

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/09/2025

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	69.52	67.96	68.09	67.37	67.24	67.50	68.16	68.53	70.72	76.64	78.90	72.29	71.45	71.38	71.25	74.96	98.65	119.51	118.78	109.84	100.89	90.40	72.59	70.85
24138	3.79	3.11	3.24	2.72	2.65	2.78	3.18	3.43	3.78	4.18	4.24	4.20	4.04	4.04	3.97	4.45	5.21	6.21	6.24	5.79	5.57	5.20	4.28	3.39
	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-1.68	-5.07	-5.20	-2.56	-2.23	-2.24	-2.23	-3.11	-15.75	-24.62	-25.89	-22.47	-16.91	-11.94	-2.45	-2.22
74TH STREET_GT_1	69.52	67.96	68.03	67.31	67.24	67.31	67.84	68.47	70.65	76.57	78.83	72.22	71.45	71.32	71.24	74.89	98.61	119.38	118.75	109.89	100.93	90.38	72.59	70.79
24260	3.79	3.11	3.18	2.65	2.65	2.59	2.86	3.37	3.72	4.11	4.17	4.13	4.04	3.97	3.97	4.38	5.21	6.12	6.24	5.87	5.65	5.20	4.28	3.33
	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-1.68	-5.07	-5.21	-2.56	-2.23	-2.24	-2.23	-3.11	-15.71	-24.57	-25.85	-22.44	-16.88	-11.92	-2.45	-2.22
74TH STREET_GT_2	69.52	67.96	68.03	67.31	67.24	67.31	67.84	68.47	70.65	76.57	78.83	72.22	71.45	71.32	71.24	74.89	98.61	119.38	118.75	109.89	100.93	90.38	72.59	70.79
24261	3.79	3.11	3.18	2.65	2.65	2.59	2.86	3.37	3.72	4.11	4.17	4.13	4.04	3.97	3.97	4.38	5.21	6.12	6.24	5.87	5.65	5.20	4.28	3.33
	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-1.68	-5.07	-5.21	-2.56	-2.23	-2.24	-2.23	-3.11	-15.71	-24.57	-25.85	-22.44	-16.88	-11.92	-2.45	-2.22
ADK HUDSON___FALLS	74.61	70.17	70.23	69.96	69.82	69.64	70.24	73.01	88.50	126.39	130.01	98.09	93.98	93.99	76.44	105.67	127.47	191.19	225.27	191.79	152.68	137.31	97.23	93.89
24011	5.62	5.32	5.38	5.30	5.23	4.92	5.26	5.58	5.74	6.20	6.39	5.90	5.61	5.60	5.53	5.86	6.76	7.89	7.80	7.34	6.98	6.59	5.86	5.55
	-3.60	0.00	0.00	0.00	0.00	0.00	0.00	-2.59	-17.51	-52.81	-54.16	-26.66	-23.20	-23.28	-5.87	-32.41	-43.01	-94.60	-130.82	-102.88	-67.29	-57.46	-25.51	-23.10
ADK RESOURCE___RCVRY	75.09	70.56	70.69	70.35	70.21	70.16	70.95	73.41	89.00	127.12	130.76	98.64	94.50	94.46	76.80	106.27	128.17	192.26	226.56	192.88	153.54	138.01	97.71	94.42
23798	6.08	5.71	5.84	5.69	5.62	5.44	5.97	5.96	6.13	6.61	6.81	6.29	5.99	5.92	5.86	6.27	7.23	8.43	8.32	7.83	7.45	6.96	6.19	5.94
	-3.63	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	-17.62	-53.12	-54.49	-26.82	-23.34	-23.42	-5.90	-32.60	-43.25	-95.14	-131.58	-103.47	-67.67	-57.79	-25.67	-23.24
ADK S GLENS___FALLS	74.61	70.17	70.23	69.96	69.82	69.64	70.24	73.01	88.50	126.39	130.01	98.09	93.98	93.99	76.44	105.67	127.47	191.19	225.27	191.79	152.68	137.31	97.23	93.89
24028	5.62	5.32	5.38	5.30	5.23	4.92	5.26	5.58	5.74	6.20	6.39	5.90	5.61	5.60	5.53	5.86	6.76	7.89	7.80	7.34	6.98	6.59	5.86	5.55
	-3.60	0.00	0.00	0.00	0.00	0.00	0.00	-2.59	-17.51	-52.81	-54.16	-26.66	-23.20	-23.28	-5.87	-32.41	-43.01	-94.60	-130.82	-102.88	-67.29	-57.46	-25.51	-23.10
ADK_NYS___DAM	72.35	68.87	68.87	68.40	68.27	68.47	69.01	70.75	81.87	109.05	112.21	88.83	85.90	85.83	73.69	94.86	114.74	163.25	186.22	161.13	132.60	119.66	88.51	85.64
23527	4.45	4.02	4.02	3.75	3.68	3.75	4.03	4.09	4.37	4.72	4.86	4.65	4.49	4.43	4.36	4.79	5.67	6.65	6.58	6.20	5.96	5.50	4.81	4.24
	-2.52	0.00	0.00	0.00	0.00	0.00	0.00	-1.81	-12.25	-36.95	-37.89	-18.65	-16.23	-16.29	-4.29	-22.67	-31.38	-67.90	-92.99	-73.37	-48.23	-40.91	-17.85	-16.16
AIR_PRODUCTS___DRP	69.55	66.86	66.93	66.53	66.46	66.47	66.73	68.10	76.25	96.36	99.26	81.36	79.18	79.09	70.38	86.26	103.27	140.91	156.89	137.46	116.24	105.69	81.18	79.06
24190	2.35	2.01	2.08	1.87	1.87	1.75	1.75	1.95	2.15	2.29	2.43	2.36	2.28	2.21	2.21	2.49	2.72	2.93	2.86	2.69	2.82	2.78	2.44	2.15
	-1.82	0.00	0.00	0.00	0.00	0.00	0.00	-1.31	-8.85	-26.68	-27.37	-13.47	-11.72	-11.76	-3.12	-16.37	-22.85	-49.30	-67.38	-53.19	-35.01	-29.65	-12.89	-11.67
AKWESSNE_115KV_BK	65.58	65.69	65.63	65.69	65.69	66.01	66.21	65.63	65.51	67.25	69.25	65.46	65.50	65.50	65.44	67.26	77.38	87.89	85.87	80.84	77.55	72.53	65.27	65.37
355683	0.20	0.84	0.78	1.03	1.10	1.29	1.23	0.78	0.26	-0.13	-0.21	-0.07	0.33	0.39	0.39	-0.13	-0.31	-0.80	-0.78	-0.73	-0.86	-0.73	-0.59	0.13
	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	71.61	69.65	69.78	69.37	69.24	69.18	69.40	69.92	76.39	92.97	95.58	80.20	78.22	78.25	71.30	84.78	100.87	133.64	146.10	129.32	111.54	101.88	80.74	79.10
323833	4.77	4.80	4.93	4.72	4.65	4.46	4.42	4.02	4.05	4.18	4.17	3.87	3.65	3.71	3.77	4.25	4.98	5.59	5.55	5.23	5.17	4.91	4.54	4.50
	-1.46	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-7.10	-21.40	-21.95	-10.80	-9.40	-9.44	-2.49	-13.13	-18.20	-39.36	-53.89	-42.52	-27.96	-23.71	-10.34	-9.36
ALBANY_2_SOLAR	71.61	69.65	69.72	69.37	69.24	69.18	69.40	69.85	76.39	92.97	95.57	80.20	78.22	78.25	71.30	84.78	100.87	133.64	146.10	129.32	111.54	101.87	80.68	79.10
323834	4.77	4.80	4.87	4.72	4.65	4.46	4.42	3.96	4.05	4.18	4.17	3.87	3.65	3.71	3.77	4.25	4.98	5.59	5.55	5.23	5.17	4.91	4.48	4.50
	-1.46	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-7.10	-21.40	-21.95	-10.80	-9.40	-9.43	-2.49	-13.13	-18.20	-39.36	-53.89	-42.52	-27.96	-23.71	-10.34	-9.36
ALBANY___1	69.55	66.86	66.93	66.53	66.46	66.47	66.73	68.10	76.25	96.36	99.26	81.36	79.18	79.09	70.38	86.26	103.27	140.91	156.89	137.46	116.24	105.69	81.18	79.06
23571	2.35	2.01	2.08	1.87	1.87	1.75	1.75	1.95	2.15	2.29	2.43	2.36	2.28	2.21	2.21	2.49	2.72	2.93	2.86	2.69	2.82	2.78	2.44	2.15
	-1.82	0.00	0.00	0.00	0.00	0.00	0.00	-1.31	-8.85	-26.68	-27.37	-13.47	-11.72	-11.76	-3.12	-16.37	-22.85	-49.30	-67.38	-53.19	-35.01	-29.65	-12.89	-11.67

ALBANY___2 23572	69.55 2.35 -1.82	66.86 2.01 0.00	66.93 2.08 0.00	66.53 1.87 0.00	66.46 1.87 0.00	66.47 1.75 0.00	66.73 1.75 0.00	68.10 1.95 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.26 2.43 -27.37	81.36 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.26 2.49 -16.37	103.27 2.72 -22.85	140.91 2.93 -49.30	156.89 2.86 -67.38	137.46 2.69 -53.19	116.24 2.82 -35.01	105.69 2.78 -29.65	81.18 2.44 -12.89	79.06 2.15 -11.67
ALBANY___3 23573	69.55 2.35 -1.82	66.86 2.01 0.00	66.93 2.08 0.00	66.53 1.87 0.00	66.46 1.87 0.00	66.47 1.75 0.00	66.73 1.75 0.00	68.10 1.95 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.26 2.43 -27.37	81.36 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.26 2.49 -16.37	103.27 2.72 -22.85	140.91 2.93 -49.30	156.89 2.86 -67.38	137.46 2.69 -53.19	116.24 2.82 -35.01	105.69 2.78 -29.65	81.18 2.44 -12.89	79.06 2.15 -11.67
ALBANY___4 23574	69.55 2.35 -1.82	66.86 2.01 0.00	66.93 2.08 0.00	66.53 1.87 0.00	66.46 1.87 0.00	66.47 1.75 0.00	66.73 1.75 0.00	68.10 1.95 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.26 2.43 -27.37	81.36 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.26 2.49 -16.37	103.27 2.72 -22.85	140.91 2.93 -49.30	156.89 2.86 -67.38	137.46 2.69 -53.19	116.24 2.82 -35.01	105.69 2.78 -29.65	81.18 2.44 -12.89	79.06 2.15 -11.67
ALBANY___LFGE 323615	70.61 2.87 -2.36	67.45 2.60 0.00	67.45 2.60 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.45 2.47 0.00	69.07 2.53 -1.69	79.38 2.68 -11.45	104.82 2.90 -34.54	107.94 3.05 -35.43	85.92 2.95 -17.44	83.15 2.80 -15.17	83.14 2.80 -15.23	71.79 2.80 -3.95	91.70 3.10 -21.20	110.06 3.41 -28.95	155.47 3.81 -62.97	176.79 3.64 -86.50	153.25 3.51 -68.18	126.61 3.45 -44.75	114.66 3.37 -38.03	85.58 3.03 -16.69	83.03 2.68 -15.11
ALCOA_PA_115KV_PL-6C 55860	65.90 0.52 0.00	66.02 1.17 0.00	65.95 1.10 0.00	66.01 1.36 0.00	66.01 1.42 0.00	66.40 1.68 0.00	66.54 1.56 0.00	65.95 1.10 0.00	65.84 0.59 0.00	67.59 0.20 0.00	69.60 0.14 0.00	65.72 0.20 0.00	65.76 0.59 0.00	65.76 0.65 0.00	65.76 0.72 0.00	67.60 0.20 0.00	77.69 0.00 0.00	88.16 -0.53 0.00	86.13 -0.52 0.00	81.08 -0.49 0.00	77.86 -0.55 0.00	72.89 -0.37 0.00	65.59 -0.26 0.00	65.76 0.52 0.00
ALCOA_RYNLDS___DRP 24188	65.90 0.52 0.00	66.02 1.17 0.00	65.95 1.10 0.00	66.01 1.36 0.00	66.01 1.42 0.00	66.40 1.68 0.00	66.54 1.56 0.00	65.95 1.10 0.00	65.84 0.59 0.00	67.59 0.20 0.00	69.60 0.14 0.00	65.72 0.20 0.00	65.76 0.59 0.00	65.76 0.65 0.00	65.76 0.72 0.00	67.60 0.20 0.00	77.69 0.00 0.00	88.16 -0.53 0.00	86.13 -0.52 0.00	81.08 -0.49 0.00	77.86 -0.55 0.00	72.89 -0.37 0.00	65.59 -0.26 0.00	65.76 0.52 0.00
ALCOA___DSASP 323711	65.84 0.46 0.00	65.95 1.10 0.00	65.88 1.03 0.00	65.95 1.29 0.00	65.95 1.36 0.00	65.89 1.17 0.00	65.89 0.91 0.00	65.88 1.03 0.00	65.84 0.59 0.00	67.59 0.20 0.00	69.60 0.14 0.00	65.72 0.20 0.00	65.76 0.59 0.00	65.76 0.65 0.00	65.76 0.72 0.00	67.60 0.20 0.00	77.69 0.00 0.00	88.16 -0.53 0.00	86.14 -0.52 0.00	81.08 -0.49 0.00	77.87 -0.55 0.00	72.89 -0.36 0.00	65.60 -0.26 0.00	65.70 0.46 0.00
ALLEGHENY___COGEN 23514	64.33 -1.05 0.00	63.23 -1.62 0.00	62.97 -1.88 0.00	62.91 -1.74 0.00	62.71 -1.88 0.00	62.98 -1.74 0.00	63.23 -1.75 0.00	62.19 -2.66 0.00	62.84 -2.41 0.00	65.57 -1.82 0.00	67.10 -2.36 0.00	62.71 -2.82 0.00	61.33 -3.85 0.00	61.40 -3.71 0.00	61.01 -4.03 0.00	64.91 -2.49 0.00	75.05 -2.64 0.00	86.56 -2.13 0.00	84.40 -2.25 0.00	79.78 -1.79 0.00	76.76 -1.65 0.00	71.86 -1.39 0.00	65.20 -0.66 0.00	63.94 -1.30 0.00
ALTAMONT_115KV_TB 2 55880	69.07 2.29 -1.41	66.86 2.01 0.00	66.93 2.08 0.00	66.53 1.87 0.00	66.40 1.81 0.00	66.47 1.75 0.00	66.80 1.82 0.00	67.87 2.01 -1.01	74.30 2.22 -6.83	90.41 2.43 -20.60	93.02 2.43 -21.13	78.29 2.36 -10.40	76.44 2.22 -9.05	76.41 2.21 -9.08	69.72 2.21 -2.46	82.53 2.49 -12.64	98.57 2.87 -18.00	130.59 3.37 -38.54	142.38 3.29 -52.43	126.13 3.10 -41.46	108.82 3.06 -27.35	99.20 2.86 -23.09	78.31 2.50 -9.95	76.40 2.15 -9.01
ALTONA_WT_PWR 323606	66.62 1.24 0.00	66.66 1.81 0.00	66.60 1.75 0.00	66.59 1.94 0.00	66.59 2.00 0.00	66.66 1.94 0.00	66.28 1.30 0.00	66.34 1.49 0.00	66.43 1.18 0.00	68.20 0.81 0.00	70.22 0.77 0.00	66.32 0.79 0.00	66.41 1.24 0.00	66.28 1.17 0.00	66.28 1.23 0.00	68.21 0.81 0.00	78.47 0.78 0.00	89.04 0.36 0.00	86.91 0.26 0.00	81.57 0.00 0.00	78.10 -0.31 0.00	72.67 -0.59 0.00	65.14 -0.72 0.00	65.50 0.26 0.00
AMERICAN_REF_FUEL 24010	60.61 -4.77 0.00	59.34 -5.51 0.00	59.08 -5.77 0.00	59.22 -5.43 0.00	58.97 -5.62 0.00	59.61 -5.11 0.00	59.52 -5.46 0.00	57.52 -7.33 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.37 -7.68 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.28 -9.40 0.00	76.69 -9.96 0.00	72.84 -8.73 0.00	70.18 -8.23 0.00	66.52 -6.74 0.00	60.99 -4.87 0.00	60.02 -5.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	64.33 -1.05 0.00	62.97 -1.88 0.00	62.58 -2.27 0.00	62.52 -2.13 0.00	62.14 -2.45 0.00	62.71 -2.01 0.00	62.77 -2.21 0.00	61.22 -3.63 0.00	62.12 -3.13 0.00	65.57 -1.82 0.00	67.23 -2.23 0.00	62.78 -2.75 0.00	60.61 -4.56 0.00	60.62 -4.49 0.00	60.10 -4.95 0.00	63.69 -3.71 0.00	73.11 -4.58 0.00	83.90 -4.79 0.00	81.37 -5.29 0.00	77.41 -4.16 0.00	74.65 -3.76 0.00	70.84 -2.42 0.00	64.94 -0.92 0.00	63.74 -1.50 0.00
ARTHUR KILL_GT_1 23520	69.26 3.53 -0.35	67.51 2.66 0.00	67.64 2.79 0.00	65.42 2.13 1.37	65.42 2.07 1.24	66.85 2.13 0.00	67.39 2.41 0.00	67.76 2.66 -0.25	70.00 3.07 -1.68	75.90 3.43 -5.08	78.07 3.40 -5.21	65.36 3.41 3.57	70.79 3.39 -2.23	70.67 3.32 -2.24	70.59 3.32 -2.23	74.28 3.77 -3.11	98.20 4.74 -15.77	121.87 5.68 -27.50	120.94 5.90 -28.39	123.00 5.62 -35.80	110.72 5.33 -26.97	90.09 4.91 -11.92	72.19 3.88 -2.45	70.40 2.94 -2.22
ARTHUR_KILL_2 23512	69.06 3.33 -0.35	67.31 2.46 0.00	67.45 2.60 0.00	65.23 1.94 1.37	65.29 1.94 1.24	66.66 1.94 0.00	67.19 2.21 0.00	67.56 2.46 -0.25	69.80 2.87 -1.68	75.70 3.23 -5.08	77.86 3.20 -5.21	65.16 3.21 3.57	70.60 3.19 -2.23	70.54 3.19 -2.24	70.46 3.19 -2.23	74.08 3.57 -3.11	97.97 4.50 -15.77	121.60 5.41 -27.50	120.67 5.63 -28.39	122.76 5.38 -35.80	110.48 5.09 -26.97	89.80 4.62 -11.92	72.00 3.69 -2.45	70.20 2.74 -2.22
ARTHUR_KILL_3 23513	65.22 3.01 3.17	65.22 2.33 1.96	65.22 2.46 2.09	65.22 1.94 1.37	65.22 1.87 1.24	65.22 2.01 1.51	65.22 2.34 2.10	65.22 2.60 2.23	65.22 2.94 2.97	65.22 3.23 5.40	65.22 3.27 7.50	65.22 3.27 3.58	65.22 3.19 3.15	65.22 3.19 3.08	65.22 3.12 2.95	65.22 3.57 5.75	64.64 4.27 17.32	65.24 5.05 28.50	66.22 5.20 25.63	66.22 4.89 20.25	65.24 4.70 17.88	66.22 4.32 11.36	65.22 3.49 4.13	65.22 2.61 2.63

ARTHUR_KILL_COGEN 323718	69.26 3.53 -0.35	67.51 2.66 0.00	67.64 2.79 0.00	65.42 2.13 1.37	65.42 2.07 1.24	66.85 2.13 0.00	67.39 2.41 0.00	67.76 2.66 -0.25	70.00 3.07 -1.68	75.90 3.43 -5.08	78.07 3.40 -5.21	65.36 3.41 3.57	70.79 3.39 -2.23	70.67 3.32 -2.24	70.59 3.32 -2.23	74.28 3.77 -3.11	98.20 4.74 -15.77	121.87 5.68 -27.50	120.94 5.90 -28.39	123.00 5.62 -35.80	110.72 5.33 -26.97	90.09 4.91 -11.92	72.19 3.88 -2.45	70.40 2.94 -2.22
ASHOKAN____ 23654	68.46 2.03 -1.05	69.00 4.15 0.00	69.13 4.28 0.00	68.67 4.01 0.00	68.40 3.81 0.00	68.47 3.75 0.00	68.23 3.25 0.00	66.64 1.03 -0.76	71.67 1.30 -5.12	84.37 1.55 -15.44	86.68 1.39 -15.83	74.56 1.24 -7.79	73.19 1.24 -6.78	72.89 0.98 -6.81	67.85 1.17 -1.63	78.49 1.61 -9.47	92.00 2.33 -11.97	118.29 2.75 -26.85	127.24 3.03 -37.56	113.68 2.69 -29.42	100.36 2.82 -19.13	92.07 2.34 -16.46	75.23 1.91 -7.46	73.49 1.50 -6.75
ASTORIA_EAST_ENERGY_CC1 323581	69.86 4.12 -0.36	68.23 3.37 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.37 2.78 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.12 3.20 -1.68	76.02 3.57 -5.07	78.27 3.61 -5.20	71.68 3.60 -2.55	70.91 3.52 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.34 3.84 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.22 5.72 -25.84	109.47 5.47 -22.43	100.45 5.17 -16.87	90.01 4.83 -11.92	72.46 4.15 -2.45	70.92 3.46 -2.22
ASTORIA_EAST_ENERGY_CC2 323582	69.86 4.12 -0.36	68.23 3.37 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.37 2.78 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.19 3.26 -1.68	76.02 3.57 -5.07	78.27 3.61 -5.20	71.68 3.60 -2.55	70.98 3.58 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.41 3.91 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.22 5.72 -25.84	109.47 5.47 -22.43	100.45 5.17 -16.87	90.01 4.83 -11.92	72.46 4.15 -2.45	70.92 3.46 -2.22
ASTORIA_GT2_1 24094	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT2_2 24095	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT2_3 24096	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT2_4 24097	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT3_1 24098	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT3_2 24099	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT3_3 24100	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT3_4 24101	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT4_1 24102	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT4_2 24103	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT4_3 24104	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22

ASTORIA_GT4_4 24105	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.89 2.79 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.69 3.60 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.15 4.74 -15.71	118.85 5.59 -24.57	118.31 5.81 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA_GT_1 23523	69.98 4.25 -0.36	68.36 3.50 -0.01	68.49 3.63 -0.01	67.63 2.98 0.00	67.50 2.91 0.00	67.50 2.78 0.00	67.84 2.86 0.00	68.01 2.92 -0.24	70.32 3.39 -1.68	76.23 3.77 -5.07	78.40 3.75 -5.20	71.81 3.73 -2.55	71.11 3.71 -2.22	70.98 3.64 -2.23	70.91 3.64 -2.22	74.55 4.04 -3.11	98.30 4.90 -15.71	119.01 5.76 -24.56	118.47 5.97 -25.84	109.63 5.62 -22.43	100.69 5.41 -16.87	90.23 5.05 -11.92	72.59 4.28 -2.45	71.11 3.65 -2.22
ASTORIA_GT_10 24110	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.08 2.98 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
ASTORIA_GT_11 24225	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.08 2.98 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
ASTORIA_GT_12 24226	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.08 2.98 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
ASTORIA_GT_13 24227	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.08 2.98 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
ASTORIA_GT_5 24106	69.98 4.25 -0.35	68.35 3.50 0.00	68.48 3.63 0.00	67.63 2.97 0.00	67.50 2.91 0.00	67.31 2.59 0.00	67.58 2.60 0.00	68.02 2.92 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.23 5.05 -11.92	72.59 4.28 -2.45	70.92 3.46 -2.22
ASTORIA_GT_7 24107	69.98 4.25 -0.35	68.35 3.50 0.00	68.48 3.63 0.00	67.63 2.97 0.00	67.50 2.91 0.00	67.31 2.59 0.00	67.58 2.60 0.00	68.02 2.92 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.23 5.05 -11.92	72.59 4.28 -2.45	70.92 3.46 -2.22
ASTORIA_GT_8 24108	69.98 4.25 -0.35	68.35 3.50 0.00	68.48 3.63 0.00	67.63 2.97 0.00	67.50 2.91 0.00	67.31 2.59 0.00	67.58 2.60 0.00	68.02 2.92 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.23 5.05 -11.92	72.59 4.28 -2.45	70.92 3.46 -2.22
ASTORIA___2 24149	69.92 4.19 -0.36	68.29 3.43 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.43 2.84 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.19 3.26 -1.68	76.09 3.64 -5.07	78.34 3.68 -5.20	71.68 3.60 -2.55	70.98 3.58 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.41 3.91 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.30 5.81 -25.84	109.47 5.47 -22.43	100.54 5.25 -16.87	90.09 4.91 -11.92	72.46 4.15 -2.45	70.98 3.52 -2.22
ASTORIA___3 23516	69.58 3.86 -0.35	67.96 3.11 0.00	68.09 3.24 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.23 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.64 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.90 -15.71	119.02 5.76 -24.57	118.40 5.90 -25.85	109.64 5.62 -22.44	100.62 5.33 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
ASTORIA___4 23517	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.08 2.98 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
ASTORIA___5 23518	69.58 3.86 -0.35	67.96 3.11 0.00	68.09 3.24 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.23 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.64 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.90 -15.71	119.02 5.76 -24.57	118.40 5.90 -25.85	109.64 5.62 -22.44	100.62 5.33 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
AST_ENERGY_2_CC3 323677	69.19 3.46 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.32 0.00	66.91 2.32 0.00	67.18 2.46 0.00	67.71 2.73 0.00	68.08 2.98 -0.25	70.13 3.20 -1.68	76.03 3.57 -5.07	78.27 3.61 -5.20	71.69 3.60 -2.56	70.92 3.52 -2.23	70.80 3.45 -2.24	70.72 3.45 -2.23	74.35 3.84 -3.11	98.00 4.58 -15.72	118.69 5.41 -24.59	118.07 5.55 -25.86	109.25 5.23 -22.45	100.32 5.02 -16.89	89.80 4.62 -11.93	72.13 3.82 -2.45	70.46 3.00 -2.22
AST_ENERGY_2_CC4 323678	69.19 3.46 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.32 0.00	66.91 2.32 0.00	67.18 2.46 0.00	67.71 2.73 0.00	68.08 2.98 -0.25	70.13 3.20 -1.68	76.03 3.57 -5.07	78.27 3.61 -5.20	71.69 3.60 -2.56	70.92 3.52 -2.23	70.80 3.45 -2.24	70.72 3.45 -2.23	74.35 3.84 -3.11	98.00 4.58 -15.72	118.69 5.41 -24.59	118.07 5.55 -25.86	109.25 5.23 -22.45	100.32 5.02 -16.89	89.80 4.62 -11.93	72.13 3.82 -2.45	70.46 3.00 -2.22

