0.00	77.38 -9.87 0.00	72.24 -9.67 0.00	74.46 -10.70 -0.05	66.76 -9.82 -0.97	60.92 -8.77 0.00	65.72 -9.02 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
OZONE_PARK_ESR 323760	60.29 2.67 -17.03	73.41 3.42 -14.11	64.01 2.87 -14.48	59.82 2.70 -11.82	56.43 2.36 -16.31	58.77 3.30 -2.62	77.28 4.74 0.00	88.52 5.52 0.00	83.04 5.38 -0.15	69.49 4.24 0.00	60.44 4.13 0.00	56.06 4.27 0.00	40.17 3.13 0.00	39.81 2.94 0.00	50.62 3.78 0.00	74.75 5.18 0.00	93.95 6.71 0.00	97.43 6.60 -8.91	96.86 6.81 -4.94	88.34 6.09 -6.63	77.09 5.35 -2.06	89.20 5.49 -8.98	94.72 5.75 -1.41	76.71 4.54 -1.37
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	35.76 -4.83 0.00	49.32 -6.56 0.00	41.36 -5.30 0.00	40.61 -4.70 0.00	33.93 -3.83 0.00	47.48 -5.38 0.00	65.47 -7.07 0.00	73.40 -9.60 0.00	68.81 -8.70 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.36 -3.50 0.00	41.98 -4.85 0.00	62.31 -7.26 0.00	77.38 -9.87 0.00	72.24 -9.67 0.00	74.46 -10.70 -0.05	66.76 -9.82 -0.97	60.92 -8.77 0.00	65.72 -9.02 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
PACKARD___115KV_DUPONT_184 80571	35.76 -4.83 0.00	49.32 -6.56 0.00	41.36 -5.30 0.00	40.61 -4.70 0.00	33.93 -3.83 0.00	47.48 -5.38 0.00	65.47 -7.07 0.00	73.40 -9.60 0.00	68.81 -8.70 0.00	58.68 -6.57 0.00	51.58 -4.73 0.00	46.58 -5.22 0.00	33.31 -3.73 0.00	33.36 -3.50 0.00	41.98 -4.85 0.00	62.31 -7.26 0.00	77.38 -9.87 0.00	72.24 -9.67 0.00	74.46 -10.70 -0.05	66.76 -9.82 -0.97	60.92 -8.77 0.00	65.72 -9.02 0.00	78.34 -9.22 0.00	64.12 -6.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	59.81 2.19 -17.03	72.75 2.76 -14.11	63.52 2.38 -14.48	59.35 2.22 -11.82	56.04 1.97 -16.31	58.19 2.72 -2.62	76.51 3.97 0.00	87.65 4.64 0.00	82.24 4.58 -0.15	68.81 3.56 0.00	59.87 3.56 0.00	55.62 3.82 0.00	39.80 2.76 0.00	39.48 2.61 0.00	50.23 3.40 0.00	74.11 4.53 0.00	93.20 5.96 0.00	96.69 5.87 -8.91	96.10 6.05 -4.94	87.72 5.48 -6.63	76.51 4.77 -2.06	88.64 4.92 -8.98	93.99 5.02 -1.41	76.17 4.01 -1.37
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	59.87 2.25 -17.03	72.86 2.87 -14.11	63.62 2.48 -14.48	59.45 2.32 -11.82	56.15 2.07 -16.31	58.32 2.85 -2.62	76.71 4.17 0.00	87.85 4.85 0.00	82.46 4.80 -0.15	68.97 3.72 0.00	59.97 3.66 0.00	55.66 3.86 0.00	39.80 2.76 0.00	39.52 2.65 0.00	50.31 3.48 0.00	74.18 4.60 0.00	93.41 6.16 0.00	96.85 6.03 -8.91	96.25 6.20 -4.94	87.83 5.58 -6.63	76.59 4.85 -2.06	88.74 5.02 -8.98	94.18 5.21 -1.41	76.33 4.17 -1.37
PATROON___115KV_TB1 80586	160.97 1.80 -118.58	156.58 2.45 -98.25	149.71 2.20 -100.84	129.73 2.12 -82.30	153.15 1.82 -113.57	73.51 2.43 -18.23	75.80 3.25 0.00	86.61 3.60 0.00	82.07 3.49 -1.08	68.03 2.78 0.00	58.84 2.53 0.00	54.22 2.42 0.00	38.76 1.72 0.00	38.51 1.64 0.00	49.06 2.23 0.00	72.70 3.13 0.00	91.25 4.01 0.00	147.73 3.77 -62.05	122.28 3.85 -33.31	104.63 3.45 -25.56	87.19 3.19 -14.31	140.73 3.49 -62.50	101.30 3.91 -9.83	83.53 3.20 -9.54
PATTRSNVILLE___SOLAR 323815	238.10 1.83 -195.69	220.54 2.52 -162.13	215.26 2.18 -166.42	183.22 2.10 -135.82	226.99 1.81 -187.43	85.43 2.49 -30.08	75.97 3.43 0.00	86.97 3.96 0.00	83.01 3.73 -1.78	68.08 2.82 0.00	58.43 2.12 0.00	53.65 1.85 0.00	38.28 1.24 0.00	38.14 1.27 0.00	48.77 1.94 0.00	72.60 3.03 0.00	91.56 4.31 0.00	188.67 4.36 -102.40	144.39 4.45 -54.82	118.94 3.93 -39.40	96.79 3.49 -23.62	181.54 3.66 -103.14	107.88 4.10 -16.22	89.81 3.27 -15.75
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.63 -2.96 0.00	51.88 -4.00 0.00	43.51 -3.15 0.00	42.66 -2.64 0.00	35.60 -2.16 0.00	49.90 -2.95 0.00	68.68 -3.87 0.00	77.34 -5.66 0.00	72.48 -5.03 0.00	61.58 -3.67 0.00	53.89 -2.42 0.00	48.84 -2.96 0.00	34.93 -2.11 0.00	35.06 -1.81 0.00	44.27 -2.56 0.00	65.64 -3.94 0.00	81.35 -5.90 0.00	75.99 -5.92 0.00	78.55 -6.62 -0.05	70.47 -6.22 -1.07	64.09 -5.59 0.00	69.10 -5.64 0.00	82.07 -5.48 0.00	67.15 -3.65 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	60.85 2.70 -17.56	73.99 3.55 -14.55	64.60 3.00 -14.94	60.36 2.86 -12.19	57.06 2.48 -16.82	59.02 3.47 -2.70	77.47 4.93 0.00	88.75 5.74 0.00	83.23 5.56 -0.16	69.63 4.38 0.00	60.44 4.13 0.00	55.89 4.09 0.00	39.99 2.95 0.00	39.66 2.79 0.00	50.50 3.66 0.00	74.78 5.20 0.00	94.01 6.77 0.00	97.76 6.67 -9.17	96.99 6.79 -5.09	88.46 6.08 -6.76	77.14 5.34 -2.12	89.50 5.50 -9.26	94.88 5.87 -1.46	76.83 4.62 -1.41
PEEKSKILL____ 23653	59.42 1.99 -16.85	72.42 2.57 -13.96	63.18 2.18 -14.33	59.03 2.03 -11.70	55.71 1.81 -16.14	57.95 2.51 -2.59	76.12 3.58 0.00	87.15 4.15 0.00	81.73 4.08 -0.15	68.31 3.05 0.00	59.32 3.01 0.00	54.91 3.12 0.00	39.32 2.28 0.00	39.00 2.13 0.00	49.61 2.77 0.00	73.38 3.80 0.00	92.19 4.95 0.00	95.65 4.92 -8.82	95.08 5.08 -4.88	86.79 4.61 -6.56	75.72 4.00 -2.04	87.71 4.08 -8.88	93.14 4.19 -1.40	75.48 3.33 -1.36

PGE MADISON___WINDPWR 24146	54.88 2.50 -11.79	69.39 3.74 -9.77	60.27 3.59 -10.02	57.19 3.70 -8.18	52.11 3.06 -11.29	59.24 4.57 -1.81	79.62 7.08 0.00	91.53 8.53 0.00	85.74 8.13 -0.11	71.83 6.58 0.00	61.69 5.37 0.00	56.18 4.39 0.00	39.93 2.90 0.00	39.97 3.09 0.00	50.98 4.15 0.00	76.95 7.37 0.00	96.43 9.18 0.00	96.07 7.99 -6.17	95.84 7.36 -3.36	85.59 6.53 -3.44	77.35 6.25 -1.42	86.53 5.58 -6.21	94.21 5.67 -0.98	76.75 5.01 -0.95
PIERCEFIELD___HYD 23852	41.17 0.58 0.00	56.79 0.90 0.00	47.23 0.57 0.00	45.81 0.50 0.00	38.04 0.28 0.00	53.32 0.47 0.00	73.18 0.63 0.00	84.20 1.20 0.00	78.52 1.01 0.00	66.37 1.12 0.00	56.71 0.40 0.00	51.92 0.13 0.00	37.05 0.02 0.00	36.90 0.03 0.00	46.74 -0.09 0.00	70.11 0.54 0.00	87.57 0.32 0.00	81.04 -0.87 0.00	84.35 -0.77 0.00	74.91 -0.70 0.00	69.50 -0.19 0.00	75.25 0.51 0.00	89.01 1.45 0.00	71.90 1.11 0.00
PINELAWN_CC_1 323563	60.85 3.23 -17.02	74.17 4.17 -14.10	64.59 3.45 -14.47	60.37 3.25 -11.81	56.90 2.84 -16.30	59.53 4.06 -2.62	132.14 5.85 -53.74	90.35 6.65 -0.70	84.30 6.29 -0.50	69.54 4.29 0.00	60.48 4.17 0.00	56.18 4.39 0.00	40.22 3.18 0.00	39.86 3.00 0.00	50.65 3.82 0.00	78.27 5.65 -3.04	96.40 7.50 -1.65	103.26 7.52 -13.83	111.99 7.83 -19.04	148.53 7.10 -65.81	165.74 6.38 -89.68	104.66 6.33 -23.59	107.15 6.86 -12.74	84.43 5.40 -8.24
PJM_GEN_HTP_PROXY 323702	59.85 2.24 -17.03	72.84 2.85 -14.11	63.56 2.41 -14.48	59.39 2.26 -11.82	56.08 2.01 -16.31	58.25 2.78 -2.62	76.52 3.98 0.00	87.64 4.64 0.00	82.23 4.57 -0.15	68.74 3.49 0.00	59.79 3.48 0.00	55.42 3.62 0.00	39.70 2.66 0.00	39.33 2.47 0.00	50.04 3.20 0.00	73.91 4.33 0.00	92.82 5.60 0.02	96.36 5.54 -8.91	95.76 5.71 -4.93	87.40 5.16 -6.63	76.23 4.49 -2.06	88.31 4.60 -8.98	93.70 4.73 -1.41	75.93 3.76 -1.37
PJM_GEN_KEystone 24065	42.82 -0.59 -2.82	64.15 -0.88 -9.15	55.42 -0.64 -9.39	52.43 -0.54 -7.66	47.93 -0.41 -10.58	52.33 -0.56 -0.03	37.63 -0.73 34.18	64.13 -1.28 17.59	66.36 -0.91 10.24	64.38 -0.88 0.00	55.98 -0.33 0.00	51.53 -0.25 0.02	36.93 -0.11 0.00	36.83 -0.04 0.00	46.79 -0.04 0.00	69.19 -0.38 0.00	75.14 -0.87 11.23	86.63 -0.96 -5.67	79.09 -1.12 4.90	61.20 -1.07 13.34	38.46 -1.15 30.07	47.78 -1.18 25.78	46.26 -1.28 40.02	59.91 -0.76 10.12
PJM_GEN_NEPTUNE_PROXY 323594	60.23 2.62 -17.02	73.35 3.36 -14.10	63.94 2.80 -14.47	59.76 2.63 -11.81	56.38 2.31 -16.30	58.77 3.30 -2.62	105.17 4.73 -27.89	88.34 5.34 0.00	82.78 5.11 -0.15	68.74 3.49 0.00	59.89 3.57 0.00	55.58 3.78 0.00	39.74 2.70 0.00	39.38 2.51 0.00	50.03 3.20 0.00	74.21 4.64 0.00	93.29 6.07 0.02	97.29 6.11 -9.27	99.44 6.33 -7.99	116.24 5.81 -34.82	120.93 5.16 -46.09	90.23 5.11 -10.37	94.41 5.44 -1.41	76.46 4.29 -1.37
PJM_GEN_VFT_PROXY 323633	59.59 1.97 -17.03	72.45 2.46 -14.11	63.24 2.10 -14.48	59.08 1.95 -11.82	55.83 1.76 -16.31	57.91 2.44 -2.62	76.05 3.50 0.00	87.08 4.08 0.00	81.69 4.03 -0.15	68.30 3.04 0.00	59.42 3.10 0.00	54.81 3.28 0.27	39.48 2.44 0.00	39.11 2.24 0.00	49.72 2.89 0.00	73.39 3.82 0.01	92.20 4.98 0.02	94.30 4.98 -7.41	94.77 5.13 -4.52	86.64 4.60 -6.43	75.70 3.96 -2.06	86.91 4.03 -8.14	93.06 4.09 -1.41	75.41 3.24 -1.37
PLATSBURG_115KV_PMLD1 355749	41.28 0.70 0.00	57.07 1.19 0.00	47.63 0.97 0.00	46.20 0.89 0.00	38.18 0.42 0.00	53.19 0.34 0.00	72.13 -0.41 0.00	83.00 0.00 0.00	77.83 0.33 0.00	65.98 0.73 0.00	56.70 0.39 0.00	51.97 0.17 0.00	37.16 0.12 0.00	37.02 0.15 0.00	47.18 0.34 0.00	70.45 0.87 0.00	88.65 1.41 0.00	82.78 0.87 0.00	86.02 0.91 0.00	76.33 0.72 0.00	70.36 0.68 0.00	75.50 0.76 0.00	88.98 1.42 0.00	72.22 1.43 0.00
PLEASANTVLY___LBMP 24000	60.55 2.00 -17.95	73.39 2.63 -14.88	64.18 2.25 -15.27	59.89 2.12 -12.46	56.82 1.86 -17.19	58.18 2.57 -2.76	76.17 3.63 0.00	87.18 4.18 0.00	81.78 4.11 -0.16	68.37 3.12 0.00	59.34 3.02 0.00	54.88 3.08 0.00	39.29 2.25 0.00	38.98 2.11 0.00	49.60 2.76 0.00	73.39 3.81 0.00	92.17 4.92 0.00	96.16 4.85 -9.39	95.33 5.02 -5.20	87.11 4.55 -6.95	75.83 3.98 -2.17	88.29 4.09 -9.46	93.33 4.28 -1.49	75.65 3.42 -1.45
PLSNTVLE_13_KV_13.8KVDIST 80602	59.95 2.23 -17.13	72.96 2.88 -14.19	63.68 2.45 -14.57	59.50 2.30 -11.89	56.19 2.02 -16.40	58.31 2.82 -2.63	76.54 4.00 0.00	87.60 4.59 0.00	82.20 4.54 -0.16	68.70 3.44 0.00	59.66 3.35 0.00	55.23 3.44 0.00	39.56 2.52 0.00	39.22 2.35 0.00	49.90 3.07 0.00	73.81 4.24 0.00	92.71 5.46 0.00	96.29 5.42 -8.96	95.69 5.61 -4.97	87.36 5.07 -6.68	76.17 4.42 -2.07	88.31 4.54 -9.03	93.69 4.71 -1.42	75.95 3.78 -1.38
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	59.95 2.23 -17.13	72.96 2.88 -14.19	63.68 2.45 -14.57	59.50 2.30 -11.89	56.19 2.02 -16.40	58.31 2.82 -2.63	76.54 4.00 0.00	87.60 4.59 0.00	82.20 4.54 -0.16	68.70 3.44 0.00	59.66 3.35 0.00	55.23 3.44 0.00	39.56 2.52 0.00	39.22 2.35 0.00	49.90 3.07 0.00	73.81 4.24 0.00	92.71 5.46 0.00	96.29 5.42 -8.96	95.69 5.61 -4.97	87.36 5.07 -6.68	76.17 4.42 -2.07	88.31 4.54 -9.03	93.69 4.71 -1.42	75.95 3.78 -1.38
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	62.18 2.45 -19.15	74.96 3.21 -15.86	65.69 2.74 -16.29	61.21 2.61 -13.29	58.35 2.25 -18.34	58.95 3.15 -2.94	77.00 4.46 0.00	88.16 5.16 0.00	82.70 5.02 -0.17	69.02 3.76 0.00	59.89 3.57 0.00	55.34 3.54 0.00	39.61 2.57 0.00	39.31 2.44 0.00	50.05 3.21 0.00	74.10 4.53 0.00	93.20 5.95 0.00	97.51 5.76 -9.84	96.80 6.16 -5.53	88.25 5.55 -7.09	76.85 4.85 -2.31	89.82 4.99 -10.09	94.49 5.35 -1.59	76.57 4.24 -1.54
POLETTI___ 23519	59.79 2.18 -17.03	72.73 2.74 -14.11	63.44 2.30 -14.48	59.28 2.15 -11.82	55.98 1.91 -16.31	58.14 2.67 -2.62	76.35 3.81 0.00	87.45 4.45 0.00	82.04 4.38 -0.15	68.61 3.36 0.00	59.72 3.41 0.00	55.42 3.63 0.00	39.74 2.70 0.00	39.33 2.46 0.00	50.00 3.17 0.00	73.83 4.25 0.00	92.73 5.49 0.00	96.28 5.46 -8.91	95.68 5.63 -4.94	87.33 5.08 -6.63	76.15 4.41 -2.06	88.22 4.51 -8.98	93.56 4.60 -1.41	75.83 3.67 -1.37
POMONA___ESR 323819	58.79 1.83 -16.37	71.80 2.35 -13.56	62.59 2.00 -13.92	58.53 1.86 -11.36	55.11 1.67 -15.68	57.67 2.30 -2.52	75.84 3.30 0.00	86.82 3.82 0.00	81.42 3.76 -0.15	68.05 2.79 0.00	59.10 2.79 0.00	54.68 2.88 0.00	39.15 2.11 0.00	38.83 1.96 0.00	49.40 2.57 0.00	73.04 3.47 0.00	91.79 4.55 0.00	95.04 4.56 -8.56	94.55 4.69 -4.74	86.26 4.25 -6.39	75.35 3.69 -1.98	87.12 3.76 -8.63	92.75 3.84 -1.36	75.18 3.07 -1.32
PORT_JEFF_3 23555	61.13 3.51 -17.02	74.53 4.54 -14.10	64.92 3.78 -14.47	60.71 3.58 -11.81	57.18 3.12 -16.30	59.96 4.49 -2.62	132.79 6.50 -53.74	101.07 7.47 -10.60	90.02 7.03 -5.48	69.94 4.69 0.00	60.79 4.48 0.00	56.45 4.65 0.00	40.49 3.45 0.00	40.17 3.30 0.00	50.98 4.15 0.00	122.13 6.29 -46.27	120.52 8.12 -25.16	165.74 8.09 -75.73	231.94 8.38 -138.44	242.74 7.64 -159.48	244.03 6.96 -167.39	275.75 6.81 -194.20	268.80 7.49 -173.76	182.75 6.02 -105.94

PORT_JEFF_4 23616	61.27 3.66 -17.02	74.72 4.73 -14.10	65.07 3.93 -14.47	60.85 3.72 -11.81	57.30 3.24 -16.30	60.13 4.66 -2.62	133.04 6.76 -53.74	103.48 7.80 -12.68	91.36 7.33 -6.53	70.16 4.90 0.00	60.97 4.66 0.00	56.60 4.81 0.00	40.62 3.58 0.00	40.29 3.43 0.00	51.16 4.33 0.00	131.49 6.57 -55.35	125.56 8.21 -30.10	178.87 8.23 -88.73	257.15 8.51 -163.52	262.52 7.75 -179.16	260.49 7.09 -183.71	311.88 7.11 -230.03	302.98 7.85 -207.57	203.53 6.27 -126.46
PORT_JEFF_IC 23713	61.25 3.63 -17.02	74.69 4.69 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.27 3.21 -16.30	60.09 4.63 -2.62	132.99 6.71 -53.74	103.40 7.72 -12.68	91.32 7.28 -6.53	70.13 4.87 0.00	60.95 4.64 0.00	56.58 4.78 0.00	40.60 3.55 0.00	40.27 3.40 0.00	51.12 4.29 0.00	131.44 6.51 -55.35	125.47 8.13 -30.10	178.80 8.16 -88.73	257.07 8.43 -163.52	262.46 7.68 -179.16	260.42 7.03 -183.71	311.83 7.07 -230.03	302.93 7.79 -207.57	203.48 6.22 -126.46
PPL PILGRIM_ST_GT1 24216	61.22 3.61 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.81 3.68 -11.81	57.27 3.20 -16.30	60.05 4.57 -2.62	132.85 6.56 -53.74	92.63 7.45 -2.18	85.79 7.03 -1.25	70.03 4.77 0.00	60.90 4.58 0.00	56.58 4.78 0.00	40.52 3.49 0.00	40.17 3.30 0.00	51.02 4.18 0.00	85.37 6.30 -9.50	100.69 8.28 -5.17	113.00 8.01 -23.08	130.62 8.62 -36.89	163.28 7.86 -79.80	178.04 7.06 -101.29	130.77 6.95 -49.09	131.94 7.59 -36.80	99.70 6.07 -22.84
PPL PILGRIM_ST_GT2 24217	61.22 3.61 -17.02	74.68 4.68 -14.10	65.04 3.90 -14.47	60.81 3.68 -11.81	57.27 3.20 -16.30	60.05 4.57 -2.62	132.85 6.56 -53.74	92.63 7.45 -2.18	85.79 7.03 -1.25	70.03 4.77 0.00	60.90 4.58 0.00	56.58 4.78 0.00	40.52 3.49 0.00	40.17 3.30 0.00	51.02 4.18 0.00	85.37 6.30 -9.50	100.69 8.28 -5.17	113.00 8.01 -23.08	130.62 8.62 -36.89	163.28 7.86 -79.80	178.04 7.06 -101.29	130.77 6.95 -49.09	131.94 7.59 -36.80	99.70 6.07 -22.84
PPL_SHRM_GT3 24213	61.22 3.61 -17.02	74.66 4.66 -14.10	65.03 3.89 -14.47	60.83 3.71 -11.81	57.31 3.24 -16.30	60.15 4.68 -2.62	133.16 6.87 -53.74	101.92 8.03 -10.89	90.69 7.55 -5.63	70.27 5.02 0.00	60.99 4.68 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.17 4.33 0.00	123.80 6.71 -47.52	121.91 8.82 -25.84	168.02 8.58 -77.53	235.85 8.82 -141.91	246.00 8.18 -162.20	246.82 7.48 -169.65	280.97 7.08 -199.15	274.02 8.02 -178.44	186.04 6.46 -108.78
PPL_SHRM_GT4 24214	61.22 3.61 -17.02	74.66 4.66 -14.10	65.03 3.89 -14.47	60.83 3.71 -11.81	57.31 3.24 -16.30	60.15 4.68 -2.62	133.16 6.87 -53.74	101.92 8.03 -10.89	90.69 7.55 -5.63	70.27 5.02 0.00	60.99 4.68 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.17 4.33 0.00	123.80 6.71 -47.52	121.91 8.82 -25.84	168.02 8.58 -77.53	235.85 8.82 -141.91	246.00 8.18 -162.20	246.82 7.48 -169.65	280.97 7.08 -199.15	274.02 8.02 -178.44	186.04 6.46 -108.78
PROJECT___ORANGE 1 24174	39.28 -1.31 0.00	54.05 -1.83 0.00	45.24 -1.42 0.00	44.01 -1.30 0.00	36.73 -1.03 0.00	51.38 -1.47 0.00	70.65 -1.90 0.00	80.65 -2.35 0.00	75.40 -2.11 0.00	63.47 -1.79 0.00	54.92 -1.39 0.00	50.39 -1.41 0.00	36.06 -0.98 0.00	35.97 -0.90 0.00	45.69 -1.15 0.00	67.92 -1.65 0.00	85.03 -2.22 0.00	79.96 -1.95 0.00	83.00 -2.12 0.00	73.65 -1.97 0.00	67.80 -1.88 0.00	72.73 -2.02 0.00	85.16 -2.40 0.00	68.95 -1.84 0.00
PROJECT___ORANGE 2 24166	39.28 -1.31 0.00	54.05 -1.83 0.00	45.24 -1.42 0.00	44.01 -1.30 0.00	36.73 -1.03 0.00	51.38 -1.47 0.00	70.65 -1.90 0.00	80.65 -2.35 0.00	75.40 -2.11 0.00	63.47 -1.79 0.00	54.92 -1.39 0.00	50.39 -1.41 0.00	36.06 -0.98 0.00	35.97 -0.90 0.00	45.69 -1.15 0.00	67.92 -1.65 0.00	85.03 -2.22 0.00	79.96 -1.95 0.00	83.00 -2.12 0.00	73.65 -1.97 0.00	67.80 -1.88 0.00	72.73 -2.02 0.00	85.16 -2.40 0.00	68.95 -1.84 0.00
PUCKETT___SOLAR 323809	50.84 0.27 -9.98	64.57 0.42 -8.27	55.72 0.57 -8.48	52.96 0.73 -6.93	47.89 0.58 -9.56	55.29 0.91 -1.53	73.92 1.38 0.00	84.46 1.46 0.00	79.03 1.44 -0.09	66.26 1.01 0.00	57.20 0.88 0.00	52.42 0.62 0.00	37.45 0.42 0.00	37.38 0.51 0.00	47.67 0.84 0.00	71.22 1.65 0.00	88.92 1.67 0.00	88.30 1.16 -5.22	88.83 0.86 -2.85	79.48 0.73 -3.13	71.68 0.79 -1.21	80.63 0.63 -5.26	88.61 0.22 -0.83	72.07 0.47 -0.80
PYRITES___HYD 24023	41.87 1.29 0.00	57.74 1.86 0.00	47.99 1.33 0.00	46.54 1.23 0.00	38.64 0.88 0.00	54.22 1.37 0.00	74.40 1.86 0.00	85.54 2.54 0.00	79.63 2.12 0.00	67.09 1.84 0.00	57.16 0.85 0.00	52.27 0.47 0.00	37.26 0.22 0.00	37.15 0.28 0.00	47.07 0.24 0.00	70.95 1.37 0.00	88.80 1.55 0.00	82.47 0.56 0.00	85.85 0.73 0.00	76.23 0.61 0.00	70.66 0.98 0.00	76.46 1.72 0.00	90.40 2.85 0.00	72.98 2.18 0.00
QUAKERRD_115KV_BK1 80622	37.74 -2.85 0.00	51.96 -3.93 0.00	43.49 -3.17 0.00	42.44 -2.87 0.00	35.42 -2.34 0.00	49.61 -3.25 0.00	68.29 -4.25 0.00	77.56 -5.44 0.00	72.54 -4.97 0.00	61.34 -3.92 0.00	53.29 -3.02 0.00	48.64 -3.16 0.00	34.78 -2.26 0.00	34.78 -2.09 0.00	44.09 -2.74 0.00	65.56 -4.02 0.00	81.91 -5.34 0.00	76.83 -5.08 0.00	79.54 -5.61 -0.04	71.15 -5.21 -0.75	64.90 -4.79 0.00	69.76 -4.98 0.00	82.13 -5.43 0.00	66.67 -4.13 0.00
QUENSBRY_115KV_TB8 356137	227.65 3.54 -183.52	212.80 4.86 -152.05	206.83 4.10 -156.07	176.65 3.97 -127.37	216.94 3.41 -175.77	86.00 4.94 -28.21	79.28 6.73 0.00	90.85 7.85 0.00	86.75 7.58 -1.67	70.96 5.70 0.00	61.12 4.81 0.00	56.07 4.27 0.00	40.02 2.98 0.00	39.84 2.98 0.00	50.76 3.93 0.00	75.59 6.02 0.00	95.34 8.10 0.00	186.22 8.27 -96.03	145.01 8.46 -51.43	120.31 7.43 -37.26	98.69 6.85 -22.15	178.95 7.48 -96.72	111.36 8.59 -15.21	92.46 6.90 -14.77
RAMAPO___LBMP 323565	58.59 1.70 -16.30	71.59 2.20 -13.50	62.39 1.87 -13.86	58.36 1.74 -11.31	54.94 1.56 -15.61	57.51 2.16 -2.51	75.65 3.11 0.00	86.57 3.57 0.00	81.18 3.53 -0.15	67.85 2.60 0.00	58.91 2.60 0.00	54.51 2.71 0.00	39.03 1.99 0.00	38.71 1.84 0.00	49.25 2.42 0.00	72.82 3.25 0.00	91.50 4.26 0.00	94.72 4.28 -8.53	94.25 4.41 -4.73	85.99 4.01 -6.37	75.10 3.45 -1.97	86.85 3.52 -8.59	92.48 3.57 -1.35	74.95 2.84 -1.31
RANKINE____ 23646	37.26 -3.33 0.00	51.40 -4.48 0.00	43.11 -3.55 0.00	42.33 -2.98 0.00	35.34 -2.43 0.00	49.51 -3.34 0.00	68.22 -4.32 0.00	76.70 -6.30 0.00	71.86 -5.65 0.00	61.13 -4.13 0.00	53.54 -2.77 0.00	48.38 -3.41 0.00	34.62 -2.42 0.00	34.74 -2.14 0.00	43.85 -2.99 0.00	65.02 -4.55 0.00	80.55 -6.69 0.00	75.23 -6.69 0.00	77.73 -7.44 -0.05	69.70 -6.96 -1.05	63.51 -6.18 0.00	68.44 -6.30 0.00	81.39 -6.17 0.00	66.68 -4.11 0.00
RAVENSWOOD_GT2_1 24244	59.87 2.26 -17.03	72.88 2.88 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.09 2.02 -16.31	58.28 2.81 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.49 3.70 0.00	39.75 2.71 0.00	39.39 2.52 0.00	50.08 3.25 0.00	73.96 4.38 0.00	92.91 5.66 0.00	96.44 5.62 -8.91	95.84 5.79 -4.94	87.48 5.23 -6.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.74 4.77 -1.41	75.96 3.80 -1.37

RAVENSWOOD_GT2_2 24245	59.87 2.26 -17.03	72.88 2.88 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.09 2.02 -16.31	58.28 2.81 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.49 3.70 0.00	39.75 2.71 0.00	39.39 2.52 0.00	50.08 3.25 0.00	73.96 4.38 0.00	92.91 5.66 0.00	96.44 5.62 -8.91	95.84 5.79 -4.94	87.48 5.23 -6.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.74 4.77 -1.41	75.96 3.80 -1.37
RAVENSWOOD_GT2_3 24246	59.90 2.28 -17.03	72.91 2.91 -14.11	63.61 2.46 -14.48	59.43 2.30 -11.82	56.11 2.04 -16.31	58.30 2.83 -2.62	76.59 4.05 0.00	87.72 4.72 0.00	82.32 4.66 -0.15	68.84 3.58 0.00	59.88 3.56 0.00	55.52 3.72 0.00	39.77 2.73 0.00	39.40 2.53 0.00	50.11 3.28 0.00	74.00 4.42 0.00	92.97 5.72 0.00	96.48 5.66 -8.91	95.91 5.86 -4.94	87.52 5.27 -6.63	76.33 4.59 -2.06	88.41 4.69 -8.98	93.83 4.86 -1.41	76.01 3.84 -1.37
RAVENSWOOD_GT2_4 24247	59.90 2.28 -17.03	72.91 2.91 -14.11	63.61 2.46 -14.48	59.43 2.30 -11.82	56.11 2.04 -16.31	58.30 2.83 -2.62	76.59 4.05 0.00	87.72 4.72 0.00	82.32 4.66 -0.15	68.84 3.58 0.00	59.88 3.56 0.00	55.52 3.72 0.00	39.77 2.73 0.00	39.40 2.53 0.00	50.11 3.28 0.00	74.00 4.42 0.00	92.97 5.72 0.00	96.48 5.66 -8.91	95.91 5.86 -4.94	87.52 5.27 -6.63	76.33 4.59 -2.06	88.41 4.69 -8.98	93.83 4.86 -1.41	76.01 3.84 -1.37
RAVENSWOOD_GT3_1 24248	59.87 2.26 -17.03	72.88 2.88 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.09 2.02 -16.31	58.28 2.81 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.49 3.70 0.00	39.75 2.71 0.00	39.39 2.52 0.00	50.08 3.25 0.00	73.96 4.38 0.00	92.92 5.68 0.00	96.44 5.62 -8.91	95.84 5.79 -4.94	87.48 5.23 -6.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.74 4.77 -1.41	75.96 3.80 -1.37
RAVENSWOOD_GT3_2 24249	59.87 2.26 -17.03	72.88 2.88 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.09 2.02 -16.31	58.28 2.81 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.49 3.70 0.00	39.75 2.71 0.00	39.39 2.52 0.00	50.08 3.25 0.00	73.96 4.38 0.00	92.92 5.68 0.00	96.44 5.62 -8.91	95.84 5.79 -4.94	87.48 5.23 -6.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.74 4.77 -1.41	75.96 3.80 -1.37
RAVENSWOOD_GT3_3 24250	59.93 2.32 -17.03	72.96 2.96 -14.11	63.64 2.50 -14.48	59.47 2.34 -11.82	56.14 2.06 -16.31	58.35 2.88 -2.62	76.67 4.12 0.00	87.81 4.81 0.00	82.40 4.74 -0.15	68.90 3.65 0.00	59.94 3.63 0.00	55.57 3.78 0.00	39.82 2.78 0.00	39.44 2.57 0.00	50.17 3.33 0.00	74.08 4.50 0.00	93.07 5.82 0.00	96.58 5.76 -8.91	96.00 5.95 -4.94	87.60 5.35 -6.63	76.41 4.67 -2.06	88.48 4.76 -8.98	93.92 4.95 -1.41	76.08 3.91 -1.37
RAVENSWOOD_GT3_4 24251	59.93 2.32 -17.03	72.96 2.96 -14.11	63.64 2.50 -14.48	59.47 2.34 -11.82	56.14 2.06 -16.31	58.35 2.88 -2.62	76.67 4.12 0.00	87.81 4.81 0.00	82.40 4.74 -0.15	68.90 3.65 0.00	59.94 3.63 0.00	55.57 3.78 0.00	39.82 2.78 0.00	39.44 2.57 0.00	50.17 3.33 0.00	74.08 4.50 0.00	93.07 5.82 0.00	96.58 5.76 -8.91	96.00 5.95 -4.94	87.60 5.35 -6.63	76.41 4.67 -2.06	88.48 4.76 -8.98	93.92 4.95 -1.41	76.08 3.91 -1.37