ATHENS_STG_1 23668	67.99 2.35 -0.26	66.79 1.94 0.00	66.86 2.01 0.00	66.40 1.75 0.00	66.27 1.68 0.00	66.53 1.81 0.00	66.93 1.95 0.00	67.11 2.07 -0.19	68.80 2.28 -1.26	73.76 2.56 -3.81	75.94 2.57 -3.91	69.94 2.49 -1.92	69.26 2.41 -1.67	69.13 2.34 -1.68	68.12 2.34 -0.73	72.36 2.63 -2.34	86.14 3.19 -5.26	102.12 3.72 -9.71	102.29 3.72 -11.91	94.84 3.51 -9.76	88.58 3.37 -6.80	81.74 3.15 -5.34	70.33 2.64 -1.84	69.05 2.15 -1.67
ATHENS_STG_2 23670	67.99 2.35 -0.26	66.79 1.94 0.00	66.86 2.01 0.00	66.40 1.75 0.00	66.27 1.68 0.00	66.53 1.81 0.00	66.93 1.95 0.00	67.11 2.07 -0.19	68.80 2.28 -1.26	73.76 2.56 -3.81	75.94 2.57 -3.91	69.94 2.49 -1.92	69.26 2.41 -1.67	69.13 2.34 -1.68	68.12 2.34 -0.73	72.36 2.63 -2.34	86.14 3.19 -5.26	102.12 3.72 -9.71	102.29 3.72 -11.91	94.84 3.51 -9.76	88.58 3.37 -6.80	81.74 3.15 -5.34	70.33 2.64 -1.84	69.05 2.15 -1.67
ATHENS_STG_3 23677	67.99 2.35 -0.26	66.79 1.94 0.00	66.86 2.01 0.00	66.40 1.75 0.00	66.27 1.68 0.00	66.53 1.81 0.00	66.93 1.95 0.00	67.11 2.07 -0.19	68.80 2.28 -1.26	73.76 2.56 -3.81	75.94 2.57 -3.91	69.94 2.49 -1.92	69.26 2.41 -1.67	69.13 2.34 -1.68	68.12 2.34 -0.73	72.36 2.63 -2.34	86.14 3.19 -5.26	102.12 3.72 -9.71	102.29 3.72 -11.91	94.84 3.51 -9.76	88.58 3.37 -6.80	81.74 3.15 -5.34	70.33 2.64 -1.84	69.05 2.15 -1.67
AUBURN___LFGE 323710	64.66 -0.72 0.00	63.81 -1.04 0.00	63.62 -1.23 0.00	63.49 -1.16 0.00	63.36 -1.23 0.00	63.36 -1.36 0.00	63.55 -1.43 0.00	63.68 -1.17 0.00	64.47 -0.78 0.00	66.92 -0.47 0.00	69.11 -0.35 0.00	64.94 -0.59 0.00	64.00 -1.17 0.00	64.00 -1.11 0.00	63.94 -1.11 0.00	66.86 -0.54 0.00	77.07 -0.62 0.00	88.24 -0.44 0.00	86.13 -0.52 0.00	81.08 -0.49 0.00	77.94 -0.47 0.00	72.75 -0.51 0.00	65.53 -0.33 0.00	64.52 -0.72 0.00
BABYLON_RES_REC 323704	94.41 5.10 -23.92	89.19 4.41 -19.93	87.23 4.47 -17.91	87.07 4.01 -18.40	87.00 3.94 -18.47	78.05 4.08 -9.25	86.22 4.42 -16.82	89.19 4.60 -19.74	89.19 4.96 -18.98	137.86 5.46 -65.02	108.43 5.56 -33.42	129.94 5.37 -59.04	108.32 5.22 -37.93	106.35 5.14 -36.10	111.76 5.21 -41.51	145.16 5.80 -71.97	151.16 6.68 -66.78	163.75 7.99 -67.07	175.02 7.97 -80.40	162.11 7.50 -73.04	162.20 7.21 -76.58	148.75 6.60 -68.89	141.47 5.66 -69.94	129.20 4.83 -59.13
BABYLON__69_KV_BK2 356345	95.18 5.88 -23.91	89.96 5.19 -19.92	87.94 5.19 -17.90	87.77 4.72 -18.39	87.77 4.72 -18.46	78.55 4.60 -9.24	86.67 4.87 -16.82	89.96 5.38 -19.73	89.97 5.74 -18.98	138.73 6.33 -65.01	109.26 6.39 -33.41	130.78 6.23 -59.03	109.16 6.06 -37.92	107.13 5.93 -36.09	112.59 6.05 -41.50	146.10 6.74 -71.96	156.75 7.61 -71.44	173.74 9.13 -75.92	190.58 9.19 -94.74	171.75 8.56 -81.61	175.54 8.23 -88.90	149.63 7.47 -68.90	142.38 6.59 -69.94	129.98 5.61 -59.12
BALL_HILL_WT_PWR 323825	63.29 -2.09 0.00	62.00 -2.85 0.00	61.67 -3.18 0.00	61.75 -2.91 0.00	61.43 -3.16 0.00	62.00 -2.72 0.00	61.99 -2.99 0.00	60.31 -4.54 0.00	61.14 -4.11 0.00	64.49 -2.90 0.00	66.20 -3.26 0.00	61.99 -3.54 0.00	60.02 -5.15 0.00	60.23 -4.88 0.00	59.78 -5.27 0.00	63.36 -4.04 0.00	72.49 -5.20 0.00	83.01 -5.68 0.00	80.41 -6.24 0.00	76.43 -5.14 0.00	73.63 -4.79 0.00	69.74 -3.52 0.00	63.88 -1.97 0.00	62.76 -2.48 0.00
BARON_WINDS___WT_PWR 323822	64.31 -1.17 -0.10	63.16 -1.69 0.00	62.91 -1.94 0.00	62.85 -1.81 0.00	62.59 -2.00 0.00	62.91 -1.81 0.00	63.03 -1.95 0.00	62.07 -2.85 -0.07	63.20 -2.55 -0.49	66.99 -1.89 -1.49	68.76 -2.23 -1.53	63.72 -2.56 -0.75	62.18 -3.65 -0.65	62.12 -3.64 -0.66	61.23 -3.97 -0.16	65.35 -2.96 -0.91	75.42 -3.42 -1.15	87.71 -3.55 -2.57	86.53 -3.72 -3.60	81.21 -3.18 -2.82	77.10 -3.14 -1.83	72.34 -2.49 -1.58	65.06 -1.51 -0.71	63.93 -1.96 -0.65
BARRETT_IC_1 23704	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_10 23701	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_11 23702	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_12 23703	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_2 23705	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_3 23706	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_4 23707	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13

BARRETT_IC_5 23708	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_6 23709	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_7 23710	93.35 4.05 -23.91	88.21 3.44 -19.92	86.25 3.50 -17.90	86.09 3.04 -18.39	86.09 3.04 -18.46	77.07 3.11 -9.24	85.04 3.25 -16.82	88.21 3.63 -19.73	88.27 4.05 -18.98	136.71 4.31 -65.01	107.31 4.45 -33.41	128.82 4.26 -59.03	107.27 4.17 -37.92	105.43 4.23 -36.09	110.64 4.10 -41.50	143.87 4.52 -71.96	147.60 5.36 -64.55	157.74 6.21 -62.84	166.26 6.07 -73.54	156.30 5.79 -68.94	154.75 5.65 -70.69	147.49 5.35 -68.88	140.27 4.48 -69.94	127.95 3.59 -59.12
BARRETT_IC_8 23711	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT_IC_9 23700	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT___1 23545	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BARRETT___2 23546	93.36 4.05 -23.92	88.28 3.50 -19.93	86.32 3.56 -17.91	86.16 3.10 -18.40	86.10 3.04 -18.47	77.33 3.36 -9.25	85.31 3.51 -16.82	88.28 3.69 -19.74	88.28 4.05 -18.98	136.72 4.32 -65.02	107.32 4.45 -33.42	128.82 4.26 -59.04	107.28 4.17 -37.93	105.44 4.23 -36.10	110.65 4.10 -41.51	143.88 4.52 -71.97	147.60 5.36 -64.55	157.65 6.11 -62.85	166.44 6.24 -73.54	156.31 5.79 -68.95	154.76 5.65 -70.70	147.49 5.35 -68.89	140.28 4.48 -69.94	128.02 3.65 -59.13
BATAVIA___115KV_TB1 55881	63.03 -2.35 0.00	61.74 -3.11 0.00	61.61 -3.24 0.00	61.68 -2.97 0.00	61.43 -3.16 0.00	60.64 -4.08 0.00	60.17 -4.81 0.00	60.31 -4.54 0.00	61.27 -3.98 0.00	64.62 -2.76 0.00	66.54 -2.92 0.00	62.25 -3.28 0.00	60.61 -4.56 0.00	61.01 -4.10 0.00	60.49 -4.55 0.00	64.16 -3.24 0.00	73.19 -4.51 0.00	84.08 -4.61 0.00	81.54 -5.11 0.00	77.25 -4.32 0.00	74.41 -4.00 0.00	70.18 -3.08 0.00	63.95 -1.91 0.00	62.76 -2.48 0.00
BAYONEEC___CTG1 323682	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG10 323750	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG2 323683	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG3 323684	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG4 323685	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG5 323686	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG6 323687	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03

BAYONEEC___CTG7 323688	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG8 323689	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BAYONEEC___CTG9 323749	67.47 3.33 1.24	66.62 2.66 0.89	66.69 2.79 0.95	66.30 2.26 0.62	66.22 2.20 0.56	66.36 2.33 0.68	66.70 2.67 0.95	66.90 2.92 0.87	68.09 3.26 0.42	71.29 3.57 -0.34	72.60 3.68 0.54	68.91 3.60 0.22	68.56 3.58 0.20	68.46 3.51 0.17	68.44 3.51 0.11	70.41 3.91 0.89	83.11 4.66 -0.76	85.14 5.41 8.96	81.56 5.55 10.64	81.56 5.23 5.24	79.87 5.02 3.56	79.35 4.69 -1.40	69.15 3.82 0.52	68.20 2.94 -0.03
BEACON___LESR 323632	70.78 3.53 -1.87	68.03 3.18 0.00	68.09 3.24 0.00	67.69 3.04 0.00	67.63 3.04 0.00	67.70 2.98 0.00	68.10 3.12 0.00	69.37 3.18 -1.34	77.65 3.33 -9.08	98.33 3.57 -27.38	101.22 3.68 -28.08	82.88 3.54 -13.82	80.52 3.32 -12.03	80.56 3.38 -12.07	71.63 3.38 -3.20	87.90 3.70 -16.80	105.22 4.11 -23.42	143.83 4.61 -50.54	160.25 4.50 -69.10	140.35 4.24 -54.54	118.53 4.23 -35.89	107.69 4.03 -30.40	82.70 3.62 -13.23	80.54 3.33 -11.98
BEAVER RIVER___HYD 24048	67.15 1.77 0.00	66.60 1.75 0.00	66.47 1.62 0.00	66.33 1.68 0.00	66.40 1.81 0.00	66.53 1.81 0.00	66.80 1.82 0.00	66.66 1.81 0.00	67.21 1.96 0.00	69.41 2.02 0.00	71.61 2.16 0.00	67.43 1.90 0.00	66.94 1.76 0.00	66.80 1.69 0.00	66.67 1.63 0.00	69.01 1.61 0.00	79.71 2.02 0.00	91.26 2.57 0.00	88.90 2.25 0.00	83.61 2.04 0.00	80.45 2.04 0.00	75.31 2.05 0.00	67.70 1.84 0.00	67.13 1.89 0.00
BEEBEE_GT_13 23619	63.03 -2.35 0.00	62.00 -2.85 0.00	61.80 -3.05 0.00	61.81 -2.84 0.00	61.62 -2.97 0.00	61.16 -3.56 0.00	60.95 -4.03 0.00	61.02 -3.83 0.00	61.86 -3.39 0.00	64.89 -2.49 0.00	66.89 -2.57 0.00	62.84 -2.69 0.00	61.59 -3.58 0.00	61.79 -3.32 0.00	61.47 -3.58 0.00	64.70 -2.70 0.00	74.04 -3.65 0.00	84.79 -3.90 0.00	82.49 -4.16 0.00	77.98 -3.59 0.00	74.96 -3.45 0.00	70.47 -2.78 0.00	63.88 -1.98 0.00	62.83 -2.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	69.98 4.25 -0.35	68.29 3.44 0.00	68.42 3.57 0.00	67.56 2.91 0.00	67.43 2.84 0.00	67.44 2.72 0.00	67.90 2.92 0.00	68.47 3.37 -0.25	70.78 3.85 -1.68	76.71 4.25 -5.08	78.97 4.31 -5.21	72.35 4.26 -2.56	71.64 4.24 -2.23	71.51 4.17 -2.24	71.44 4.16 -2.23	75.10 4.58 -3.11	99.06 5.59 -15.77	122.93 6.74 -27.50	121.97 6.93 -28.39	123.90 6.53 -35.80	111.58 6.19 -26.97	90.89 5.71 -11.92	72.99 4.68 -2.45	71.11 3.65 -2.22
BETHLEHEM___GRP 23843	69.55 2.35 -1.82	66.86 2.01 0.00	66.93 2.08 0.00	66.53 1.87 0.00	66.46 1.87 0.00	66.47 1.75 0.00	66.73 1.75 0.00	68.10 1.95 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.26 2.43 -27.37	81.36 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.26 2.49 -16.37	103.27 2.72 -22.85	140.91 2.93 -49.30	156.89 2.86 -67.38	137.46 2.69 -53.19	116.24 2.82 -35.01	105.69 2.78 -29.65	81.18 2.44 -12.89	79.06 2.15 -11.67
BETHLEHEM___GS1 323560	69.55 2.35 -1.82	66.92 2.07 0.00	66.99 2.14 0.00	66.53 1.88 0.00	66.46 1.87 0.00	66.60 1.88 0.00	66.93 1.95 0.00	68.17 2.01 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.25 2.43 -27.37	81.35 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.27 2.50 -16.37	103.26 2.72 -22.85	140.91 2.92 -49.30	156.89 2.86 -67.38	137.45 2.69 -53.19	116.16 2.74 -35.01	105.69 2.78 -29.65	81.19 2.44 -12.89	79.06 2.15 -11.67
BETHLEHEM___GS2 323561	69.55 2.35 -1.82	66.92 2.07 0.00	66.99 2.14 0.00	66.53 1.88 0.00	66.46 1.87 0.00	66.60 1.88 0.00	66.93 1.95 0.00	68.17 2.01 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.25 2.43 -27.37	81.35 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.27 2.50 -16.37	103.26 2.72 -22.85	140.91 2.92 -49.30	156.89 2.86 -67.38	137.45 2.69 -53.19	116.16 2.74 -35.01	105.69 2.78 -29.65	81.19 2.44 -12.89	79.06 2.15 -11.67
BETHLEHEM___GS3 323562	69.55 2.35 -1.82	66.92 2.07 0.00	66.99 2.14 0.00	66.53 1.88 0.00	66.46 1.87 0.00	66.60 1.88 0.00	66.93 1.95 0.00	68.17 2.01 -1.31	76.25 2.15 -8.85	96.36 2.29 -26.68	99.25 2.43 -27.37	81.35 2.36 -13.47	79.18 2.28 -11.72	79.09 2.21 -11.76	70.38 2.21 -3.12	86.27 2.50 -16.37	103.26 2.72 -22.85	140.91 2.92 -49.30	156.89 2.86 -67.38	137.45 2.69 -53.19	116.16 2.74 -35.01	105.69 2.78 -29.65	81.19 2.44 -12.89	79.06 2.15 -11.67
BETHLEHEM___STEEL 23779	62.70 -2.68 0.00	61.35 -3.50 0.00	61.15 -3.70 0.00	61.29 -3.36 0.00	60.97 -3.62 0.00	60.19 -4.53 0.00	59.65 -5.33 0.00	59.79 -5.06 0.00	60.75 -4.50 0.00	64.09 -3.30 0.00	65.85 -3.61 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.65 -5.40 0.00	63.15 -4.25 0.00	72.18 -5.52 0.00	82.66 -6.03 0.00	80.07 -6.59 0.00	76.02 -5.55 0.00	73.24 -5.18 0.00	69.38 -3.88 0.00	63.49 -2.37 0.00	62.37 -2.87 0.00
BETHLHEM_115KV_TB1 79974	69.39 2.29 -1.72	66.86 2.01 0.00	66.93 2.08 0.00	66.53 1.87 0.00	66.40 1.81 0.00	66.40 1.68 0.00	66.73 1.75 0.00	68.03 1.95 -1.24	75.77 2.15 -8.37	94.91 2.29 -25.24	97.77 2.43 -25.88	80.63 2.36 -12.74	78.48 2.22 -11.09	78.45 2.21 -11.13	70.23 2.21 -2.97	85.38 2.49 -15.49	102.13 2.72 -21.71	138.46 3.02 -46.76	153.44 2.95 -63.84	134.76 2.77 -50.42	114.43 2.82 -33.20	104.14 2.78 -28.10	80.49 2.44 -12.19	78.37 2.09 -11.04
BETHPAGE_CC_5 323564	93.55 4.25 -23.92	88.41 3.63 -19.93	86.45 3.69 -17.91	86.29 3.23 -18.40	86.23 3.16 -18.47	77.33 3.36 -9.25	85.44 3.64 -16.82	88.41 3.83 -19.74	88.41 4.18 -18.98	136.92 4.52 -65.02	107.46 4.58 -33.42	129.08 4.52 -59.04	107.47 4.37 -37.93	105.57 4.36 -36.10	110.85 4.29 -41.51	144.22 4.86 -71.97	148.99 5.67 -65.63	160.31 6.74 -64.88	170.34 6.84 -76.84	158.93 6.44 -70.92	158.13 6.19 -73.53	147.79 5.64 -68.89	140.55 4.74 -69.94	128.22 3.85 -59.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	62.90 -2.48 0.00	61.61 -3.24 0.00	61.41 -3.44 0.00	61.49 -3.17 0.00	61.23 -3.36 0.00	60.45 -4.27 0.00	59.85 -5.13 0.00	60.05 -4.80 0.00	61.07 -4.18 0.00	64.42 -2.97 0.00	66.13 -3.33 0.00	61.92 -3.60 0.00	60.09 -5.08 0.00	60.29 -4.82 0.00	59.84 -5.20 0.00	63.42 -3.98 0.00	72.49 -5.21 0.00	83.01 -5.68 0.00	80.41 -6.24 0.00	76.43 -5.14 0.00	73.55 -4.86 0.00	69.67 -3.59 0.00	63.75 -2.11 0.00	62.63 -2.61 0.00

BINGHAMTON___COGEN 23790	65.34 -0.20 -0.16	64.33 -0.52 0.00	64.20 -0.65 0.00	64.01 -0.65 0.00	63.88 -0.71 0.00	63.81 -0.91 0.00	63.94 -1.04 0.00	64.18 -0.78 -0.11	65.55 -0.46 -0.76	69.61 -0.07 -2.29	71.74 -0.07 -2.35	66.42 -0.26 -1.16	65.40 -0.78 -1.01	65.40 -0.72 -1.01	64.44 -0.85 -0.24	68.53 -0.27 -1.41	79.23 -0.23 -1.77	92.66 0.00 -3.97	92.04 -0.17 -5.56	85.84 -0.08 -4.35	81.16 -0.08 -2.83	75.69 0.00 -2.44	67.16 0.20 -1.10	65.98 -0.26 -1.00
BIXINCNT_115KV_LOAD 355685	63.89 -1.57 -0.08	62.65 -2.20 0.00	62.39 -2.46 0.00	62.33 -2.33 0.00	61.81 -2.78 0.00	61.10 -3.62 0.00	60.30 -4.68 0.00	60.57 -4.28 0.00	61.79 -3.46 0.00	65.23 -2.16 0.00	66.75 -2.71 0.00	62.05 -3.47 0.00	59.70 -5.47 0.00	59.25 -5.86 0.00	58.87 -6.18 0.00	62.41 -4.99 0.00	72.65 -5.98 -0.94	84.40 -6.39 -2.10	83.09 -6.50 -2.94	78.73 -5.14 -2.30	75.44 -4.47 -1.50	71.18 -3.37 -1.29	64.66 -1.78 -0.58	63.62 -2.15 -0.53
BLACK RIVER___HYD 24047	67.60 2.22 0.00	66.92 2.07 0.00	66.73 1.88 0.00	66.59 1.94 0.00	66.59 2.00 0.00	66.85 2.13 0.00	67.06 2.08 0.00	66.92 2.07 0.00	67.67 2.42 0.00	69.95 2.56 0.00	72.17 2.71 0.00	67.88 2.36 0.00	67.26 2.09 0.00	67.00 1.89 0.00	66.93 1.89 0.00	69.49 2.09 0.00	80.41 2.72 0.00	92.41 3.72 0.00	89.95 3.29 0.00	84.59 3.02 0.00	81.39 2.98 0.00	76.11 2.85 0.00	68.30 2.44 0.00	67.66 2.42 0.00
BLACKRVR_115KV_TB2 79977	67.54 2.16 0.00	66.93 2.08 0.00	66.67 1.82 0.00	66.59 1.94 0.00	66.59 2.00 0.00	66.73 2.01 0.00	66.86 1.88 0.00	66.93 2.08 0.00	67.66 2.41 0.00	69.95 2.56 0.00	72.17 2.71 0.00	67.89 2.36 0.00	67.26 2.09 0.00	67.00 1.89 0.00	66.93 1.89 0.00	69.49 2.09 0.00	80.41 2.72 0.00	92.41 3.72 0.00	89.95 3.29 0.00	84.59 3.02 0.00	81.39 2.98 0.00	76.12 2.86 0.00	68.29 2.44 0.00	67.65 2.41 0.00
BLISS_WT_PWR 323608	64.16 -1.31 -0.08	62.91 -1.94 0.00	62.64 -2.21 0.00	62.52 -2.13 0.00	61.94 -2.65 0.00	62.39 -2.33 0.00	62.06 -2.92 0.00	60.64 -4.21 0.00	61.73 -3.52 0.00	65.17 -2.22 0.00	66.68 -2.78 0.00	61.79 -3.73 0.00	59.31 -5.87 0.00	58.73 -6.38 0.00	58.35 -6.70 0.00	61.87 -5.53 0.00	72.03 -6.60 -0.94	83.78 -7.01 -2.10	82.57 -7.02 -2.94	78.41 -5.46 -2.30	75.21 -4.70 -1.50	70.89 -3.66 -1.29	64.47 -1.97 -0.58	63.55 -2.22 -0.53
BLUESTONE___WT_PWR 323821	69.19 3.53 -0.29	68.28 3.43 0.00	68.22 3.37 0.00	68.08 3.42 0.00	68.08 3.49 0.00	68.47 3.75 0.00	68.81 3.83 0.00	68.62 3.56 -0.21	70.55 3.91 -1.39	75.76 4.18 -4.19	77.85 4.10 -4.30	71.11 3.47 -2.12	69.88 2.86 -1.84	69.56 2.61 -1.85	67.96 2.47 -0.44	73.07 3.10 -2.57	85.05 4.11 -3.25	101.82 5.85 -7.28	102.39 5.55 -10.19	94.77 5.23 -7.98	88.46 4.86 -5.18	82.19 4.47 -4.46	71.83 3.95 -2.02	70.66 3.59 -1.83
BLUE_CIRC_CHEM_DRP 24182	71.35 4.51 -1.46	69.32 4.47 0.00	69.45 4.60 0.00	69.05 4.40 0.00	68.92 4.33 0.00	68.73 4.01 0.00	68.94 3.96 0.00	69.66 3.76 -1.05	76.19 3.85 -7.09	92.74 3.98 -21.37	95.41 4.03 -21.92	80.05 3.74 -10.79	78.08 3.52 -9.39	78.11 3.58 -9.42	71.18 3.64 -2.49	84.62 4.11 -13.11	100.64 4.74 -18.20	133.36 5.32 -39.35	145.71 5.20 -53.86	129.05 4.98 -42.50	111.30 4.94 -27.95	101.64 4.69 -23.69	80.46 4.28 -10.33	78.83 4.24 -9.35
BOC_GAS_DRP 24189	68.52 1.96 -1.17	66.54 1.69 0.00	66.60 1.75 0.00	66.21 1.55 0.00	66.08 1.49 0.00	66.14 1.42 0.00	66.47 1.49 0.00	67.38 1.69 -0.84	72.85 1.89 -5.71	86.68 2.09 -17.21	89.26 2.15 -17.65	76.24 2.03 -8.69	74.69 1.96 -7.56	74.65 1.95 -7.59	69.10 1.95 -2.11	80.11 2.16 -10.56	95.56 2.49 -15.38	124.17 2.84 -32.64	133.70 2.86 -44.18	119.26 2.69 -35.00	104.23 2.67 -23.15	95.22 2.49 -19.47	76.34 2.17 -8.31	74.59 1.83 -7.53
BOONVILLE_115KV_TB1 79983	67.47 2.09 0.00	66.86 2.01 0.00	66.73 1.88 0.00	66.53 1.87 0.00	66.53 1.94 0.00	66.66 1.94 0.00	66.93 1.95 0.00	66.93 2.08 0.00	67.60 2.35 0.00	69.88 2.49 0.00	72.17 2.71 0.00	67.89 2.36 0.00	67.39 2.22 0.00	67.19 2.08 0.00	67.06 2.02 0.00	69.55 2.16 0.00	80.26 2.56 0.00	91.97 3.28 0.00	89.69 3.03 0.00	84.34 2.77 0.00	81.16 2.74 0.00	75.82 2.56 0.00	68.10 2.24 0.00	67.39 2.15 0.00
BORALEX_4TH_BRANCH 23824	72.28 4.38 -2.52	68.81 3.96 0.00	68.87 4.02 0.00	68.41 3.75 0.00	68.27 3.68 0.00	68.34 3.62 0.00	68.75 3.77 0.00	70.74 4.09 -1.81	81.87 4.37 -12.25	109.05 4.72 -36.95	112.22 4.86 -37.89	88.83 4.65 -18.65	85.90 4.50 -16.23	85.83 4.43 -16.29	73.69 4.36 -4.29	94.86 4.79 -22.67	114.74 5.67 -31.38	163.24 6.65 -67.90	186.23 6.59 -92.99	161.14 6.20 -73.37	132.60 5.96 -48.23	119.66 5.49 -40.91	88.52 4.81 -17.85	85.64 4.24 -16.16
BOWLINE___1 23526	67.99 2.29 -0.33	66.53 1.68 0.00	66.60 1.75 0.00	66.02 1.36 0.00	65.88 1.29 0.00	66.14 1.42 0.00	66.67 1.69 0.00	66.97 1.88 -0.23	69.05 2.22 -1.58	74.64 2.49 -4.76	76.84 2.50 -4.88	70.42 2.49 -2.40	69.68 2.41 -2.09	69.55 2.34 -2.10	65.33 2.34 2.05	73.02 2.70 -2.92	66.90 3.26 14.06	77.14 3.90 15.45	81.98 4.07 8.75	75.16 3.75 10.16	72.04 3.69 10.06	71.82 3.30 4.73	70.86 2.70 -2.30	69.28 1.96 -2.08
BOWLINE___2 23595	67.93 2.22 -0.33	66.53 1.68 0.00	66.60 1.75 0.00	66.02 1.36 0.00	65.88 1.29 0.00	66.14 1.42 0.00	66.67 1.69 0.00	66.97 1.88 -0.23	68.98 2.15 -1.58	74.64 2.49 -4.76	76.84 2.50 -4.88	70.42 2.49 -2.40	69.68 2.41 -2.09	69.55 2.34 -2.10	65.33 2.34 2.05	73.02 2.70 -2.92	66.89 3.26 14.07	77.13 3.90 15.46	81.97 4.07 8.76	75.15 3.75 10.17	72.03 3.69 10.07	71.82 3.30 4.74	70.86 2.70 -2.30	69.28 1.96 -2.08
BRADY___115KV_TB2 356060	66.69 1.31 0.00	66.86 2.01 0.00	66.73 1.88 0.00	66.79 2.13 0.00	66.79 2.20 0.00	67.18 2.46 0.00	67.38 2.40 0.00	66.73 1.88 0.00	66.69 1.44 0.00	68.33 0.94 0.00	70.36 0.90 0.00	66.38 0.85 0.00	66.41 1.24 0.00	66.41 1.30 0.00	66.35 1.30 0.00	68.21 0.81 0.00	78.55 0.85 0.00	89.13 0.44 0.00	87.00 0.35 0.00	81.82 0.24 0.00	78.57 0.16 0.00	73.70 0.44 0.00	66.38 0.53 0.00	66.54 1.30 0.00
BRANSCOMB___SOLAR 323811	73.44 4.64 -3.42	69.13 4.28 0.00	69.20 4.35 0.00	68.86 4.20 0.00	68.73 4.14 0.00	68.80 4.08 0.00	69.40 4.42 0.00	71.72 4.41 -2.45	86.44 4.57 -16.63	122.44 4.92 -50.14	125.89 5.00 -51.42	95.56 4.72 -25.31	91.69 4.49 -22.03	91.65 4.43 -22.11	75.07 4.43 -5.60	102.95 4.79 -30.77	124.31 5.60 -41.02	185.23 6.47 -90.07	217.48 6.41 -124.42	185.49 6.04 -97.88	148.27 5.80 -64.05	133.33 5.42 -54.65	94.89 4.81 -24.22	91.67 4.50 -21.93
BRENTWOD_69_KV_W. BRTWOOD 56703	95.05 5.75 -23.91	89.83 5.06 -19.92	87.81 5.06 -17.90	87.70 4.66 -18.39	87.64 4.59 -18.46	78.42 4.47 -9.24	86.54 4.74 -16.82	89.90 5.32 -19.73	89.90 5.68 -18.98	138.60 6.20 -65.01	109.19 6.32 -33.41	130.65 6.09 -59.03	109.03 5.93 -37.92	107.06 5.86 -36.09	112.46 5.92 -41.50	145.96 6.60 -71.96	156.46 7.23 -71.54	173.48 8.69 -76.10	190.45 8.75 -95.04	171.43 8.08 -81.79	175.33 7.76 -89.16	149.19 7.03 -68.90	142.18 6.39 -69.94	129.84 5.48 -59.12

BRISTLHL_115KV_TB1 79998	63.29 -2.09 0.00	62.52 -2.33 0.00	62.45 -2.40 0.00	62.26 -2.39 0.00	62.20 -2.39 0.00	62.13 -2.59 0.00	62.32 -2.66 0.00	62.39 -2.46 0.00	63.10 -2.15 0.00	65.43 -1.95 0.00	67.58 -1.88 0.00	63.63 -1.90 0.00	62.89 -2.28 0.00	62.83 -2.28 0.00	62.77 -2.28 0.00	65.44 -1.95 0.00	75.52 -2.18 0.00	86.29 -2.39 0.00	84.23 -2.43 0.00	79.29 -2.28 0.00	76.29 -2.12 0.00	71.28 -1.98 0.00	64.21 -1.65 0.00	63.28 -1.96 0.00
BROOKHAVEN___DRP 24191	94.79 5.49 -23.91	89.57 4.80 -19.92	87.61 4.86 -17.90	87.51 4.46 -18.39	87.51 4.46 -18.46	78.23 4.27 -9.24	86.41 4.61 -16.82	89.77 5.19 -19.73	89.77 5.55 -18.98	138.60 6.20 -65.01	109.12 6.25 -33.41	130.58 6.03 -59.03	108.96 5.87 -37.92	106.93 5.73 -36.09	112.40 5.85 -41.50	145.96 6.60 -71.96	182.65 7.46 -97.50	222.82 8.78 -125.35	270.41 8.84 -174.91	219.23 8.16 -129.51	244.05 7.92 -157.72	149.39 7.18 -68.95	142.12 6.32 -69.94	129.71 5.35 -59.12
BROOKLYN_NAVY_YARD 23515	69.06 3.33 -0.35	67.45 2.60 0.00	67.57 2.72 0.00	66.85 2.20 0.00	66.72 2.13 0.00	67.05 2.33 0.00	67.65 2.67 0.00	68.02 2.92 -0.25	70.19 3.26 -1.68	76.10 3.64 -5.07	78.34 3.68 -5.20	71.76 3.67 -2.56	70.99 3.58 -2.23	70.86 3.51 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.16 4.74 -15.72	118.87 5.59 -24.59	118.24 5.72 -25.86	109.40 5.38 -22.45	100.47 5.17 -16.89	89.94 4.76 -11.93	72.13 3.82 -2.45	70.40 2.94 -2.22
BROOKLYN___ARMY_DRP 323595	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
BROOKVLE_69_KV_TB1 55790	93.81 4.51 -23.91	88.66 3.89 -19.92	86.84 4.09 -17.90	86.67 3.62 -18.39	86.67 3.62 -18.46	77.52 3.56 -9.24	85.63 3.83 -16.82	88.66 4.09 -19.73	88.73 4.50 -18.98	137.32 4.92 -65.01	107.87 5.00 -33.41	129.41 4.85 -59.03	107.86 4.76 -37.92	105.83 4.62 -36.09	111.16 4.62 -41.50	144.48 5.12 -71.96	148.38 6.14 -64.55	158.80 7.27 -62.84	167.55 7.37 -73.54	157.44 6.93 -68.94	155.77 6.66 -70.69	148.29 6.15 -68.88	140.93 5.14 -69.94	128.54 4.18 -59.12
BROOME_2_LFGE 323671	65.47 -0.07 -0.16	64.40 -0.45 0.00	64.27 -0.58 0.00	64.07 -0.58 0.00	63.94 -0.65 0.00	64.27 -0.45 0.00	64.53 -0.45 0.00	64.25 -0.71 -0.11	65.56 -0.45 -0.76	69.61 -0.07 -2.29	71.74 -0.07 -2.35	66.42 -0.26 -1.16	65.40 -0.78 -1.01	65.40 -0.71 -1.01	64.44 -0.85 -0.24	68.53 -0.27 -1.41	79.23 -0.23 -1.77	92.66 0.00 -3.97	92.04 -0.17 -5.56	85.84 -0.08 -4.35	81.16 -0.08 -2.83	75.69 0.00 -2.44	67.16 0.20 -1.10	66.04 -0.20 -1.00
BROOME___LFGE 323600	65.47 -0.07 -0.16	64.40 -0.45 0.00	64.27 -0.58 0.00	64.07 -0.58 0.00	63.94 -0.65 0.00	64.27 -0.45 0.00	64.53 -0.45 0.00	64.25 -0.71 -0.11	65.56 -0.45 -0.76	69.61 -0.07 -2.29	71.74 -0.07 -2.35	66.42 -0.26 -1.16	65.40 -0.78 -1.01	65.40 -0.71 -1.01	64.44 -0.85 -0.24	68.53 -0.27 -1.41	79.23 -0.23 -1.77	92.66 0.00 -3.97	92.04 -0.17 -5.56	85.84 -0.08 -4.35	81.16 -0.08 -2.83	75.69 0.00 -2.44	67.16 0.20 -1.10	66.04 -0.20 -1.00
BROWNFLS_115KV_TB_3_5 80003	66.56 1.18 0.00	66.34 1.49 0.00	66.21 1.36 0.00	66.14 1.49 0.00	66.20 1.61 0.00	66.47 1.75 0.00	66.60 1.62 0.00	66.28 1.43 0.00	66.56 1.30 0.00	68.53 1.15 0.00	70.71 1.25 0.00	66.64 1.11 0.00	66.41 1.24 0.00	66.28 1.17 0.00	66.22 1.17 0.00	68.27 0.88 0.00	78.63 0.93 0.00	89.40 0.71 0.00	87.17 0.52 0.00	81.98 0.41 0.00	78.88 0.47 0.00	74.06 0.81 0.00	66.71 0.86 0.00	66.48 1.24 0.00
BROWNSV1_27_KV_LOAD 356125	69.65 3.92 -0.35	68.09 3.24 0.00	68.16 3.31 0.00	67.44 2.78 0.00	67.30 2.71 0.00	67.44 2.72 0.00	67.97 2.99 0.00	68.60 3.50 -0.25	70.78 3.85 -1.68	76.71 4.25 -5.07	78.97 4.31 -5.20	72.35 4.26 -2.56	71.58 4.17 -2.23	71.45 4.10 -2.24	71.37 4.10 -2.23	75.09 4.58 -3.11	98.86 5.44 -15.72	119.66 6.39 -24.59	119.02 6.50 -25.86	110.14 6.12 -22.45	101.18 5.88 -16.89	90.61 5.42 -11.93	72.79 4.48 -2.45	70.98 3.52 -2.22
BURROWS___LYONSDAL 23803	67.41 2.03 0.00	66.80 1.95 0.00	66.67 1.82 0.00	66.53 1.87 0.00	66.53 1.94 0.00	66.66 1.94 0.00	66.93 1.95 0.00	66.93 2.08 0.00	67.53 2.28 0.00	69.81 2.43 0.00	72.10 2.64 0.00	67.82 2.29 0.00	67.33 2.15 0.00	67.13 2.02 0.00	67.00 1.95 0.00	69.49 2.09 0.00	80.18 2.49 0.00	91.88 3.19 0.00	89.51 2.86 0.00	84.26 2.69 0.00	81.00 2.59 0.00	75.75 2.49 0.00	68.03 2.17 0.00	67.33 2.09 0.00
CAITHNESS_CC_1 323624	94.66 5.36 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.24 4.27 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.40 6.00 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.81 5.60 -36.10	112.21 5.66 -41.51	145.77 6.41 -71.97	182.13 7.14 -97.30	222.17 8.51 -124.97	269.34 8.40 -174.28	218.61 7.91 -129.13	243.28 7.69 -157.18	149.10 6.88 -68.96	141.93 6.13 -69.94	129.59 5.22 -59.13
CALPINE BETH_PAGE_GT4 24209	93.35 4.05 -23.91	88.21 3.44 -19.92	86.25 3.50 -17.90	86.09 3.04 -18.39	86.03 2.97 -18.46	76.94 2.98 -9.24	84.98 3.18 -16.82	88.21 3.63 -19.73	88.21 3.98 -18.98	136.78 4.38 -65.01	107.31 4.45 -33.41	128.88 4.32 -59.03	107.33 4.24 -37.92	105.37 4.17 -36.09	110.71 4.16 -41.50	144.01 4.65 -71.96	147.76 5.52 -64.55	158.09 6.56 -62.84	166.86 6.67 -73.54	156.79 6.28 -68.94	155.14 6.04 -70.69	147.63 5.49 -68.88	140.40 4.61 -69.94	128.02 3.65 -59.12
CALPINE_BETH_PAGE_GT_4 323586	93.36 4.05 -23.92	88.22 3.43 -19.93	86.26 3.50 -17.91	86.10 3.04 -18.40	86.10 3.04 -18.47	77.14 3.17 -9.25	85.25 3.44 -16.82	88.28 3.69 -19.74	88.21 3.98 -18.98	136.79 4.38 -65.02	107.32 4.45 -33.42	128.89 4.32 -59.04	107.34 4.23 -37.93	105.38 4.17 -36.10	110.72 4.17 -41.51	144.01 4.65 -71.97	147.76 5.52 -64.55	158.10 6.56 -62.85	166.87 6.67 -73.54	156.80 6.28 -68.95	155.15 6.04 -70.70	147.65 5.50 -68.89	140.41 4.61 -69.94	128.09 3.72 -59.13
CALPINE_BP_GT1 23823	93.36 4.05 -23.92	88.22 3.43 -19.93	86.26 3.50 -17.91	86.10 3.04 -18.40	86.10 3.04 -18.47	77.14 3.17 -9.25	85.25 3.44 -16.82	88.28 3.69 -19.74	88.21 3.98 -18.98	136.79 4.38 -65.02	107.32 4.45 -33.42	128.89 4.32 -59.04	107.34 4.23 -37.93	105.38 4.17 -36.10	110.72 4.17 -41.51	144.01 4.65 -71.97	147.76 5.52 -64.55	158.10 6.56 -62.85	166.87 6.67 -73.54	156.80 6.28 -68.95	155.15 6.04 -70.70	147.65 5.50 -68.89	140.41 4.61 -69.94	128.09 3.72 -59.13
CALSPAN___DRP 24200	62.70 -2.68 0.00	61.35 -3.50 0.00	61.15 -3.70 0.00	61.29 -3.36 0.00	60.97 -3.62 0.00	60.19 -4.53 0.00	59.65 -5.33 0.00	59.79 -5.06 0.00	60.75 -4.50 0.00	64.09 -3.30 0.00	65.85 -3.61 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.65 -5.40 0.00	63.15 -4.25 0.00	72.18 -5.52 0.00	82.66 -6.03 0.00	80.07 -6.59 0.00	76.02 -5.55 0.00	73.24 -5.18 0.00	69.38 -3.88 0.00	63.49 -2.37 0.00	62.37 -2.87 0.00

CALVERTON___SOLAR 323806	94.99 5.69 -23.92	89.84 5.06 -19.93	87.82 5.06 -17.91	87.72 4.66 -18.40	87.72 4.65 -18.47	78.56 4.60 -9.25	86.88 5.07 -16.82	89.96 5.38 -19.74	89.98 5.74 -18.98	138.81 6.41 -65.02	109.34 6.46 -33.42	130.86 6.29 -59.04	109.23 6.12 -37.93	107.20 5.99 -36.10	112.67 6.11 -41.51	146.24 6.88 -71.97	183.05 7.77 -97.59	223.52 9.31 -125.53	270.86 9.01 -175.19	219.73 8.48 -129.68	244.68 8.31 -157.96	149.69 7.48 -68.96	142.39 6.59 -69.94	129.98 5.61 -59.13
CANDIGU_WT_PWR 323617	64.31 -1.17 -0.10	63.16 -1.69 0.00	62.91 -1.94 0.00	62.85 -1.81 0.00	62.59 -2.00 0.00	62.91 -1.81 0.00	63.03 -1.95 0.00	62.07 -2.85 -0.07	63.20 -2.55 -0.49	66.99 -1.89 -1.49	68.76 -2.23 -1.53	63.72 -2.56 -0.75	62.18 -3.65 -0.65	62.12 -3.64 -0.66	61.23 -3.97 -0.16	65.35 -2.96 -0.91	75.42 -3.42 -1.15	87.71 -3.55 -2.57	86.53 -3.72 -3.60	81.21 -3.18 -2.82	77.10 -3.14 -1.83	72.34 -2.49 -1.58	65.06 -1.51 -0.71	63.93 -1.96 -0.65
CARR STREET_E_SYR 24060	63.55 -1.83 0.00	62.71 -2.14 0.00	62.64 -2.21 0.00	62.46 -2.20 0.00	62.39 -2.20 0.00	62.65 -2.07 0.00	62.97 -2.01 0.00	62.58 -2.27 0.00	63.23 -2.02 0.00	65.64 -1.75 0.00	67.73 -1.73 0.00	63.76 -1.77 0.00	63.03 -2.15 0.00	62.96 -2.15 0.00	62.90 -2.14 0.00	65.58 -1.82 0.00	75.67 -2.02 0.00	86.47 -2.21 0.00	84.40 -2.25 0.00	79.54 -2.04 0.00	76.45 -1.96 0.00	71.43 -1.83 0.00	64.41 -1.45 0.00	63.48 -1.76 0.00
CARTHAGE___PAPER 23857	67.28 1.90 0.00	66.79 1.94 0.00	66.53 1.68 0.00	66.46 1.81 0.00	66.53 1.94 0.00	66.66 1.94 0.00	66.93 1.95 0.00	66.86 2.01 0.00	67.47 2.22 0.00	69.68 2.29 0.00	71.82 2.36 0.00	67.62 2.10 0.00	67.13 1.95 0.00	66.93 1.82 0.00	66.80 1.76 0.00	69.28 1.88 0.00	80.02 2.33 0.00	91.79 3.10 0.00	89.43 2.77 0.00	84.10 2.53 0.00	80.84 2.43 0.00	75.67 2.41 0.00	67.90 2.04 0.00	67.33 2.09 0.00
CASSADAGA_WT_PWR 323784	64.93 -0.45 0.00	63.62 -1.23 0.00	63.16 -1.69 0.00	63.17 -1.48 0.00	62.71 -1.88 0.00	63.30 -1.42 0.00	63.42 -1.56 0.00	61.93 -2.92 0.00	62.90 -2.35 0.00	66.31 -1.08 0.00	68.07 -1.39 0.00	63.56 -1.96 0.00	61.39 -3.78 0.00	61.40 -3.71 0.00	60.88 -4.16 0.00	64.50 -2.90 0.00	74.04 -3.65 0.00	85.05 -3.64 0.00	82.41 -4.24 0.00	78.47 -3.10 0.00	75.59 -2.82 0.00	71.72 -1.54 0.00	65.73 -0.13 0.00	64.46 -0.78 0.00
CE_DUNWOOD___DRP 24194	68.86 3.14 -0.35	67.38 2.53 0.00	67.44 2.59 0.00	66.79 2.13 0.00	66.72 2.13 0.00	66.79 2.07 0.00	67.32 2.34 0.00	67.89 2.79 -0.25	70.06 3.13 -1.67	75.87 3.44 -5.05	78.18 3.54 -5.18	71.55 3.47 -2.55	70.78 3.39 -2.22	70.66 3.32 -2.22	70.65 3.32 -2.29	74.20 3.71 -3.10	98.24 4.43 -16.12	119.01 5.23 -25.09	118.30 5.37 -26.27	109.40 4.98 -22.85	100.50 4.86 -17.23	89.78 4.40 -12.13	71.92 3.62 -2.44	70.25 2.81 -2.21
CE_MILLWOOD___DRP 24193	68.66 2.94 -0.34	67.25 2.40 0.00	67.31 2.46 0.00	66.66 2.00 0.00	66.59 2.00 0.00	66.66 1.94 0.00	67.19 2.21 0.00	67.69 2.59 -0.25	69.84 2.94 -1.66	75.69 3.30 -5.00	77.92 3.33 -5.13	71.33 3.28 -2.52	70.57 3.19 -2.20	70.44 3.13 -2.20	70.49 3.12 -2.32	73.97 3.50 -3.07	98.24 4.20 -16.36	119.03 4.97 -25.38	118.24 5.11 -26.47	109.36 4.73 -23.06	100.45 4.63 -17.42	89.66 4.18 -12.23	71.76 3.49 -2.42	70.04 2.61 -2.19
CE_NYC2_DRP 24202	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.18 3.78 -2.23	71.06 3.71 -2.24	70.98 3.71 -2.23	74.62 4.11 -3.11	98.38 4.97 -15.71	119.11 5.85 -24.57	118.49 5.98 -25.85	109.64 5.63 -22.44	100.70 5.41 -16.88	90.23 5.05 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
CE_NYC_DRP 24195	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.17 3.71 -5.07	78.48 3.82 -5.20	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.24 4.82 -15.73	124.06 5.68 -29.69	125.84 5.81 -33.38	110.72 5.38 -23.77	100.48 5.18 -16.89	90.02 4.84 -11.93	72.26 3.95 -2.45	70.46 3.00 -2.22
CHAFFEE___LFGE 323603	63.16 -2.22 0.00	61.87 -2.98 0.00	61.61 -3.24 0.00	61.68 -2.97 0.00	61.43 -3.16 0.00	61.94 -2.78 0.00	61.93 -3.05 0.00	60.25 -4.60 0.00	61.07 -4.18 0.00	64.42 -2.96 0.00	66.20 -3.26 0.00	61.99 -3.54 0.00	60.16 -5.02 0.00	60.42 -4.69 0.00	59.97 -5.07 0.00	63.49 -3.91 0.00	72.64 -5.05 0.00	83.19 -5.50 0.00	80.50 -6.15 0.00	76.51 -5.06 0.00	73.63 -4.79 0.00	69.74 -3.52 0.00	63.82 -2.04 0.00	62.69 -2.55 0.00
CHATEAUG_35_KV_LOAD 355732	66.36 0.98 0.00	66.41 1.56 0.00	66.28 1.43 0.00	66.34 1.68 0.00	66.33 1.74 0.00	66.79 2.07 0.00	66.80 1.82 0.00	66.28 1.43 0.00	66.23 0.98 0.00	67.99 0.61 0.00	70.01 0.56 0.00	66.12 0.59 0.00	66.22 1.04 0.00	66.15 1.04 0.00	66.15 1.11 0.00	68.00 0.61 0.00	78.24 0.54 0.00	88.78 0.09 0.00	86.65 0.00 0.00	81.33 -0.24 0.00	77.86 -0.55 0.00	72.45 -0.81 0.00	65.00 -0.86 0.00	65.31 0.07 0.00
CHATEAUG_WT_PWR 323614	66.23 0.85 0.00	66.27 1.42 0.00	66.15 1.30 0.00	66.14 1.49 0.00	66.21 1.62 0.00	66.27 1.55 0.00	66.02 1.04 0.00	66.02 1.17 0.00	66.10 0.85 0.00	67.92 0.54 0.00	69.95 0.49 0.00	66.05 0.52 0.00	66.09 0.91 0.00	66.02 0.91 0.00	66.02 0.98 0.00	67.87 0.48 0.00	78.16 0.47 0.00	88.69 0.00 0.00	86.57 -0.09 0.00	81.25 -0.32 0.00	77.70 -0.71 0.00	72.30 -0.95 0.00	64.74 -1.12 0.00	65.11 -0.13 0.00
CHAT_HIGH_FALL_HYD 323578	66.36 0.98 0.00	66.41 1.56 0.00	66.28 1.43 0.00	66.34 1.68 0.00	66.33 1.74 0.00	66.79 2.07 0.00	66.80 1.82 0.00	66.28 1.43 0.00	66.23 0.98 0.00	67.99 0.61 0.00	70.01 0.56 0.00	66.12 0.59 0.00	66.22 1.04 0.00	66.15 1.04 0.00	66.15 1.11 0.00	68.00 0.61 0.00	78.24 0.54 0.00	88.78 0.09 0.00	86.65 0.00 0.00	81.33 -0.24 0.00	77.86 -0.55 0.00	72.45 -0.81 0.00	65.00 -0.86 0.00	65.31 0.07 0.00
CHAUTAUQUA___LFGE 323629	64.00 -1.38 0.00	62.71 -2.14 0.00	62.39 -2.46 0.00	62.39 -2.26 0.00	62.00 -2.59 0.00	62.59 -2.13 0.00	62.64 -2.34 0.00	61.02 -3.83 0.00	61.85 -3.40 0.00	65.23 -2.16 0.00	66.96 -2.50 0.00	62.64 -2.88 0.00	60.61 -4.56 0.00	60.68 -4.43 0.00	60.23 -4.81 0.00	63.82 -3.57 0.00	73.11 -4.58 0.00	83.90 -4.79 0.00	81.28 -5.37 0.00	77.25 -4.33 0.00	74.41 -4.00 0.00	70.62 -2.63 0.00	64.67 -1.18 0.00	63.48 -1.76 0.00
CHERRYST_13_KV_LD 356241	69.32 3.60 -0.35	67.77 2.92 0.00	67.90 3.05 0.00	67.18 2.52 0.00	67.04 2.45 0.00	67.18 2.46 0.00	67.71 2.73 0.00	68.28 3.18 -0.25	70.46 3.52 -1.68	76.37 3.91 -5.07	78.69 4.03 -5.20	72.02 3.93 -2.56	71.25 3.85 -2.23	71.19 3.84 -2.24	71.05 3.77 -2.23	74.76 4.25 -3.11	98.47 5.05 -15.73	119.13 5.85 -24.59	118.50 5.98 -25.87	109.65 5.63 -22.45	100.71 5.41 -16.89	90.17 4.98 -11.93	72.46 4.15 -2.45	70.66 3.20 -2.22

CHESTROR_138KV_BK263 355645	67.84 2.16 -0.30	66.47 1.62 0.00	66.54 1.69 0.00	66.01 1.36 0.00	65.88 1.29 0.00	66.01 1.29 0.00	66.41 1.43 0.00	66.82 1.75 -0.22	68.74 2.02 -1.47	74.11 2.29 -4.43	76.37 2.36 -4.55	70.06 2.29 -2.24	69.34 2.22 -1.95	69.21 2.15 -1.95	65.78 2.15 1.41	72.61 2.49 -2.72	71.09 3.03 9.63	82.57 3.64 9.76	86.20 3.73 4.18	79.37 3.51 5.71	75.53 3.37 6.26	73.84 3.08 2.49	70.50 2.50 -2.14	69.01 1.83 -1.94
CH_MIDHUDSON___DRP 24192	69.14 3.40 -0.37	67.70 2.85 0.00	67.77 2.92 0.00	67.18 2.52 0.00	67.04 2.45 0.00	67.18 2.46 0.00	67.58 2.60 0.00	68.03 2.92 -0.26	70.28 3.26 -1.77	76.36 3.64 -5.34	78.62 3.68 -5.48	71.83 3.60 -2.70	71.04 3.52 -2.35	70.85 3.39 -2.35	69.37 3.38 -0.95	74.52 3.84 -3.28	89.08 4.58 -6.81	106.95 5.41 -12.85	108.16 5.46 -16.05	99.78 5.14 -13.07	92.44 5.02 -9.01	84.97 4.54 -7.17	72.26 3.82 -2.58	70.64 3.07 -2.33
CH_MISC_IPPS 23765	69.33 3.59 -0.36	67.83 2.98 0.00	67.96 3.11 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.44 2.72 0.00	67.84 2.86 0.00	68.09 2.98 -0.25	70.30 3.33 -1.72	76.28 3.70 -5.19	78.60 3.82 -5.32	71.81 3.67 -2.62	71.04 3.58 -2.28	70.91 3.51 -2.29	69.10 3.51 -0.55	74.49 3.91 -3.19	86.46 4.74 -4.03	103.31 5.59 -9.03	105.01 5.72 -12.64	96.77 5.30 -9.90	90.02 5.17 -6.43	83.49 4.69 -5.54	72.32 3.95 -2.51	70.77 3.26 -2.27
CH_RES_BVR_FALLS 23983	65.12 -0.26 0.00	64.98 0.13 0.00	65.05 0.20 0.00	64.98 0.32 0.00	64.98 0.39 0.00	64.98 0.26 0.00	65.11 0.13 0.00	65.05 0.20 0.00	65.25 0.00 0.00	67.12 -0.27 0.00	69.11 -0.35 0.00	65.27 -0.26 0.00	65.17 0.00 0.00	65.04 -0.07 0.00	64.98 -0.06 0.00	66.93 -0.47 0.00	77.15 -0.54 0.00	87.80 -0.89 0.00	85.70 -0.95 0.00	80.51 -1.06 0.00	77.24 -1.17 0.00	72.08 -1.17 0.00	64.80 -1.06 0.00	64.59 -0.65 0.00
CH_RES_NIAGARA 23895	60.80 -4.58 0.00	59.53 -5.32 0.00	59.34 -5.51 0.00	59.48 -5.17 0.00	59.23 -5.36 0.00	58.44 -6.28 0.00	57.31 -7.67 0.00	57.33 -7.52 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.43 -7.61 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.60 -10.05 0.00	72.76 -8.81 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	60.28 -4.96 0.00
CH_RES_SYRACUSE 23985	63.75 -1.63 0.00	62.97 -1.88 0.00	62.84 -2.01 0.00	62.72 -1.94 0.00	62.59 -2.00 0.00	62.84 -1.88 0.00	63.16 -1.82 0.00	62.84 -2.01 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	64.02 -1.50 0.00	63.28 -1.89 0.00	63.22 -1.89 0.00	63.16 -1.89 0.00	65.85 -1.55 0.00	75.98 -1.71 0.00	86.82 -1.87 0.00	84.83 -1.82 0.00	79.85 -1.72 0.00	76.76 -1.65 0.00	71.72 -1.54 0.00	64.60 -1.25 0.00	63.67 -1.57 0.00
CLINTON_WT_PWR 323605	66.23 0.85 0.00	66.27 1.42 0.00	66.15 1.30 0.00	66.14 1.49 0.00	66.21 1.62 0.00	66.27 1.55 0.00	66.02 1.04 0.00	66.02 1.17 0.00	66.10 0.85 0.00	67.92 0.54 0.00	69.95 0.49 0.00	66.05 0.52 0.00	66.09 0.91 0.00	66.02 0.91 0.00	66.02 0.98 0.00	67.87 0.48 0.00	78.16 0.47 0.00	88.69 0.00 0.00	86.57 -0.09 0.00	81.25 -0.32 0.00	77.70 -0.71 0.00	72.30 -0.95 0.00	64.74 -1.12 0.00	65.11 -0.13 0.00
CLINTON___LFGE 323618	67.53 2.15 0.00	67.51 2.66 0.00	67.38 2.53 0.00	67.37 2.72 0.00	67.43 2.84 0.00	67.50 2.78 0.00	67.12 2.14 0.00	67.18 2.33 0.00	67.27 2.02 0.00	69.14 1.75 0.00	71.12 1.66 0.00	67.17 1.64 0.00	67.20 2.02 0.00	67.06 1.95 0.00	67.13 2.08 0.00	69.08 1.69 0.00	79.48 1.79 0.00	90.19 1.51 0.00	87.96 1.30 0.00	82.63 1.06 0.00	79.04 0.62 0.00	73.63 0.37 0.00	65.99 0.13 0.00	66.42 1.18 0.00
COBBLENY_34_KV_TB1 80064	62.90 -2.48 0.00	61.61 -3.24 0.00	61.41 -3.44 0.00	61.49 -3.17 0.00	61.23 -3.36 0.00	60.45 -4.27 0.00	59.91 -5.07 0.00	60.05 -4.80 0.00	61.07 -4.18 0.00	64.42 -2.97 0.00	66.19 -3.26 0.00	61.99 -3.54 0.00	60.16 -5.02 0.00	60.42 -4.69 0.00	59.97 -5.07 0.00	63.49 -3.91 0.00	72.64 -5.05 0.00	83.19 -5.50 0.00	80.50 -6.15 0.00	76.51 -5.06 0.00	73.63 -4.78 0.00	69.82 -3.44 0.00	63.82 -2.04 0.00	62.70 -2.54 0.00
COFFEEN___115KV_TB3 355620	68.00 2.62 0.00	67.38 2.53 0.00	67.12 2.27 0.00	66.98 2.33 0.00	66.98 2.39 0.00	67.11 2.39 0.00	67.32 2.34 0.00	67.31 2.46 0.00	68.19 2.94 0.00	70.49 3.10 0.00	72.65 3.20 0.00	68.28 2.75 0.00	67.59 2.41 0.00	67.39 2.28 0.00	67.26 2.21 0.00	69.96 2.56 0.00	80.96 3.26 0.00	93.21 4.52 0.00	90.64 3.99 0.00	85.24 3.67 0.00	81.94 3.53 0.00	76.70 3.44 0.00	68.82 2.96 0.00	68.11 2.87 0.00
COLDSPRG_115KV_BK1 355956	65.20 -0.26 -0.08	63.81 -1.04 0.00	63.49 -1.36 0.00	63.56 -1.10 0.00	63.17 -1.42 0.00	62.45 -2.27 0.00	62.06 -2.92 0.00	62.58 -2.33 -0.06	64.02 -1.63 -0.41	68.27 -0.34 -1.22	70.09 -0.63 -1.25	65.03 -1.11 -0.62	62.97 -2.74 -0.54	62.98 -2.67 -0.54	62.12 -3.06 -0.13	66.40 -1.75 -0.75	76.31 -2.33 -0.95	88.60 -2.22 -2.13	86.77 -2.86 -2.98	81.95 -1.96 -2.33	78.13 -1.80 -1.52	73.91 -0.66 -1.31	66.98 0.53 -0.59	65.51 -0.26 -0.54
COLONIE_LFGE___ 323577	71.93 3.59 -2.96	68.09 3.24 0.00	68.16 3.31 0.00	67.76 3.10 0.00	67.69 3.10 0.00	67.76 3.04 0.00	68.29 3.31 0.00	70.28 3.31 -2.12	83.14 3.52 -14.37	114.55 3.84 -43.32	117.85 3.96 -44.44	91.13 3.73 -21.87	87.79 3.58 -19.03	87.79 3.58 -19.10	73.45 3.51 -4.90	97.82 3.84 -26.59	118.09 4.50 -35.90	172.35 5.23 -78.43	199.87 5.20 -108.02	171.53 4.89 -85.06	138.87 4.70 -55.75	125.13 4.40 -47.47	90.61 3.82 -20.93	87.65 3.46 -18.95
COOPERNY_115KV_TB1 80082	67.20 1.57 -0.25	65.95 1.10 0.00	66.02 1.17 0.00	65.56 0.91 0.00	65.43 0.84 0.00	65.56 0.84 0.00	65.89 0.91 0.00	66.26 1.23 -0.18	67.96 1.50 -1.21	72.72 1.68 -3.65	74.94 1.74 -3.74	69.01 1.64 -1.84	68.34 1.56 -1.60	68.22 1.50 -1.61	65.88 1.50 0.66	71.39 1.75 -2.24	75.41 2.18 4.46	87.95 2.66 3.40	89.87 2.69 -0.53	83.15 2.53 0.95	78.81 2.43 2.04	75.32 2.20 0.14	69.46 1.84 -1.76	68.14 1.30 -1.60
COPENHAGEN_WT_PWR 323753	67.15 1.77 0.00	66.53 1.68 0.00	66.34 1.49 0.00	66.20 1.55 0.00	66.21 1.62 0.00	66.40 1.68 0.00	66.61 1.63 0.00	66.47 1.62 0.00	67.27 2.02 0.00	69.54 2.16 0.00	71.68 2.22 0.00	67.49 1.96 0.00	66.80 1.63 0.00	66.61 1.50 0.00	66.54 1.50 0.00	69.08 1.69 0.00	79.87 2.17 0.00	91.79 3.10 0.00	89.34 2.69 0.00	84.10 2.53 0.00	80.84 2.43 0.00	75.67 2.41 0.00	67.90 2.04 0.00	67.20 1.96 0.00
CORNELL_____ 23752	66.21 0.72 -0.11	65.30 0.45 0.00	65.11 0.26 0.00	64.91 0.26 0.00	64.85 0.26 0.00	64.78 0.06 0.00	65.04 0.06 0.00	65.26 0.32 -0.08	66.52 0.72 -0.55	69.98 0.94 -1.65	72.13 0.97 -1.69	67.02 0.66 -0.83	66.03 0.13 -0.73	66.03 0.20 -0.73	65.35 0.13 -0.17	69.15 0.74 -1.01	80.05 1.09 -1.27	93.22 1.69 -2.85	92.21 1.56 -3.99	86.08 1.39 -3.12	81.77 1.33 -2.03	76.17 1.17 -1.74	67.77 1.12 -0.79	66.74 0.78 -0.72