RAVENSWOOD_GT_1 23729	60.00 2.38 -17.03	73.04 3.05 -14.11	63.72 2.57 -14.48	59.54 2.41 -11.82	56.43 2.15 -16.52	58.47 2.97 -2.65	76.80 4.25 0.00	87.98 4.98 0.00	82.56 4.90 -0.15	69.07 3.82 0.00	60.11 3.80 0.00	57.24 3.99 -1.45	43.40 2.92 -3.44	43.13 2.73 -3.52	52.33 3.51 -1.99	75.65 4.70 -1.38	93.33 6.08 0.00	105.74 6.00 -17.83	116.10 6.19 -24.80	112.04 5.57 -30.86	76.60 4.86 -2.06	88.70 4.98 -8.98	94.05 5.09 -1.41	76.23 4.07 -1.37
RAVENSWOOD_GT_10 24258	59.87 2.26 -17.03	72.89 2.89 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.12 2.02 -16.33	58.29 2.82 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.67 3.69 -0.18	40.17 2.71 -0.43	39.82 2.51 -0.44	50.33 3.25 -0.25	74.13 4.38 -0.17	92.92 5.67 0.00	97.55 5.62 -10.01	98.30 5.79 -7.39	90.48 5.23 -9.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.75 4.78 -1.41	75.97 3.81 -1.37
RAVENSWOOD_GT_11 24259	59.87 2.26 -17.03	72.89 2.89 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.12 2.02 -16.33	58.29 2.82 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.67 3.69 -0.18	40.17 2.71 -0.43	39.82 2.51 -0.44	50.33 3.25 -0.25	74.13 4.38 -0.17	92.92 5.67 0.00	97.55 5.62 -10.01	98.30 5.79 -7.39	90.48 5.23 -9.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.75 4.78 -1.41	75.97 3.81 -1.37
RAVENSWOOD_GT_4 24252	59.87 2.25 -17.03	72.86 2.86 -14.11	63.57 2.42 -14.48	59.40 2.27 -11.82	56.24 2.01 -16.47	58.29 2.80 -2.64	76.56 4.01 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.77 3.52 0.00	59.81 3.50 0.00	56.54 3.66 -1.08	42.29 2.69 -2.57	41.99 2.49 -2.63	51.53 3.21 -1.48	74.95 4.35 -1.03	92.86 5.61 0.00	103.05 5.57 -15.56	110.63 5.76 -19.75	105.50 5.18 -24.71	76.25 4.51 -2.06	88.33 4.62 -8.98	93.74 4.77 -1.41	75.93 3.77 -1.37
RAVENSWOOD_GT_5 24254	59.87 2.25 -17.03	72.86 2.86 -14.11	63.57 2.42 -14.48	59.40 2.27 -11.82	56.24 2.01 -16.47	58.29 2.80 -2.64	76.56 4.01 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.77 3.52 0.00	59.81 3.50 0.00	56.54 3.66 -1.08	42.29 2.69 -2.57	41.99 2.49 -2.63	51.53 3.21 -1.48	74.95 4.35 -1.03	92.86 5.61 0.00	103.05 5.57 -15.56	110.63 5.76 -19.75	105.50 5.18 -24.71	76.25 4.51 -2.06	88.33 4.62 -8.98	93.74 4.77 -1.41	75.93 3.77 -1.37
RAVENSWOOD_GT_6 24253	59.87 2.25 -17.03	72.86 2.86 -14.11	63.57 2.42 -14.48	59.40 2.27 -11.82	56.24 2.01 -16.47	58.29 2.80 -2.64	76.56 4.01 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.77 3.52 0.00	59.81 3.50 0.00	56.54 3.66 -1.08	42.29 2.69 -2.57	41.99 2.49 -2.63	51.53 3.21 -1.48	74.95 4.35 -1.03	92.86 5.61 0.00	103.05 5.57 -15.56	110.63 5.76 -19.75	105.50 5.18 -24.71	76.25 4.51 -2.06	88.33 4.62 -8.98	93.74 4.77 -1.41	75.93 3.77 -1.37
RAVENSWOOD_GT_7 24255	59.87 2.25 -17.03	72.86 2.86 -14.11	63.57 2.42 -14.48	59.40 2.27 -11.82	56.24 2.01 -16.47	58.29 2.80 -2.64	76.56 4.01 0.00	87.66 4.66 0.00	82.25 4.59 -0.15	68.77 3.52 0.00	59.81 3.50 0.00	56.54 3.66 -1.08	42.29 2.69 -2.57	41.99 2.49 -2.63	51.53 3.21 -1.48	74.95 4.35 -1.03	92.86 5.61 0.00	103.05 5.57 -15.56	110.63 5.76 -19.75	105.50 5.18 -24.71	76.25 4.51 -2.06	88.33 4.62 -8.98	93.74 4.77 -1.41	75.93 3.77 -1.37
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	59.87 2.26 -17.03	72.89 2.89 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.12 2.02 -16.33	58.29 2.82 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.67 3.69 -0.18	40.17 2.71 -0.43	39.82 2.51 -0.44	50.33 3.25 -0.25	74.13 4.38 -0.17	92.92 5.67 0.00	97.55 5.62 -10.01	98.30 5.79 -7.39	90.48 5.23 -9.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.75 4.78 -1.41	75.97 3.81 -1.37

RAVENSWOOD_GT_9 24257	59.87 2.26 -17.03	72.89 2.89 -14.11	63.58 2.43 -14.48	59.41 2.28 -11.82	56.12 2.02 -16.33	58.29 2.82 -2.62	76.56 4.02 0.00	87.69 4.69 0.00	82.26 4.60 -0.15	68.79 3.54 0.00	59.84 3.52 0.00	55.67 3.69 -0.18	40.17 2.71 -0.43	39.82 2.51 -0.44	50.33 3.25 -0.25	74.13 4.38 -0.17	92.92 5.67 0.00	97.55 5.62 -10.01	98.30 5.79 -7.39	90.48 5.23 -9.63	76.28 4.54 -2.06	88.37 4.65 -8.98	93.75 4.78 -1.41	75.97 3.81 -1.37
RAVENSWOOD___1 23533	59.93 2.31 -17.03	72.94 2.94 -14.11	63.63 2.49 -14.48	59.46 2.33 -11.82	55.94 2.08 -16.10	58.31 2.87 -2.59	76.65 4.10 0.00	87.82 4.82 0.00	82.41 4.75 -0.15	68.93 3.68 0.00	59.98 3.67 0.00	54.25 3.87 1.43	36.49 2.84 3.38	36.07 2.66 3.46	48.29 3.41 1.95	72.79 4.57 1.35	93.18 5.94 0.00	87.93 5.87 -0.14	76.58 6.06 14.59	63.88 5.45 17.18	76.47 4.74 -2.06	88.58 4.87 -8.98	93.92 4.95 -1.41	76.13 3.97 -1.37
RAVENSWOOD___2 23534	59.93 2.31 -17.03	72.94 2.94 -14.11	63.63 2.49 -14.48	59.46 2.33 -11.82	55.94 2.08 -16.10	58.31 2.87 -2.59	76.65 4.10 0.00	87.82 4.82 0.00	82.41 4.75 -0.15	68.93 3.68 0.00	59.98 3.67 0.00	54.25 3.87 1.43	36.49 2.84 3.38	36.07 2.66 3.46	48.29 3.41 1.95	72.79 4.57 1.35	93.18 5.94 0.00	87.93 5.87 -0.14	76.58 6.06 14.59	63.88 5.45 17.18	76.47 4.74 -2.06	88.58 4.87 -8.98	93.92 4.95 -1.41	76.13 3.97 -1.37
RAVENSWOOD___3 23535	59.87 2.25 -17.03	72.89 2.89 -14.11	63.57 2.43 -14.48	59.41 2.28 -11.82	56.10 2.03 -16.31	58.28 2.82 -2.62	76.56 4.02 0.00	87.69 4.68 0.00	82.27 4.61 -0.15	68.80 3.54 0.00	59.84 3.53 0.00	55.50 3.70 0.00	39.76 2.72 0.00	39.40 2.53 0.00	50.09 3.25 0.00	73.96 4.38 0.00	92.92 5.68 0.00	96.46 5.63 -8.91	95.85 5.80 -4.94	87.48 5.23 -6.63	76.29 4.55 -2.06	88.38 4.67 -8.98	93.75 4.78 -1.41	75.97 3.81 -1.37
RAVENSWOOD___4 23820	59.93 2.31 -17.03	72.94 2.94 -14.11	63.63 2.49 -14.48	59.46 2.33 -11.82	55.94 2.08 -16.10	58.31 2.87 -2.59	76.65 4.10 0.00	87.82 4.82 0.00	82.41 4.75 -0.15	68.93 3.68 0.00	59.98 3.67 0.00	54.25 3.87 1.43	36.49 2.84 3.38	36.07 2.66 3.46	48.29 3.41 1.95	72.79 4.57 1.35	93.18 5.94 0.00	87.93 5.87 -0.14	76.58 6.06 14.59	63.88 5.45 17.18	76.47 4.74 -2.06	88.58 4.87 -8.98	93.92 4.95 -1.41	76.13 3.97 -1.37
RCPI_TRUST___DRP 24196	59.92 2.30 -17.03	72.94 2.95 -14.11	63.62 2.48 -14.48	59.46 2.33 -11.82	56.13 2.05 -16.31	58.35 2.88 -2.62	76.63 4.09 0.00	87.79 4.79 0.00	82.37 4.71 -0.15	68.88 3.62 0.00	59.92 3.61 0.00	55.54 3.75 0.00	39.79 2.75 0.00	39.44 2.57 0.00	50.14 3.30 0.00	74.05 4.48 0.00	93.03 5.79 0.00	96.55 5.73 -8.91	95.97 5.93 -4.93	87.56 5.31 -6.63	76.37 4.63 -2.06	88.46 4.75 -8.98	93.87 4.90 -1.41	76.06 3.90 -1.37
RED___ROCHESTER 323720	38.61 -1.97 0.00	53.13 -2.76 0.00	44.45 -2.22 0.00	43.40 -1.91 0.00	36.23 -1.53 0.00	50.75 -2.11 0.00	69.90 -2.64 0.00	79.28 -3.72 0.00	74.22 -3.29 0.00	62.82 -2.43 0.00	54.63 -1.68 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.62 -1.25 0.00	45.15 -1.69 0.00	67.11 -2.46 0.00	83.79 -3.46 0.00	78.66 -3.25 0.00	81.45 -3.71 -0.04	72.81 -3.59 -0.78	66.39 -3.29 0.00	71.36 -3.38 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
REGAN___SOLAR 323812	226.33 2.83 -182.91	211.26 3.83 -151.55	205.52 3.31 -155.55	175.50 3.24 -126.94	215.69 2.75 -175.18	84.83 3.86 -28.12	77.97 5.43 0.00	89.29 6.29 0.00	84.99 5.82 -1.67	69.54 4.28 0.00	58.75 2.44 0.00	53.59 1.79 0.00	38.26 1.23 0.00	38.25 1.38 0.00	49.36 2.53 0.00	74.04 4.46 0.00	94.07 6.82 0.00	184.61 6.98 -95.71	143.55 7.19 -51.25	118.77 6.21 -36.94	97.28 5.52 -22.08	176.86 5.72 -96.40	109.16 6.44 -15.16	90.61 5.10 -14.72
RENSSELAER___COGEN 23796	136.16 1.62 -93.95	135.91 2.19 -77.84	128.55 1.99 -79.90	112.43 1.91 -65.20	129.39 1.65 -89.98	69.46 2.17 -14.44	75.41 2.86 0.00	86.14 3.13 0.00	81.40 3.04 -0.86	67.64 2.38 0.00	58.50 2.19 0.00	53.91 2.12 0.00	38.53 1.49 0.00	38.28 1.42 0.00	48.77 1.93 0.00	72.22 2.65 0.00	90.68 3.43 0.00	134.33 3.26 -49.16	114.87 3.32 -26.43	99.73 2.99 -21.13	83.77 2.74 -11.34	127.28 3.03 -49.51	98.74 3.40 -7.79	81.20 2.85 -7.56
REPUBLIC_115KV_BARTNBRK 55605	228.05 4.96 -182.50	213.95 6.86 -151.20	207.49 5.63 -155.19	177.49 5.52 -126.66	217.28 4.73 -174.79	88.07 7.16 -28.05	82.10 9.56 0.00	94.36 11.36 0.00	90.11 10.94 -1.66	72.67 7.41 0.00	62.43 6.12 0.00	57.31 5.51 0.00	40.90 3.86 0.00	40.71 3.84 0.00	51.97 5.13 0.00	77.75 8.18 0.00	98.62 11.37 0.00	189.68 12.27 -95.49	148.94 12.68 -51.14	123.76 11.07 -37.08	101.99 10.28 -22.03	182.25 11.32 -96.18	116.16 13.48 -15.13	96.17 10.69 -14.68
REVERE_CPPR_DRP 24186	41.98 1.39 0.00	57.79 1.91 0.00	48.39 1.73 0.00	47.04 1.73 0.00	39.20 1.44 0.00	54.89 2.04 0.00	75.70 3.16 0.00	86.86 3.86 0.00	81.36 3.85 0.00	68.41 3.16 0.00	58.92 2.60 0.00	53.82 2.02 0.00	38.49 1.45 0.00	38.37 1.50 0.00	48.78 1.95 0.00	72.85 3.28 0.00	91.55 4.30 0.00	85.86 3.94 0.00	89.23 4.11 0.00	79.13 3.52 0.00	72.77 3.09 0.00	77.96 3.21 0.00	91.10 3.54 0.00	73.49 2.70 0.00
REYNOLDS_115KV_TB3 80639	148.34 1.82 -105.93	146.16 2.51 -87.76	138.96 2.22 -90.08	120.96 2.13 -73.52	141.05 1.83 -101.45	71.57 2.43 -16.28	75.81 3.27 0.00	86.62 3.62 0.00	81.98 3.51 -0.96	67.99 2.74 0.00	58.84 2.53 0.00	54.24 2.44 0.00	38.77 1.73 0.00	38.52 1.65 0.00	49.05 2.22 0.00	72.67 3.09 0.00	91.18 3.94 0.00	141.13 3.79 -55.43	118.74 3.85 -29.77	102.39 3.50 -23.28	85.67 3.20 -12.78	134.06 3.49 -55.83	100.23 3.90 -8.78	82.50 3.19 -8.52
RIVERBAY____ 323610	59.87 2.25 -17.03	72.86 2.87 -14.11	63.62 2.48 -14.48	59.45 2.32 -11.82	56.15 2.07 -16.31	58.32 2.85 -2.62	76.71 4.17 0.00	87.85 4.85 0.00	82.46 4.80 -0.15	68.97 3.72 0.00	59.97 3.66 0.00	55.66 3.86 0.00	39.80 2.76 0.00	39.52 2.65 0.00	50.31 3.48 0.00	74.18 4.60 0.00	93.41 6.16 0.00	96.85 6.03 -8.91	96.25 6.20 -4.94	87.83 5.58 -6.63	76.59 4.85 -2.06	88.74 5.02 -8.98	94.18 5.21 -1.41	76.33 4.17 -1.37
RIVERSDE_115KV_TB3 55908	149.58 1.76 -107.23	147.12 2.40 -88.84	140.00 2.15 -91.19	121.79 2.07 -74.42	142.24 1.78 -102.70	71.70 2.36 -16.48	75.72 3.17 0.00	86.51 3.51 0.00	81.88 3.40 -0.98	67.92 2.67 0.00	58.76 2.45 0.00	54.16 2.36 0.00	38.72 1.68 0.00	38.47 1.60 0.00	48.99 2.16 0.00	72.58 3.00 0.00	91.09 3.84 0.00	141.68 3.65 -56.11	118.96 3.71 -30.14	102.49 3.36 -23.52	85.72 3.09 -12.94	134.63 3.37 -56.51	100.23 3.79 -8.89	82.51 3.10 -8.63
ROARING___BROOK_WT_PWR 323790	40.46 -0.13 0.00	55.81 -0.08 0.00	46.51 -0.15 0.00	45.17 -0.14 0.00	37.64 -0.12 0.00	52.65 -0.20 0.00	72.28 -0.26 0.00	82.99 -0.01 0.00	77.47 -0.04 0.00	65.37 0.11 0.00	56.24 -0.08 0.00	51.67 -0.13 0.00	36.93 -0.11 0.00	36.77 -0.10 0.00	46.68 -0.16 0.00	69.44 -0.13 0.00	87.07 -0.18 0.00	81.49 -0.42 0.00	84.74 -0.37 0.00	75.27 -0.34 0.00	69.39 -0.30 0.00	74.47 -0.27 0.00	87.35 -0.21 0.00	70.67 -0.12 0.00