CORONA_69_KV_TB1 355595	93.74 4.45 -23.91	88.60 3.83 -19.92	86.64 3.89 -17.90	86.48 3.43 -18.39	86.41 3.36 -18.46	77.32 3.37 -9.24	85.37 3.57 -16.82	88.60 4.02 -19.73	88.60 4.37 -18.98	137.18 4.78 -65.01	107.80 4.93 -33.41	129.34 4.78 -59.03	107.73 4.63 -37.92	105.83 4.62 -36.09	111.10 4.55 -41.50	144.34 4.99 -71.96	148.07 5.83 -64.55	158.36 6.83 -62.84	167.03 6.85 -73.54	156.95 6.44 -68.94	155.38 6.27 -70.69	147.93 5.79 -68.88	140.67 4.87 -69.94	128.41 4.04 -59.12
CORTLAND_115KV_TB3 80093	65.60 0.13 -0.08	64.72 -0.13 0.00	64.59 -0.26 0.00	64.40 -0.26 0.00	64.27 -0.32 0.00	64.27 -0.45 0.00	64.46 -0.52 0.00	64.65 -0.26 -0.06	65.72 0.07 -0.41	69.03 0.40 -1.24	71.14 0.42 -1.27	66.35 0.20 -0.62	65.52 -0.20 -0.54	65.46 -0.20 -0.54	64.92 -0.26 -0.13	68.36 0.20 -0.76	79.03 0.39 -0.95	91.53 0.71 -2.14	90.25 0.61 -2.99	84.48 0.57 -2.34	80.48 0.55 -1.52	75.08 0.51 -1.31	66.98 0.53 -0.59	65.97 0.20 -0.54
COXSACKIE___GT 23611	72.38 5.69 -1.32	70.81 5.96 0.00	70.94 6.09 0.00	70.60 5.94 0.00	70.34 5.75 0.00	70.42 5.70 0.00	70.24 5.26 0.00	70.40 4.60 -0.94	76.41 4.76 -6.40	91.67 4.99 -19.29	94.18 4.93 -19.79	79.72 4.46 -9.74	78.02 4.37 -8.47	77.91 4.30 -8.51	71.56 4.48 -2.03	84.36 5.12 -11.84	98.88 6.22 -14.96	129.25 7.00 -33.56	140.60 7.02 -46.93	124.79 6.44 -36.77	108.75 6.43 -23.91	99.70 5.86 -20.58	80.51 5.33 -9.32	78.90 5.22 -8.44
CPV_VALLEY___CC1 323721	67.29 1.64 -0.28	66.02 1.17 0.00	66.08 1.23 0.00	65.56 0.90 0.00	65.43 0.84 0.00	65.69 0.97 0.00	66.15 1.17 0.00	66.34 1.30 -0.20	68.15 1.56 -1.34	73.18 1.75 -4.04	75.40 1.80 -4.14	69.34 1.77 -2.04	68.64 1.69 -1.77	68.52 1.63 -1.78	65.62 1.63 1.05	71.83 1.96 -2.48	72.97 2.41 7.13	84.83 2.84 6.69	87.67 2.95 1.93	80.92 2.77 3.42	76.86 2.67 4.22	74.31 2.41 1.36	69.78 1.97 -1.95	68.38 1.37 -1.77
CPV_VALLEY___CC2 323722	67.29 1.64 -0.28	66.02 1.17 0.00	66.08 1.23 0.00	65.56 0.90 0.00	65.43 0.84 0.00	65.69 0.97 0.00	66.15 1.17 0.00	66.34 1.30 -0.20	68.15 1.56 -1.34	73.18 1.75 -4.04	75.40 1.80 -4.14	69.34 1.77 -2.04	68.64 1.69 -1.77	68.52 1.63 -1.78	65.62 1.63 1.05	71.83 1.96 -2.48	72.97 2.41 7.13	84.83 2.84 6.69	87.67 2.95 1.93	80.92 2.77 3.42	76.86 2.67 4.22	74.31 2.41 1.36	69.78 1.97 -1.95	68.38 1.37 -1.77
CRESCENT___HYD 24018	71.93 3.59 -2.96	68.09 3.24 0.00	68.16 3.31 0.00	67.76 3.10 0.00	67.69 3.10 0.00	67.76 3.04 0.00	68.29 3.31 0.00	70.28 3.31 -2.12	83.14 3.52 -14.37	114.55 3.84 -43.32	117.85 3.96 -44.44	91.13 3.73 -21.87	87.79 3.58 -19.03	87.79 3.58 -19.10	73.45 3.51 -4.90	97.82 3.84 -26.59	118.09 4.50 -35.90	172.35 5.23 -78.43	199.87 5.20 -108.02	171.53 4.89 -85.06	138.87 4.70 -55.75	125.13 4.40 -47.47	90.61 3.82 -20.93	87.65 3.46 -18.95
CRICKET___VALLEY_CC1 323756	69.01 3.20 -0.43	67.51 2.66 0.00	67.57 2.72 0.00	67.05 2.39 0.00	66.91 2.32 0.00	67.12 2.40 0.00	67.65 2.67 0.00	68.01 2.85 -0.31	70.45 3.13 -2.06	77.05 3.43 -6.23	79.32 3.47 -6.39	72.08 3.41 -3.14	71.23 3.32 -2.74	71.11 3.25 -2.75	69.93 3.25 -1.63	74.86 3.64 -3.82	93.56 4.27 -11.60	113.62 5.05 -19.88	114.69 5.11 -22.92	105.59 4.81 -19.21	96.84 4.63 -13.80	87.89 4.25 -10.38	72.42 3.55 -3.01	70.90 2.94 -2.72
CRICKET___VALLEY_CC2 323757	69.01 3.20 -0.43	67.51 2.66 0.00	67.57 2.72 0.00	67.05 2.39 0.00	66.91 2.32 0.00	67.12 2.40 0.00	67.65 2.67 0.00	68.01 2.85 -0.31	70.45 3.13 -2.06	77.05 3.43 -6.23	79.32 3.47 -6.39	72.08 3.41 -3.14	71.23 3.32 -2.74	71.11 3.25 -2.75	69.93 3.25 -1.63	74.86 3.64 -3.82	93.56 4.27 -11.60	113.62 5.05 -19.88	114.69 5.11 -22.92	105.59 4.81 -19.21	96.84 4.63 -13.80	87.89 4.25 -10.38	72.42 3.55 -3.01	70.90 2.94 -2.72
CRICKET___VALLEY_CC3 323758	69.01 3.20 -0.43	67.51 2.66 0.00	67.57 2.72 0.00	67.05 2.39 0.00	66.91 2.32 0.00	67.12 2.40 0.00	67.65 2.67 0.00	68.01 2.85 -0.31	70.45 3.13 -2.06	77.05 3.43 -6.23	79.32 3.47 -6.39	72.08 3.41 -3.14	71.23 3.32 -2.74	71.11 3.25 -2.75	69.93 3.25 -1.63	74.86 3.64 -3.82	93.56 4.27 -11.60	113.62 5.05 -19.88	114.69 5.11 -22.92	105.59 4.81 -19.21	96.84 4.63 -13.80	87.89 4.25 -10.38	72.42 3.55 -3.01	70.90 2.94 -2.72
CRUCIBLE_METL_DRP 24180	63.68 -1.70 0.00	62.90 -1.95 0.00	62.84 -2.01 0.00	62.65 -2.00 0.00	62.52 -2.07 0.00	62.52 -2.20 0.00	62.71 -2.27 0.00	62.77 -2.08 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	64.02 -1.51 0.00	63.28 -1.89 0.00	63.22 -1.89 0.00	63.16 -1.89 0.00	65.85 -1.55 0.00	75.98 -1.71 0.00	86.83 -1.86 0.00	84.83 -1.82 0.00	79.86 -1.71 0.00	76.76 -1.65 0.00	71.72 -1.54 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
DAHOWA___HYDRO 323763	73.91 5.03 -3.49	69.52 4.67 0.00	69.58 4.73 0.00	69.25 4.59 0.00	69.18 4.59 0.00	69.18 4.46 0.00	69.79 4.81 0.00	72.22 4.87 -2.50	87.24 5.02 -16.96	123.94 5.39 -51.16	127.41 5.49 -52.47	96.47 5.11 -25.83	92.54 4.89 -22.47	92.55 4.89 -22.55	75.56 4.81 -5.70	103.98 5.19 -31.39	125.54 6.06 -41.78	187.49 7.00 -91.80	220.45 6.93 -126.86	187.88 6.53 -99.79	149.97 6.28 -65.29	134.84 5.86 -55.72	95.77 5.20 -24.72	92.51 4.90 -22.38
DANC___LFGE 323619	65.71 0.33 0.00	65.05 0.20 0.00	64.85 0.00 0.00	64.72 0.06 0.00	64.72 0.13 0.00	64.98 0.26 0.00	65.11 0.13 0.00	64.91 0.06 0.00	65.64 0.39 0.00	67.92 0.54 0.00	70.08 0.62 0.00	66.05 0.52 0.00	65.37 0.20 0.00	65.24 0.13 0.00	65.11 0.07 0.00	67.67 0.27 0.00	78.16 0.47 0.00	89.67 0.98 0.00	87.34 0.69 0.00	82.22 0.65 0.00	79.04 0.62 0.00	74.07 0.81 0.00	66.52 0.66 0.00	65.76 0.52 0.00
DANSKAMMER___1 23586	69.33 3.59 -0.36	67.83 2.98 0.00	67.96 3.11 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.44 2.72 0.00	67.84 2.86 0.00	68.09 2.98 -0.25	70.30 3.33 -1.72	76.28 3.70 -5.19	78.60 3.82 -5.32	71.81 3.67 -2.62	71.04 3.58 -2.28	70.91 3.51 -2.29	69.10 3.51 -0.55	74.49 3.91 -3.19	86.46 4.74 -4.03	103.31 5.59 -9.03	105.01 5.72 -12.64	96.77 5.30 -9.90	90.02 5.17 -6.43	83.49 4.69 -5.54	72.32 3.95 -2.51	70.77 3.26 -2.27
DANSKAMMER___2 23589	69.33 3.59 -0.36	67.83 2.98 0.00	67.96 3.11 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.44 2.72 0.00	67.84 2.86 0.00	68.09 2.98 -0.25	70.30 3.33 -1.72	76.28 3.70 -5.19	78.60 3.82 -5.32	71.81 3.67 -2.62	71.04 3.58 -2.28	70.91 3.51 -2.29	69.10 3.51 -0.55	74.49 3.91 -3.19	86.46 4.74 -4.03	103.31 5.59 -9.03	105.01 5.72 -12.64	96.77 5.30 -9.90	90.02 5.17 -6.43	83.49 4.69 -5.54	72.32 3.95 -2.51	70.77 3.26 -2.27
DANSKAMMER___3 23590	69.33 3.59 -0.36	67.83 2.98 0.00	67.96 3.11 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.44 2.72 0.00	67.84 2.86 0.00	68.09 2.98 -0.25	70.30 3.33 -1.72	76.28 3.70 -5.19	78.60 3.82 -5.32	71.81 3.67 -2.62	71.04 3.58 -2.28	70.91 3.51 -2.29	69.10 3.51 -0.55	74.49 3.91 -3.19	86.46 4.74 -4.03	103.31 5.59 -9.03	105.01 5.72 -12.64	96.77 5.30 -9.90	90.02 5.17 -6.43	83.49 4.69 -5.54	72.32 3.95 -2.51	70.77 3.26 -2.27

DANSKAMMER___4 23591	69.33 3.59 -0.36	67.83 2.98 0.00	67.96 3.11 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.44 2.72 0.00	67.84 2.86 0.00	68.09 2.98 -0.25	70.30 3.33 -1.72	76.28 3.70 -5.19	78.60 3.82 -5.32	71.81 3.67 -2.62	71.04 3.58 -2.28	70.91 3.51 -2.29	69.10 3.51 -0.55	74.49 3.91 -3.19	86.46 4.74 -4.03	103.31 5.59 -9.03	105.01 5.72 -12.64	96.77 5.30 -9.90	90.02 5.17 -6.43	83.49 4.69 -5.54	72.32 3.95 -2.51	70.77 3.26 -2.27	
DANSKAMMER___DIESEL 23592	69.27 3.53 -0.36	67.83 2.98 0.00	67.90 3.05 0.00	67.31 2.65 0.00	67.17 2.58 0.00	67.31 2.59 0.00	67.64 2.66 0.00	68.09 2.98 -0.25	70.30 3.33 -1.72	76.29 3.71 -5.19	78.60 3.82 -5.32	71.82 3.67 -2.62	71.04 3.58 -2.28	70.91 3.52 -2.29	69.11 3.51 -0.55	74.49 3.91 -3.19	86.46 4.74 -4.03	103.31 5.59 -9.03	105.01 5.72 -12.64	96.77 5.30 -9.90	90.02 5.18 -6.43	83.48 4.69 -5.54	72.32 3.95 -2.51	70.71 3.20 -2.27	
DARBY___SOLAR 323810	73.45 4.64 -3.43	69.20 4.35 0.00	69.26 4.41 0.00	68.86 4.20 0.00	68.79 4.20 0.00	68.80 4.08 0.00	69.46 4.48 0.00	71.78 4.47 -2.46	86.53 4.63 -16.64	122.56 4.99 -50.19	126.00 5.07 -51.48	95.59 4.72 -25.34	91.72 4.49 -22.05	91.73 4.49 -22.13	75.13 4.48 -5.60	103.05 4.86 -30.80	124.42 5.67 -41.06	185.40 6.56 -90.15	217.69 6.50 -124.54	185.66 6.12 -97.97	148.33 5.80 -64.12	133.46 5.50 -54.71	94.98 4.87 -24.25	91.69 4.50 -21.96	
DASHVILLE___HYD 23610	67.95 2.03 -0.54	67.05 2.20 0.00	67.18 2.33 0.00	66.59 1.94 0.00	66.46 1.87 0.00	66.53 1.81 0.00	66.80 1.82 0.00	66.73 1.49 -0.39	69.65 1.76 -2.64	77.43 2.09 -7.96	79.70 2.08 -8.16	71.57 2.03 -4.02	70.63 1.96 -3.49	70.44 1.82 -3.51	67.57 1.89 -0.64	74.57 2.29 -4.88	85.33 2.87 -4.76	104.10 3.46 -11.95	108.03 3.64 -17.74	98.55 3.34 -13.63	90.29 3.29 -8.59	83.89 2.93 -7.70	72.01 2.31 -3.84	70.35 1.63 -3.48	
DEERFIELD_69_KV_DEERFIELD LD 355887	95.24 5.95 -23.91	90.09 5.32 -19.92	88.07 5.32 -17.90	87.96 4.91 -18.39	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46	87.96 4.91 -18.46
DELAWARE___LFGE 323621	67.97 2.09 -0.50	66.60 1.75 0.00	66.60 1.75 0.00	66.27 1.62 0.00	66.14 1.55 0.00	66.21 1.49 0.00	66.54 1.56 0.00	67.02 1.82 -0.36	69.83 2.15 -2.43	77.14 2.43 -7.33	79.40 2.43 -7.51	71.45 2.23 -3.70	70.35 1.96 -3.22	70.23 1.89 -3.23	67.47 1.82 -0.61	74.05 2.16 -4.50	84.86 2.64 -4.52	103.25 3.37 -11.19	106.35 3.21 -16.49	97.29 3.02 -12.70	89.35 2.90 -8.03	83.14 2.71 -7.17	71.70 2.31 -3.54	70.40 1.96 -3.20	
DERFIELD_115KV_TB7 355931	65.97 0.59 0.00	65.30 0.45 0.00	65.30 0.45 0.00	65.04 0.39 0.00	64.98 0.39 0.00	65.11 0.39 0.00	65.43 0.45 0.00	65.37 0.52 0.00	65.90 0.65 0.00	68.13 0.74 0.00	70.22 0.76 0.00	66.25 0.72 0.00	65.83 0.65 0.00	65.70 0.59 0.00	65.63 0.59 0.00	68.07 0.67 0.00	78.55 0.85 0.00	89.66 0.98 0.00	87.61 0.95 0.00	82.47 0.90 0.00	79.35 0.94 0.00	74.06 0.81 0.00	66.58 0.72 0.00	65.76 0.52 0.00	
DOGLEVILLE___HYD 23807	66.62 1.24 0.00	66.08 1.23 0.00	66.21 1.36 0.00	66.33 1.68 0.00	66.91 2.32 0.00	67.76 3.04 0.00	68.49 3.51 0.00	68.54 3.69 0.00	69.30 4.05 0.00	71.70 4.32 0.00	73.70 4.24 0.00	69.13 3.60 0.00	68.11 2.94 0.00	67.52 2.41 0.00	67.13 2.08 0.00	69.35 1.96 0.00	79.95 2.25 0.00	91.97 3.28 0.00	90.12 3.47 0.00	85.16 3.59 0.00	82.10 3.69 0.00	76.92 3.66 0.00	68.82 2.97 0.00	67.72 2.48 0.00	
DUNKIRK___115KV_TB_200 55889	63.61 -1.77 0.00	62.32 -2.53 0.00	62.00 -2.85 0.00	62.07 -2.59 0.00	61.75 -2.84 0.00	60.90 -3.82 0.00	60.43 -4.55 0.00	60.63 -4.22 0.00	61.73 -3.52 0.00	65.10 -2.29 0.00	66.82 -2.64 0.00	62.51 -3.01 0.00	60.48 -4.69 0.00	60.62 -4.49 0.00	60.17 -4.88 0.00	63.76 -3.64 0.00	73.03 -4.66 0.00	83.72 -4.97 0.00	81.11 -5.55 0.00	77.17 -4.40 0.00	74.26 -4.16 0.00	70.47 -2.78 0.00	64.54 -1.32 0.00	63.35 -1.89 0.00	
DUNKIRK___1 23563	63.61 -1.77 0.00	62.32 -2.53 0.00	62.00 -2.85 0.00	62.07 -2.59 0.00	61.75 -2.84 0.00	60.90 -3.82 0.00	60.43 -4.55 0.00	60.63 -4.22 0.00	61.73 -3.52 0.00	65.10 -2.29 0.00	66.82 -2.64 0.00	62.51 -3.01 0.00	60.48 -4.69 0.00	60.62 -4.49 0.00	60.17 -4.88 0.00	63.76 -3.64 0.00	73.03 -4.66 0.00	83.72 -4.97 0.00	81.11 -5.55 0.00	77.17 -4.40 0.00	74.26 -4.16 0.00	70.47 -2.78 0.00	64.54 -1.32 0.00	63.35 -1.89 0.00	
DUNKIRK___2 23564	63.61 -1.77 0.00	62.32 -2.53 0.00	62.00 -2.85 0.00	62.07 -2.59 0.00	61.75 -2.84 0.00	60.90 -3.82 0.00	60.43 -4.55 0.00	60.63 -4.22 0.00	61.73 -3.52 0.00	65.10 -2.29 0.00	66.82 -2.64 0.00	62.51 -3.01 0.00	60.48 -4.69 0.00	60.62 -4.49 0.00	60.17 -4.88 0.00	63.76 -3.64 0.00	73.03 -4.66 0.00	83.72 -4.97 0.00	81.11 -5.55 0.00	77.17 -4.40 0.00	74.26 -4.16 0.00	70.47 -2.78 0.00	64.54 -1.32 0.00	63.35 -1.89 0.00	
DUNKIRK___3 23565	63.22 -2.16 0.00	61.93 -2.92 0.00	61.67 -3.18 0.00	61.75 -2.91 0.00	61.43 -3.16 0.00	60.64 -4.08 0.00	60.11 -4.87 0.00	60.31 -4.54 0.00	61.33 -3.91 0.00	64.69 -2.70 0.00	66.40 -3.06 0.00	62.18 -3.34 0.00	60.22 -4.95 0.00	60.42 -4.69 0.00	59.91 -5.14 0.00	63.49 -3.91 0.00	72.64 -5.05 0.00	83.28 -5.41 0.00	80.67 -5.98 0.00	76.68 -4.89 0.00	73.86 -4.55 0.00	70.03 -3.22 0.00	64.08 -1.78 0.00	62.96 -2.28 0.00	
DUNKIRK___4 23566	63.22 -2.16 0.00	61.93 -2.92 0.00	61.67 -3.18 0.00	61.75 -2.91 0.00	61.43 -3.16 0.00	60.64 -4.08 0.00	60.11 -4.87 0.00	60.31 -4.54 0.00	61.33 -3.91 0.00	64.69 -2.70 0.00	66.40 -3.06 0.00	62.18 -3.34 0.00	60.22 -4.95 0.00	60.42 -4.69 0.00	59.91 -5.14 0.00	63.49 -3.91 0.00	72.64 -5.05 0.00	83.28 -5.41 0.00	80.67 -5.98 0.00	76.68 -4.89 0.00	73.86 -4.55 0.00	70.03 -3.22 0.00	64.08 -1.78 0.00	62.96 -2.28 0.00	
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	68.93 3.20 -0.35	67.44 2.59 0.00	67.57 2.72 0.00	66.92 2.26 0.00	66.79 2.20 0.00	66.92 2.20 0.00	67.45 2.47 0.00	68.02 2.92 -0.25	70.26 3.33 -1.68	76.10 3.64 -5.07	78.41 3.75 -5.20	71.76 3.67 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.08 4.66 -15.72	118.77 5.50 -24.59	118.15 5.63 -25.86	109.24 5.22 -22.45	100.39 5.10 -16.89	89.80 4.62 -11.93	72.13 3.82 -2.45	70.33 2.87 -2.22	
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	68.40 2.68 -0.34	66.99 2.14 0.00	67.05 2.20 0.00	66.53 1.87 0.00	66.40 1.81 0.00	66.47 1.75 0.00	66.86 1.88 0.00	67.30 2.20 -0.24	69.35 2.48 -1.62	75.12 2.83 -4.90	77.33 2.85 -5.02	70.75 2.75 -2.47	70.06 2.74 -2.15	69.87 2.60 -2.16	67.47 2.60 0.17	73.44 3.03 -3.01	80.35 3.65 1.00	95.14 4.35 -2.11	97.59 4.51 -6.43	89.87 4.16 -4.14	84.25 4.08 -1.76	79.57 3.74 -2.57	71.25 3.03 -2.37	69.73 2.35 -2.14	

E179THST_138_KV_TB4_REV_LBMP_J 345001	69.85 4.12 -0.35	68.22 3.37 0.00	68.35 3.50 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.18 2.46 0.00	67.45 2.47 0.00	67.82 2.72 -0.25	70.06 3.13 -1.68	75.90 3.44 -5.08	78.21 3.54 -5.21	71.63 3.54 -2.56	70.86 3.45 -2.23	70.73 3.39 -2.24	70.66 3.38 -2.23	74.29 3.77 -3.11	97.99 4.58 -15.71	118.67 5.41 -24.57	118.14 5.63 -25.85	109.31 5.30 -22.44	100.39 5.10 -16.88	90.01 4.84 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
E179THST_13_KV_LOAD 356214	70.11 4.38 -0.35	68.48 3.63 0.00	68.61 3.76 0.00	67.76 3.10 0.00	67.63 3.04 0.00	67.44 2.72 0.00	67.71 2.73 0.00	68.08 2.98 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.18 3.78 -2.23	71.06 3.71 -2.24	70.98 3.71 -2.23	74.62 4.11 -3.11	98.38 4.97 -15.71	119.11 5.85 -24.57	118.57 6.07 -25.85	109.72 5.71 -22.44	100.78 5.49 -16.88	90.38 5.20 -11.92	72.79 4.48 -2.45	71.11 3.65 -2.22
EAST HAMPTON___GT 23717	94.86 5.55 -23.92	89.71 4.93 -19.93	87.62 4.87 -17.91	87.58 4.52 -18.40	87.58 4.52 -18.47	78.63 4.66 -9.25	87.26 5.46 -16.82	90.68 6.09 -19.74	90.96 6.72 -18.98	140.22 7.81 -65.02	110.72 7.85 -33.42	132.42 7.86 -59.04	110.79 7.69 -37.93	108.76 7.55 -36.10	114.36 7.80 -41.51	147.99 8.63 -71.97	185.28 9.87 -97.72	226.16 11.71 -125.77	272.54 10.31 -175.58	221.18 9.70 -129.91	246.74 10.04 -158.29	150.71 8.49 -68.96	143.05 7.24 -69.94	130.50 6.13 -59.13
EAST RIVER___6 23660	68.99 3.27 -0.35	67.38 2.53 0.00	67.51 2.66 0.00	66.79 2.13 0.00	66.66 2.07 0.00	66.92 2.20 0.00	67.58 2.60 0.00	67.95 2.85 -0.25	70.13 3.20 -1.68	76.03 3.57 -5.07	78.27 3.61 -5.20	71.69 3.60 -2.56	70.92 3.52 -2.23	70.86 3.51 -2.24	70.72 3.45 -2.23	74.42 3.91 -3.11	98.08 4.66 -15.73	118.69 5.41 -24.59	118.07 5.55 -25.87	109.25 5.23 -22.45	100.32 5.02 -16.89	89.80 4.62 -11.93	72.06 3.75 -2.45	70.33 2.87 -2.22
EAST RIVER___7 23524	68.99 3.27 -0.35	67.38 2.53 0.00	67.51 2.66 0.00	66.79 2.13 0.00	66.66 2.07 0.00	66.92 2.20 0.00	67.58 2.60 0.00	67.95 2.85 -0.25	70.13 3.20 -1.68	76.03 3.57 -5.07	78.27 3.61 -5.20	71.69 3.60 -2.56	70.92 3.52 -2.23	70.86 3.51 -2.24	70.72 3.45 -2.23	74.42 3.91 -3.11	98.08 4.66 -15.73	118.69 5.41 -24.59	118.07 5.55 -25.87	109.25 5.23 -22.45	100.32 5.02 -16.89	89.80 4.62 -11.93	72.06 3.75 -2.45	70.33 2.87 -2.22
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.86 3.14 -0.35	67.38 2.53 0.00	67.44 2.59 0.00	66.79 2.13 0.00	66.72 2.13 0.00	66.79 2.07 0.00	67.32 2.34 0.00	67.89 2.79 -0.25	70.06 3.13 -1.67	75.87 3.44 -5.05	78.18 3.54 -5.18	71.55 3.47 -2.55	70.78 3.39 -2.22	70.66 3.32 -2.22	70.65 3.32 -2.29	74.20 3.71 -3.10	98.24 4.43 -16.12	119.01 5.23 -25.09	118.30 5.37 -26.27	109.40 4.98 -22.85	100.50 4.86 -17.23	89.78 4.40 -12.13	71.92 3.62 -2.44	70.25 2.81 -2.21
EAST_HAMPTON___DIESEL 23722	94.73 5.42 -23.92	89.58 4.80 -19.93	87.49 4.73 -17.91	87.46 4.40 -18.40	87.46 4.39 -18.47	78.50 4.53 -9.25	87.19 5.39 -16.82	90.62 6.03 -19.74	90.89 6.66 -18.98	140.15 7.75 -65.02	110.72 7.85 -33.42	132.36 7.79 -59.04	110.79 7.69 -37.93	108.76 7.55 -36.10	114.36 7.80 -41.51	147.99 8.63 -71.97	185.20 9.79 -97.72	226.16 11.71 -125.76	272.54 10.31 -175.58	221.18 9.70 -129.91	246.66 9.96 -158.29	150.64 8.42 -68.96	142.92 7.11 -69.94	130.37 6.00 -59.13
EAST_POINT___SOLAR 323840	75.05 6.14 -3.52	70.69 5.84 0.00	70.69 5.84 0.00	70.41 5.75 0.00	70.34 5.75 0.00	70.29 5.57 0.00	71.16 6.18 0.00	73.54 6.16 -2.53	88.69 6.33 -17.11	125.26 6.27 -51.61	128.02 5.62 -52.93	96.30 4.72 -26.06	93.32 5.48 -22.67	93.46 5.60 -22.75	76.17 5.46 -5.66	105.00 5.93 -31.67	126.74 7.53 -41.51	189.67 9.22 -91.75	222.92 9.01 -127.25	190.11 8.56 -99.98	151.70 8.00 -65.29	136.37 7.25 -55.86	97.25 6.46 -24.93	93.89 6.07 -22.58
EAST_PULASKI___ESR 323781	64.40 -0.98 0.00	63.62 -1.23 0.00	63.49 -1.36 0.00	63.36 -1.29 0.00	63.30 -1.29 0.00	63.56 -1.16 0.00	63.74 -1.24 0.00	63.42 -1.43 0.00	64.14 -1.11 0.00	66.44 -0.94 0.00	68.55 -0.90 0.00	64.67 -0.85 0.00	64.00 -1.17 0.00	63.87 -1.24 0.00	63.81 -1.24 0.00	66.39 -1.01 0.00	76.61 -1.09 0.00	87.71 -0.97 0.00	85.53 -1.13 0.00	80.51 -1.06 0.00	77.39 -1.02 0.00	72.53 -0.73 0.00	65.26 -0.59 0.00	64.39 -0.85 0.00
EAST_RIVER___1 323558	69.19 3.46 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.91 2.32 0.00	67.18 2.46 0.00	67.77 2.79 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.17 3.70 -5.07	78.48 3.82 -5.20	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.64 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.24 4.82 -15.73	118.96 5.68 -24.59	118.33 5.81 -25.87	109.41 5.38 -22.45	100.47 5.17 -16.89	90.02 4.83 -11.93	72.26 3.95 -2.45	70.53 3.07 -2.22
EAST_RIVER___2 323559	68.99 3.27 -0.35	67.38 2.53 0.00	67.51 2.66 0.00	66.79 2.13 0.00	66.66 2.07 0.00	66.92 2.20 0.00	67.58 2.60 0.00	67.95 2.85 -0.25	70.13 3.20 -1.68	76.03 3.57 -5.07	78.27 3.61 -5.20	71.69 3.60 -2.56	70.92 3.52 -2.23	70.86 3.51 -2.24	70.72 3.45 -2.23	74.42 3.91 -3.11	98.08 4.66 -15.73	118.69 5.41 -24.59	118.07 5.55 -25.87	109.25 5.23 -22.45	100.32 5.02 -16.89	89.80 4.62 -11.93	72.06 3.75 -2.45	70.33 2.87 -2.22
EAST___DELAWARE_HYD 23607	68.61 2.87 -0.36	67.18 2.33 0.00	67.25 2.40 0.00	66.72 2.07 0.00	66.53 1.94 0.00	66.85 2.13 0.00	67.19 2.21 0.00	67.31 2.21 -0.26	69.47 2.48 -1.74	75.46 2.83 -5.24	77.62 2.78 -5.38	70.86 2.69 -2.65	70.02 2.54 -2.30	69.83 2.41 -2.31	67.46 2.47 0.06	73.51 2.90 -3.22	81.17 3.65 0.17	96.58 4.43 -3.46	99.15 4.59 -7.90	91.21 4.24 -5.40	85.33 4.23 -2.69	80.24 3.73 -3.25	71.49 3.10 -2.53	70.01 2.48 -2.29
EIGHT_POINT___WT_PWR 323820	65.35 -0.13 -0.10	64.20 -0.65 0.00	63.94 -0.91 0.00	63.81 -0.84 0.00	63.49 -1.10 0.00	63.75 -0.97 0.00	63.81 -1.17 0.00	62.78 -2.14 -0.07	63.96 -1.76 -0.47	67.66 -1.15 -1.42	69.25 -1.67 -1.45	64.14 -2.10 -0.72	62.41 -3.39 -0.62	62.35 -3.39 -0.62	61.49 -3.70 -0.15	65.91 -2.36 -0.87	76.14 -2.64 -1.08	88.73 -2.39 -2.43	87.47 -2.60 -3.42	82.04 -2.20 -2.67	77.95 -2.20 -1.73	72.92 -1.83 -1.49	65.61 -0.92 -0.68	64.42 -1.44 -0.61
ELBRIDGE_115KV_TB2 80188	63.75 -1.63 0.00	62.97 -1.88 0.00	62.84 -2.01 0.00	62.72 -1.94 0.00	62.59 -2.00 0.00	62.58 -2.14 0.00	62.71 -2.27 0.00	62.77 -2.08 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	63.95 -1.57 0.00	63.22 -1.96 0.00	63.16 -1.95 0.00	63.09 -1.95 0.00	65.85 -1.55 0.00	75.91 -1.79 0.00	86.83 -1.86 0.00	84.75 -1.91 0.00	79.78 -1.79 0.00	76.69 -1.73 0.00	71.72 -1.54 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
ELEC_TRO_TEK 24086	93.41 4.12 -23.91	88.27 3.50 -19.92	86.38 3.63 -17.90	86.22 3.17 -18.39	86.15 3.10 -18.46	77.07 3.11 -9.24	85.11 3.31 -16.82	88.34 3.76 -19.73	88.34 4.11 -18.98	136.91 4.51 -65.01	107.45 4.58 -33.41	129.01 4.46 -59.03	107.47 4.37 -37.92	105.50 4.30 -36.09	110.84 4.29 -41.50	144.07 4.72 -71.96	147.91 5.67 -64.55	158.18 6.65 -62.84	166.86 6.67 -73.54	156.79 6.28 -68.94	155.14 6.04 -70.69	147.71 5.57 -68.88	140.47 4.68 -69.94	128.15 3.78 -59.12

ELLENBURG_WT_PWR 323604	66.23 0.85 0.00	66.27 1.42 0.00	66.15 1.30 0.00	66.14 1.49 0.00	66.21 1.62 0.00	66.27 1.55 0.00	66.02 1.04 0.00	66.02 1.17 0.00	66.10 0.85 0.00	67.92 0.54 0.00	69.95 0.49 0.00	66.05 0.52 0.00	66.09 0.91 0.00	66.02 0.91 0.00	66.02 0.98 0.00	67.87 0.48 0.00	78.16 0.47 0.00	88.69 0.00 0.00	86.57 -0.09 0.00	81.25 -0.32 0.00	77.70 -0.71 0.00	72.30 -0.95 0.00	64.74 -1.12 0.00	65.11 -0.13 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	62.24 -3.14 0.00	60.96 -3.89 0.00	60.76 -4.09 0.00	60.84 -3.81 0.00	60.59 -4.00 0.00	59.80 -4.92 0.00	59.20 -5.78 0.00	59.27 -5.58 0.00	60.29 -4.96 0.00	63.61 -3.77 0.00	65.36 -4.10 0.00	61.20 -4.32 0.00	59.37 -5.80 0.00	59.71 -5.40 0.00	59.19 -5.85 0.00	62.75 -4.65 0.00	71.63 -6.06 0.00	82.04 -6.65 0.00	79.38 -7.28 0.00	75.45 -6.12 0.00	72.61 -5.80 0.00	68.79 -4.47 0.00	62.96 -2.90 0.00	61.91 -3.33 0.00
EMPIRE_CC_1 323656	69.27 2.94 -0.94	67.38 2.53 0.00	67.45 2.60 0.00	66.98 2.32 0.00	66.91 2.32 0.00	67.05 2.33 0.00	67.51 2.53 0.00	68.12 2.60 -0.68	72.65 2.80 -4.59	84.28 3.04 -13.85	86.80 3.13 -14.21	75.54 3.02 -6.99	74.12 2.86 -6.09	74.08 2.86 -6.11	69.81 2.86 -1.91	79.07 3.17 -8.50	95.19 3.65 -13.84	121.18 4.26 -28.24	128.05 4.16 -37.24	115.24 3.92 -29.76	102.20 3.84 -19.95	93.33 3.59 -16.49	75.71 3.16 -6.69	74.04 2.74 -6.06
EMPIRE_CC_2 323658	69.27 2.94 -0.94	67.38 2.53 0.00	67.45 2.60 0.00	66.98 2.32 0.00	66.91 2.32 0.00	67.05 2.33 0.00	67.51 2.53 0.00	68.12 2.60 -0.68	72.65 2.80 -4.59	84.28 3.04 -13.85	86.80 3.13 -14.21	75.54 3.02 -6.99	74.12 2.86 -6.09	74.08 2.86 -6.11	69.81 2.86 -1.91	79.07 3.17 -8.50	95.19 3.65 -13.84	121.18 4.26 -28.24	128.05 4.16 -37.24	115.24 3.92 -29.76	102.20 3.84 -19.95	93.33 3.59 -16.49	75.71 3.16 -6.69	74.04 2.74 -6.06
ENORWICH_115KV_TB1 80156	70.65 5.03 -0.23	69.78 4.93 0.00	69.65 4.80 0.00	69.50 4.85 0.00	69.37 4.78 0.00	69.44 4.72 0.00	69.72 4.74 0.00	70.08 5.06 -0.17	72.06 5.68 -1.13	76.72 5.93 -3.41	78.79 5.83 -3.49	72.16 4.91 -1.72	70.84 4.17 -1.50	70.45 3.84 -1.50	69.11 3.71 -0.36	73.94 4.45 -2.09	86.08 5.75 -2.64	102.58 7.98 -5.91	102.47 7.54 -8.28	95.15 7.10 -6.48	89.21 6.59 -4.21	82.82 5.93 -3.62	72.83 5.33 -1.64	71.75 5.02 -1.49
ERIE_ST__34_KV_TB1-2 80199	63.22 -2.16 0.00	61.93 -2.92 0.00	61.74 -3.11 0.00	61.81 -2.84 0.00	61.55 -3.04 0.00	60.77 -3.95 0.00	60.30 -4.68 0.00	60.57 -4.28 0.00	61.60 -3.65 0.00	64.96 -2.43 0.00	66.68 -2.78 0.00	62.51 -3.01 0.00	60.68 -4.50 0.00	60.88 -4.23 0.00	60.49 -4.55 0.00	64.03 -3.37 0.00	73.26 -4.43 0.00	83.99 -4.70 0.00	81.28 -5.37 0.00	77.25 -4.32 0.00	74.26 -4.16 0.00	70.33 -2.93 0.00	64.34 -1.51 0.00	63.02 -2.22 0.00
ERIE_WT_PWR 323693	62.96 -2.42 0.00	61.67 -3.18 0.00	61.41 -3.44 0.00	61.49 -3.17 0.00	61.23 -3.36 0.00	61.74 -2.98 0.00	61.73 -3.25 0.00	59.99 -4.86 0.00	60.81 -4.44 0.00	64.15 -3.23 0.00	65.84 -3.61 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.58 -5.46 0.00	63.15 -4.24 0.00	72.18 -5.51 0.00	82.65 -6.03 0.00	80.06 -6.59 0.00	76.02 -5.55 0.00	73.23 -5.18 0.00	69.37 -3.88 0.00	63.49 -2.37 0.00	62.44 -2.80 0.00
ESPRGFLD_115KV_TB1 80157	71.43 3.53 -2.52	68.09 3.24 0.00	68.09 3.24 0.00	67.76 3.10 0.00	67.69 3.10 0.00	67.63 2.91 0.00	68.16 3.18 0.00	70.16 3.50 -1.81	81.30 3.78 -12.26	108.41 4.04 -36.98	111.35 3.96 -37.93	87.67 3.47 -18.67	84.81 3.39 -16.25	84.74 3.32 -16.31	72.13 3.19 -3.90	93.73 3.64 -22.69	110.96 4.58 -28.69	158.78 5.76 -64.33	182.17 5.55 -89.97	157.28 5.22 -70.49	129.18 4.94 -45.83	117.17 4.47 -39.44	87.61 3.89 -17.87	84.94 3.52 -16.18
ETNA_115_KV_TB1_REV_LBMP_C 345029	66.15 0.65 -0.11	65.17 0.32 0.00	65.04 0.19 0.00	64.85 0.19 0.00	64.78 0.19 0.00	64.72 0.00 0.00	64.98 0.00 0.00	65.13 0.19 -0.08	66.39 0.59 -0.55	69.92 0.88 -1.65	72.06 0.90 -1.70	66.95 0.59 -0.84	65.97 0.07 -0.73	65.90 0.07 -0.73	65.28 0.07 -0.17	69.02 0.61 -1.02	79.90 0.93 -1.27	93.05 1.51 -2.86	92.04 1.39 -4.00	86.01 1.31 -3.13	81.62 1.18 -2.03	76.03 1.03 -1.75	67.70 1.05 -0.79	66.61 0.65 -0.72
ETNA____115KV_TB2 80207	66.15 0.65 -0.11	65.17 0.32 0.00	65.04 0.19 0.00	64.85 0.19 0.00	64.78 0.19 0.00	64.72 0.00 0.00	64.98 0.00 0.00	65.13 0.19 -0.08	66.39 0.59 -0.55	69.92 0.88 -1.65	72.06 0.90 -1.70	66.95 0.59 -0.84	65.97 0.07 -0.73	65.90 0.07 -0.73	65.28 0.07 -0.17	69.02 0.61 -1.02	79.90 0.93 -1.27	93.05 1.51 -2.86	92.04 1.39 -4.00	86.01 1.31 -3.13	81.62 1.18 -2.03	76.03 1.03 -1.75	67.70 1.05 -0.79	66.61 0.65 -0.72
EUCLID____115KV_TB2 356179	63.29 -2.09 0.00	62.52 -2.33 0.00	62.45 -2.40 0.00	62.26 -2.39 0.00	62.20 -2.39 0.00	62.13 -2.59 0.00	62.32 -2.66 0.00	62.39 -2.46 0.00	63.10 -2.15 0.00	65.43 -1.95 0.00	67.51 -1.94 0.00	63.56 -1.97 0.00	62.83 -2.35 0.00	62.77 -2.34 0.00	62.70 -2.34 0.00	65.38 -2.02 0.00	75.44 -2.25 0.00	86.20 -2.48 0.00	84.14 -2.51 0.00	79.21 -2.37 0.00	76.22 -2.20 0.00	71.21 -2.05 0.00	64.15 -1.71 0.00	63.28 -1.96 0.00
E_CANADA_CAP_HY 24051	73.56 4.91 -3.27	69.45 4.60 0.00	69.45 4.60 0.00	69.18 4.52 0.00	69.04 4.45 0.00	69.12 4.40 0.00	69.86 4.88 0.00	72.06 4.87 -2.35	86.18 5.02 -15.91	120.54 5.19 -47.97	123.66 5.00 -49.20	94.20 4.46 -24.22	90.81 4.56 -21.07	90.82 4.56 -21.15	74.77 4.48 -5.24	101.82 4.99 -29.44	122.30 6.14 -38.47	181.35 7.53 -85.13	212.16 7.36 -118.14	181.30 6.93 -92.80	145.50 6.50 -60.58	131.05 5.93 -51.86	94.23 5.20 -23.18	91.05 4.83 -20.98
E_CANADA_MHWK_HY 24050	66.62 1.24 0.00	66.08 1.23 0.00	66.21 1.36 0.00	66.33 1.68 0.00	66.91 2.32 0.00	67.76 3.04 0.00	68.49 3.51 0.00	68.54 3.69 0.00	69.30 4.05 0.00	71.70 4.32 0.00	73.70 4.24 0.00	69.13 3.60 0.00	68.11 2.94 0.00	67.52 2.41 0.00	67.13 2.08 0.00	69.35 1.96 0.00	79.95 2.25 0.00	91.97 3.28 0.00	90.12 3.47 0.00	85.16 3.59 0.00	82.10 3.69 0.00	76.92 3.66 0.00	68.82 2.97 0.00	67.72 2.48 0.00
E_FISHKILL____LBMP 23776	68.82 3.07 -0.37	67.38 2.53 0.00	67.44 2.59 0.00	66.85 2.20 0.00	66.79 2.20 0.00	66.86 2.14 0.00	67.32 2.34 0.00	67.84 2.72 -0.26	70.09 3.07 -1.77	76.11 3.37 -5.35	78.42 3.47 -5.49	71.64 3.41 -2.70	70.78 3.26 -2.35	70.72 3.26 -2.36	69.91 3.19 -1.68	74.25 3.57 -3.28	93.89 4.27 -11.92	113.44 5.06 -19.69	113.70 5.11 -21.93	105.01 4.81 -18.62	96.65 4.63 -13.62	87.51 4.25 -10.00	72.00 3.56 -2.58	70.39 2.81 -2.34
FALCON____SEABRD_CC1 323796	67.21 1.83 0.00	67.18 2.33 0.00	67.12 2.27 0.00	67.11 2.46 0.00	67.11 2.52 0.00	67.18 2.46 0.00	66.54 1.56 0.00	66.60 1.75 0.00	66.68 1.43 0.00	68.53 1.14 0.00	70.50 1.04 0.00	66.57 1.05 0.00	66.68 1.50 0.00	66.54 1.43 0.00	66.54 1.50 0.00	68.47 1.08 0.00	78.78 1.09 0.00	89.39 0.71 0.00	87.26 0.61 0.00	81.90 0.33 0.00	78.41 0.00 0.00	72.97 -0.29 0.00	65.40 -0.46 0.00	66.03 0.79 0.00

FALCON___SEABRD_CC2 323797	67.21 1.83 0.00	67.18 2.33 0.00	67.12 2.27 0.00	67.11 2.46 0.00	67.11 2.52 0.00	67.18 2.46 0.00	66.54 1.56 0.00	66.60 1.75 0.00	66.68 1.43 0.00	68.53 1.14 0.00	70.50 1.04 0.00	66.57 1.05 0.00	66.68 1.50 0.00	66.54 1.43 0.00	66.54 1.50 0.00	68.47 1.08 0.00	78.78 1.09 0.00	89.39 0.71 0.00	87.26 0.61 0.00	81.90 0.33 0.00	78.41 0.00 0.00	72.97 -0.29 0.00	65.40 -0.46 0.00	66.03 0.79 0.00
FAR ROCKAWAY___4 23548	94.26 4.97 -23.91	89.12 4.34 -19.92	87.16 4.41 -17.90	86.99 3.94 -18.39	86.93 3.88 -18.46	77.84 3.88 -9.24	85.89 4.09 -16.82	89.12 4.54 -19.73	89.12 4.89 -18.98	137.79 5.39 -65.01	108.35 5.49 -33.41	129.86 5.31 -59.03	108.31 5.21 -37.92	106.35 5.14 -36.09	111.62 5.07 -41.50	144.68 5.32 -71.96	148.53 6.29 -64.55	158.98 7.45 -62.84	167.64 7.45 -73.54	157.52 7.02 -68.94	155.85 6.74 -70.69	148.44 6.30 -68.88	141.06 5.27 -69.94	129.00 4.63 -59.12
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	69.19 3.47 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.07	78.48 3.82 -5.20	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.31 4.89 -15.72	118.95 5.68 -24.59	118.32 5.81 -25.86	109.49 5.47 -22.45	100.55 5.25 -16.89	90.09 4.91 -11.93	72.33 4.02 -2.45	70.53 3.07 -2.22
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	69.26 3.53 -0.35	67.70 2.85 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.21 3.11 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.07	78.55 3.89 -5.20	71.89 3.80 -2.56	71.12 3.71 -2.23	71.06 3.71 -2.24	70.92 3.64 -2.23	74.62 4.11 -3.11	98.31 4.89 -15.72	118.95 5.68 -24.59	118.32 5.81 -25.86	109.49 5.47 -22.45	100.55 5.25 -16.89	90.09 4.91 -11.93	72.33 4.02 -2.45	70.53 3.07 -2.22
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	69.19 3.47 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.92 2.33 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.17 3.71 -5.07	78.48 3.82 -5.20	71.82 3.74 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.23 4.82 -15.72	118.86 5.59 -24.59	118.24 5.72 -25.86	109.41 5.38 -22.45	100.47 5.18 -16.89	90.24 5.05 -11.93	72.26 3.95 -2.45	70.53 3.07 -2.22
FARRAGUT___LBMP 323566	69.13 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.41 3.75 -5.20	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.16 4.74 -15.72	118.86 5.59 -24.59	118.24 5.72 -25.86	109.41 5.38 -22.45	100.47 5.18 -16.89	89.95 4.76 -11.93	72.26 3.95 -2.45	70.46 3.00 -2.22
FENNER___WINDPWR 24204	66.56 1.18 0.00	65.82 0.97 0.00	65.76 0.91 0.00	65.56 0.90 0.00	65.49 0.90 0.00	65.75 1.03 0.00	66.08 1.10 0.00	65.88 1.03 0.00	66.55 1.30 0.00	68.94 1.55 0.00	71.12 1.66 0.00	66.90 1.38 0.00	66.21 1.04 0.00	66.15 1.04 0.00	66.02 0.98 0.00	68.68 1.28 0.00	79.25 1.55 0.00	90.73 2.04 0.00	88.48 1.82 0.00	83.29 1.72 0.00	80.06 1.65 0.00	74.80 1.54 0.00	67.24 1.39 0.00	66.42 1.18 0.00
FIBERTEK___ENERGY 23856	63.68 -1.70 0.00	62.90 -1.95 0.00	62.84 -2.01 0.00	62.65 -2.00 0.00	62.52 -2.07 0.00	62.52 -2.20 0.00	62.71 -2.27 0.00	62.77 -2.08 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	64.02 -1.51 0.00	63.28 -1.89 0.00	63.22 -1.89 0.00	63.16 -1.89 0.00	65.85 -1.55 0.00	75.98 -1.71 0.00	86.83 -1.86 0.00	84.83 -1.82 0.00	79.86 -1.71 0.00	76.76 -1.65 0.00	71.72 -1.54 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
FITZPATRICK____ 23598	62.70 -2.68 0.00	62.00 -2.85 0.00	61.93 -2.92 0.00	61.81 -2.84 0.00	61.68 -2.91 0.00	61.94 -2.78 0.00	62.25 -2.73 0.00	61.93 -2.92 0.00	62.51 -2.74 0.00	64.76 -2.63 0.00	66.82 -2.64 0.00	62.90 -2.62 0.00	62.31 -2.87 0.00	62.18 -2.93 0.00	62.12 -2.93 0.00	64.70 -2.70 0.00	74.50 -3.19 0.00	85.05 -3.64 0.00	83.10 -3.56 0.00	78.31 -3.27 0.00	75.27 -3.14 0.00	70.40 -2.86 0.00	63.36 -2.50 0.00	62.56 -2.68 0.00
FLOWRFLD_69_KV_BK1 356044	94.98 5.69 -23.91	89.83 5.06 -19.92	87.81 5.06 -17.90	87.70 4.66 -18.39	87.64 4.59 -18.46	78.36 4.40 -9.24	86.54 4.74 -16.82	89.90 5.32 -19.73	89.97 5.74 -18.98	138.73 6.33 -65.01	109.26 6.39 -33.41	130.78 6.23 -59.03	109.16 6.06 -37.92	107.13 5.93 -36.09	112.59 6.05 -41.50	146.10 6.74 -71.96	194.66 7.77 -109.19	245.19 8.96 -147.54	306.57 9.01 -210.90	240.98 8.40 -151.01	275.10 8.08 -188.62	149.78 7.55 -68.98	142.31 6.52 -69.94	129.91 5.55 -59.12
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	69.46 3.73 -0.36	67.96 3.11 0.00	68.09 3.24 0.00	67.50 2.84 0.00	67.37 2.78 0.00	67.44 2.72 0.00	67.77 2.79 0.00	68.22 3.11 -0.26	70.44 3.46 -1.73	76.52 3.91 -5.22	78.78 3.96 -5.36	72.03 3.87 -2.64	71.25 3.78 -2.30	71.06 3.65 -2.30	69.50 3.64 -0.81	74.72 4.11 -3.21	88.47 4.89 -5.88	106.08 5.85 -11.54	107.36 5.89 -14.82	99.06 5.55 -11.94	91.94 5.41 -8.12	84.75 4.91 -6.58	72.53 4.15 -2.52	70.92 3.39 -2.29
FORT ORANGE____ 23900	70.19 3.01 -1.81	67.64 2.79 0.00	67.70 2.85 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.31 2.59 0.00	67.19 2.21 0.00	68.28 2.14 -1.29	76.31 2.28 -8.77	96.26 2.42 -26.45	99.09 2.50 -27.13	81.31 2.43 -13.36	79.08 2.28 -11.62	79.05 2.28 -11.66	70.47 2.34 -3.09	86.26 2.63 -16.23	103.24 2.95 -22.59	140.66 3.19 -48.79	156.50 3.11 -66.73	137.17 2.93 -52.67	116.04 2.98 -34.65	105.47 2.85 -29.36	81.28 2.64 -12.78	79.62 2.80 -11.57
FORT_DRUM_COGEN 23780	67.47 2.09 0.00	66.86 2.01 0.00	66.60 1.75 0.00	66.53 1.87 0.00	66.53 1.94 0.00	66.60 1.88 0.00	66.80 1.82 0.00	66.80 1.95 0.00	67.60 2.35 0.00	69.88 2.49 0.00	72.03 2.57 0.00	67.75 2.23 0.00	67.13 1.96 0.00	66.93 1.82 0.00	66.87 1.82 0.00	69.42 2.02 0.00	80.26 2.56 0.00	92.24 3.55 0.00	89.77 3.12 0.00	84.51 2.94 0.00	81.23 2.82 0.00	75.97 2.71 0.00	68.23 2.37 0.00	67.52 2.28 0.00
FOX_HILLS___ESR 323835	69.45 3.73 -0.35	67.70 2.85 0.00	67.83 2.98 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.92 2.20 0.00	67.38 2.40 0.00	67.95 2.85 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.08	78.35 3.68 -5.21	71.76 3.67 -2.56	70.99 3.58 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.56 4.04 -3.11	98.44 4.97 -15.77	122.13 5.94 -27.50	121.28 6.24 -28.39	123.17 5.79 -35.80	110.87 5.49 -26.97	90.23 5.05 -11.92	72.39 4.08 -2.45	70.59 3.13 -2.22
FPL FAR_ROCK_GT1 24212	94.34 5.03 -23.92	89.13 4.35 -19.93	87.17 4.41 -17.91	87.00 3.94 -18.40	86.94 3.88 -18.47	78.05 4.08 -9.25	86.16 4.35 -16.82	89.12 4.54 -19.74	89.13 4.90 -18.98	137.80 5.39 -65.02	108.36 5.49 -33.42	129.87 5.31 -59.04	108.32 5.22 -37.93	106.35 5.14 -36.10	111.63 5.08 -41.51	144.69 5.32 -71.97	148.54 6.29 -64.55	158.89 7.36 -62.85	167.65 7.45 -73.54	157.53 7.02 -68.95	155.86 6.74 -70.70	148.45 6.30 -68.89	141.07 5.27 -69.94	129.07 4.70 -59.13