ROCHESRG_115KV_T4 355643	38.09 -2.49 0.00	52.45 -3.44 0.00	43.92 -2.74 0.00	42.89 -2.42 0.00	35.80 -1.96 0.00	50.14 -2.71 0.00	69.04 -3.50 0.00	78.28 -4.72 0.00	73.24 -4.26 0.00	62.00 -3.25 0.00	53.95 -2.37 0.00	49.15 -2.65 0.00	35.15 -1.90 0.00	35.15 -1.72 0.00	44.54 -2.30 0.00	66.19 -3.39 0.00	82.63 -4.62 0.00	77.47 -4.44 0.00	80.17 -4.98 -0.04	71.71 -4.69 -0.78	65.42 -4.27 0.00	70.36 -4.38 0.00	82.99 -4.56 0.00	67.45 -3.35 0.00
ROCHESTER_9_IC 23652	38.36 -2.24 0.00	52.80 -3.09 0.00	44.20 -2.47 0.00	43.16 -2.15 0.00	36.03 -1.73 0.00	50.46 -2.40 0.00	69.51 -3.04 0.00	78.81 -4.19 0.00	73.78 -3.72 0.00	62.45 -2.81 0.00	54.30 -2.01 0.00	49.47 -2.32 0.00	35.37 -1.67 0.00	35.38 -1.49 0.00	44.85 -1.99 0.00	66.65 -2.92 0.00	83.25 -4.00 0.00	78.07 -3.84 0.00	80.83 -4.33 -0.04	72.27 -4.12 -0.78	65.91 -3.77 0.00	70.88 -3.87 0.00	83.57 -3.99 0.00	67.89 -2.91 0.00
ROCKVIEW_13_KV_LD 356306	59.98 2.37 -17.03	73.07 3.07 -14.11	63.73 2.59 -14.48	59.55 2.43 -11.82	56.20 2.13 -16.31	58.46 2.99 -2.62	76.77 4.23 0.00	87.93 4.93 0.00	82.48 4.82 -0.15	68.93 3.68 0.00	59.90 3.59 0.00	55.49 3.69 0.00	39.74 2.70 0.00	39.40 2.53 0.00	50.10 3.27 0.00	74.10 4.52 0.00	93.08 5.83 0.00	96.60 5.78 -8.91	96.02 5.97 -4.94	87.64 5.39 -6.63	76.44 4.70 -2.06	88.53 4.81 -8.98	94.00 5.04 -1.41	76.15 3.99 -1.37
ROME____115KV_TB2 80656	41.98 1.39 0.00	57.79 1.91 0.00	48.39 1.73 0.00	47.04 1.73 0.00	39.20 1.44 0.00	54.89 2.04 0.00	75.70 3.16 0.00	86.86 3.86 0.00	81.36 3.85 0.00	68.41 3.16 0.00	58.92 2.60 0.00	53.82 2.02 0.00	38.49 1.45 0.00	38.37 1.50 0.00	48.78 1.95 0.00	72.85 3.28 0.00	91.55 4.30 0.00	85.86 3.94 0.00	89.23 4.11 0.00	79.13 3.52 0.00	72.77 3.09 0.00	77.96 3.21 0.00	91.10 3.54 0.00	73.49 2.70 0.00
ROSETON___1 23587	59.00 1.88 -16.53	72.03 2.45 -13.69	62.82 2.10 -14.05	58.77 1.98 -11.47	55.34 1.75 -15.83	57.80 2.41 -2.54	75.95 3.41 0.00	86.93 3.92 0.00	81.51 3.86 -0.15	68.16 2.91 0.00	59.15 2.84 0.00	54.71 2.91 0.00	39.15 2.11 0.00	38.84 1.97 0.00	49.43 2.60 0.00	73.15 3.58 0.00	91.87 4.63 0.00	95.13 4.57 -8.64	94.64 4.73 -4.79	86.45 4.30 -6.54	75.41 3.73 -2.00	87.27 3.82 -8.71	92.92 3.99 -1.37	75.22 3.10 -1.33
ROSETON___2 23588	59.00 1.88 -16.53	72.03 2.45 -13.69	62.82 2.10 -14.05	58.77 1.98 -11.47	55.34 1.75 -15.83	57.80 2.41 -2.54	75.95 3.41 0.00	86.93 3.92 0.00	81.51 3.86 -0.15	68.16 2.91 0.00	59.15 2.84 0.00	54.71 2.91 0.00	39.15 2.11 0.00	38.84 1.97 0.00	49.43 2.60 0.00	73.15 3.58 0.00	91.87 4.63 0.00	95.13 4.57 -8.64	94.64 4.73 -4.79	86.45 4.30 -6.54	75.41 3.73 -2.00	87.27 3.82 -8.71	92.92 3.99 -1.37	75.22 3.10 -1.33
ROTTTRDAM_115KV_TB3 80664	242.76 1.58 -200.59	224.25 2.17 -166.19	219.12 1.88 -170.58	186.35 1.83 -139.21	231.44 1.56 -192.12	85.82 2.14 -30.84	75.45 2.91 0.00	86.34 3.34 0.00	82.53 3.20 -1.83	67.71 2.46 0.00	58.43 2.12 0.00	53.77 1.97 0.00	38.41 1.37 0.00	38.21 1.34 0.00	48.69 1.85 0.00	72.32 2.75 0.00	90.93 3.68 0.00	190.54 3.67 -104.96	145.06 3.75 -56.19	119.32 3.37 -40.34	96.89 3.00 -24.21	183.65 3.18 -105.72	107.69 3.51 -16.62	89.74 2.81 -16.14
RUSSELL___1 23602	38.59 -2.00 0.00	53.10 -2.78 0.00	44.44 -2.22 0.00	43.40 -1.91 0.00	36.22 -1.54 0.00	50.74 -2.12 0.00	69.90 -2.65 0.00	79.29 -3.71 0.00	74.23 -3.28 0.00	62.82 -2.43 0.00	54.63 -1.69 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.61 -1.26 0.00	45.14 -1.70 0.00	67.11 -2.47 0.00	83.80 -3.45 0.00	78.63 -3.28 0.00	81.43 -3.73 -0.04	72.80 -3.60 -0.78	66.39 -3.30 0.00	71.35 -3.39 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
RUSSELL___2 23532	38.59 -2.00 0.00	53.10 -2.78 0.00	44.44 -2.22 0.00	43.40 -1.91 0.00	36.22 -1.54 0.00	50.74 -2.12 0.00	69.90 -2.65 0.00	79.29 -3.71 0.00	74.23 -3.28 0.00	62.82 -2.43 0.00	54.63 -1.69 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.61 -1.26 0.00	45.14 -1.70 0.00	67.11 -2.47 0.00	83.80 -3.45 0.00	78.63 -3.28 0.00	81.43 -3.73 -0.04	72.80 -3.60 -0.78	66.39 -3.30 0.00	71.35 -3.39 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
RUSSELL___3 23549	38.59 -2.00 0.00	53.10 -2.78 0.00	44.44 -2.22 0.00	43.40 -1.91 0.00	36.22 -1.54 0.00	50.74 -2.12 0.00	69.90 -2.65 0.00	79.29 -3.71 0.00	74.23 -3.28 0.00	62.82 -2.43 0.00	54.63 -1.69 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.61 -1.26 0.00	45.14 -1.70 0.00	67.11 -2.47 0.00	83.80 -3.45 0.00	78.63 -3.28 0.00	81.43 -3.73 -0.04	72.80 -3.60 -0.78	66.39 -3.30 0.00	71.35 -3.39 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
RUSSELL___4 23556	38.59 -2.00 0.00	53.10 -2.78 0.00	44.44 -2.22 0.00	43.40 -1.91 0.00	36.22 -1.54 0.00	50.74 -2.12 0.00	69.90 -2.65 0.00	79.29 -3.71 0.00	74.23 -3.28 0.00	62.82 -2.43 0.00	54.63 -1.69 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.61 -1.26 0.00	45.14 -1.70 0.00	67.11 -2.47 0.00	83.80 -3.45 0.00	78.63 -3.28 0.00	81.43 -3.73 -0.04	72.80 -3.60 -0.78	66.39 -3.30 0.00	71.35 -3.39 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
RUSSELL___STATION 23914	38.59 -2.00 0.00	53.10 -2.78 0.00	44.44 -2.22 0.00	43.40 -1.91 0.00	36.22 -1.54 0.00	50.74 -2.12 0.00	69.90 -2.65 0.00	79.29 -3.71 0.00	74.23 -3.28 0.00	62.82 -2.43 0.00	54.63 -1.69 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.61 -1.26 0.00	45.14 -1.70 0.00	67.11 -2.47 0.00	83.80 -3.45 0.00	78.63 -3.28 0.00	81.43 -3.73 -0.04	72.80 -3.60 -0.78	66.39 -3.30 0.00	71.35 -3.39 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
S SALMON___HYD 24043	39.47 -1.12 0.00	54.36 -1.53 0.00	45.55 -1.11 0.00	44.23 -1.08 0.00	36.87 -0.89 0.00	51.49 -1.37 0.00	71.03 -1.51 0.00	81.57 -1.43 0.00	76.32 -1.18 0.00	64.18 -1.08 0.00	55.40 -0.91 0.00	50.85 -0.95 0.00	36.37 -0.66 0.00	36.24 -0.63 0.00	45.97 -0.86 0.00	68.66 -0.92 0.00	86.03 -1.21 0.00	80.85 -1.07 0.00	84.08 -1.03 0.00	74.58 -1.04 0.00	68.62 -1.06 0.00	73.72 -1.02 0.00	86.30 -1.26 0.00	69.79 -1.00 0.00
S.PERRY__115KV_TB1 80734	38.44 -2.15 0.00	53.02 -2.87 0.00	44.52 -2.14 0.00	43.55 -1.76 0.00	36.41 -1.35 0.00	51.08 -1.77 0.00	70.40 -2.14 0.00	79.94 -3.06 0.00	74.78 -2.72 0.00	62.94 -2.32 0.00	54.27 -2.05 0.00	49.00 -2.80 0.00	34.84 -2.20 0.00	35.07 -1.80 0.00	45.00 -1.84 0.00	66.77 -2.81 0.00	83.12 -4.12 0.00	78.14 -3.77 0.00	81.07 -4.10 -0.06	72.89 -3.84 -1.12	65.84 -3.85 0.00	70.62 -4.12 0.00	83.39 -4.17 0.00	68.20 -2.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.76 -3.83 0.00	50.72 -5.17 0.00	42.52 -4.14 0.00	41.73 -3.58 0.00	34.86 -2.90 0.00	48.81 -4.04 0.00	67.30 -5.24 0.00	75.61 -7.40 0.00	70.84 -6.67 0.00	60.31 -4.94 0.00	52.89 -3.43 0.00	47.81 -3.99 0.00	34.20 -2.84 0.00	34.29 -2.58 0.00	43.22 -3.62 0.00	64.12 -5.46 0.00	79.52 -7.72 0.00	74.31 -7.61 0.00	76.69 -8.47 -0.05	68.76 -7.85 -1.00	62.67 -7.01 0.00	67.59 -7.16 0.00	80.43 -7.13 0.00	65.85 -4.94 0.00

SAWYER___23_KV_LOAD 55526	36.76 -3.83 0.00	50.72 -5.17 0.00	42.52 -4.14 0.00	41.73 -3.58 0.00	34.86 -2.90 0.00	48.81 -4.04 0.00	67.30 -5.24 0.00	75.61 -7.40 0.00	70.84 -6.67 0.00	60.31 -4.94 0.00	52.89 -3.43 0.00	47.81 -3.99 0.00	34.20 -2.84 0.00	34.29 -2.58 0.00	43.22 -3.62 0.00	64.12 -5.46 0.00	79.52 -7.72 0.00	74.31 -7.61 0.00	76.69 -8.47 -0.05	68.76 -7.85 -1.00	62.67 -7.01 0.00	67.59 -7.16 0.00	80.43 -7.13 0.00	65.85 -4.94 0.00
SELKIRK___I 23801	116.77 2.81 -73.37	120.49 3.82 -60.79	112.41 3.36 -62.39	99.49 3.26 -50.92	110.79 2.76 -70.27	67.85 3.72 -11.28	77.51 4.96 0.00	88.49 5.49 0.00	83.13 4.96 -0.67	68.94 3.69 0.00	59.12 2.81 0.00	54.28 2.48 0.00	38.65 1.61 0.00	38.55 1.68 0.00	49.51 2.67 0.00	73.42 3.84 0.00	92.98 5.74 0.00	125.88 5.57 -38.39	111.49 5.69 -20.68	97.99 5.02 -17.35	83.14 4.60 -8.85	118.35 4.94 -38.67	99.35 5.71 -6.08	81.49 4.79 -5.90
SELKIRK___II 23799	114.08 1.55 -71.95	117.60 2.11 -59.61	109.76 1.91 -61.19	97.07 1.83 -49.93	108.24 1.58 -68.90	66.01 2.10 -11.06	75.32 2.78 0.00	86.08 3.08 0.00	81.13 2.97 -0.66	67.54 2.29 0.00	58.40 2.09 0.00	53.83 2.03 0.00	38.47 1.43 0.00	38.23 1.36 0.00	48.71 1.88 0.00	72.16 2.58 0.00	90.65 3.40 0.00	122.83 3.26 -37.65	108.74 3.33 -20.29	95.80 3.00 -17.18	81.08 2.72 -8.68	115.58 2.93 -37.92	96.80 3.28 -5.96	79.29 2.71 -5.79
SENECA OSWGO___HYD 24041	38.95 -1.64 0.00	53.58 -2.31 0.00	44.88 -1.78 0.00	43.64 -1.67 0.00	36.40 -1.36 0.00	50.94 -1.92 0.00	70.01 -2.54 0.00	79.97 -3.03 0.00	74.77 -2.74 0.00	62.93 -2.32 0.00	54.42 -1.89 0.00	49.94 -1.86 0.00	35.75 -1.29 0.00	35.66 -1.21 0.00	45.28 -1.55 0.00	67.30 -2.28 0.00	84.31 -2.94 0.00	79.31 -2.61 0.00	82.34 -2.77 0.00	73.06 -2.55 0.00	67.29 -2.39 0.00	72.19 -2.55 0.00	84.47 -3.09 0.00	68.40 -2.40 0.00
SENECA___115KV_TB3 355854	37.33 -3.25 0.00	51.50 -4.38 0.00	43.19 -3.47 0.00	42.40 -2.91 0.00	35.40 -2.36 0.00	49.60 -3.25 0.00	68.37 -4.18 0.00	76.86 -6.14 0.00	72.00 -5.50 0.00	61.25 -4.01 0.00	53.63 -2.68 0.00	48.48 -3.32 0.00	34.69 -2.35 0.00	34.80 -2.07 0.00	43.93 -2.90 0.00	65.12 -4.46 0.00	80.71 -6.54 0.00	75.37 -6.54 0.00	77.89 -7.27 -0.05	69.84 -6.83 -1.05	63.63 -6.05 0.00	68.58 -6.16 0.00	81.54 -6.02 0.00	66.81 -3.98 0.00
SENECA___ENERGY 23797	39.82 -0.77 0.00	54.82 -1.06 0.00	45.95 -0.71 0.00	44.82 -0.49 0.00	37.54 -0.21 0.00	52.44 -0.41 0.00	72.13 -0.41 0.00	82.25 -0.75 0.00	76.86 -0.64 0.00	64.59 -0.66 0.00	55.75 -0.56 0.00	50.95 -0.84 0.00	36.57 -0.47 0.00	36.43 -0.43 0.00	46.63 -0.20 0.00	69.44 -0.14 0.00	86.41 -0.83 0.00	81.17 -0.74 0.00	84.38 -0.79 -0.05	75.61 -0.92 -0.91	68.63 -1.06 0.00	73.51 -1.23 0.00	86.30 -1.26 0.00	70.04 -0.75 0.00
SHOEMAKER___GT 23640	57.65 1.59 -15.47	70.78 2.08 -12.82	61.61 1.79 -13.15	57.73 1.68 -10.74	54.07 1.49 -14.82	57.27 2.04 -2.38	75.53 2.98 0.00	86.45 3.45 0.00	81.00 3.35 -0.14	67.71 2.45 0.00	58.60 2.29 0.00	54.17 2.37 0.00	38.78 1.74 0.00	38.49 1.63 0.00	49.00 2.17 0.00	72.74 3.16 0.00	91.35 4.10 0.00	94.07 4.06 -8.09	93.76 4.16 -4.49	85.45 3.79 -6.05	74.85 3.30 -1.87	86.26 3.36 -8.15	92.32 3.48 -1.28	74.77 2.73 -1.25
SHOEMAKR_138KV_BK 111 55601	57.51 1.56 -15.36	70.66 2.05 -12.73	61.49 1.77 -13.06	57.64 1.67 -10.66	53.94 1.47 -14.71	57.24 2.03 -2.36	75.47 2.93 0.00	86.37 3.37 0.00	80.95 3.31 -0.14	67.66 2.41 0.00	58.61 2.29 0.00	54.18 2.39 0.00	38.78 1.74 0.00	38.50 1.63 0.00	49.00 2.16 0.00	72.67 3.09 0.00	91.26 4.01 0.00	93.94 4.00 -8.03	93.66 4.09 -4.45	85.34 3.72 -6.01	74.77 3.24 -1.86	86.13 3.29 -8.10	92.23 3.40 -1.27	74.69 2.66 -1.24