FPL FAR_ROCK_GT2 23815	94.34 5.03 -23.92	89.13 4.35 -19.93	87.17 4.41 -17.91	87.00 3.94 -18.40	86.94 3.88 -18.47	78.05 4.08 -9.25	86.16 4.35 -16.82	89.12 4.54 -19.74	89.13 4.90 -18.98	137.80 5.39 -65.02	108.36 5.49 -33.42	129.87 5.31 -59.04	108.32 5.22 -37.93	106.35 5.14 -36.10	111.63 5.08 -41.51	144.69 5.32 -71.97	148.54 6.29 -64.55	158.89 7.36 -62.85	167.65 7.45 -73.54	157.53 7.02 -68.95	155.86 6.74 -70.70	148.45 6.30 -68.89	141.07 5.27 -69.94	129.07 4.70 -59.13
FRANKLIN_FALL_HYD 24054	67.41 2.03 0.00	67.51 2.66 0.00	67.31 2.46 0.00	67.37 2.72 0.00	67.43 2.84 0.00	67.89 3.17 0.00	67.97 2.99 0.00	67.44 2.59 0.00	67.53 2.28 0.00	69.34 1.95 0.00	71.40 1.94 0.00	67.36 1.83 0.00	67.46 2.28 0.00	67.26 2.15 0.00	67.26 2.21 0.00	69.22 1.82 0.00	79.56 1.86 0.00	90.02 1.33 0.00	87.87 1.21 0.00	82.55 0.98 0.00	79.12 0.71 0.00	73.92 0.66 0.00	66.38 0.53 0.00	66.54 1.30 0.00
FREEPORT_EQUS_GT1 23764	93.88 4.58 -23.92	88.74 3.96 -19.93	86.78 4.02 -17.91	86.55 3.49 -18.40	86.55 3.49 -18.47	77.59 3.62 -9.25	85.77 3.96 -16.82	88.74 4.15 -19.74	88.73 4.50 -18.98	137.05 4.65 -65.02	107.60 4.73 -33.42	129.15 4.59 -59.04	107.60 4.49 -37.93	105.64 4.43 -36.10	110.98 4.43 -41.51	144.28 4.92 -71.97	148.15 5.90 -64.55	158.46 6.92 -62.85	167.21 7.02 -73.54	157.12 6.60 -68.95	155.46 6.35 -70.70	148.01 5.86 -68.89	140.68 4.87 -69.94	128.35 3.98 -59.13
FREEPORT___CT2 23818	93.88 4.58 -23.92	88.74 3.96 -19.93	86.78 4.02 -17.91	86.55 3.49 -18.40	86.55 3.49 -18.47	77.59 3.62 -9.25	85.77 3.96 -16.82	88.74 4.15 -19.74	88.73 4.50 -18.98	137.05 4.65 -65.02	107.60 4.73 -33.42	129.15 4.59 -59.04	107.60 4.49 -37.93	105.64 4.43 -36.10	110.98 4.43 -41.51	144.28 4.92 -71.97	148.15 5.90 -64.55	158.46 6.92 -62.85	167.21 7.02 -73.54	157.12 6.60 -68.95	155.46 6.35 -70.70	148.01 5.86 -68.89	140.68 4.87 -69.94	128.35 3.98 -59.13
FRESHKLS_33_KV_LOAD 356253	69.19 3.47 -0.35	67.51 2.66 0.00	67.64 2.79 0.00	65.42 2.13 1.37	65.42 2.07 1.24	66.66 1.94 0.00	67.12 2.14 0.00	67.76 2.66 -0.25	70.00 3.07 -1.68	75.90 3.44 -5.08	78.07 3.40 -5.21	65.36 3.41 3.57	70.79 3.39 -2.23	70.67 3.32 -2.24	70.59 3.32 -2.23	74.29 3.77 -3.11	98.20 4.74 -15.77	121.95 5.76 -27.50	121.02 5.98 -28.39	123.00 5.63 -35.80	110.72 5.33 -26.97	90.09 4.91 -11.92	72.20 3.89 -2.45	70.33 2.87 -2.22
FULTON COGEN____ 23766	63.29 -2.09 0.00	62.52 -2.33 0.00	62.45 -2.40 0.00	62.26 -2.39 0.00	62.20 -2.39 0.00	62.13 -2.59 0.00	62.32 -2.66 0.00	62.39 -2.46 0.00	63.10 -2.15 0.00	65.43 -1.95 0.00	67.58 -1.88 0.00	63.63 -1.90 0.00	62.89 -2.28 0.00	62.83 -2.28 0.00	62.77 -2.28 0.00	65.44 -1.95 0.00	75.52 -2.18 0.00	86.29 -2.39 0.00	84.23 -2.43 0.00	79.29 -2.28 0.00	76.29 -2.12 0.00	71.28 -1.98 0.00	64.21 -1.65 0.00	63.28 -1.96 0.00
FULTON___LFGE 323630	74.33 5.36 -3.59	69.91 5.06 0.00	69.97 5.12 0.00	69.70 5.05 0.00	69.56 4.97 0.00	69.51 4.79 0.00	70.31 5.33 0.00	72.74 5.32 -2.57	88.08 5.41 -17.42	125.50 5.59 -52.53	128.89 5.56 -53.87	97.09 5.05 -26.52	93.27 5.02 -23.07	93.35 5.08 -23.16	75.88 5.08 -5.76	105.09 5.46 -32.23	126.65 6.68 -42.28	190.10 7.99 -93.42	224.00 7.80 -129.55	190.78 7.42 -101.78	151.86 6.98 -66.48	136.50 6.37 -56.87	96.90 5.66 -25.38	93.57 5.35 -22.98
G.F.CEMENT___DRP 24184	74.61 5.62 -3.60	70.17 5.32 0.00	70.23 5.38 0.00	69.96 5.30 0.00	69.82 5.23 0.00	69.64 4.92 0.00	70.24 5.26 0.00	73.01 5.58 -2.59	88.50 5.74 -17.51	126.39 6.20 -52.81	130.01 6.39 -54.16	98.09 5.90 -26.66	93.98 5.61 -23.20	93.99 5.60 -23.28	76.44 5.53 -5.87	105.67 5.86 -32.41	127.47 6.76 -43.01	191.19 7.89 -94.60	225.27 7.80 -130.82	191.79 7.34 -102.88	152.68 6.98 -67.29	137.31 6.59 -57.46	97.23 5.86 -25.51	93.89 5.55 -23.10
GARDENVILLE___LBMP 24039	62.50 -2.88 0.00	61.22 -3.63 0.00	61.02 -3.83 0.00	61.10 -3.56 0.00	60.84 -3.75 0.00	60.06 -4.66 0.00	59.46 -5.52 0.00	59.60 -5.25 0.00	60.62 -4.63 0.00	63.95 -3.44 0.00	65.64 -3.82 0.00	61.53 -4.00 0.00	59.64 -5.54 0.00	59.90 -5.21 0.00	59.45 -5.59 0.00	62.95 -4.45 0.00	71.94 -5.75 0.00	82.39 -6.30 0.00	79.81 -6.85 0.00	75.78 -5.79 0.00	73.00 -5.41 0.00	69.16 -4.10 0.00	63.29 -2.57 0.00	62.17 -3.07 0.00
GARDNVLA_35_KV_LD 355827	62.76 -2.62 0.00	61.48 -3.37 0.00	61.22 -3.63 0.00	61.36 -3.30 0.00	61.04 -3.55 0.00	60.25 -4.47 0.00	59.72 -5.26 0.00	59.86 -4.99 0.00	60.81 -4.44 0.00	64.22 -3.17 0.00	65.92 -3.54 0.00	61.79 -3.74 0.00	59.90 -5.28 0.00	60.16 -4.95 0.00	59.71 -5.33 0.00	63.29 -4.11 0.00	72.33 -5.36 0.00	82.83 -5.85 0.00	80.15 -6.50 0.00	76.19 -5.38 0.00	73.31 -5.10 0.00	69.52 -3.74 0.00	63.62 -2.24 0.00	62.50 -2.74 0.00
GELCKHM___115KV_LOAD 80723	63.42 -1.96 0.00	62.65 -2.20 0.00	62.58 -2.27 0.00	62.39 -2.26 0.00	62.33 -2.26 0.00	62.26 -2.46 0.00	62.45 -2.53 0.00	62.52 -2.33 0.00	63.23 -2.02 0.00	65.57 -1.82 0.00	67.72 -1.74 0.00	63.69 -1.83 0.00	62.96 -2.22 0.00	62.96 -2.15 0.00	62.83 -2.21 0.00	65.58 -1.82 0.00	75.60 -2.10 0.00	86.38 -2.31 0.00	84.40 -2.25 0.00	79.45 -2.12 0.00	76.45 -1.96 0.00	71.43 -1.83 0.00	64.34 -1.51 0.00	63.41 -1.83 0.00
GENERAL___MILLS 23808	62.70 -2.68 0.00	61.35 -3.50 0.00	61.15 -3.70 0.00	61.29 -3.36 0.00	60.97 -3.62 0.00	60.19 -4.53 0.00	59.65 -5.33 0.00	59.79 -5.06 0.00	60.75 -4.50 0.00	64.09 -3.30 0.00	65.85 -3.61 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.65 -5.40 0.00	63.15 -4.25 0.00	72.18 -5.52 0.00	82.66 -6.03 0.00	80.07 -6.59 0.00	76.02 -5.55 0.00	73.24 -5.18 0.00	69.38 -3.88 0.00	63.49 -2.37 0.00	62.37 -2.87 0.00
GE_PLASTICS___DRP 24183	69.16 2.35 -1.43	66.99 2.14 0.00	67.05 2.20 0.00	66.66 2.00 0.00	66.53 1.94 0.00	66.53 1.81 0.00	66.86 1.88 0.00	67.89 2.01 -1.03	74.36 2.15 -6.95	90.72 2.36 -20.97	93.40 2.43 -21.51	78.47 2.36 -10.59	76.60 2.22 -9.21	76.57 2.21 -9.25	69.76 2.21 -2.50	82.76 2.49 -12.87	98.87 2.87 -18.30	131.08 3.19 -39.20	143.12 3.12 -53.35	126.77 3.02 -42.18	109.21 2.98 -27.82	99.61 2.86 -23.49	78.49 2.50 -10.13	76.63 2.22 -9.17
GILBOA___1 23756	67.49 1.90 -0.21	66.40 1.55 0.00	66.40 1.55 0.00	66.02 1.36 0.00	65.95 1.36 0.00	66.14 1.42 0.00	66.54 1.56 0.00	66.63 1.62 -0.15	68.11 1.82 -1.04	72.53 2.02 -3.13	74.75 2.08 -3.21	69.07 1.96 -1.58	68.37 1.82 -1.37	68.31 1.82 -1.38	67.19 1.82 -0.33	71.41 2.09 -1.92	82.60 2.49 -2.42	97.05 2.92 -5.44	97.21 2.95 -7.60	90.30 2.77 -5.96	84.95 2.67 -3.87	79.08 2.49 -3.33	69.47 2.11 -1.51	68.30 1.69 -1.37
GILBOA___2 23757	67.49 1.90 -0.21	66.40 1.55 0.00	66.40 1.55 0.00	66.02 1.36 0.00	65.95 1.36 0.00	66.14 1.42 0.00	66.54 1.56 0.00	66.63 1.62 -0.15	68.11 1.82 -1.04	72.53 2.02 -3.13	74.75 2.08 -3.21	69.07 1.96 -1.58	68.37 1.82 -1.37	68.31 1.82 -1.38	67.19 1.82 -0.33	71.41 2.09 -1.92	82.60 2.49 -2.42	97.05 2.92 -5.44	97.21 2.95 -7.60	90.30 2.77 -5.96	84.95 2.67 -3.87	79.08 2.49 -3.33	69.47 2.11 -1.51	68.30 1.69 -1.37

GOODYEAR_LAKE_HYD 323669	69.16 2.68 -1.10	67.25 2.40 0.00	67.18 2.33 0.00	66.85 2.20 0.00	66.79 2.20 0.00	66.79 2.07 0.00	67.19 2.21 0.00	68.17 2.53 -0.79	73.49 2.87 -5.36	86.73 3.17 -16.18	89.25 3.20 -16.59	76.51 2.82 -8.17	74.89 2.61 -7.11	74.72 2.47 -7.13	69.16 2.41 -1.71	80.09 2.76 -9.93	93.66 3.42 -12.55	121.26 4.43 -28.13	130.25 4.25 -39.35	116.40 4.00 -30.83	102.22 3.76 -20.04	93.95 3.44 -17.25	76.64 2.96 -7.81	74.92 2.61 -7.07
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	65.40 -0.13 -0.16	64.33 -0.52 0.00	64.27 -0.58 0.00	64.07 -0.58 0.00	63.94 -0.65 0.00	63.81 -0.91 0.00	63.94 -1.04 0.00	64.18 -0.78 -0.11	65.55 -0.46 -0.75	69.59 -0.07 -2.27	71.72 -0.07 -2.33	66.41 -0.26 -1.15	65.39 -0.78 -1.00	65.40 -0.72 -1.00	64.44 -0.85 -0.24	68.52 -0.27 -1.40	79.22 -0.23 -1.76	92.63 0.00 -3.94	92.00 -0.17 -5.52	85.81 -0.08 -4.32	81.14 -0.08 -2.81	75.68 0.00 -2.42	67.15 0.20 -1.09	66.04 -0.20 -0.99
GOUDEY___7 23579	65.40 -0.13 -0.16	64.33 -0.52 0.00	64.27 -0.58 0.00	64.07 -0.58 0.00	63.94 -0.65 0.00	63.81 -0.91 0.00	63.94 -1.04 0.00	64.18 -0.78 -0.11	65.55 -0.46 -0.75	69.59 -0.07 -2.27	71.72 -0.07 -2.33	66.41 -0.26 -1.15	65.39 -0.78 -1.00	65.40 -0.72 -1.00	64.44 -0.85 -0.24	68.52 -0.27 -1.40	79.22 -0.23 -1.76	92.63 0.00 -3.94	92.00 -0.17 -5.52	85.81 -0.08 -4.32	81.14 -0.08 -2.81	75.68 0.00 -2.42	67.15 0.20 -1.09	66.04 -0.20 -0.99
GOUDEY___8 23580	65.40 -0.13 -0.16	64.33 -0.52 0.00	64.27 -0.58 0.00	64.07 -0.58 0.00	63.94 -0.65 0.00	63.81 -0.91 0.00	63.94 -1.04 0.00	64.18 -0.78 -0.11	65.55 -0.46 -0.75	69.59 -0.07 -2.27	71.72 -0.07 -2.33	66.41 -0.26 -1.15	65.39 -0.78 -1.00	65.40 -0.72 -1.00	64.44 -0.85 -0.24	68.52 -0.27 -1.40	79.22 -0.23 -1.76	92.63 0.00 -3.94	92.00 -0.17 -5.52	85.81 -0.08 -4.32	81.14 -0.08 -2.81	75.68 0.00 -2.42	67.15 0.20 -1.09	66.04 -0.20 -0.99
GOWANUS_GT1_1 24077	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_2 24078	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_3 24079	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_4 24080	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_5 24084	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_6 24111	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_7 24112	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT1_8 24113	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT2_1 24114	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT2_2 24115	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT2_3 24116	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22

GOWANUS_GT2_4 24117	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT2_5 24118	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT2_6 24119	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT2_7 24120	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT2_8 24121	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_1 24122	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_2 24123	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_3 24124	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_4 24125	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_5 24126	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_6 24127	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_7 24128	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT3_8 24129	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
GOWANUS_GT4_1 24130	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22
GOWANUS_GT4_2 24131	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22

HILLBURN___GT 23639	68.18 2.48 -0.32	66.73 1.88 0.00	66.79 1.94 0.00	66.20 1.55 0.00	66.08 1.49 0.00	66.34 1.62 0.00	66.87 1.89 0.00	67.15 2.07 -0.23	69.12 2.35 -1.53	74.69 2.70 -4.61	76.97 2.78 -4.73	70.54 2.69 -2.33	69.87 2.67 -2.02	69.68 2.54 -2.03	65.82 2.53 1.76	73.12 2.90 -2.83	69.14 3.50 12.05	80.07 4.26 12.87	84.30 4.33 6.69	77.50 4.08 8.15	73.99 3.92 8.34	73.13 3.59 3.72	70.98 2.89 -2.23	69.41 2.15 -2.02
HILLSIDE_115KV_TB1 80332	64.13 -1.37 -0.12	63.03 -1.82 0.00	62.84 -2.01 0.00	62.72 -1.94 0.00	62.59 -2.00 0.00	62.33 -2.39 0.00	62.32 -2.66 0.00	62.54 -2.40 -0.09	63.81 -2.02 -0.59	67.67 -1.48 -1.77	69.68 -1.60 -1.81	64.58 -1.83 -0.89	63.28 -2.67 -0.78	63.35 -2.54 -0.78	62.50 -2.73 -0.19	66.46 -2.02 -1.09	76.80 -2.25 -1.36	89.43 -2.31 -3.05	88.50 -2.43 -4.27	82.79 -2.12 -3.34	78.46 -2.12 -2.17	73.44 -1.68 -1.87	65.58 -1.12 -0.85	64.37 -1.63 -0.77
HISHELDN_WT_PWR 323625	63.04 -2.42 -0.08	61.74 -3.11 0.00	61.48 -3.37 0.00	61.55 -3.10 0.00	61.23 -3.36 0.00	61.68 -3.04 0.00	61.67 -3.31 0.00	60.18 -4.73 -0.06	61.28 -4.37 -0.40	65.23 -3.37 -1.21	66.95 -3.75 -1.24	62.07 -4.06 -0.61	60.23 -5.47 -0.53	60.37 -5.27 -0.53	59.51 -5.66 -0.13	63.62 -4.51 -0.74	73.04 -5.59 -0.94	84.67 -6.12 -2.10	83.09 -6.50 -2.94	78.32 -5.55 -2.30	74.66 -5.25 -1.50	70.45 -4.10 -1.29	63.81 -2.64 -0.58	62.70 -3.07 -0.53
HOLTSVILLE_IC_1 23690	94.73 5.42 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.30 4.34 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.34 5.93 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.74 5.53 -36.10	112.21 5.66 -41.51	145.70 6.33 -71.97	181.76 7.07 -97.00	221.52 8.43 -124.40	268.34 8.32 -173.37	217.99 7.83 -128.59	242.34 7.53 -156.40	149.10 6.88 -68.96	141.93 6.13 -69.94	129.53 5.15 -59.13
HOLTSVILLE_IC_10 23699	95.06 5.75 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.77 4.72 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.96 5.38 -19.74	89.98 5.74 -18.98	138.74 6.33 -65.02	109.26 6.39 -33.42	130.79 6.23 -59.04	109.17 6.06 -37.93	107.13 5.92 -36.10	112.60 6.05 -41.51	146.10 6.74 -71.97	185.04 7.62 -99.73	227.31 9.05 -129.58	277.34 8.93 -181.76	223.57 8.40 -133.60	250.09 8.08 -163.60	149.62 7.40 -68.96	142.32 6.52 -69.94	129.98 5.61 -59.13
HOLTSVILLE_IC_2 23691	94.73 5.42 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.30 4.34 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.34 5.93 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.74 5.53 -36.10	112.21 5.66 -41.51	145.70 6.33 -71.97	181.76 7.07 -97.00	221.52 8.43 -124.40	268.34 8.32 -173.37	217.99 7.83 -128.59	242.34 7.53 -156.40	149.10 6.88 -68.96	141.93 6.13 -69.94	129.53 5.15 -59.13
HOLTSVILLE_IC_3 23692	94.73 5.42 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.30 4.34 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.34 5.93 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.74 5.53 -36.10	112.21 5.66 -41.51	145.70 6.33 -71.97	181.76 7.07 -97.00	221.52 8.43 -124.40	268.34 8.32 -173.37	217.99 7.83 -128.59	242.34 7.53 -156.40	149.10 6.88 -68.96	141.93 6.13 -69.94	129.53 5.15 -59.13
HOLTSVILLE_IC_4 23693	94.73 5.42 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.30 4.34 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.34 5.93 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.74 5.53 -36.10	112.21 5.66 -41.51	145.70 6.33 -71.97	181.76 7.07 -97.00	221.52 8.43 -124.40	268.34 8.32 -173.37	217.99 7.83 -128.59	242.34 7.53 -156.40	149.10 6.88 -68.96	141.93 6.13 -69.94	129.53 5.15 -59.13
HOLTSVILLE_IC_5 23694	94.73 5.42 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.30 4.34 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.34 5.93 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.74 5.53 -36.10	112.21 5.66 -41.51	145.70 6.33 -71.97	181.76 7.07 -97.00	221.52 8.43 -124.40	268.34 8.32 -173.37	217.99 7.83 -128.59	242.34 7.53 -156.40	149.10 6.88 -68.96	141.93 6.13 -69.94	129.53 5.15 -59.13
HOLTSVILLE_IC_6 23695	95.06 5.75 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.77 4.72 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.96 5.38 -19.74	89.98 5.74 -18.98	138.74 6.33 -65.02	109.26 6.39 -33.42	130.79 6.23 -59.04	109.17 6.06 -37.93	107.13 5.92 -36.10	112.60 6.05 -41.51	146.10 6.74 -71.97	185.04 7.62 -99.73	227.31 9.05 -129.58	277.34 8.93 -181.76	223.57 8.40 -133.60	250.09 8.08 -163.60	149.62 7.40 -68.96	142.32 6.52 -69.94	129.98 5.61 -59.13
HOLTSVILLE_IC_7 23696	95.06 5.75 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.77 4.72 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.96 5.38 -19.74	89.98 5.74 -18.98	138.74 6.33 -65.02	109.26 6.39 -33.42	130.79 6.23 -59.04	109.17 6.06 -37.93	107.13 5.92 -36.10	112.60 6.05 -41.51	146.10 6.74 -71.97	185.04 7.62 -99.73	227.31 9.05 -129.58	277.34 8.93 -181.76	223.57 8.40 -133.60	250.09 8.08 -163.60	149.62 7.40 -68.96	142.32 6.52 -69.94	129.98 5.61 -59.13
HOLTSVILLE_IC_8 23697	95.06 5.75 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.77 4.72 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.96 5.38 -19.74	89.98 5.74 -18.98	138.74 6.33 -65.02	109.26 6.39 -33.42	130.79 6.23 -59.04	109.17 6.06 -37.93	107.13 5.92 -36.10	112.60 6.05 -41.51	146.10 6.74 -71.97	185.04 7.62 -99.73	227.31 9.05 -129.58	277.34 8.93 -181.76	223.57 8.40 -133.60	250.09 8.08 -163.60	149.62 7.40 -68.96	142.32 6.52 -69.94	129.98 5.61 -59.13
HOLTSVILLE_IC_9 23698	95.06 5.75 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.77 4.72 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.96 5.38 -19.74	89.98 5.74 -18.98	138.74 6.33 -65.02	109.26 6.39 -33.42	130.79 6.23 -59.04	109.17 6.06 -37.93	107.13 5.92 -36.10	112.60 6.05 -41.51	146.10 6.74 -71.97	185.04 7.62 -99.73	227.31 9.05 -129.58	277.34 8.93 -181.76	223.57 8.40 -133.60	250.09 8.08 -163.60	149.62 7.40 -68.96	142.32 6.52 -69.94	129.98 5.61 -59.13
HOMER_HL_115KV_TB2 355744	63.64 -1.83 -0.09	62.32 -2.53 0.00	62.19 -2.66 0.00	62.20 -2.46 0.00	61.88 -2.71 0.00	61.29 -3.43 0.00	60.95 -4.03 0.00	61.35 -3.57 -0.06	62.73 -2.94 -0.42	66.76 -1.89 -1.26	68.53 -2.22 -1.30	63.67 -2.49 -0.64	61.88 -3.85 -0.56	61.96 -3.71 -0.56	61.15 -4.03 -0.13	65.28 -2.90 -0.78	75.10 -3.57 -0.98	87.07 -3.81 -2.20	85.40 -4.33 -3.08	80.56 -3.43 -2.41	76.69 -3.29 -1.57	72.34 -2.27 -1.35	65.28 -1.19 -0.61	63.84 -1.96 -0.55
HOWARD_WT_PWR 323690	65.41 -0.07 -0.10	64.27 -0.58 0.00	64.01 -0.84 0.00	63.81 -0.84 0.00	63.49 -1.10 0.00	63.75 -0.97 0.00	63.81 -1.17 0.00	62.84 -2.08 -0.07	63.97 -1.76 -0.48	67.68 -1.15 -1.44	69.34 -1.59 -1.48	64.15 -2.10 -0.73	62.42 -3.39 -0.63	62.29 -3.45 -0.64	61.42 -3.77 -0.15	65.86 -2.42 -0.88	76.07 -2.72 -1.10	88.68 -2.48 -2.47	87.44 -2.69 -3.47	82.00 -2.28 -2.71	77.89 -2.28 -1.76	72.87 -1.91 -1.51	65.62 -0.92 -0.69	64.43 -1.44 -0.62

HQ_GEN_CEDARS 23644	65.97 0.59 0.00	66.08 1.23 0.00	66.02 1.17 0.00	66.08 1.42 0.00	66.08 1.49 0.00	66.40 1.68 0.00	66.60 1.62 0.00	66.02 1.17 0.00	65.90 0.65 0.00	67.59 0.20 0.00	69.67 0.21 0.00	65.79 0.26 0.00	65.83 0.65 0.00	65.83 0.72 0.00	65.83 0.78 0.00	67.60 0.20 0.00	77.77 0.08 0.00	88.16 -0.53 0.00	86.05 -0.61 0.00	81.00 -0.57 0.00	77.78 -0.63 0.00	72.89 -0.37 0.00	65.66 -0.20 0.00	65.76 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	65.90 0.52 0.00	66.02 1.17 0.00	65.95 1.10 0.00	66.02 1.36 0.00	66.01 1.42 0.00	65.95 1.23 0.00	65.96 0.98 0.00	65.95 1.10 0.00	65.90 0.65 0.00	67.59 0.20 0.00	69.67 0.21 0.00	65.79 0.26 0.00	65.83 0.65 0.00	65.83 0.72 0.00	65.83 0.78 0.00	67.60 0.20 0.00	77.77 0.08 0.00	88.16 -0.53 0.00	86.05 -0.60 0.00	81.00 -0.57 0.00	77.78 -0.63 0.00	72.89 -0.36 0.00	65.66 -0.20 0.00	65.76 0.52 0.00
HQ_GEN_IMPORT 323601	64.99 -0.39 0.00	64.98 0.13 0.00	64.98 0.13 0.00	64.98 0.32 0.00	64.98 0.39 0.00	64.98 0.26 0.00	64.98 0.00 0.00	64.98 0.13 0.00	64.99 -0.26 0.00	66.78 -0.61 0.00	68.76 -0.69 0.00	65.00 -0.53 0.00	64.98 -0.19 0.00	64.98 -0.13 0.00	64.98 -0.06 0.00	66.79 -0.61 0.00	76.99 -0.70 0.00	87.63 -1.06 0.00	85.62 -1.04 0.00	80.60 -0.98 0.00	77.39 -1.02 0.00	72.30 -0.95 0.00	65.00 -0.86 0.00	64.98 -0.26 0.00
HQ_GEN_WHEEL 23651	64.99 -0.39 0.00	64.98 0.13 0.00	64.98 0.13 0.00	64.98 0.32 0.00	64.98 0.39 0.00	64.98 0.26 0.00	64.98 0.00 0.00	64.98 0.13 0.00	64.99 -0.26 0.00	66.78 -0.61 0.00	68.76 -0.69 0.00	65.00 -0.53 0.00	64.98 -0.19 0.00	64.98 -0.13 0.00	64.98 -0.06 0.00	66.79 -0.61 0.00	76.99 -0.70 0.00	87.63 -1.06 0.00	85.62 -1.04 0.00	80.60 -0.98 0.00	77.39 -1.02 0.00	72.30 -0.95 0.00	65.00 -0.86 0.00	64.98 -0.26 0.00
HUDSON AVE_GT_3 23810	69.26 3.53 -0.35	67.70 2.85 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.07	78.55 3.89 -5.20	71.95 3.87 -2.56	71.18 3.78 -2.23	71.06 3.71 -2.24	70.98 3.71 -2.23	74.62 4.11 -3.11	98.31 4.89 -15.72	119.04 5.76 -24.59	118.41 5.89 -25.86	109.57 5.55 -22.45	100.63 5.33 -16.89	90.09 4.91 -11.93	72.33 4.02 -2.45	70.53 3.07 -2.22
HUDSON AVE_GT_4 23540	69.26 3.53 -0.35	67.70 2.85 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.07	78.55 3.89 -5.20	71.95 3.87 -2.56	71.18 3.78 -2.23	71.06 3.71 -2.24	70.98 3.71 -2.23	74.62 4.11 -3.11	98.31 4.89 -15.72	119.04 5.76 -24.59	118.41 5.89 -25.86	109.57 5.55 -22.45	100.63 5.33 -16.89	90.09 4.91 -11.93	72.33 4.02 -2.45	70.53 3.07 -2.22
HUDSON AVE_GT_5 23657	69.26 3.53 -0.35	67.70 2.85 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.07	78.55 3.89 -5.20	71.95 3.87 -2.56	71.18 3.78 -2.23	71.06 3.71 -2.24	70.98 3.71 -2.23	74.62 4.11 -3.11	98.31 4.89 -15.72	119.04 5.76 -24.59	118.41 5.89 -25.86	109.57 5.55 -22.45	100.63 5.33 -16.89	90.09 4.91 -11.93	72.33 4.02 -2.45	70.53 3.07 -2.22
HUDSON_AVE_10 24168	69.00 3.27 -0.35	67.44 2.59 0.00	67.57 2.72 0.00	66.79 2.13 0.00	66.72 2.13 0.00	66.86 2.14 0.00	67.38 2.40 0.00	68.02 2.92 -0.25	70.20 3.26 -1.68	76.10 3.64 -5.07	78.35 3.68 -5.20	71.76 3.67 -2.56	70.99 3.58 -2.23	70.86 3.52 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.16 4.74 -15.72	118.77 5.50 -24.59	118.24 5.72 -25.86	109.41 5.38 -22.45	100.47 5.18 -16.89	89.95 4.76 -11.93	72.13 3.82 -2.45	70.33 2.87 -2.22
HUDSON___115KV_TB 4 355613	71.04 4.12 -1.54	69.00 4.15 0.00	69.13 4.28 0.00	68.73 4.07 0.00	68.59 4.00 0.00	68.47 3.75 0.00	68.42 3.44 0.00	69.20 3.24 -1.11	76.15 3.39 -7.50	93.59 3.57 -22.63	96.21 3.54 -23.21	80.29 3.34 -11.43	78.24 3.13 -9.94	78.28 3.19 -9.98	70.92 3.25 -2.62	84.99 3.71 -13.89	101.21 4.35 -19.17	135.09 4.88 -41.52	148.32 4.77 -56.90	130.94 4.49 -44.88	112.38 4.47 -29.50	102.46 4.18 -25.03	80.61 3.82 -10.93	78.99 3.85 -9.90
HUNTER MOUNT___DRP 323613	70.95 4.25 -1.32	69.52 4.67 0.00	69.65 4.80 0.00	69.25 4.59 0.00	69.05 4.46 0.00	68.93 4.21 0.00	68.88 3.90 0.00	69.23 3.44 -0.94	75.24 3.59 -6.40	90.45 3.77 -19.29	93.00 3.75 -19.79	78.74 3.47 -9.74	76.97 3.32 -8.47	76.87 3.26 -8.51	70.46 3.38 -2.03	83.08 3.84 -11.84	97.24 4.58 -14.96	127.39 5.14 -33.56	138.70 5.11 -46.93	123.07 4.73 -36.77	107.10 4.78 -23.91	98.23 4.40 -20.58	79.20 4.02 -9.32	77.66 3.98 -8.44
HUNTINGTON_RES_REC 323705	94.41 5.10 -23.92	89.19 4.41 -19.93	87.17 4.41 -17.91	87.07 4.01 -18.40	87.00 3.94 -18.47	77.98 4.01 -9.25	86.22 4.42 -16.82	89.26 4.67 -19.74	89.26 5.02 -18.98	137.93 5.53 -65.02	108.50 5.62 -33.42	130.00 5.44 -59.04	108.45 5.35 -37.93	106.42 5.21 -36.10	111.82 5.27 -41.51	145.16 5.80 -71.97	125.46 7.23 -40.54	114.40 8.43 -17.28	94.62 8.32 0.35	114.20 7.83 -24.80	93.28 7.60 -7.26	149.06 6.96 -68.84	141.53 5.73 -69.94	129.20 4.83 -59.13
HUNTLEY___63 23557	61.91 -3.47 0.00	60.63 -4.22 0.00	60.44 -4.41 0.00	60.52 -4.14 0.00	60.26 -4.33 0.00	59.48 -5.24 0.00	58.68 -6.30 0.00	58.75 -6.10 0.00	59.70 -5.55 0.00	63.07 -4.31 0.00	64.81 -4.65 0.00	60.74 -4.78 0.00	58.92 -6.26 0.00	59.25 -5.86 0.00	58.74 -6.31 0.00	62.34 -5.05 0.00	71.09 -6.60 0.00	81.33 -7.36 0.00	78.68 -7.97 0.00	74.72 -6.85 0.00	71.98 -6.43 0.00	68.28 -4.98 0.00	62.50 -3.36 0.00	61.59 -3.65 0.00
HUNTLEY___64 23558	61.91 -3.47 0.00	60.63 -4.22 0.00	60.44 -4.41 0.00	60.52 -4.14 0.00	60.26 -4.33 0.00	59.48 -5.24 0.00	58.68 -6.30 0.00	58.75 -6.10 0.00	59.70 -5.55 0.00	63.07 -4.31 0.00	64.81 -4.65 0.00	60.74 -4.78 0.00	58.92 -6.26 0.00	59.25 -5.86 0.00	58.74 -6.31 0.00	62.34 -5.05 0.00	71.09 -6.60 0.00	81.33 -7.36 0.00	78.68 -7.97 0.00	74.72 -6.85 0.00	71.98 -6.43 0.00	68.28 -4.98 0.00	62.50 -3.36 0.00	61.59 -3.65 0.00
HUNTLEY___65 23559	61.91 -3.47 0.00	60.63 -4.22 0.00	60.44 -4.41 0.00	60.52 -4.14 0.00	60.26 -4.33 0.00	59.48 -5.24 0.00	58.68 -6.30 0.00	58.75 -6.10 0.00	59.70 -5.55 0.00	63.07 -4.31 0.00	64.81 -4.65 0.00	60.74 -4.78 0.00	58.92 -6.26 0.00	59.25 -5.86 0.00	58.74 -6.31 0.00	62.34 -5.05 0.00	71.09 -6.60 0.00	81.33 -7.36 0.00	78.68 -7.97 0.00	74.72 -6.85 0.00	71.98 -6.43 0.00	68.28 -4.98 0.00	62.50 -3.36 0.00	61.59 -3.65 0.00
HUNTLEY___66 23560	61.91 -3.47 0.00	60.63 -4.22 0.00	60.44 -4.41 0.00	60.52 -4.14 0.00	60.26 -4.33 0.00	59.48 -5.24 0.00	58.68 -6.30 0.00	58.75 -6.10 0.00	59.70 -5.55 0.00	63.07 -4.31 0.00	64.81 -4.65 0.00	60.74 -4.78 0.00	58.92 -6.26 0.00	59.25 -5.86 0.00	58.74 -6.31 0.00	62.34 -5.05 0.00	71.09 -6.60 0.00	81.33 -7.36 0.00	78.68 -7.97 0.00	74.72 -6.85 0.00	71.98 -6.43 0.00	68.28 -4.98 0.00	62.50 -3.36 0.00	61.59 -3.65 0.00

HUNTLEY___67 23561	61.72 -3.66 0.00	60.44 -4.41 0.00	60.25 -4.60 0.00	60.39 -4.27 0.00	60.13 -4.46 0.00	59.35 -5.37 0.00	58.68 -6.30 0.00	58.75 -6.10 0.00	59.70 -5.55 0.00	63.07 -4.31 0.00	64.74 -4.72 0.00	60.68 -4.85 0.00	58.92 -6.26 0.00	59.18 -5.93 0.00	58.74 -6.31 0.00	62.28 -5.12 0.00	71.01 -6.68 0.00	81.24 -7.45 0.00	78.68 -7.97 0.00	74.72 -6.85 0.00	71.90 -6.51 0.00	68.20 -5.05 0.00	62.43 -3.42 0.00	61.39 -3.85 0.00
HUNTLEY___68 23562	61.72 -3.66 0.00	60.44 -4.41 0.00	60.25 -4.60 0.00	60.39 -4.27 0.00	60.13 -4.46 0.00	59.35 -5.37 0.00	58.68 -6.30 0.00	58.75 -6.10 0.00	59.70 -5.55 0.00	63.07 -4.31 0.00	64.74 -4.72 0.00	60.68 -4.85 0.00	58.92 -6.26 0.00	59.18 -5.93 0.00	58.74 -6.31 0.00	62.28 -5.12 0.00	71.01 -6.68 0.00	81.24 -7.45 0.00	78.68 -7.97 0.00	74.72 -6.85 0.00	71.90 -6.51 0.00	68.20 -5.05 0.00	62.43 -3.42 0.00	61.39 -3.85 0.00
HYLAND___LFGE 323620	64.66 -0.72 0.00	63.55 -1.30 0.00	63.29 -1.56 0.00	63.23 -1.42 0.00	63.04 -1.55 0.00	63.30 -1.42 0.00	63.55 -1.43 0.00	62.52 -2.33 0.00	63.16 -2.09 0.00	65.84 -1.55 0.00	67.31 -2.15 0.00	62.84 -2.69 0.00	61.46 -3.71 0.00	61.53 -3.58 0.00	61.14 -3.90 0.00	65.18 -2.22 0.00	75.44 -2.26 0.00	87.18 -1.51 0.00	85.00 -1.65 0.00	80.35 -1.22 0.00	77.24 -1.17 0.00	72.38 -0.88 0.00	65.60 -0.26 0.00	64.26 -0.98 0.00
INDECK___CORINTH 23802	74.54 5.49 -3.66	70.04 5.19 0.00	70.10 5.25 0.00	69.76 5.11 0.00	69.69 5.10 0.00	69.64 4.92 0.00	70.37 5.39 0.00	72.86 5.38 -2.63	88.59 5.54 -17.80	127.12 6.07 -53.67	130.68 6.18 -55.04	98.32 5.70 -27.10	94.16 5.41 -23.58	94.17 5.40 -23.66	76.26 5.27 -5.95	105.99 5.66 -32.93	127.87 6.53 -43.65	192.29 7.53 -96.06	226.99 7.45 -132.88	193.15 7.09 -104.49	153.40 6.66 -68.33	137.99 6.37 -58.36	97.45 5.66 -25.93	94.13 5.41 -23.48
INDECK___ILION 23567	67.01 1.63 0.00	66.54 1.69 0.00	66.60 1.75 0.00	66.72 2.07 0.00	67.30 2.71 0.00	68.02 3.30 0.00	68.75 3.77 0.00	69.00 4.15 0.00	69.82 4.57 0.00	72.24 4.85 0.00	74.32 4.86 0.00	69.65 4.13 0.00	68.63 3.45 0.00	68.04 2.93 0.00	67.58 2.54 0.00	69.82 2.43 0.00	80.57 2.87 0.00	92.68 3.99 0.00	90.81 4.16 0.00	85.81 4.24 0.00	82.64 4.23 0.00	77.43 4.18 0.00	69.28 3.42 0.00	68.18 2.94 0.00
INDECK___OLEAN 23982	63.83 -1.63 -0.09	62.58 -2.27 0.00	62.32 -2.53 0.00	62.33 -2.32 0.00	62.00 -2.59 0.00	62.39 -2.33 0.00	62.51 -2.47 0.00	61.54 -3.37 -0.06	62.73 -2.94 -0.42	66.76 -1.89 -1.26	68.53 -2.23 -1.30	63.67 -2.49 -0.64	61.88 -3.85 -0.56	61.96 -3.71 -0.56	61.15 -4.03 -0.13	65.28 -2.90 -0.78	75.10 -3.57 -0.98	87.08 -3.81 -2.20	85.40 -4.33 -3.08	80.56 -3.42 -2.41	76.69 -3.29 -1.57	72.34 -2.27 -1.35	65.29 -1.18 -0.61	63.84 -1.96 -0.55
INDECK___OSWEGO 23783	63.16 -2.22 0.00	62.39 -2.46 0.00	62.32 -2.53 0.00	62.20 -2.46 0.00	62.07 -2.52 0.00	62.33 -2.39 0.00	62.64 -2.34 0.00	62.32 -2.53 0.00	62.96 -2.29 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.43 -2.10 0.00	62.76 -2.41 0.00	62.64 -2.47 0.00	62.57 -2.47 0.00	65.24 -2.16 0.00	75.20 -2.49 0.00	85.94 -2.75 0.00	83.88 -2.78 0.00	79.04 -2.53 0.00	75.98 -2.43 0.00	71.06 -2.20 0.00	63.95 -1.91 0.00	63.09 -2.15 0.00
INDECK___YERKES 23781	62.24 -3.14 0.00	60.96 -3.89 0.00	60.70 -4.15 0.00	60.84 -3.81 0.00	60.52 -4.07 0.00	61.10 -3.62 0.00	60.89 -4.09 0.00	59.01 -5.84 0.00	59.77 -5.48 0.00	63.14 -4.24 0.00	64.87 -4.59 0.00	60.81 -4.72 0.00	58.98 -6.19 0.00	59.31 -5.80 0.00	58.80 -6.24 0.00	62.34 -5.06 0.00	71.09 -6.60 0.00	81.42 -7.27 0.00	78.77 -7.88 0.00	74.80 -6.77 0.00	72.06 -6.35 0.00	68.35 -4.91 0.00	62.57 -3.29 0.00	61.65 -3.59 0.00
INDIAN POINT_GT_1 24139	68.60 2.88 -0.34	67.12 2.27 0.00	67.18 2.33 0.00	66.59 1.94 0.00	66.46 1.87 0.00	66.53 1.81 0.00	67.06 2.08 0.00	67.56 2.46 -0.24	69.70 2.81 -1.64	75.51 3.17 -4.96	77.74 3.20 -5.09	71.18 3.15 -2.50	70.42 3.06 -2.18	70.29 3.00 -2.19	70.42 2.99 -2.38	73.81 3.37 -3.04	98.48 4.04 -16.75	119.35 4.79 -25.87	118.45 4.94 -26.85	109.57 4.57 -23.43	100.62 4.47 -17.74	89.78 4.10 -12.42	71.61 3.36 -2.40	69.95 2.54 -2.17
INDIAN POINT_GT_2 23659	68.60 2.88 -0.34	67.12 2.27 0.00	67.18 2.33 0.00	66.59 1.94 0.00	66.46 1.87 0.00	66.53 1.81 0.00	67.06 2.08 0.00	67.56 2.46 -0.24	69.70 2.81 -1.64	75.51 3.17 -4.96	77.74 3.20 -5.09	71.18 3.15 -2.50	70.42 3.06 -2.18	70.29 3.00 -2.19	70.42 2.99 -2.38	73.81 3.37 -3.04	98.48 4.04 -16.75	119.35 4.79 -25.87	118.45 4.94 -26.85	109.57 4.57 -23.43	100.62 4.47 -17.74	89.78 4.10 -12.42	71.61 3.36 -2.40	69.95 2.54 -2.17
INDIAN POINT_GT_3 24019	68.60 2.88 -0.34	67.12 2.27 0.00	67.18 2.33 0.00	66.59 1.94 0.00	66.46 1.87 0.00	66.53 1.81 0.00	67.06 2.08 0.00	67.56 2.46 -0.24	69.70 2.81 -1.64	75.51 3.17 -4.96	77.74 3.20 -5.09	71.18 3.15 -2.50	70.42 3.06 -2.18	70.29 3.00 -2.19	70.42 2.99 -2.38	73.81 3.37 -3.04	98.48 4.04 -16.75	119.35 4.79 -25.87	118.45 4.94 -26.85	109.57 4.57 -23.43	100.62 4.47 -17.74	89.78 4.10 -12.42	71.61 3.36 -2.40	69.95 2.54 -2.17
INDIAN POINT___2 23530	68.39 2.68 -0.33	66.92 2.07 0.00	66.99 2.14 0.00	66.40 1.75 0.00	66.27 1.68 0.00	66.53 1.81 0.00	67.06 2.08 0.00	67.36 2.27 -0.24	69.46 2.61 -1.60	75.11 2.90 -4.83	77.40 2.98 -4.95	70.92 2.95 -2.44	70.16 2.86 -2.12	70.04 2.80 -2.13	70.65 2.80 -2.81	73.53 3.17 -2.96	101.24 3.81 -19.74	122.99 4.52 -29.78	121.33 4.59 -30.08	112.43 4.32 -26.54	102.93 4.15 -20.36	91.05 3.81 -13.99	71.29 3.10 -2.33	69.70 2.35 -2.11
INDIAN POINT___3 23531	68.47 2.75 -0.34	66.99 2.14 0.00	67.05 2.20 0.00	66.47 1.81 0.00	66.33 1.74 0.00	66.47 1.75 0.00	66.93 1.95 0.00	67.43 2.33 -0.24	69.57 2.68 -1.65	75.38 3.03 -4.96	77.61 3.06 -5.09	71.05 3.01 -2.51	70.29 2.93 -2.18	70.16 2.86 -2.19	70.31 2.86 -2.41	73.68 3.24 -3.05	98.52 3.88 -16.94	119.43 4.61 -26.13	118.50 4.77 -27.08	109.63 4.40 -23.65	100.64 4.31 -17.92	89.67 3.88 -12.53	71.42 3.16 -2.40	69.82 2.41 -2.17
INGHAM_C_115KV_TB7 356103	66.56 1.18 0.00	66.08 1.23 0.00	66.21 1.36 0.00	66.27 1.62 0.00	66.92 2.33 0.00	67.63 2.91 0.00	68.29 3.31 0.00	68.55 3.70 0.00	69.30 4.05 0.00	71.70 4.31 0.00	73.70 4.24 0.00	69.13 3.60 0.00	68.11 2.93 0.00	67.52 2.41 0.00	67.13 2.08 0.00	69.35 1.95 0.00	79.95 2.25 0.00	91.97 3.28 0.00	90.12 3.47 0.00	85.16 3.59 0.00	82.10 3.69 0.00	76.92 3.66 0.00	68.82 2.96 0.00	67.72 2.48 0.00
IP CORINTH___1 23988	74.53 5.49 -3.66	70.04 5.19 0.00	70.10 5.25 0.00	69.76 5.11 0.00	69.69 5.10 0.00	69.44 4.72 0.00	70.11 5.13 0.00	72.86 5.38 -2.63	88.59 5.55 -17.80	127.12 6.06 -53.67	130.68 6.18 -55.04	98.32 5.70 -27.10	94.16 5.41 -23.58	94.18 5.40 -23.66	76.27 5.27 -5.95	105.99 5.66 -32.93	127.87 6.53 -43.65	192.29 7.54 -96.06	226.99 7.45 -132.88	193.16 7.10 -104.49	153.41 6.66 -68.33	137.99 6.37 -58.36	97.45 5.66 -25.93	94.07 5.35 -23.48

NARROWS_GT1_5 24232	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT1_6 24233	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT1_7 24234	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT1_8 24235	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_1 24236	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_2 24237	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_3 24238	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_4 24239	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_5 24240	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_6 24241	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_7 24242	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NARROWS_GT2_8 24243	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	70.95 4.25 -1.32	69.52 4.67 0.00	69.65 4.80 0.00	69.25 4.59 0.00	69.05 4.46 0.00	68.93 4.21 0.00	68.88 3.90 0.00	69.23 3.44 -0.94	75.24 3.59 -6.40	90.45 3.77 -19.29	93.00 3.75 -19.79	78.74 3.47 -9.74	76.97 3.32 -8.47	76.87 3.26 -8.51	70.46 3.38 -2.03	83.08 3.84 -11.84	97.24 4.58 -14.96	127.39 5.14 -33.56	138.70 5.11 -46.93	123.07 4.73 -36.77	107.10 4.78 -23.91	98.23 4.40 -20.58	79.20 4.02 -9.32	77.66 3.98 -8.44
NCHELSEA_115KV_TR2 355582	69.33 3.60 -0.36	67.90 3.05 0.00	67.96 3.11 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.31 2.59 0.00	67.64 2.66 0.00	68.15 3.05 -0.26	70.37 3.39 -1.73	76.37 3.77 -5.20	78.62 3.82 -5.34	71.89 3.74 -2.63	71.11 3.65 -2.29	70.99 3.58 -2.29	69.11 3.51 -0.55	74.57 3.98 -3.19	86.55 4.82 -4.04	103.42 5.68 -9.05	105.13 5.81 -12.67	96.88 5.38 -9.92	90.11 5.25 -6.45	83.57 4.76 -5.55	72.39 4.02 -2.51	70.78 3.26 -2.28
NEG CAPITAL___MECHNVIL 23645	73.43 4.64 -3.41	69.13 4.28 0.00	69.20 4.35 0.00	68.86 4.20 0.00	68.73 4.14 0.00	68.80 4.08 0.00	69.40 4.42 0.00	71.70 4.41 -2.44	86.37 4.57 -16.55	122.21 4.92 -49.90	125.71 5.07 -51.19	95.50 4.78 -25.20	91.73 4.63 -21.92	91.67 4.56 -22.00	75.17 4.55 -5.57	102.94 4.92 -30.62	124.21 5.67 -40.85	184.92 6.56 -89.67	217.01 6.50 -123.86	185.13 6.12 -97.44	148.07 5.88 -63.77	133.09 5.42 -54.41	94.77 4.81 -24.11	91.57 4.50 -21.83

NEG CENTRAL_HIGH_ACRES 23767	62.18 -3.20 0.00	61.22 -3.63 0.00	61.02 -3.83 0.00	61.04 -3.62 0.00	60.84 -3.75 0.00	61.22 -3.50 0.00	61.41 -3.57 0.00	60.44 -4.41 0.00	61.20 -4.05 0.00	64.02 -3.37 0.00	66.06 -3.40 0.00	62.05 -3.47 0.00	60.94 -4.24 0.00	61.14 -3.97 0.00	60.82 -4.23 0.00	63.89 -3.51 0.00	73.34 -4.35 0.00	84.07 -4.62 0.00	81.80 -4.85 0.00	77.25 -4.33 0.00	74.33 -4.08 0.00	69.67 -3.59 0.00	63.09 -2.76 0.00	62.04 -3.20 0.00
NEG CENTRAL___DRP 24199	65.05 -0.33 0.00	64.14 -0.71 0.00	64.01 -0.84 0.00	63.75 -0.91 0.00	63.69 -0.90 0.00	63.56 -1.16 0.00	63.75 -1.23 0.00	63.81 -1.04 0.00	64.66 -0.59 0.00	67.19 -0.20 0.00	69.25 -0.21 0.00	64.94 -0.59 0.00	63.87 -1.30 0.00	63.87 -1.24 0.00	63.74 -1.30 0.00	66.86 -0.54 0.00	76.45 -1.24 0.00	87.62 -1.06 0.00	85.53 -1.13 0.00	80.51 -1.06 0.00	77.39 -1.02 0.00	72.31 -0.95 0.00	65.27 -0.59 0.00	64.20 -1.04 0.00
NEG CENTRAL___INDECK 23768	63.68 -1.70 0.00	62.58 -2.27 0.00	62.32 -2.53 0.00	62.33 -2.32 0.00	62.07 -2.52 0.00	62.39 -2.33 0.00	62.64 -2.34 0.00	61.55 -3.30 0.00	62.25 -3.00 0.00	65.03 -2.36 0.00	66.68 -2.78 0.00	62.45 -3.08 0.00	61.07 -4.10 0.00	61.14 -3.97 0.00	60.75 -4.30 0.00	64.43 -2.96 0.00	74.28 -3.42 0.00	85.41 -3.28 0.00	83.27 -3.38 0.00	78.71 -2.86 0.00	75.66 -2.75 0.00	70.99 -2.27 0.00	64.41 -1.45 0.00	63.22 -2.02 0.00
NEG CENTRAL___SENECA 23627	65.90 0.52 0.00	64.91 0.06 0.00	64.66 -0.19 0.00	64.46 -0.19 0.00	64.33 -0.26 0.00	64.14 -0.58 0.00	64.27 -0.71 0.00	64.40 -0.45 0.00	65.32 0.07 0.00	67.93 0.54 0.00	69.95 0.49 0.00	65.53 0.00 0.00	64.26 -0.91 0.00	64.26 -0.85 0.00	64.07 -0.98 0.00	67.40 0.00 0.00	76.53 -1.17 0.00	87.89 -0.80 0.00	85.70 -0.95 0.00	80.67 -0.90 0.00	77.55 -0.86 0.00	72.53 -0.73 0.00	65.53 -0.33 0.00	64.46 -0.78 0.00
NEG CENTRAL___STATE_STREET 24147	64.66 -0.72 0.00	63.81 -1.04 0.00	63.62 -1.23 0.00	63.49 -1.16 0.00	63.36 -1.23 0.00	63.36 -1.36 0.00	63.55 -1.43 0.00	63.68 -1.17 0.00	64.47 -0.78 0.00	66.92 -0.47 0.00	69.11 -0.35 0.00	64.94 -0.59 0.00	64.00 -1.17 0.00	64.00 -1.11 0.00	63.94 -1.11 0.00	66.86 -0.54 0.00	77.07 -0.62 0.00	88.24 -0.44 0.00	86.13 -0.52 0.00	81.08 -0.49 0.00	77.94 -0.47 0.00	72.75 -0.51 0.00	65.53 -0.33 0.00	64.52 -0.72 0.00
NEG MILLWOOD___DRP 24198	69.79 4.05 -0.36	68.35 3.50 0.00	68.42 3.57 0.00	67.76 3.10 0.00	67.63 3.04 0.00	67.70 2.98 0.00	68.03 3.05 0.00	68.54 3.44 -0.26	70.84 3.85 -1.74	76.95 4.31 -5.25	79.22 4.38 -5.38	72.44 4.26 -2.65	71.65 4.17 -2.31	71.53 4.10 -2.31	70.46 4.10 -1.31	75.13 4.52 -3.22	92.41 5.36 -9.35	111.35 6.47 -16.19	111.98 6.50 -18.83	103.42 6.12 -15.73	95.54 5.88 -11.25	87.19 5.42 -8.52	73.00 4.61 -2.54	71.25 3.72 -2.30
NEG NORTH_FLCN_SEA 23793	67.28 1.90 0.00	67.25 2.40 0.00	67.18 2.33 0.00	67.18 2.52 0.00	67.17 2.58 0.00	67.63 2.91 0.00	67.19 2.21 0.00	66.67 1.82 0.00	66.69 1.44 0.00	68.53 1.15 0.00	70.50 1.04 0.00	66.57 1.05 0.00	66.67 1.50 0.00	66.54 1.43 0.00	66.54 1.50 0.00	68.48 1.08 0.00	78.78 1.09 0.00	89.40 0.71 0.00	87.26 0.61 0.00	81.90 0.33 0.00	78.41 0.00 0.00	72.97 -0.29 0.00	65.40 -0.46 0.00	66.09 0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	66.36 0.98 0.00	66.41 1.56 0.00	66.28 1.43 0.00	66.34 1.68 0.00	66.33 1.74 0.00	66.79 2.07 0.00	66.80 1.82 0.00	66.28 1.43 0.00	66.23 0.98 0.00	67.99 0.61 0.00	70.01 0.56 0.00	66.12 0.59 0.00	66.22 1.04 0.00	66.15 1.04 0.00	66.15 1.11 0.00	68.00 0.61 0.00	78.24 0.54 0.00	88.78 0.09 0.00	86.65 0.00 0.00	81.33 -0.24 0.00	77.86 -0.55 0.00	72.45 -0.81 0.00	65.00 -0.86 0.00	65.31 0.07 0.00
NEG NORTH___ALICE_FALLS 23915	67.60 2.22 0.00	67.57 2.72 0.00	67.44 2.59 0.00	67.44 2.78 0.00	67.50 2.91 0.00	67.96 3.24 0.00	67.71 2.73 0.00	67.18 2.33 0.00	67.27 2.02 0.00	69.14 1.75 0.00	71.13 1.67 0.00	67.16 1.64 0.00	67.20 2.02 0.00	67.06 1.95 0.00	67.13 2.08 0.00	69.08 1.68 0.00	79.48 1.79 0.00	90.20 1.51 0.00	87.95 1.30 0.00	82.63 1.06 0.00	79.04 0.63 0.00	73.62 0.37 0.00	65.99 0.13 0.00	66.41 1.17 0.00
NEG NORTH___LWR_SARANAC 23913	67.60 2.22 0.00	67.57 2.72 0.00	67.44 2.59 0.00	67.44 2.78 0.00	67.50 2.91 0.00	67.96 3.24 0.00	67.71 2.73 0.00	67.18 2.33 0.00	67.27 2.02 0.00	69.14 1.75 0.00	71.13 1.67 0.00	67.16 1.64 0.00	67.20 2.02 0.00	67.06 1.95 0.00	67.13 2.08 0.00	69.08 1.68 0.00	79.48 1.79 0.00	90.20 1.51 0.00	87.95 1.30 0.00	82.63 1.06 0.00	79.04 0.63 0.00	73.62 0.37 0.00	65.99 0.13 0.00	66.41 1.17 0.00
NEG NORTH___PLATTSBURG 23628	67.53 2.15 0.00	67.51 2.66 0.00	67.38 2.53 0.00	67.37 2.72 0.00	67.43 2.84 0.00	67.50 2.78 0.00	67.12 2.14 0.00	67.18 2.33 0.00	67.27 2.02 0.00	69.14 1.75 0.00	71.12 1.66 0.00	67.17 1.64 0.00	67.20 2.02 0.00	67.06 1.95 0.00	67.13 2.08 0.00	69.08 1.69 0.00	79.48 1.79 0.00	90.19 1.51 0.00	87.96 1.30 0.00	82.63 1.06 0.00	79.04 0.62 0.00	73.63 0.37 0.00	65.99 0.13 0.00	66.42 1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	61.00 -4.38 0.00	59.73 -5.12 0.00	59.53 -5.32 0.00	59.68 -4.98 0.00	59.42 -5.17 0.00	58.64 -6.08 0.00	57.96 -7.02 0.00	57.98 -6.87 0.00	58.99 -6.26 0.00	62.27 -5.12 0.00	63.97 -5.49 0.00	59.96 -5.57 0.00	58.20 -6.97 0.00	58.53 -6.58 0.00	58.02 -7.02 0.00	61.60 -5.80 0.00	70.16 -7.54 0.00	80.26 -8.43 0.00	77.73 -8.93 0.00	73.82 -7.75 0.00	71.04 -7.37 0.00	67.32 -5.93 0.00	61.64 -4.21 0.00	60.67 -4.57 0.00
NEG WEST___LANCASTER 23811	63.22 -2.16 0.00	62.00 -2.85 0.00	61.80 -3.05 0.00	61.81 -2.84 0.00	61.55 -3.04 0.00	60.90 -3.82 0.00	60.43 -4.55 0.00	60.76 -4.09 0.00	61.79 -3.46 0.00	65.03 -2.36 0.00	66.82 -2.64 0.00	62.64 -2.88 0.00	60.87 -4.30 0.00	61.07 -4.04 0.00	60.62 -4.42 0.00	64.16 -3.24 0.00	73.50 -4.20 0.00	84.16 -4.52 0.00	81.54 -5.11 0.00	77.41 -4.16 0.00	74.49 -3.92 0.00	70.47 -2.78 0.00	64.34 -1.51 0.00	62.96 -2.28 0.00
NEG_PENN_ALLEGHNY 23528	65.60 0.07 -0.16	64.59 -0.26 0.00	64.46 -0.39 0.00	64.21 -0.45 0.00	64.14 -0.45 0.00	64.40 -0.32 0.00	64.72 -0.26 0.00	64.38 -0.58 -0.11	65.75 -0.26 -0.76	69.81 0.14 -2.29	71.94 0.14 -2.35	66.62 -0.07 -1.15	65.59 -0.59 -1.00	65.53 -0.59 -1.01	64.64 -0.65 -0.24	68.67 -0.13 -1.40	79.46 0.00 -1.77	92.92 0.27 -3.97	92.29 0.09 -5.55	86.08 0.16 -4.35	81.39 0.16 -2.83	75.91 0.22 -2.43	67.36 0.40 -1.10	66.24 0.00 -1.00
NEG___GEN_MONROE 24207	62.76 -2.62 0.00	61.67 -3.18 0.00	61.48 -3.37 0.00	61.55 -3.10 0.00	61.36 -3.23 0.00	60.84 -3.88 0.00	60.56 -4.42 0.00	60.57 -4.28 0.00	61.47 -3.78 0.00	64.49 -2.90 0.00	66.47 -2.99 0.00	62.38 -3.15 0.00	61.07 -4.11 0.00	61.20 -3.91 0.00	60.82 -4.23 0.00	64.10 -3.30 0.00	73.34 -4.35 0.00	84.16 -4.52 0.00	81.71 -4.94 0.00	77.33 -4.24 0.00	74.41 -4.00 0.00	70.03 -3.22 0.00	63.55 -2.31 0.00	62.63 -2.61 0.00