SHOREHAM_IC_1 23715	61.22 3.61 -17.02	74.66 4.66 -14.10	65.03 3.89 -14.47	60.83 3.71 -11.81	57.31 3.24 -16.30	60.15 4.68 -2.62	133.16 6.87 -53.74	101.92 8.03 -10.89	90.69 7.55 -5.63	70.27 5.02 0.00	60.99 4.68 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.17 4.33 0.00	123.80 6.71 -47.52	121.91 8.82 -25.84	168.02 8.58 -77.53	235.85 8.82 -141.91	246.00 8.18 -162.20	246.82 7.48 -169.65	280.97 7.08 -199.15	274.02 8.02 -178.44	186.04 6.46 -108.78
SHOREHAM_IC_2 23716	61.22 3.61 -17.02	74.66 4.66 -14.10	65.03 3.89 -14.47	60.83 3.71 -11.81	57.31 3.24 -16.30	60.15 4.68 -2.62	133.16 6.87 -53.74	101.92 8.03 -10.89	90.69 7.55 -5.63	70.27 5.02 0.00	60.99 4.68 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.17 4.33 0.00	123.80 6.71 -47.52	121.91 8.82 -25.84	168.02 8.58 -77.53	235.85 8.82 -141.91	246.00 8.18 -162.20	246.82 7.48 -169.65	280.97 7.08 -199.15	274.02 8.02 -178.44	186.04 6.46 -108.78
SISSONVILLE____ 23735	41.17 0.58 0.00	56.79 0.90 0.00	47.23 0.57 0.00	45.81 0.50 0.00	38.04 0.28 0.00	53.32 0.47 0.00	73.18 0.63 0.00	84.20 1.20 0.00	78.52 1.01 0.00	66.37 1.12 0.00	56.71 0.40 0.00	51.92 0.13 0.00	37.05 0.02 0.00	36.90 0.03 0.00	46.74 -0.09 0.00	70.11 0.54 0.00	87.57 0.32 0.00	81.04 -0.87 0.00	84.35 -0.77 0.00	74.91 -0.70 0.00	69.50 -0.19 0.00	75.25 0.51 0.00	89.01 1.45 0.00	71.90 1.11 0.00
SITHE_IND_GS1 24169	38.65 -1.94 0.00	53.18 -2.71 0.00	44.48 -2.18 0.00	43.25 -2.06 0.00	36.09 -1.67 0.00	50.48 -2.37 0.00	69.37 -3.17 0.00	79.22 -3.78 0.00	74.02 -3.49 0.00	62.34 -2.91 0.00	53.89 -2.43 0.00	49.48 -2.32 0.00	35.42 -1.62 0.00	35.31 -1.56 0.00	44.84 -1.99 0.00	66.62 -2.96 0.00	83.43 -3.82 0.00	78.39 -3.52 0.00	81.38 -3.74 0.00	72.23 -3.39 0.00	66.54 -3.15 0.00	71.40 -3.34 0.00	83.66 -3.90 0.00	67.72 -3.08 0.00
SITHE_IND_GS2 24170	38.65 -1.94 0.00	53.18 -2.71 0.00	44.48 -2.18 0.00	43.25 -2.06 0.00	36.09 -1.67 0.00	50.48 -2.37 0.00	69.37 -3.17 0.00	79.22 -3.78 0.00	74.02 -3.49 0.00	62.34 -2.91 0.00	53.89 -2.43 0.00	49.48 -2.32 0.00	35.42 -1.62 0.00	35.31 -1.56 0.00	44.84 -1.99 0.00	66.62 -2.96 0.00	83.43 -3.82 0.00	78.39 -3.52 0.00	81.38 -3.74 0.00	72.23 -3.39 0.00	66.54 -3.15 0.00	71.40 -3.34 0.00	83.66 -3.90 0.00	67.72 -3.08 0.00
SITHE_IND_GS3 24171	38.65 -1.94 0.00	53.18 -2.71 0.00	44.48 -2.18 0.00	43.25 -2.06 0.00	36.09 -1.67 0.00	50.48 -2.37 0.00	69.37 -3.17 0.00	79.22 -3.78 0.00	74.02 -3.49 0.00	62.34 -2.91 0.00	53.89 -2.43 0.00	49.48 -2.32 0.00	35.42 -1.62 0.00	35.31 -1.56 0.00	44.84 -1.99 0.00	66.62 -2.96 0.00	83.43 -3.82 0.00	78.39 -3.52 0.00	81.38 -3.74 0.00	72.23 -3.39 0.00	66.54 -3.15 0.00	71.40 -3.34 0.00	83.66 -3.90 0.00	67.72 -3.08 0.00
SITHE_IND_GS4 24172	38.65 -1.94 0.00	53.18 -2.71 0.00	44.48 -2.18 0.00	43.25 -2.06 0.00	36.09 -1.67 0.00	50.48 -2.37 0.00	69.37 -3.17 0.00	79.22 -3.78 0.00	74.02 -3.49 0.00	62.34 -2.91 0.00	53.89 -2.43 0.00	49.48 -2.32 0.00	35.42 -1.62 0.00	35.31 -1.56 0.00	44.84 -1.99 0.00	66.62 -2.96 0.00	83.43 -3.82 0.00	78.39 -3.52 0.00	81.38 -3.74 0.00	72.23 -3.39 0.00	66.54 -3.15 0.00	71.40 -3.34 0.00	83.66 -3.90 0.00	67.72 -3.08 0.00

SITHE___BATAVIA 24024	38.19 -2.39 0.00	52.62 -3.26 0.00	44.05 -2.62 0.00	43.15 -2.17 0.00	36.07 -1.69 0.00	50.55 -2.30 0.00	69.76 -2.79 0.00	79.85 -3.15 0.00	74.58 -2.92 0.00	63.10 -2.16 0.00	54.91 -1.41 0.00	49.83 -1.97 0.00	35.48 -1.56 0.00	35.48 -1.39 0.00	45.16 -1.68 0.00	66.44 -3.14 0.00	82.63 -4.62 0.00	77.61 -4.30 0.00	80.19 -4.97 -0.05	71.70 -4.80 -0.89	65.40 -4.28 0.00	70.33 -4.41 0.00	83.26 -4.30 0.00	67.98 -2.81 0.00
SITHE___INDEPEND 23800	38.65 -1.94 0.00	53.17 -2.72 0.00	44.48 -2.18 0.00	43.25 -2.06 0.00	36.10 -1.66 0.00	50.48 -2.37 0.00	69.37 -3.17 0.00	79.22 -3.78 0.00	74.02 -3.49 0.00	62.34 -2.91 0.00	53.88 -2.43 0.00	49.48 -2.32 0.00	35.42 -1.62 0.00	35.31 -1.56 0.00	44.84 -1.99 0.00	66.62 -2.96 0.00	83.42 -3.82 0.00	78.39 -3.52 0.00	81.38 -3.74 0.00	72.22 -3.39 0.00	66.54 -3.15 0.00	71.39 -3.35 0.00	83.65 -3.90 0.00	67.72 -3.08 0.00
SITHE___MASSENA 23902	40.98 0.39 0.00	56.53 0.64 0.00	46.99 0.33 0.00	45.60 0.29 0.00	37.89 0.12 0.00	53.14 0.28 0.00	72.81 0.27 0.00	83.54 0.53 0.00	77.84 0.33 0.00	65.90 0.64 0.00	56.40 0.08 0.00	51.72 -0.08 0.00	36.93 -0.11 0.00	36.78 -0.09 0.00	46.61 -0.23 0.00	69.61 0.03 0.00	87.18 -0.06 0.00	81.41 -0.50 0.00	84.66 -0.46 0.00	75.19 -0.43 0.00	69.56 -0.12 0.00	74.89 0.15 0.00	88.28 0.72 0.00	71.36 0.57 0.00
SITHE___OGDNSBRG 24021	41.78 1.19 0.00	57.62 1.74 0.00	47.86 1.20 0.00	46.43 1.12 0.00	38.56 0.80 0.00	54.12 1.26 0.00	74.24 1.70 0.00	85.30 2.30 0.00	79.36 1.86 0.00	66.89 1.64 0.00	57.00 0.69 0.00	52.14 0.35 0.00	37.18 0.14 0.00	37.07 0.20 0.00	46.98 0.15 0.00	70.70 1.12 0.00	88.60 1.36 0.00	82.55 0.63 0.00	85.93 0.81 0.00	76.30 0.68 0.00	70.68 1.00 0.00	76.32 1.58 0.00	90.14 2.58 0.00	72.78 1.98 0.00
SITHE___STERLING 23777	41.49 0.90 0.00	57.15 1.26 0.00	47.86 1.20 0.00	46.56 1.25 0.00	38.81 1.05 0.00	54.37 1.52 0.00	74.89 2.35 0.00	85.80 2.80 0.00	80.29 2.78 0.00	67.49 2.24 0.00	58.18 1.86 0.00	53.18 1.38 0.00	38.03 0.99 0.00	37.91 1.04 0.00	48.23 1.39 0.00	71.91 2.34 0.00	90.30 3.06 0.00	84.72 2.80 0.00	87.97 2.85 0.00	78.03 2.41 0.00	71.79 2.10 0.00	76.92 2.18 0.00	89.89 2.33 0.00	72.57 1.77 0.00
SLEIGHT__34_KV_TB1 80719	38.85 -1.74 0.00	53.47 -2.42 0.00	44.76 -1.90 0.00	43.67 -1.64 0.00	36.46 -1.30 0.00	51.09 -1.76 0.00	70.33 -2.22 0.00	79.99 -3.01 0.00	74.79 -2.72 0.00	63.15 -2.11 0.00	54.70 -1.61 0.00	49.96 -1.84 0.00	35.71 -1.33 0.00	35.72 -1.15 0.00	45.40 -1.44 0.00	67.58 -2.00 0.00	84.43 -2.82 0.00	79.24 -2.68 0.00	82.13 -3.02 -0.04	73.45 -2.92 -0.76	66.97 -2.72 0.00	71.91 -2.83 0.00	84.55 -3.00 0.00	68.54 -2.25 0.00
SOUTH CAIRO___GT 23612	110.60 3.74 -66.27	115.90 5.10 -54.91	107.45 4.43 -56.35	95.62 4.31 -45.99	104.89 3.65 -63.47	68.13 5.09 -10.19	79.33 6.79 0.00	90.81 7.81 0.00	85.40 7.29 -0.60	70.83 5.58 0.00	60.74 4.43 0.00	55.69 3.90 0.00	39.54 2.50 0.00	39.32 2.45 0.00	50.70 3.87 0.00	74.95 5.37 0.00	95.39 8.14 0.00	124.70 8.11 -34.67	112.18 8.36 -18.70	98.90 7.29 -15.99	84.26 6.58 -8.00	116.58 6.91 -34.93	101.12 8.07 -5.49	82.81 6.68 -5.33
SOUTH HAMPTN___IC 23720	61.23 3.62 -17.02	74.70 4.71 -14.10	65.08 3.94 -14.47	60.93 3.80 -11.81	57.43 3.37 -16.30	60.37 4.90 -2.62	133.63 7.35 -53.74	102.11 8.81 -10.30	91.18 8.35 -5.33	70.87 5.62 0.00	61.55 5.23 0.00	57.20 5.41 0.00	41.07 4.03 0.00	40.81 3.95 0.00	51.73 4.89 0.00	122.11 7.57 -44.97	121.63 9.92 -24.45	165.39 9.60 -73.87	229.67 9.71 -134.85	241.43 9.15 -156.67	242.87 8.14 -165.05	271.42 7.61 -189.06	265.16 8.69 -168.92	180.81 7.01 -103.00
SOUTHDOW_115KV_TB1 355954	42.80 -1.98 -4.18	56.89 -2.47 -3.47	48.34 -1.88 -3.56	46.83 -1.39 -2.91	40.68 -1.09 -4.01	52.12 -1.37 -0.64	70.95 -1.59 0.00	79.91 -3.10 0.00	74.88 -2.67 -0.04	63.46 -1.80 0.00	55.42 -0.89 0.00	50.33 -1.47 0.00	36.08 -0.96 0.00	36.31 -0.56 0.00	45.73 -1.11 0.00	67.54 -2.04 0.00	83.39 -3.86 0.00	80.17 -3.93 -2.19	81.83 -4.49 -1.20	72.73 -4.34 -1.45	66.49 -3.70 -0.50	73.25 -3.70 -2.20	84.75 -3.16 -0.35	69.41 -1.72 -0.34
SOUTHOLD_69_KV_BK 2 55809	61.03 3.42 -17.02	74.51 4.52 -14.10	64.91 3.77 -14.47	60.89 3.76 -11.81	57.48 3.41 -16.30	60.49 5.02 -2.62	134.12 7.83 -53.74	103.20 9.89 -10.31	92.33 9.49 -5.34	71.74 6.48 0.00	62.36 6.05 0.00	58.05 6.25 0.00	41.69 4.65 0.00	41.47 4.60 0.00	52.57 5.74 0.00	123.52 8.94 -45.00	123.43 11.71 -24.47	166.87 11.04 -73.91	229.87 9.81 -134.94	243.02 10.67 -156.74	243.91 9.12 -165.11	271.28 7.35 -189.19	265.27 8.68 -169.03	181.70 7.83 -103.08
SOUTHOLD___IC 23719	61.03 3.42 -17.02	74.50 4.51 -14.10	64.91 3.77 -14.47	60.88 3.76 -11.81	57.48 3.41 -16.30	60.49 5.02 -2.62	134.12 7.83 -53.74	103.20 9.89 -10.31	92.33 9.49 -5.34	71.74 6.49 0.00	62.36 6.05 0.00	58.04 6.25 0.00	41.69 4.65 0.00	41.47 4.60 0.00	52.57 5.73 0.00	123.51 8.94 -45.00	123.43 11.71 -24.47	166.87 11.04 -73.92	229.86 9.80 -134.94	243.02 10.67 -156.74	243.92 9.12 -165.11	271.28 7.34 -189.19	265.27 8.68 -169.03	181.70 7.83 -103.08
SOUTH_FORK_WT_PWR 323839	60.46 2.84 -17.02	73.76 3.77 -14.10	64.32 3.18 -14.47	60.39 3.26 -11.81	57.11 3.04 -16.30	60.00 4.53 -2.62	133.65 7.36 -53.74	103.01 9.70 -10.31	92.25 9.41 -5.33	71.62 6.37 0.00	62.35 6.03 0.00	58.14 6.34 0.00	41.76 4.72 0.00	41.54 4.67 0.00	52.66 5.83 0.00	123.64 9.08 -44.98	123.60 11.89 -24.46	167.06 11.26 -73.89	230.78 10.77 -134.89	243.13 10.82 -156.70	243.78 9.01 -165.08	271.77 7.91 -189.12	265.76 9.23 -168.97	181.47 7.64 -103.04
SPIERFLS_115KV_TB 1 80737	228.35 3.40 -184.37	213.31 4.67 -152.75	207.38 3.94 -156.79	177.08 3.82 -127.95	217.61 3.28 -176.58	85.89 4.69 -28.34	78.97 6.43 0.00	90.47 7.47 0.00	86.39 7.21 -1.68	70.75 5.49 0.00	60.95 4.64 0.00	55.89 4.09 0.00	39.89 2.85 0.00	39.71 2.84 0.00	50.60 3.76 0.00	75.32 5.74 0.00	94.94 7.70 0.00	186.20 7.81 -96.47	144.79 8.01 -51.66	120.07 7.04 -37.41	98.39 6.45 -22.25	178.96 7.05 -97.16	110.91 8.07 -15.28	92.14 6.51 -14.83
ST LAWRENCE____ 23600	40.48 -0.11 0.00	55.83 -0.06 0.00	46.42 -0.24 0.00	45.06 -0.25 0.00	37.44 -0.32 0.00	52.47 -0.39 0.00	71.92 -0.62 0.00	82.46 -0.54 0.00	76.86 -0.64 0.00	65.07 -0.19 0.00	55.76 -0.55 0.00	51.17 -0.63 0.00	36.56 -0.48 0.00	36.41 -0.46 0.00	46.14 -0.69 0.00	68.77 -0.80 0.00	86.22 -1.02 0.00	80.67 -1.24 0.00	83.86 -1.26 0.00	74.51 -1.11 0.00	68.86 -0.82 0.00	74.04 -0.70 0.00	87.17 -0.38 0.00	70.46 -0.33 0.00
STATE_CA_115KV_115_LB 55624	162.81 1.80 -120.42	158.11 2.45 -99.77	151.27 2.20 -102.40	131.01 2.13 -83.57	154.91 1.82 -115.33	73.79 2.43 -18.51	75.80 3.26 0.00	86.61 3.60 0.00	82.10 3.50 -1.10	68.03 2.78 0.00	58.84 2.53 0.00	54.22 2.42 0.00	38.76 1.72 0.00	38.52 1.65 0.00	49.07 2.23 0.00	72.71 3.14 0.00	91.25 4.01 0.00	148.71 3.78 -63.01	122.79 3.85 -33.82	104.96 3.45 -25.89	87.41 3.19 -14.53	141.70 3.49 -63.47	101.45 3.91 -9.98	83.68 3.20 -9.69

STATE_ST_34_KV_LOAD 55959	39.85 -0.74 0.00	54.85 -1.03 0.00	45.93 -0.73 0.00	44.84 -0.47 0.00	37.46 -0.30 0.00	52.44 -0.41 0.00	72.09 -0.45 0.00	82.28 -0.73 0.00	76.65 -0.86 0.00	64.58 -0.68 0.00	55.64 -0.67 0.00	51.11 -0.69 0.00	36.49 -0.55 0.00	36.47 -0.40 0.00	46.52 -0.31 0.00	69.33 -0.24 0.00	86.62 -0.63 0.00	81.29 -0.63 0.00	84.51 -0.65 -0.04	75.63 -0.84 -0.86	68.78 -0.90 0.00	73.77 -0.97 0.00	86.59 -0.97 0.00	70.22 -0.57 0.00
STATION 5_MISC_HYD 23604	38.37 -2.21 0.00	52.82 -3.07 0.00	44.20 -2.46 0.00	43.17 -2.14 0.00	36.03 -1.73 0.00	50.46 -2.40 0.00	69.50 -3.05 0.00	78.81 -4.19 0.00	73.77 -3.73 0.00	62.44 -2.81 0.00	54.30 -2.01 0.00	49.48 -2.31 0.00	35.37 -1.67 0.00	35.39 -1.48 0.00	44.85 -1.99 0.00	66.67 -2.90 0.00	83.24 -4.01 0.00	78.09 -3.83 0.00	80.85 -4.30 -0.04	72.29 -4.11 -0.78	65.92 -3.77 0.00	70.87 -3.87 0.00	83.57 -3.99 0.00	67.89 -2.91 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.84 -0.74 0.00	54.89 -1.00 0.00	45.95 -0.72 0.00	44.81 -0.50 0.00	37.44 -0.32 0.00	52.49 -0.36 0.00	72.35 -0.20 0.00	82.25 -0.75 0.00	76.95 -0.56 0.00	64.99 -0.26 0.00	56.38 0.06 0.00	51.47 -0.32 0.00	36.77 -0.27 0.00	36.72 -0.15 0.00	46.73 -0.10 0.00	69.47 -0.10 0.00	86.80 -0.45 0.00	81.55 -0.36 0.00	84.47 -0.68 -0.04	75.47 -0.91 -0.76	68.77 -0.91 0.00	73.82 -0.92 0.00	86.81 -0.75 0.00	70.40 -0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.22 -2.36 0.00	52.63 -3.26 0.00	44.05 -2.61 0.00	43.00 -2.31 0.00	35.91 -1.86 0.00	50.27 -2.58 0.00	69.24 -3.30 0.00	78.57 -4.44 0.00	73.55 -3.96 0.00	62.23 -3.02 0.00	54.10 -2.22 0.00	49.31 -2.49 0.00	35.26 -1.78 0.00	35.26 -1.60 0.00	44.70 -2.13 0.00	66.45 -3.12 0.00	83.00 -4.24 0.00	77.88 -4.04 0.00	80.61 -4.55 -0.04	72.08 -4.31 -0.77	65.74 -3.94 0.00	70.68 -4.07 0.00	83.28 -4.27 0.00	67.63 -3.16 0.00
STA_56___34_KV_BUS2 355983	38.22 -2.36 0.00	52.63 -3.26 0.00	44.05 -2.61 0.00	43.00 -2.31 0.00	35.91 -1.86 0.00	50.27 -2.58 0.00	69.24 -3.30 0.00	78.57 -4.44 0.00	73.55 -3.96 0.00	62.23 -3.02 0.00	54.10 -2.22 0.00	49.31 -2.49 0.00	35.26 -1.78 0.00	35.26 -1.60 0.00	44.70 -2.13 0.00	66.45 -3.12 0.00	83.00 -4.24 0.00	77.88 -4.04 0.00	80.61 -4.55 -0.04	72.08 -4.31 -0.77	65.74 -3.94 0.00	70.68 -4.07 0.00	83.28 -4.27 0.00	67.63 -3.16 0.00
STA_67___115KV_BK2 355882	38.25 -2.33 0.00	52.65 -3.24 0.00	44.09 -2.58 0.00	43.05 -2.27 0.00	35.95 -1.82 0.00	50.33 -2.52 0.00	69.31 -3.23 0.00	78.61 -4.39 0.00	73.56 -3.95 0.00	62.27 -2.98 0.00	54.15 -2.16 0.00	49.35 -2.44 0.00	35.28 -1.76 0.00	35.29 -1.58 0.00	44.72 -2.11 0.00	66.47 -3.10 0.00	82.99 -4.25 0.00	77.83 -4.08 0.00	80.57 -4.59 -0.04	72.06 -4.34 -0.78	65.71 -3.97 0.00	70.66 -4.08 0.00	83.35 -4.21 0.00	67.72 -3.07 0.00
STA_7___115KV_9TRANS 80674	38.59 -2.00 0.00	53.10 -2.78 0.00	44.44 -2.22 0.00	43.40 -1.91 0.00	36.22 -1.54 0.00	50.74 -2.12 0.00	69.90 -2.65 0.00	79.29 -3.71 0.00	74.23 -3.28 0.00	62.82 -2.43 0.00	54.63 -1.69 0.00	49.77 -2.03 0.00	35.59 -1.45 0.00	35.61 -1.26 0.00	45.14 -1.70 0.00	67.11 -2.47 0.00	83.80 -3.45 0.00	78.63 -3.28 0.00	81.43 -3.73 -0.04	72.80 -3.60 -0.78	66.39 -3.30 0.00	71.35 -3.39 0.00	84.10 -3.46 0.00	68.29 -2.50 0.00
STA_82___115KV_TB1 80780	38.27 -2.32 0.00	52.69 -3.20 0.00	44.10 -2.56 0.00	43.07 -2.24 0.00	35.95 -1.81 0.00	50.35 -2.50 0.00	69.37 -3.17 0.00	78.66 -4.35 0.00	73.63 -3.88 0.00	62.32 -2.94 0.00	54.19 -2.13 0.00	49.36 -2.43 0.00	35.29 -1.75 0.00	35.30 -1.57 0.00	44.74 -2.09 0.00	66.50 -3.07 0.00	83.03 -4.21 0.00	77.88 -4.03 0.00	80.61 -4.54 -0.04	72.09 -4.31 -0.79	65.76 -3.92 0.00	70.71 -4.03 0.00	83.38 -4.18 0.00	67.74 -3.05 0.00
STEEL___WIND 323596	37.33 -3.26 0.00	51.48 -4.41 0.00	43.13 -3.54 0.00	42.39 -2.92 0.00	35.37 -2.39 0.00	49.54 -3.31 0.00	68.28 -4.26 0.00	76.75 -6.25 0.00	71.86 -5.65 0.00	61.18 -4.08 0.00	53.56 -2.75 0.00	48.39 -3.40 0.00	34.64 -2.40 0.00	34.75 -2.12 0.00	43.89 -2.94 0.00	65.03 -4.55 0.00	80.57 -6.67 0.00	75.28 -6.63 0.00	77.80 -7.37 -0.05	69.71 -6.95 -1.05	63.52 -6.16 0.00	68.48 -6.26 0.00	81.42 -6.14 0.00	66.71 -4.08 0.00
STEPHTWN_115KV_BK_2 55603	136.64 2.10 -93.95	136.39 2.66 -77.84	129.02 2.46 -79.90	112.86 2.35 -65.20	129.80 2.06 -89.98	70.12 2.82 -14.44	76.38 3.84 0.00	87.22 4.22 0.00	82.46 4.10 -0.86	68.38 3.13 0.00	59.11 2.80 0.00	54.45 2.65 0.00	38.88 1.84 0.00	38.67 1.80 0.00	49.37 2.54 0.00	73.10 3.52 0.00	91.58 4.33 0.00	135.53 4.46 -49.16	116.15 4.61 -26.43	100.82 4.08 -21.13	84.75 3.72 -11.34	128.22 3.97 -49.51	99.73 4.38 -7.79	81.98 3.62 -7.56
STEUBEN_REC_LFGE 323667	43.90 -1.94 -5.26	57.82 -2.42 -4.35	49.60 -1.53 -4.47	47.92 -1.04 -3.65	42.18 -0.61 -5.03	53.00 -0.66 -0.81	71.86 -0.69 0.00	81.57 -1.43 0.00	76.44 -1.12 -0.05	64.28 -0.98 0.00	55.51 -0.80 0.00	50.04 -1.76 0.00	35.67 -1.37 0.00	35.93 -0.94 0.00	46.11 -0.72 0.00	68.20 -1.38 0.00	83.64 -3.61 0.00	80.69 -3.98 -2.75	82.44 -4.18 -1.51	73.85 -3.59 -1.82	65.85 -4.47 -0.64	72.40 -5.11 -2.77	84.30 -3.69 -0.44	69.71 -1.51 -0.42
STILLWATER___SOLAR 323814	219.58 2.76 -176.23	205.70 3.81 -146.01	199.75 3.22 -149.87	170.71 3.10 -122.31	209.21 2.66 -168.79	83.67 3.73 -27.09	77.63 5.09 0.00	88.83 5.83 0.00	84.69 5.58 -1.61	69.54 4.28 0.00	59.99 3.68 0.00	55.12 3.32 0.00	39.34 2.30 0.00	39.17 2.30 0.00	49.92 3.09 0.00	74.25 4.67 0.00	93.46 6.21 0.00	180.33 6.20 -92.21	140.85 6.34 -49.39	117.20 5.64 -35.94	96.06 5.11 -21.27	173.11 5.49 -92.88	108.39 6.22 -14.60	89.98 5.01 -14.18
STONY___BROOK 24151	61.21 3.60 -17.02	74.64 4.65 -14.10	65.00 3.86 -14.47	60.77 3.64 -11.81	57.24 3.18 -16.30	60.04 4.57 -2.62	132.91 6.63 -53.74	104.32 7.64 -13.68	91.74 7.20 -7.03	70.05 4.80 0.00	60.89 4.58 0.00	56.52 4.73 0.00	40.56 3.52 0.00	40.23 3.36 0.00	51.08 4.24 0.00	135.74 6.46 -59.71	127.89 8.17 -32.47	185.09 8.19 -94.98	269.16 8.47 -175.58	271.93 7.70 -188.62	268.29 7.05 -191.56	329.00 7.01 -247.25	319.10 7.70 -223.83	213.27 6.15 -136.33
STURGEON_POOL_HYD 23609	69.18 2.08 -26.50	80.58 2.73 -21.96	71.54 2.34 -22.54	65.92 2.21 -18.39	65.08 1.94 -25.38	59.68 2.76 -4.07	76.43 3.89 0.00	87.55 4.54 0.00	82.15 4.40 -0.24	68.61 3.36 0.00	59.56 3.24 0.00	55.07 3.27 0.00	39.42 2.39 0.00	39.12 2.25 0.00	49.83 3.00 0.00	73.75 4.17 0.00	92.65 5.40 0.00	101.01 5.25 -13.85	98.18 5.48 -7.58	88.97 4.95 -8.41	77.18 4.30 -3.20	93.04 4.33 -13.97	94.38 4.63 -2.20	76.55 3.62 -2.13
ST_LAW_115_BK7_LBMP 345037	40.52 -0.07 0.00	55.88 -0.01 0.00	46.44 -0.22 0.00	45.07 -0.24 0.00	37.44 -0.32 0.00	52.50 -0.35 0.00	71.95 -0.59 0.00	82.51 -0.49 0.00	76.90 -0.61 0.00	65.12 -0.14 0.00	55.77 -0.55 0.00	51.17 -0.63 0.00	36.56 -0.48 0.00	36.39 -0.48 0.00	46.14 -0.70 0.00	68.77 -0.80 0.00	86.21 -1.03 0.00	80.63 -1.28 0.00	83.81 -1.30 0.00	74.47 -1.15 0.00	68.86 -0.82 0.00	74.06 -0.69 0.00	87.23 -0.33 0.00	70.50 -0.29 0.00

ST_LAW_115_BK8_LBMP 345038	40.52 -0.07 0.00	55.88 -0.01 0.00	46.44 -0.22 0.00	45.07 -0.24 0.00	37.44 -0.32 0.00	52.50 -0.35 0.00	71.95 -0.59 0.00	82.51 -0.49 0.00	76.90 -0.61 0.00	65.12 -0.14 0.00	55.77 -0.55 0.00	51.17 -0.63 0.00	36.56 -0.48 0.00	36.39 -0.48 0.00	46.14 -0.70 0.00	68.77 -0.80 0.00	86.21 -1.03 0.00	80.63 -1.28 0.00	83.81 -1.30 0.00	74.47 -1.15 0.00	68.86 -0.82 0.00	74.06 -0.69 0.00	87.23 -0.33 0.00	70.50 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	40.48 -0.11 0.00	55.83 -0.06 0.00	46.42 -0.24 0.00	45.06 -0.25 0.00	37.44 -0.32 0.00	52.47 -0.39 0.00	71.92 -0.62 0.00	82.46 -0.54 0.00	76.86 -0.64 0.00	65.07 -0.19 0.00	55.76 -0.55 0.00	51.17 -0.63 0.00	36.56 -0.48 0.00	36.41 -0.46 0.00	46.14 -0.69 0.00	68.77 -0.80 0.00	86.22 -1.02 0.00	80.67 -1.24 0.00	83.86 -1.26 0.00	74.51 -1.11 0.00	68.86 -0.82 0.00	74.04 -0.70 0.00	87.17 -0.38 0.00	70.46 -0.33 0.00
ST_LAW_230_BK6_LBMP 345036	40.48 -0.11 0.00	55.83 -0.06 0.00	46.42 -0.24 0.00	45.06 -0.25 0.00	37.44 -0.32 0.00	52.47 -0.39 0.00	71.92 -0.62 0.00	82.46 -0.54 0.00	76.86 -0.64 0.00	65.07 -0.19 0.00	55.76 -0.55 0.00	51.17 -0.63 0.00	36.56 -0.48 0.00	36.41 -0.46 0.00	46.14 -0.69 0.00	68.77 -0.80 0.00	86.22 -1.02 0.00	80.67 -1.24 0.00	83.86 -1.26 0.00	74.51 -1.11 0.00	68.86 -0.82 0.00	74.04 -0.70 0.00	87.17 -0.38 0.00	70.46 -0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	58.15 1.72 -15.84	71.28 2.26 -13.12	62.08 1.94 -13.47	58.12 1.81 -10.99	54.54 1.61 -15.17	57.51 2.22 -2.44	75.69 3.15 0.00	86.64 3.63 0.00	81.20 3.55 -0.14	67.91 2.66 0.00	58.89 2.58 0.00	54.47 2.67 0.00	39.00 1.96 0.00	38.71 1.84 0.00	49.25 2.42 0.00	72.90 3.33 0.00	91.58 4.33 0.00	94.52 4.32 -8.29	94.16 4.45 -4.59	85.82 4.02 -6.19	75.10 3.50 -1.91	86.66 3.57 -8.35	92.53 3.66 -1.31	74.97 2.90 -1.28
SWANROAD_115KV_TB1 355699	35.92 -4.66 0.00	49.63 -6.25 0.00	41.61 -5.05 0.00	40.88 -4.43 0.00	34.21 -3.55 0.00	47.90 -4.95 0.00	66.10 -6.45 0.00	73.84 -9.16 0.00	69.25 -8.25 0.00	59.03 -6.22 0.00	51.94 -4.37 0.00	46.94 -4.86 0.00	33.56 -3.48 0.00	33.63 -3.24 0.00	42.33 -4.50 0.00	62.73 -6.85 0.00	77.39 -9.85 0.00	72.32 -9.59 0.00	74.56 -10.60 -0.05	66.85 -9.74 -0.97	61.01 -8.68 0.00	65.79 -8.94 0.00	78.45 -9.11 0.00	64.56 -6.24 0.00
SYNERGY___BIOGAS 323694	38.19 -2.39 0.00	52.62 -3.26 0.00	44.05 -2.62 0.00	43.15 -2.17 0.00	36.07 -1.69 0.00	50.55 -2.30 0.00	69.76 -2.79 0.00	79.85 -3.15 0.00	74.58 -2.92 0.00	63.10 -2.16 0.00	54.91 -1.41 0.00	49.83 -1.97 0.00	35.48 -1.56 0.00	35.48 -1.39 0.00	45.16 -1.68 0.00	66.44 -3.14 0.00	82.63 -4.62 0.00	77.61 -4.30 0.00	80.19 -4.97 -0.05	71.70 -4.80 -0.89	65.40 -4.28 0.00	70.33 -4.41 0.00	83.26 -4.30 0.00	67.98 -2.81 0.00
SYRACUSE___ENERGY_ST1 323597	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.79 -2.22 0.00	75.49 -2.02 0.00	63.52 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.28 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.12 -1.46 0.00	85.22 -2.02 0.00	80.54 -1.37 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.34 0.00
SYRACUSE___ENERGY_ST2 323598	39.33 -1.26 0.00	54.11 -1.77 0.00	45.29 -1.37 0.00	44.07 -1.24 0.00	36.78 -0.98 0.00	51.46 -1.39 0.00	70.75 -1.79 0.00	80.79 -2.22 0.00	75.49 -2.02 0.00	63.52 -1.73 0.00	55.09 -1.23 0.00	50.71 -1.09 0.00	36.28 -0.76 0.00	36.11 -0.76 0.00	45.91 -0.93 0.00	68.12 -1.46 0.00	85.22 -2.02 0.00	80.54 -1.37 0.00	83.63 -1.52 -0.03	74.85 -1.44 -0.68	68.28 -1.40 0.00	73.25 -1.49 0.00	85.77 -1.79 0.00	69.45 -1.34 0.00
SYRACUSE___POWER 24017	39.53 -1.05 0.00	54.40 -1.49 0.00	45.53 -1.14 0.00	44.29 -1.02 0.00	36.97 -0.80 0.00	51.71 -1.14 0.00	71.08 -1.47 0.00	81.18 -1.82 0.00	75.89 -1.62 0.00	63.87 -1.39 0.00	55.27 -1.04 0.00	50.71 -1.09 0.00	36.29 -0.75 0.00	36.17 -0.70 0.00	45.98 -0.85 0.00	68.39 -1.18 0.00	85.59 -1.65 0.00	80.57 -1.35 0.00	83.67 -1.48 -0.04	74.90 -1.41 -0.70	68.32 -1.36 0.00	73.27 -1.47 0.00	85.76 -1.79 0.00	69.43 -1.36 0.00
TALLMAN___138KV_BK151 55660	58.64 1.78 -16.27	71.67 2.30 -13.48	62.45 1.95 -13.84	58.41 1.81 -11.30	54.97 1.62 -15.59	57.60 2.25 -2.50	75.76 3.22 0.00	86.73 3.73 0.00	81.34 3.69 -0.15	67.98 2.73 0.00	59.05 2.73 0.00	54.62 2.83 0.00	39.11 2.07 0.00	38.79 1.93 0.00	49.36 2.52 0.00	72.96 3.38 0.00	91.67 4.42 0.00	94.89 4.46 -8.51	94.42 4.59 -4.72	86.13 4.17 -6.35	75.24 3.60 -1.97	86.98 3.67 -8.58	92.65 3.74 -1.35	75.08 2.98 -1.31
TEALLAVE_115KV_TB7 355573	39.26 -1.32 0.00	54.04 -1.85 0.00	45.22 -1.44 0.00	43.99 -1.32 0.00	36.72 -1.05 0.00	51.35 -1.50 0.00	70.61 -1.94 0.00	80.61 -2.39 0.00	75.36 -2.14 0.00	63.45 -1.81 0.00	54.91 -1.40 0.00	50.37 -1.43 0.00	36.04 -1.00 0.00	35.95 -0.92 0.00	45.67 -1.16 0.00	67.90 -1.68 0.00	84.97 -2.27 0.00	79.92 -1.99 0.00	82.94 -2.17 0.00	73.60 -2.02 0.00	67.77 -1.91 0.00	72.70 -2.04 0.00	85.11 -2.44 0.00	68.90 -1.89 0.00
TELGRAPH_34_KV_EAST 80808	37.05 -3.54 0.00	51.12 -4.76 0.00	42.85 -3.81 0.00	42.01 -3.30 0.00	35.13 -2.63 0.00	49.22 -3.63 0.00	67.91 -4.64 0.00	76.30 -6.70 0.00	71.56 -5.95 0.00	60.83 -4.42 0.00	53.27 -3.05 0.00	48.21 -3.59 0.00	34.44 -2.60 0.00	34.51 -2.36 0.00	43.59 -3.25 0.00	64.61 -4.97 0.00	80.12 -7.13 0.00	74.96 -6.95 0.00	77.36 -7.81 -0.05	69.26 -7.27 -0.92	63.21 -6.47 0.00	68.08 -6.66 0.00	80.87 -6.69 0.00	66.25 -4.54 0.00
TEMPLE___115KV_TB 2 55572	39.28 -1.31 0.00	54.05 -1.83 0.00	45.24 -1.42 0.00	44.01 -1.30 0.00	36.73 -1.03 0.00	51.38 -1.47 0.00	70.65 -1.90 0.00	80.65 -2.35 0.00	75.40 -2.11 0.00	63.47 -1.79 0.00	54.92 -1.39 0.00	50.39 -1.41 0.00	36.06 -0.98 0.00	35.97 -0.90 0.00	45.69 -1.15 0.00	67.92 -1.65 0.00	85.03 -2.22 0.00	79.96 -1.95 0.00	83.00 -2.12 0.00	73.65 -1.97 0.00	67.80 -1.88 0.00	72.73 -2.02 0.00	85.16 -2.40 0.00	68.95 -1.84 0.00
TIANA____69_KV_BK 1 55817	61.30 3.69 -17.02	74.78 4.78 -14.10	65.13 3.99 -14.47	60.95 3.83 -11.81	57.42 3.36 -16.30	60.35 4.89 -2.62	133.55 7.27 -53.74	101.88 8.57 -10.31	90.95 8.11 -5.34	70.71 5.46 0.00	61.37 5.06 0.00	57.00 5.20 0.00	40.93 3.89 0.00	40.67 3.81 0.00	51.56 4.73 0.00	121.89 7.32 -44.99	121.31 9.60 -24.47	165.14 9.32 -73.90	229.52 9.48 -134.93	241.21 8.87 -156.72	242.74 7.95 -165.10	271.41 7.50 -189.17	265.08 8.50 -169.01	180.72 6.87 -103.06
TILDEN___115KV_TB1 80814	39.53 -1.05 0.00	54.40 -1.49 0.00	45.53 -1.14 0.00	44.29 -1.02 0.00	36.97 -0.80 0.00	51.71 -1.14 0.00	71.08 -1.47 0.00	81.18 -1.82 0.00	75.89 -1.62 0.00	63.87 -1.39 0.00	55.27 -1.04 0.00	50.71 -1.09 0.00	36.29 -0.75 0.00	36.17 -0.70 0.00	45.98 -0.85 0.00	68.39 -1.18 0.00	85.59 -1.65 0.00	80.57 -1.35 0.00	83.67 -1.48 -0.04	74.90 -1.41 -0.70	68.32 -1.36 0.00	73.27 -1.47 0.00	85.76 -1.79 0.00	69.43 -1.36 0.00

TRIGEN___CC 323695	60.35 2.74 -17.02	73.61 3.62 -14.10	64.13 2.99 -14.47	59.94 2.82 -11.81	56.54 2.48 -16.30	59.04 3.57 -2.62	131.37 5.09 -53.74	88.60 5.60 0.00	83.05 5.39 -0.15	69.04 3.78 0.00	60.16 3.84 0.00	55.82 4.02 0.00	39.89 2.85 0.00	39.53 2.66 0.00	50.25 3.41 0.00	74.47 4.89 0.00	93.62 6.37 0.00	97.76 6.38 -9.47	102.38 6.62 -10.64	140.86 6.03 -59.22	159.22 5.32 -84.21	91.66 5.33 -11.59	94.65 5.68 -1.41	76.64 4.47 -1.37
TRINITY___115KV___4 BK 55933	140.12 1.68 -97.86	139.23 2.27 -81.08	131.93 2.06 -83.22	115.21 1.99 -67.91	133.18 1.70 -93.72	70.16 2.26 -15.04	75.57 3.03 0.00	86.33 3.33 0.00	81.61 3.22 -0.89	67.79 2.54 0.00	58.64 2.32 0.00	54.04 2.24 0.00	38.63 1.59 0.00	38.38 1.52 0.00	48.89 2.06 0.00	72.43 2.85 0.00	90.91 3.66 0.00	136.55 3.44 -51.20	116.15 3.51 -27.52	100.61 3.16 -21.83	84.41 2.92 -11.81	129.51 3.20 -51.57	99.28 3.61 -8.11	81.62 2.95 -7.87
UNION___PROCESSING_DRP 323587	38.29 -2.30 0.00	52.71 -3.18 0.00	44.12 -2.55 0.00	43.08 -2.23 0.00	35.98 -1.78 0.00	50.38 -2.47 0.00	69.39 -3.15 0.00	78.69 -4.31 0.00	73.63 -3.87 0.00	62.34 -2.92 0.00	54.20 -2.11 0.00	49.39 -2.41 0.00	35.31 -1.73 0.00	35.31 -1.56 0.00	44.76 -2.07 0.00	66.54 -3.04 0.00	83.07 -4.17 0.00	77.92 -3.99 0.00	80.66 -4.50 -0.04	72.13 -4.27 -0.79	65.78 -3.91 0.00	70.73 -4.01 0.00	83.42 -4.14 0.00	67.78 -3.01 0.00
UPPER HUDSON___HYD 24058	228.36 3.40 -184.37	213.31 4.67 -152.75	207.38 3.94 -156.79	177.08 3.82 -127.95	217.61 3.27 -176.58	85.89 4.69 -28.34	78.97 6.42 0.00	90.47 7.47 0.00	86.39 7.20 -1.68	70.75 5.49 0.00	60.95 4.64 0.00	55.89 4.09 0.00	39.89 2.85 0.00	39.71 2.84 0.00	50.60 3.76 0.00	75.31 5.74 0.00	94.94 7.70 0.00	186.20 7.81 -96.47	144.79 8.01 -51.66	120.07 7.04 -37.41	98.38 6.45 -22.25	178.96 7.05 -97.16	110.91 8.07 -15.28	92.14 6.51 -14.83
UPPER RAQUET___HYD 24056	41.17 0.58 0.00	56.79 0.90 0.00	47.23 0.57 0.00	45.81 0.50 0.00	38.03 0.27 0.00	53.32 0.47 0.00	73.18 0.63 0.00	84.20 1.20 0.00	78.52 1.01 0.00	66.37 1.12 0.00	56.71 0.40 0.00	51.92 0.12 0.00	37.05 0.02 0.00	36.90 0.03 0.00	46.74 -0.09 0.00	70.12 0.54 0.00	87.57 0.33 0.00	81.04 -0.87 0.00	84.35 -0.77 0.00	74.91 -0.70 0.00	69.50 -0.19 0.00	75.26 0.52 0.00	89.01 1.45 0.00	71.90 1.11 0.00
VALLEY44_115KV_TB2 355964	42.66 -2.28 -4.35	56.44 -3.05 -3.60	48.00 -2.37 -3.69	46.29 -2.04 -3.02	40.23 -1.70 -4.17	51.29 -2.24 -0.67	69.31 -3.23 0.00	78.09 -4.92 0.00	73.35 -4.20 -0.04	61.97 -3.29 0.00	54.03 -2.28 0.00	49.40 -2.40 0.00	35.52 -1.52 0.00	35.76 -1.10 0.00	45.29 -1.54 0.00	66.78 -2.80 0.00	82.58 -4.67 0.00	78.97 -5.23 -2.28	80.55 -5.81 -1.25	71.70 -5.42 -1.51	65.09 -5.12 -0.52	72.12 -4.92 -2.29	83.24 -4.67 -0.36	68.14 -3.00 -0.35
VALLEY___115KV_TB 1-4 80826	41.98 1.39 0.00	57.87 1.99 0.00	48.57 1.91 0.00	47.21 1.90 0.00	39.50 1.74 0.00	55.18 2.33 0.00	75.63 3.08 0.00	86.46 3.46 0.00	81.12 3.62 0.00	67.82 2.56 0.00	58.46 2.15 0.00	53.68 1.88 0.00	38.32 1.28 0.00	38.16 1.29 0.00	48.88 2.05 0.00	72.86 3.28 0.00	91.90 4.65 0.00	86.60 4.68 0.00	89.77 4.65 0.00	79.46 3.84 0.00	73.09 3.41 0.00	77.97 3.23 0.00	91.10 3.55 0.00	73.50 2.71 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	68.41 2.54 -25.28	80.36 3.53 -20.95	71.27 3.11 -21.50	65.89 3.03 -17.55	64.54 2.56 -24.21	60.29 3.55 -3.89	77.55 5.00 0.00	88.78 5.77 0.00	83.31 5.58 -0.23	69.83 4.58 0.00	60.35 4.03 0.00	55.42 3.63 0.00	39.60 2.56 0.00	39.41 2.54 0.00	50.22 3.39 0.00	74.52 4.94 0.00	93.45 6.20 0.00	101.01 5.87 -13.23	98.26 5.99 -7.16	87.55 5.32 -6.61	77.48 4.74 -3.05	92.98 4.92 -13.32	95.01 5.36 -2.10	77.09 4.27 -2.04
VISCHER___FERRY HYD 24020	191.58 2.23 -148.77	182.20 3.06 -123.26	175.80 2.63 -126.51	151.09 2.53 -103.24	182.42 2.18 -142.48	78.69 2.97 -22.87	76.54 4.00 0.00	87.51 4.51 0.00	83.19 4.33 -1.36	68.62 3.37 0.00	59.34 3.03 0.00	54.64 2.84 0.00	39.03 1.99 0.00	38.80 1.93 0.00	49.42 2.59 0.00	73.34 3.77 0.00	92.14 4.89 0.00	164.57 4.81 -77.84	131.77 4.93 -41.73	111.04 4.43 -30.99	91.65 4.01 -17.95	157.46 4.32 -78.40	104.74 4.85 -12.33	86.67 3.91 -11.97
V_A_10_SYNC_DSASP 323832	36.97 -3.62 0.00	50.94 -4.95 0.00	42.67 -3.99 0.00	41.78 -3.53 0.00	34.89 -2.87 0.00	48.85 -4.01 0.00	67.24 -5.30 0.00	75.76 -7.24 0.00	70.98 -6.52 0.00	60.32 -4.93 0.00	52.75 -3.56 0.00	47.88 -3.92 0.00	34.26 -2.78 0.00	34.32 -2.55 0.00	43.32 -3.52 0.00	64.29 -5.28 0.00	79.94 -7.30 0.00	74.76 -7.16 0.00	77.23 -7.93 -0.04	69.15 -7.34 -0.87	63.06 -6.63 0.00	67.96 -6.78 0.00	80.62 -6.94 0.00	65.81 -4.99 0.00
V_CMM_10_SYNC_DSASP 323787	40.72 0.14 0.00	56.16 0.28 0.00	46.68 0.02 0.00	45.29 -0.02 0.00	37.65 -0.11 0.00	52.77 -0.08 0.00	72.33 -0.22 0.00	82.94 -0.06 0.00	77.30 -0.21 0.00	65.45 0.19 0.00	56.08 -0.23 0.00	51.44 -0.36 0.00	36.74 -0.30 0.00	36.58 -0.29 0.00	46.37 -0.46 0.00	69.16 -0.42 0.00	86.67 -0.58 0.00	81.04 -0.87 0.00	84.24 -0.87 0.00	74.85 -0.77 0.00	69.21 -0.47 0.00	74.43 -0.31 0.00	87.68 0.12 0.00	70.87 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	41.28 0.69 0.00	57.07 1.19 0.00	47.63 0.97 0.00	46.20 0.89 0.00	38.18 0.42 0.00	53.19 0.34 0.00	72.13 -0.41 0.00	83.00 0.00 0.00	77.84 0.33 0.00	65.98 0.73 0.00	56.71 0.39 0.00	51.97 0.17 0.00	37.16 0.12 0.00	37.02 0.15 0.00	47.18 0.34 0.00	70.45 0.87 0.00	88.65 1.40 0.00	82.78 0.87 0.00	86.02 0.91 0.00	76.33 0.72 0.00	70.36 0.68 0.00	75.50 0.76 0.00	88.98 1.42 0.00	72.22 1.43 0.00
V_D_10_SYNC_DSASP 323841	40.98 0.39 0.00	56.52 0.63 0.00	46.98 0.32 0.00	45.60 0.29 0.00	37.89 0.12 0.00	53.11 0.26 0.00	72.81 0.26 0.00	83.52 0.52 0.00	77.83 0.33 0.00	65.88 0.63 0.00	56.39 0.08 0.00	51.72 -0.08 0.00	36.93 -0.11 0.00	36.77 -0.09 0.00	46.61 -0.23 0.00	69.60 0.03 0.00	87.17 -0.07 0.00	81.41 -0.50 0.00	84.66 -0.46 0.00	75.19 -0.43 0.00	69.56 -0.12 0.00	74.89 0.14 0.00	88.28 0.72 0.00	71.36 0.57 0.00
V_E_10_SYNC_DSASP 323830	54.88 2.50 -11.79	69.39 3.74 -9.77	60.27 3.59 -10.02	57.19 3.70 -8.18	52.11 3.06 -11.29	59.24 4.57 -1.81	79.62 7.08 0.00	91.53 8.53 0.00	85.74 8.13 -0.11	71.83 6.58 0.00	61.69 5.37 0.00	56.18 4.39 0.00	39.93 2.90 0.00	39.97 3.09 0.00	50.98 4.15 0.00	76.95 7.37 0.00	96.43 9.18 0.00	96.07 7.99 -6.17	95.84 7.36 -3.36	85.59 6.53 -3.44	77.35 6.25 -1.42	86.53 5.58 -6.21	94.21 5.67 -0.98	76.75 5.01 -0.95
V_F_30_NSYNC___DSASP 323816	223.23 2.77 -179.87	208.76 3.84 -149.03	202.86 3.23 -152.96	173.28 3.13 -124.83	212.72 2.68 -172.27	84.26 3.76 -27.65	77.66 5.12 0.00	88.87 5.87 0.00	84.79 5.64 -1.64	69.60 4.35 0.00	60.05 3.73 0.00	55.19 3.39 0.00	39.40 2.36 0.00	39.22 2.36 0.00	49.98 3.14 0.00	74.33 4.75 0.00	93.54 6.29 0.00	182.31 6.27 -94.12	141.93 6.40 -50.41	117.90 5.68 -36.60	96.56 5.17 -21.71	175.06 5.52 -94.80	108.70 6.24 -14.91	90.31 5.04 -14.47

V_F_30_SYNC_DSASP 323786	160.97 1.80 -118.58	156.58 2.45 -98.25	149.71 2.20 -100.84	129.73 2.12 -82.30	153.15 1.82 -113.57	73.51 2.43 -18.23	75.80 3.25 0.00	86.61 3.60 0.00	82.07 3.49 -1.08	68.03 2.78 0.00	58.84 2.53 0.00	54.22 2.42 0.00	38.76 1.72 0.00	38.51 1.64 0.00	49.06 2.23 0.00	72.70 3.13 0.00	91.25 4.01 0.00	147.73 3.77 -62.05	122.28 3.85 -33.31	104.63 3.45 -25.56	87.19 3.19 -14.31	140.73 3.49 -62.50	101.30 3.91 -9.83	83.53 3.20 -9.54
V_XM_10_SYNC_DSASP 323789	41.28 0.69 0.00	57.07 1.19 0.00	47.63 0.97 0.00	46.20 0.89 0.00	38.18 0.42 0.00	53.19 0.34 0.00	72.13 -0.41 0.00	83.00 0.00 0.00	77.84 0.33 0.00	65.98 0.73 0.00	56.71 0.39 0.00	51.97 0.17 0.00	37.16 0.12 0.00	37.02 0.15 0.00	47.18 0.34 0.00	70.45 0.87 0.00	88.65 1.40 0.00	82.78 0.87 0.00	86.02 0.91 0.00	76.33 0.72 0.00	70.36 0.68 0.00	75.50 0.76 0.00	88.98 1.42 0.00	72.22 1.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	58.90 1.93 -16.38	71.96 2.51 -13.57	62.73 2.14 -13.93	58.65 1.98 -11.37	55.20 1.76 -15.68	57.82 2.45 -2.52	76.04 3.50 0.00	87.03 4.02 0.00	81.64 3.99 -0.15	68.25 2.99 0.00	59.25 2.93 0.00	54.82 3.03 0.00	39.25 2.21 0.00	38.93 2.07 0.00	49.52 2.68 0.00	73.23 3.66 0.00	92.04 4.80 0.00	95.30 4.82 -8.56	94.82 4.96 -4.75	86.48 4.48 -6.39	75.56 3.90 -1.98	87.34 3.97 -8.63	93.01 4.09 -1.36	75.35 3.24 -1.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	59.85 2.24 -17.03	72.85 2.86 -14.11	63.55 2.41 -14.48	59.39 2.27 -11.82	56.07 2.01 -16.31	58.25 2.78 -2.62	76.53 3.98 0.00	87.64 4.64 0.00	82.23 4.57 -0.15	68.75 3.50 0.00	59.79 3.48 0.00	55.42 3.63 0.00	39.70 2.66 0.00	39.34 2.47 0.00	50.04 3.20 0.00	73.91 4.33 0.00	92.84 5.60 0.00	96.36 5.54 -8.91	95.76 5.71 -4.93	87.40 5.15 -6.63	76.23 4.49 -2.06	88.31 4.60 -8.98	93.72 4.76 -1.41	75.93 3.77 -1.37
W50THST__13_KV_LOAD 356117	60.12 2.50 -17.03	73.20 3.21 -14.11	63.84 2.70 -14.48	59.67 2.54 -11.82	56.30 2.24 -16.31	58.60 3.13 -2.62	77.00 4.45 0.00	88.23 5.23 0.00	82.81 5.15 -0.15	69.25 4.00 0.00	60.26 3.95 0.00	55.87 4.07 0.00	40.05 3.01 0.00	39.69 2.83 0.00	50.46 3.62 0.00	74.53 4.95 0.00	93.57 6.32 0.00	97.04 6.22 -8.91	96.48 6.43 -4.93	88.01 5.76 -6.63	76.77 5.03 -2.06	88.88 5.17 -8.98	94.35 5.38 -1.41	76.43 4.27 -1.37
WADING RIVER_IC_1 23522	61.20 3.59 -17.02	74.62 4.62 -14.10	65.00 3.86 -14.47	60.80 3.67 -11.81	57.28 3.21 -16.30	60.13 4.66 -2.62	133.13 6.84 -53.74	101.23 7.96 -10.27	90.33 7.51 -5.32	70.24 4.99 0.00	60.98 4.66 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.16 4.33 0.00	121.06 6.67 -44.82	120.33 8.72 -24.37	164.03 8.46 -73.65	228.26 8.71 -134.44	240.03 8.08 -156.34	241.87 7.41 -164.78	270.21 7.00 -188.47	263.87 7.96 -168.35	179.85 6.39 -102.66
WADING RIVER_IC_2 23547	61.20 3.59 -17.02	74.62 4.62 -14.10	65.00 3.86 -14.47	60.80 3.67 -11.81	57.28 3.21 -16.30	60.13 4.66 -2.62	133.13 6.84 -53.74	101.23 7.96 -10.27	90.33 7.51 -5.32	70.24 4.99 0.00	60.98 4.66 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.16 4.33 0.00	121.06 6.67 -44.82	120.33 8.72 -24.37	164.03 8.46 -73.65	228.26 8.71 -134.44	240.03 8.08 -156.34	241.87 7.41 -164.78	270.21 7.00 -188.47	263.87 7.96 -168.35	179.85 6.39 -102.66
WADING RIVER_IC_3 23601	61.20 3.59 -17.02	74.62 4.62 -14.10	65.00 3.86 -14.47	60.80 3.67 -11.81	57.28 3.21 -16.30	60.13 4.66 -2.62	133.13 6.84 -53.74	101.23 7.96 -10.27	90.33 7.51 -5.32	70.24 4.99 0.00	60.98 4.66 0.00	56.63 4.83 0.00	40.66 3.62 0.00	40.37 3.50 0.00	51.16 4.33 0.00	121.06 6.67 -44.82	120.33 8.72 -24.37	164.03 8.46 -73.65	228.26 8.71 -134.44	240.03 8.08 -156.34	241.87 7.41 -164.78	270.21 7.00 -188.47	263.87 7.96 -168.35	179.85 6.39 -102.66
WALDENNY_12_KV_BK2 80841	37.29 -3.30 0.00	51.43 -4.46 0.00	43.13 -3.53 0.00	42.35 -2.96 0.00	35.35 -2.41 0.00	49.54 -3.32 0.00	68.29 -4.25 0.00	76.71 -6.29 0.00	71.91 -5.59 0.00	61.18 -4.08 0.00	53.60 -2.72 0.00	48.45 -3.35 0.00	34.66 -2.38 0.00	34.78 -2.08 0.00	43.89 -2.94 0.00	65.10 -4.47 0.00	80.61 -6.64 0.00	75.29 -6.62 0.00	77.76 -7.41 -0.05	69.73 -6.92 -1.04	63.53 -6.15 0.00	68.45 -6.29 0.00	81.41 -6.15 0.00	66.72 -4.07 0.00
WALDEN__HYDRO 24148	59.74 2.05 -17.10	72.74 2.68 -14.17	63.49 2.29 -14.54	59.34 2.16 -11.87	56.03 1.89 -16.38	58.12 2.64 -2.63	76.27 3.73 0.00	87.34 4.34 0.00	81.90 4.24 -0.16	68.43 3.18 0.00	59.33 3.02 0.00	54.87 3.08 0.00	39.27 2.23 0.00	38.96 2.10 0.00	49.61 2.78 0.00	73.54 3.96 0.00	92.39 5.15 0.00	95.95 5.11 -8.93	95.33 5.26 -4.95	86.89 4.74 -6.54	75.88 4.13 -2.07	87.99 4.24 -9.01	93.41 4.43 -1.42	75.66 3.50 -1.38
WARRENSBURG____ 23737	228.36 3.40 -184.37	213.31 4.67 -152.75	207.38 3.94 -156.79	177.08 3.82 -127.95	217.61 3.27 -176.58	85.89 4.69 -28.34	78.97 6.42 0.00	90.47 7.47 0.00	86.39 7.20 -1.68	70.75 5.49 0.00	60.95 4.64 0.00	55.89 4.09 0.00	39.89 2.85 0.00	39.71 2.84 0.00	50.60 3.76 0.00	75.31 5.74 0.00	94.94 7.70 0.00	186.20 7.81 -96.47	144.79 8.01 -51.66	120.07 7.04 -37.41	98.38 6.45 -22.25	178.96 7.05 -97.16	110.91 8.07 -15.28	92.14 6.51 -14.83
WATERSIDE____6 8 9 23538	59.93 2.31 -17.03	72.94 2.95 -14.11	63.64 2.49 -14.48	59.46 2.33 -11.82	55.94 2.07 -16.10	58.31 2.87 -2.59	76.66 4.12 0.00	87.82 4.82 0.00	82.41 4.75 -0.15	68.93 3.68 0.00	59.99 3.68 0.00	54.25 3.88 1.43	36.49 2.84 3.38	36.07 2.66 3.46	48.30 3.41 1.95	72.79 4.56 1.35	93.18 5.94 0.00	87.92 5.87 -0.14	76.59 6.06 14.59	63.89 5.46 17.18	76.48 4.74 -2.06	88.58 4.87 -8.98	93.92 4.96 -1.41	76.13 3.97 -1.37
WATKINRD_115KV_LN8_ILLION 55919	43.08 2.49 0.00	59.38 3.49 0.00	49.85 3.19 0.00	48.42 3.11 0.00	40.59 2.83 0.00	56.68 3.83 0.00	77.62 5.07 0.00	88.66 5.66 0.00	83.22 5.71 0.00	69.25 4.00 0.00	59.50 3.18 0.00	54.55 2.76 0.00	38.89 1.85 0.00	38.75 1.88 0.00	49.86 3.03 0.00	74.51 4.94 0.00	94.36 7.11 0.00	89.21 7.30 0.00	92.49 7.38 0.00	81.88 6.26 0.00	75.29 5.60 0.00	80.25 5.51 0.00	93.52 5.96 0.00	75.38 4.59 0.00
WATSON__69_KV_BK 1 55734	61.48 3.87 -17.02	75.00 5.01 -14.10	65.30 4.15 -14.47	61.05 3.92 -11.81	57.47 3.41 -16.30	60.36 4.89 -2.62	133.35 7.07 -53.74	96.30 8.06 -5.24	87.91 7.61 -2.79	70.49 5.23 0.00	61.24 4.93 0.00	56.89 5.09 0.00	40.78 3.74 0.00	40.44 3.57 0.00	51.38 4.55 0.00	99.31 6.86 -22.88	108.73 9.05 -12.44	133.05 8.89 -42.23	168.31 9.36 -73.84	192.86 8.44 -108.80	202.66 7.63 -125.35	184.11 7.48 -101.89	182.44 8.24 -86.64	130.43 6.56 -53.08
WDELAWARE__HYD 323627	60.30 1.40 -18.31	72.80 1.74 -15.17	63.74 1.51 -15.57	59.41 1.39 -12.71	56.55 1.25 -17.54	57.44 1.77 -2.82	75.08 2.54 0.00	86.01 3.01 0.00	80.62 2.95 -0.17	67.30 2.04 0.00	58.25 1.94 0.00	53.84 2.04 0.00	38.48 1.44 0.00	38.20 1.33 0.00	48.74 1.91 0.00	72.38 2.80 0.00	90.99 3.74 0.00	95.33 3.85 -9.57	94.31 3.92 -5.28	85.71 3.54 -6.55	74.90 3.01 -2.21	87.39 3.00 -9.65	92.03 2.95 -1.52	74.50 2.23 -1.47

WEST BABYLON___IC 23714	61.21 3.59 -17.02	74.67 4.68 -14.10	64.99 3.85 -14.47	60.77 3.64 -11.81	57.22 3.16 -16.30	60.00 4.53 -2.62	132.81 6.52 -53.74	91.74 7.46 -1.28	85.36 7.05 -0.80	70.11 4.85 0.00	60.96 4.65 0.00	56.64 4.84 0.00	40.56 3.52 0.00	40.21 3.34 0.00	51.10 4.27 0.00	81.53 6.39 -5.57	98.68 8.40 -3.03	107.70 8.33 -17.45	119.90 8.74 -26.04	154.81 7.90 -71.30	171.02 7.11 -94.23	115.35 7.02 -33.59	117.42 7.68 -22.17	90.82 6.06 -13.97
WEST CANADA___HYD 24049	40.95 0.36 0.00	56.39 0.51 0.00	47.13 0.47 0.00	45.77 0.46 0.00	38.17 0.41 0.00	53.39 0.54 0.00	73.28 0.74 0.00	83.86 0.86 0.00	78.36 0.85 0.00	65.89 0.64 0.00	56.92 0.60 0.00	52.37 0.57 0.00	37.45 0.40 0.00	37.26 0.39 0.00	47.37 0.54 0.00	70.35 0.77 0.00	88.30 1.05 0.00	82.94 1.03 0.00	86.13 1.02 0.00	76.54 0.92 0.00	70.49 0.81 0.00	75.56 0.82 0.00	88.39 0.84 0.00	71.44 0.65 0.00
WESTERN_NY_WIND 24143	38.08 -2.51 0.00	52.48 -3.41 0.00	43.95 -2.71 0.00	43.05 -2.26 0.00	36.00 -1.76 0.00	50.46 -2.39 0.00	69.62 -2.92 0.00	79.71 -3.30 0.00	74.48 -3.02 0.00	63.01 -2.25 0.00	54.84 -1.47 0.00	49.75 -2.04 0.00	35.43 -1.61 0.00	35.43 -1.44 0.00	45.08 -1.75 0.00	66.31 -3.27 0.00	82.42 -4.83 0.00	77.40 -4.51 0.00	79.94 -5.22 -0.05	71.51 -5.00 -0.90	65.23 -4.46 0.00	70.14 -4.60 0.00	83.07 -4.48 0.00	67.84 -2.95 0.00
WESTOVER___LESR 323668	48.03 -0.45 -7.89	61.82 -0.61 -6.54	53.03 -0.33 -6.71	50.59 -0.20 -5.48	45.13 -0.19 -7.56	53.82 -0.24 -1.21	72.22 -0.33 0.00	82.38 -0.62 0.00	77.16 -0.41 -0.07	64.82 -0.44 0.00	56.07 -0.24 0.00	51.47 -0.32 0.00	36.83 -0.21 0.00	36.77 -0.10 0.00	46.81 -0.03 0.00	69.64 0.07 0.00	86.81 -0.44 0.00	85.47 -0.57 -4.13	86.71 -0.67 -2.27	77.60 -0.69 -2.67	69.93 -0.71 -0.95	78.11 -0.79 -4.16	87.22 -0.99 -0.65	70.87 -0.56 -0.64
WETHRSFD_WT_PWR 323626	41.80 -3.16 -4.37	55.36 -4.15 -3.62	47.27 -3.11 -3.71	45.74 -2.61 -3.03	39.87 -2.08 -4.19	50.69 -2.84 -0.67	68.85 -3.70 0.00	77.74 -5.26 0.00	72.79 -4.76 -0.04	61.55 -3.71 0.00	53.60 -2.71 0.00	48.35 -3.45 0.00	34.55 -2.49 0.00	34.80 -2.07 0.00	44.22 -2.62 0.00	65.35 -4.23 0.00	80.65 -6.60 0.00	77.42 -6.78 -2.29	79.10 -7.27 -1.26	70.38 -6.73 -1.50	63.97 -6.23 -0.52	70.62 -6.42 -2.30	81.52 -6.40 -0.36	67.22 -3.92 -0.35
WHAVSTOR_138KV_BK127 55557	58.72 1.73 -16.39	71.71 2.24 -13.58	62.51 1.91 -13.94	58.46 1.77 -11.38	55.05 1.59 -15.70	57.57 2.19 -2.52	75.69 3.14 0.00	86.65 3.64 0.00	81.26 3.60 -0.15	67.92 2.66 0.00	58.99 2.68 0.00	54.58 2.78 0.00	39.07 2.03 0.00	38.75 1.88 0.00	49.29 2.46 0.00	72.88 3.30 0.00	91.59 4.35 0.00	94.87 4.38 -8.58	94.38 4.51 -4.75	86.11 4.10 -6.40	75.20 3.54 -1.98	86.97 3.59 -8.64	92.57 3.65 -1.36	75.04 2.93 -1.32
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	58.72 1.73 -16.39	71.71 2.24 -13.58	62.51 1.91 -13.94	58.46 1.77 -11.38	55.05 1.59 -15.70	57.57 2.19 -2.52	75.69 3.14 0.00	86.65 3.64 0.00	81.26 3.60 -0.15	67.92 2.66 0.00	58.99 2.68 0.00	54.58 2.78 0.00	39.07 2.03 0.00	38.75 1.88 0.00	49.29 2.46 0.00	72.88 3.30 0.00	91.59 4.35 0.00	94.87 4.38 -8.58	94.38 4.51 -4.75	86.11 4.10 -6.40	75.20 3.54 -1.98	86.97 3.59 -8.64	92.57 3.65 -1.36	75.04 2.93 -1.32
WHITEHAL_115KV_TB1 80871	226.60 3.52 -182.50	211.95 4.85 -151.20	205.91 4.05 -155.19	175.94 3.97 -126.66	215.97 3.42 -174.79	86.22 5.31 -28.05	79.58 7.04 0.00	91.38 8.38 0.00	87.22 8.06 -1.66	70.60 5.35 0.00	60.70 4.39 0.00	55.80 4.00 0.00	39.86 2.82 0.00	39.67 2.80 0.00	50.55 3.71 0.00	75.54 5.97 0.00	95.42 8.18 0.00	186.34 8.93 -95.49	145.35 9.10 -51.14	120.72 8.02 -37.08	99.31 7.60 -22.03	179.46 8.53 -96.18	112.96 10.27 -15.13	93.65 8.17 -14.68
WHITEPLN_13_KV_LOAD 356215	60.23 2.64 -17.00	73.43 3.46 -14.08	64.01 2.89 -14.45	59.84 2.74 -11.80	56.43 2.39 -16.28	58.81 3.34 -2.61	77.31 4.77 0.00	88.54 5.54 0.00	83.08 5.42 -0.15	69.42 4.17 0.00	60.29 3.98 0.00	55.81 4.01 0.00	39.98 2.94 0.00	39.63 2.76 0.00	50.44 3.61 0.00	74.65 5.07 0.00	93.78 6.54 0.00	97.28 6.47 -8.89	96.75 6.71 -4.93	88.23 5.99 -6.62	77.02 5.28 -2.05	89.01 5.31 -8.96	94.44 5.47 -1.41	76.50 4.34 -1.37
WM_FLOYD_69_KV_BK2 356380	61.25 3.63 -17.02	74.68 4.69 -14.10	65.04 3.90 -14.47	60.82 3.69 -11.81	57.29 3.23 -16.30	60.13 4.67 -2.62	133.12 6.83 -53.74	101.44 7.91 -10.53	90.40 7.45 -5.45	70.18 4.92 0.00	60.90 4.59 0.00	56.55 4.76 0.00	40.62 3.58 0.00	40.32 3.45 0.00	51.17 4.33 0.00	122.23 6.68 -45.98	121.02 8.77 -25.00	165.85 8.63 -75.31	231.65 8.89 -137.64	242.62 8.16 -158.85	243.97 7.42 -166.87	274.88 7.10 -193.05	268.16 7.93 -172.67	182.47 6.39 -105.28
WOODARD___115KV_TB2 355635	39.22 -1.37 0.00	53.97 -1.92 0.00	45.16 -1.50 0.00	43.93 -1.38 0.00	36.66 -1.10 0.00	51.28 -1.57 0.00	70.50 -2.04 0.00	80.50 -2.50 0.00	75.24 -2.26 0.00	63.34 -1.91 0.00	54.82 -1.50 0.00	50.31 -1.49 0.00	36.00 -1.04 0.00	35.90 -0.97 0.00	45.60 -1.24 0.00	67.78 -1.80 0.00	84.84 -2.40 0.00	79.81 -2.10 0.00	82.85 -2.27 0.00	73.52 -2.10 0.00	67.70 -1.98 0.00	72.63 -2.11 0.00	85.02 -2.53 0.00	68.82 -1.97 0.00
YORK___WARBASSE 23770	60.12 2.50 -17.03	73.20 3.21 -14.11	63.85 2.70 -14.48	59.68 2.55 -11.82	57.38 2.28 -17.34	58.77 3.14 -2.77	76.98 4.44 0.00	88.18 5.18 0.00	82.76 5.09 -0.15	69.23 3.98 0.00	60.26 3.93 -0.01	62.96 4.16 -7.01	56.69 3.05 -16.60	56.76 2.89 -16.99	60.13 3.73 -9.57	81.13 4.91 -6.64	93.64 6.40 0.00	140.19 6.33 -51.95	192.45 6.58 -100.76	205.05 5.93 -123.51	76.89 5.16 -2.06	89.04 5.33 -8.98	94.26 5.29 -1.41	76.44 4.27 -1.37