NEPA__ENERGY 23901	63.22 -2.16 0.00	61.93 -2.92 0.00	61.67 -3.18 0.00	61.75 -2.91 0.00	61.43 -3.16 0.00	60.64 -4.08 0.00	60.11 -4.87 0.00	60.31 -4.54 0.00	61.33 -3.91 0.00	64.69 -2.70 0.00	66.40 -3.06 0.00	62.18 -3.34 0.00	60.22 -4.95 0.00	60.42 -4.69 0.00	59.91 -5.14 0.00	63.49 -3.91 0.00	72.64 -5.05 0.00	83.28 -5.41 0.00	80.67 -5.98 0.00	76.68 -4.89 0.00	73.86 -4.55 0.00	70.03 -3.22 0.00	64.08 -1.78 0.00	62.96 -2.28 0.00
NEVERSink__HYD 23608	68.81 3.07 -0.35	67.31 2.46 0.00	67.38 2.53 0.00	66.92 2.26 0.00	66.72 2.13 0.00	66.98 2.26 0.00	67.39 2.41 0.00	67.51 2.40 -0.25	69.65 2.68 -1.72	75.61 3.04 -5.19	77.77 2.98 -5.32	71.03 2.88 -2.62	70.19 2.74 -2.28	70.01 2.61 -2.29	67.64 2.67 0.08	73.62 3.04 -3.19	81.27 3.88 0.31	96.62 4.70 -3.23	99.17 4.85 -7.67	91.25 4.48 -5.20	85.33 4.39 -2.53	80.35 3.95 -3.14	71.66 3.29 -2.51	70.19 2.68 -2.27
NEWKRMKL_115KV_TB1 55635	70.23 2.68 -2.17	67.25 2.40 0.00	67.31 2.46 0.00	66.92 2.26 0.00	66.79 2.20 0.00	66.79 2.07 0.00	67.12 2.14 0.00	68.74 2.33 -1.55	78.33 2.54 -10.53	101.92 2.76 -31.77	104.89 2.85 -32.58	84.38 2.82 -16.04	81.80 2.67 -13.96	81.79 2.67 -14.01	71.37 2.67 -3.66	89.79 2.90 -19.49	107.68 3.19 -26.80	150.38 3.55 -58.15	169.88 3.47 -79.76	147.73 3.26 -62.89	123.02 3.29 -41.31	111.56 3.22 -35.08	84.04 2.83 -15.35	81.68 2.54 -13.90
NEWTON__FALLS_HYD 23847	66.56 1.18 0.00	66.34 1.49 0.00	66.21 1.36 0.00	66.14 1.49 0.00	66.20 1.61 0.00	66.47 1.75 0.00	66.60 1.62 0.00	66.28 1.43 0.00	66.56 1.30 0.00	68.53 1.15 0.00	70.71 1.25 0.00	66.64 1.11 0.00	66.41 1.24 0.00	66.28 1.17 0.00	66.22 1.17 0.00	68.27 0.88 0.00	78.63 0.93 0.00	89.40 0.71 0.00	87.17 0.52 0.00	81.98 0.41 0.00	78.88 0.47 0.00	74.06 0.81 0.00	66.71 0.86 0.00	66.48 1.24 0.00
NGRID_A1_DSASP 323792	61.13 -4.25 0.00	59.79 -5.06 0.00	59.60 -5.25 0.00	59.74 -4.92 0.00	59.49 -5.10 0.00	60.06 -4.66 0.00	59.59 -5.39 0.00	57.52 -7.33 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.43 -7.61 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.60 -10.05 0.00	72.84 -8.73 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	60.28 -4.96 0.00
NGRID_A2_DSASP 323793	61.13 -4.25 0.00	59.79 -5.06 0.00	59.60 -5.25 0.00	59.74 -4.92 0.00	59.49 -5.10 0.00	60.06 -4.66 0.00	59.59 -5.39 0.00	57.52 -7.33 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.43 -7.61 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.60 -10.05 0.00	72.84 -8.73 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	60.28 -4.96 0.00
NGRID_A4_DSASP 323807	61.13 -4.25 0.00	59.79 -5.06 0.00	59.60 -5.25 0.00	59.74 -4.92 0.00	59.49 -5.10 0.00	60.06 -4.66 0.00	59.59 -5.39 0.00	57.52 -7.33 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.43 -7.61 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.60 -10.05 0.00	72.84 -8.73 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	60.28 -4.96 0.00
NIAGARA_115E_LBMP 323715	60.48 -4.90 0.00	59.21 -5.64 0.00	58.95 -5.90 0.00	59.09 -5.56 0.00	58.84 -5.75 0.00	59.41 -5.31 0.00	59.39 -5.59 0.00	57.39 -7.46 0.00	58.14 -7.11 0.00	61.39 -6.00 0.00	63.07 -6.39 0.00	59.17 -6.36 0.00	57.35 -7.82 0.00	57.75 -7.36 0.00	57.24 -7.81 0.00	60.72 -6.67 0.00	69.15 -8.55 0.00	79.02 -9.66 0.00	76.52 -10.14 0.00	72.68 -8.89 0.00	70.02 -8.39 0.00	66.37 -6.89 0.00	60.79 -5.07 0.00	59.83 -5.41 0.00
NIAGARA_115W_LBMP 323714	61.00 -4.38 0.00	59.73 -5.12 0.00	59.53 -5.32 0.00	59.61 -5.04 0.00	59.42 -5.17 0.00	60.00 -4.72 0.00	59.46 -5.52 0.00	57.39 -7.46 0.00	58.14 -7.11 0.00	61.39 -6.00 0.00	63.14 -6.32 0.00	59.17 -6.36 0.00	57.42 -7.76 0.00	57.82 -7.29 0.00	57.30 -7.74 0.00	60.80 -6.60 0.00	69.15 -8.55 0.00	79.02 -9.66 0.00	76.52 -10.14 0.00	72.68 -8.89 0.00	69.94 -8.47 0.00	66.37 -6.89 0.00	60.79 -5.07 0.00	60.22 -5.02 0.00
NIAGARA_230_LBMP 323716	61.13 -4.25 0.00	59.92 -4.93 0.00	59.66 -5.19 0.00	59.80 -4.85 0.00	59.55 -5.04 0.00	60.13 -4.59 0.00	60.04 -4.94 0.00	58.10 -6.75 0.00	58.79 -6.46 0.00	62.06 -5.32 0.00	63.84 -5.62 0.00	59.83 -5.70 0.00	58.07 -7.10 0.00	58.47 -6.64 0.00	57.96 -7.09 0.00	61.47 -5.93 0.00	70.00 -7.69 0.00	80.00 -8.69 0.00	77.47 -9.19 0.00	73.58 -7.99 0.00	70.81 -7.60 0.00	67.10 -6.15 0.00	61.45 -4.41 0.00	60.54 -4.70 0.00
NIAGARA__115KV_198_GIBSON 55903	60.74 -4.64 0.00	59.47 -5.38 0.00	59.27 -5.58 0.00	59.42 -5.24 0.00	59.16 -5.43 0.00	58.38 -6.34 0.00	57.25 -7.73 0.00	57.20 -7.65 0.00	58.14 -7.11 0.00	61.46 -5.93 0.00	63.14 -6.32 0.00	59.17 -6.36 0.00	57.42 -7.76 0.00	57.82 -7.29 0.00	57.30 -7.74 0.00	60.79 -6.61 0.00	69.15 -8.55 0.00	79.02 -9.67 0.00	76.43 -10.23 0.00	72.68 -8.89 0.00	69.94 -8.47 0.00	66.37 -6.89 0.00	60.79 -5.07 0.00	60.22 -5.02 0.00
NIAGARA____ 23760	61.13 -4.25 0.00	59.92 -4.93 0.00	59.66 -5.19 0.00	59.80 -4.85 0.00	59.55 -5.04 0.00	60.13 -4.59 0.00	60.04 -4.94 0.00	58.10 -6.75 0.00	58.79 -6.46 0.00	62.06 -5.32 0.00	63.84 -5.62 0.00	59.83 -5.70 0.00	58.07 -7.10 0.00	58.47 -6.64 0.00	57.96 -7.09 0.00	61.47 -5.93 0.00	70.00 -7.69 0.00	80.00 -8.69 0.00	77.47 -9.19 0.00	73.58 -7.99 0.00	70.81 -7.60 0.00	67.10 -6.15 0.00	61.45 -4.41 0.00	60.54 -4.70 0.00
NINE_MILE_1 23575	62.70 -2.68 0.00	62.00 -2.85 0.00	61.93 -2.92 0.00	61.81 -2.84 0.00	61.68 -2.91 0.00	61.94 -2.78 0.00	62.19 -2.79 0.00	61.93 -2.92 0.00	62.51 -2.74 0.00	64.69 -2.70 0.00	66.75 -2.71 0.00	62.90 -2.62 0.00	62.24 -2.93 0.00	62.18 -2.93 0.00	62.12 -2.93 0.00	64.70 -2.70 0.00	74.50 -3.19 0.00	85.05 -3.64 0.00	83.10 -3.56 0.00	78.22 -3.35 0.00	75.27 -3.14 0.00	70.40 -2.86 0.00	63.36 -2.50 0.00	62.56 -2.68 0.00
NINE_MILE_2 23744	62.70 -2.68 0.00	62.00 -2.85 0.00	61.93 -2.92 0.00	61.81 -2.84 0.00	61.68 -2.91 0.00	61.94 -2.78 0.00	62.19 -2.79 0.00	61.93 -2.92 0.00	62.51 -2.74 0.00	64.69 -2.70 0.00	66.75 -2.71 0.00	62.90 -2.62 0.00	62.24 -2.93 0.00	62.18 -2.93 0.00	62.12 -2.93 0.00	64.70 -2.70 0.00	74.50 -3.19 0.00	85.05 -3.64 0.00	83.10 -3.56 0.00	78.22 -3.35 0.00	75.27 -3.14 0.00	70.40 -2.86 0.00	63.36 -2.50 0.00	62.56 -2.68 0.00
NM_CAPITAL__DRP 24208	70.32 2.81 -2.13	67.31 2.46 0.00	67.38 2.53 0.00	66.98 2.33 0.00	66.85 2.26 0.00	66.86 2.14 0.00	67.19 2.21 0.00	68.78 2.40 -1.53	78.22 2.61 -10.36	101.46 2.83 -31.24	104.49 2.99 -32.04	84.18 2.88 -15.77	81.64 2.74 -13.72	81.62 2.73 -13.77	71.39 2.73 -3.62	89.60 3.03 -19.17	107.50 3.34 -26.47	149.75 3.72 -57.34	168.86 3.64 -78.56	147.05 3.51 -61.97	122.59 3.45 -40.73	111.19 3.37 -34.56	83.92 2.96 -15.09	81.52 2.61 -13.67

NM_CENTRAL___DRP 24181	63.61 -1.77 0.00	62.84 -2.01 0.00	62.71 -2.14 0.00	62.59 -2.07 0.00	62.46 -2.13 0.00	62.45 -2.27 0.00	62.64 -2.34 0.00	62.71 -2.14 0.00	63.42 -1.83 0.00	65.77 -1.62 0.00	67.93 -1.53 0.00	63.89 -1.64 0.00	63.15 -2.02 0.00	63.16 -1.95 0.00	63.03 -2.02 0.00	65.78 -1.62 0.00	75.83 -1.86 0.00	86.74 -1.95 0.00	84.66 -1.99 0.00	79.70 -1.88 0.00	76.69 -1.73 0.00	71.65 -1.61 0.00	64.54 -1.32 0.00	63.61 -1.63 0.00
NM_FRONTIER___DRP 24179	60.74 -4.64 0.00	59.47 -5.38 0.00	59.27 -5.58 0.00	59.42 -5.24 0.00	59.16 -5.43 0.00	58.38 -6.34 0.00	57.25 -7.73 0.00	57.20 -7.65 0.00	58.14 -7.11 0.00	61.46 -5.93 0.00	63.14 -6.32 0.00	59.17 -6.36 0.00	57.42 -7.76 0.00	57.82 -7.29 0.00	57.30 -7.74 0.00	60.79 -6.61 0.00	69.15 -8.55 0.00	79.02 -9.67 0.00	76.43 -10.23 0.00	72.68 -8.89 0.00	69.94 -8.47 0.00	66.37 -6.89 0.00	60.79 -5.07 0.00	60.22 -5.02 0.00
NM_ST_REGIS___HYD 24053	66.62 1.24 0.00	66.80 1.95 0.00	66.67 1.82 0.00	66.72 2.07 0.00	66.72 2.13 0.00	67.11 2.39 0.00	67.25 2.27 0.00	66.67 1.82 0.00	66.62 1.37 0.00	68.40 1.01 0.00	70.43 0.97 0.00	66.51 0.98 0.00	66.54 1.37 0.00	66.48 1.37 0.00	66.41 1.37 0.00	68.27 0.88 0.00	78.39 0.70 0.00	88.33 -0.35 0.00	86.22 -0.43 0.00	81.16 -0.41 0.00	78.02 -0.39 0.00	73.26 0.00 0.00	66.06 0.20 0.00	66.22 0.98 0.00
NORTHPORT___1 23551	94.54 5.23 -23.92	89.32 4.54 -19.93	87.36 4.60 -17.91	87.20 4.14 -18.40	87.20 4.14 -18.47	78.17 4.20 -9.25	86.35 4.55 -16.82	89.38 4.80 -19.74	89.39 5.15 -18.98	138.00 5.59 -65.02	108.64 5.76 -33.42	130.07 5.50 -59.04	108.51 5.41 -37.93	106.55 5.34 -36.10	111.95 5.40 -41.51	145.30 5.93 -71.97	148.31 6.06 -64.55	158.72 7.18 -62.85	167.39 7.19 -73.54	157.28 6.77 -68.95	155.54 6.43 -70.70	147.93 5.79 -68.89	141.40 5.59 -69.94	129.27 4.90 -59.13
NORTHPORT___2 23552	94.54 5.23 -23.92	89.32 4.54 -19.93	87.36 4.60 -17.91	87.20 4.14 -18.40	87.20 4.14 -18.47	78.17 4.20 -9.25	86.35 4.55 -16.82	89.38 4.80 -19.74	89.39 5.15 -18.98	138.00 5.59 -65.02	108.64 5.76 -33.42	130.07 5.50 -59.04	108.51 5.41 -37.93	106.55 5.34 -36.10	111.95 5.40 -41.51	145.30 5.93 -71.97	148.31 6.06 -64.55	158.72 7.18 -62.85	167.39 7.19 -73.54	157.28 6.77 -68.95	155.54 6.43 -70.70	147.93 5.79 -68.89	141.40 5.59 -69.94	129.27 4.90 -59.13
NORTHPORT___3 23553	93.68 4.38 -23.92	88.48 3.69 -19.93	86.52 3.76 -17.91	86.35 3.30 -18.40	86.35 3.29 -18.47	77.33 3.36 -9.25	85.51 3.70 -16.82	88.54 3.96 -19.74	88.54 4.31 -18.98	137.19 4.79 -65.02	107.73 4.86 -33.42	129.28 4.72 -59.04	107.67 4.56 -37.93	105.70 4.49 -36.10	111.11 4.55 -41.51	144.15 4.79 -71.97	146.16 6.76 -61.71	153.95 7.81 -57.45	159.08 7.63 -64.79	152.47 7.18 -63.72	148.66 7.06 -63.19	148.66 6.52 -68.88	140.61 4.81 -69.94	128.42 4.05 -59.13
NORTHPORT___4 23650	93.68 4.38 -23.92	88.48 3.69 -19.93	86.52 3.76 -17.91	86.35 3.30 -18.40	86.35 3.29 -18.47	77.33 3.36 -9.25	85.51 3.70 -16.82	88.54 3.96 -19.74	88.54 4.31 -18.98	137.19 4.79 -65.02	107.73 4.86 -33.42	129.28 4.72 -59.04	107.67 4.56 -37.93	105.70 4.49 -36.10	111.11 4.55 -41.51	144.15 4.79 -71.97	146.16 6.76 -61.71	153.95 7.81 -57.45	159.08 7.63 -64.79	152.47 7.18 -63.72	148.66 7.06 -63.19	148.66 6.52 -68.88	140.61 4.81 -69.94	128.42 4.05 -59.13
NORTHPORT___IC 23718	94.46 5.17 -23.91	89.31 4.54 -19.92	87.29 4.54 -17.90	87.19 4.14 -18.39	87.12 4.07 -18.46	77.97 4.01 -9.24	86.08 4.29 -16.82	89.38 4.80 -19.73	89.38 5.15 -18.98	137.99 5.59 -65.01	108.63 5.77 -33.41	130.06 5.50 -59.03	108.51 5.41 -37.92	106.54 5.34 -36.09	111.94 5.40 -41.50	145.29 5.93 -71.96	148.30 6.06 -64.55	158.89 7.36 -62.84	167.47 7.28 -73.54	157.28 6.77 -68.94	155.53 6.43 -70.69	147.93 5.79 -68.88	141.39 5.60 -69.94	129.19 4.83 -59.12
NORTH___COUNTRY_ESR 323785	65.97 0.59 0.00	66.08 1.23 0.00	66.02 1.17 0.00	66.02 1.36 0.00	66.08 1.49 0.00	66.08 1.36 0.00	65.89 0.91 0.00	65.95 1.10 0.00	65.97 0.72 0.00	67.73 0.34 0.00	69.74 0.28 0.00	65.92 0.40 0.00	66.02 0.85 0.00	65.89 0.78 0.00	65.89 0.84 0.00	67.74 0.34 0.00	77.93 0.23 0.00	88.51 -0.18 0.00	86.31 -0.35 0.00	81.00 -0.57 0.00	77.55 -0.86 0.00	72.16 -1.10 0.00	64.74 -1.12 0.00	64.98 -0.26 0.00
NPX_GEN_1385_PROXY 323591	125.60 7.13 -53.09	121.80 6.42 -50.53	117.10 6.42 -45.83	117.20 6.01 -46.53	114.80 5.94 -44.27	120.78 6.08 -49.98	128.60 6.43 -57.19	135.46 6.62 -63.99	138.97 6.99 -66.73	139.82 7.41 -65.02	135.16 7.71 -57.99	131.71 7.14 -59.04	130.17 7.23 -57.76	130.55 7.16 -58.28	135.00 7.22 -62.74	147.25 7.88 -71.97	150.40 8.16 -64.55	168.00 9.76 -69.56	169.47 9.28 -73.54	159.25 8.73 -68.95	157.19 8.08 -70.70	148.96 6.81 -68.89	142.26 6.46 -69.94	130.77 6.40 -59.13
NPX_GEN_CSC 323557	95.06 5.75 -23.92	89.84 5.06 -19.93	87.82 5.06 -17.91	87.77 4.72 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.94 5.13 -16.82	90.03 5.45 -19.74	90.04 5.81 -18.98	138.88 6.47 -65.02	109.40 6.53 -33.42	130.86 6.29 -59.04	109.23 6.12 -37.93	107.20 5.99 -36.10	112.74 6.18 -41.51	146.31 6.94 -71.97	183.17 7.84 -97.64	223.61 9.31 -125.61	271.08 9.10 -175.33	219.89 8.56 -129.76	244.80 8.31 -158.08	149.77 7.55 -68.96	142.45 6.65 -69.94	129.98 5.61 -59.13
NSINS_S___GLNS_FALLS 23858	74.63 5.62 -3.63	70.17 5.32 0.00	70.23 5.38 0.00	69.96 5.30 0.00	69.82 5.23 0.00	69.64 4.92 0.00	70.24 5.26 0.00	73.03 5.58 -2.60	88.61 5.74 -17.62	126.72 6.20 -53.13	130.35 6.39 -54.50	98.25 5.90 -26.83	94.12 5.61 -23.34	94.14 5.60 -23.43	76.41 5.46 -5.90	105.87 5.86 -32.61	127.71 6.76 -43.26	191.74 7.89 -95.16	225.97 7.71 -131.61	192.41 7.34 -103.49	153.00 6.90 -67.69	137.58 6.52 -57.80	97.33 5.80 -25.67	94.03 5.55 -23.24
NUCOR_STEEL___DRP 24197	64.60 -0.78 0.00	63.81 -1.04 0.00	63.68 -1.17 0.00	63.49 -1.16 0.00	63.43 -1.16 0.00	63.36 -1.36 0.00	63.55 -1.43 0.00	63.62 -1.23 0.00	64.40 -0.85 0.00	66.85 -0.54 0.00	69.04 -0.42 0.00	64.87 -0.66 0.00	64.00 -1.17 0.00	64.00 -1.11 0.00	63.87 -1.17 0.00	66.72 -0.67 0.00	76.99 -0.70 0.00	88.07 -0.62 0.00	85.96 -0.69 0.00	80.92 -0.65 0.00	77.86 -0.55 0.00	72.67 -0.59 0.00	65.53 -0.33 0.00	64.52 -0.72 0.00
NUMBER_THREE_WT_PWR 323818	67.41 2.03 0.00	66.86 2.01 0.00	66.73 1.88 0.00	66.59 1.94 0.00	66.59 2.00 0.00	66.79 2.07 0.00	67.06 2.08 0.00	66.92 2.07 0.00	67.53 2.28 0.00	69.74 2.36 0.00	71.96 2.50 0.00	67.76 2.23 0.00	67.26 2.09 0.00	67.06 1.95 0.00	66.93 1.89 0.00	69.42 2.02 0.00	80.10 2.41 0.00	91.79 3.10 0.00	89.43 2.77 0.00	84.10 2.53 0.00	80.92 2.51 0.00	75.67 2.41 0.00	68.03 2.17 0.00	67.39 2.15 0.00
NYISO_LBMP_REFERENCE 24008	65.38 0.00 0.00	64.85 0.00 0.00	64.85 0.00 0.00	64.66 0.00 0.00	64.59 0.00 0.00	64.72 0.00 0.00	64.98 0.00 0.00	64.85 0.00 0.00	65.25 0.00 0.00	67.39 0.00 0.00	69.46 0.00 0.00	65.53 0.00 0.00	65.17 0.00 0.00	65.11 0.00 0.00	65.04 0.00 0.00	67.40 0.00 0.00	77.69 0.00 0.00	88.69 0.00 0.00	86.65 0.00 0.00	81.57 0.00 0.00	78.41 0.00 0.00	73.26 0.00 0.00	65.86 0.00 0.00	65.24 0.00 0.00

NYPA_BRENTWD____GT 24164	95.06 5.75 -23.92	89.84 5.06 -19.93	87.88 5.12 -17.91	87.72 4.66 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.90 5.32 -19.74	89.91 5.67 -18.98	138.60 6.20 -65.02	109.19 6.32 -33.42	130.66 6.09 -59.04	109.04 5.93 -37.93	107.07 5.86 -36.10	112.47 5.92 -41.51	145.97 6.61 -71.97	156.46 7.23 -71.55	173.40 8.60 -76.11	190.29 8.58 -95.05	171.44 8.08 -81.80	175.34 7.76 -89.16	149.20 7.03 -68.90	142.19 6.39 -69.94	129.85 5.48 -59.13
NYPA_GOWANUS____GT5 24156	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NYPA_GOWANUS____GT6 24157	69.78 4.05 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.97 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.32 -3.11	98.75 5.29 -15.77	122.39 6.21 -27.50	121.45 6.41 -28.39	123.50 6.12 -35.80	111.19 5.80 -26.97	90.52 5.35 -11.92	72.72 4.41 -2.45	70.92 3.46 -2.22
NYPA_HARLEM__RVR__GT1 24160	69.92 4.19 -0.36	68.29 3.43 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.43 2.84 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.12 3.20 -1.68	76.02 3.57 -5.07	78.27 3.61 -5.20	71.68 3.60 -2.55	70.91 3.52 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.34 3.84 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.22 5.72 -25.84	109.47 5.47 -22.43	100.45 5.17 -16.87	90.01 4.83 -11.92	72.46 4.15 -2.45	70.98 3.52 -2.22
NYPA_HARLEM__RVR__GT2 24161	69.92 4.19 -0.36	68.29 3.43 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.43 2.84 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.12 3.20 -1.68	76.02 3.57 -5.07	78.27 3.61 -5.20	71.68 3.60 -2.55	70.91 3.52 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.34 3.84 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.22 5.72 -25.84	109.47 5.47 -22.43	100.45 5.17 -16.87	90.01 4.83 -11.92	72.46 4.15 -2.45	70.98 3.52 -2.22
NYPA_KENT____GT 24152	69.65 3.92 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.21 3.11 -0.25	70.45 3.52 -1.68	76.37 3.91 -5.08	78.62 3.96 -5.21	72.02 3.93 -2.56	71.25 3.84 -2.23	71.19 3.84 -2.24	71.05 3.77 -2.23	74.76 4.25 -3.11	98.57 5.13 -15.75	120.97 6.03 -26.25	120.11 6.15 -27.30	117.54 5.88 -30.09	106.64 5.57 -22.66	90.38 5.20 -11.92	72.59 4.28 -2.45	70.85 3.39 -2.22
NYPA_POUCH1____GT 24155	69.45 3.72 -0.35	67.77 2.92 0.00	67.90 3.05 0.00	66.98 2.32 0.00	66.91 2.32 0.00	67.12 2.40 0.00	67.65 2.67 0.00	67.95 2.85 -0.25	70.19 3.26 -1.68	76.10 3.64 -5.08	78.34 3.68 -5.21	71.76 3.67 -2.56	70.99 3.58 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.56 4.04 -3.11	98.44 4.98 -15.77	122.04 5.85 -27.50	121.19 6.15 -28.39	123.17 5.79 -35.80	110.87 5.49 -26.97	90.23 5.05 -11.92	72.39 4.08 -2.45	70.66 3.20 -2.22
NYPA_VERNON____GT2 24162	69.58 3.86 -0.35	67.96 3.11 0.00	68.09 3.24 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.08	78.55 3.89 -5.21	71.95 3.87 -2.56	71.18 3.78 -2.23	71.12 3.77 -2.24	70.98 3.71 -2.23	74.69 4.18 -3.11	98.46 5.05 -15.72	119.54 5.85 -25.00	118.94 6.06 -26.22	111.66 5.71 -24.38	102.24 5.49 -18.34	90.23 5.05 -11.92	72.53 4.22 -2.45	70.79 3.33 -2.22
NYPA_VERNON____GT3 24163	69.58 3.86 -0.35	67.96 3.11 0.00	68.09 3.24 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.37 2.65 0.00	67.91 2.93 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.08	78.55 3.89 -5.21	71.95 3.87 -2.56	71.18 3.78 -2.23	71.12 3.77 -2.24	70.98 3.71 -2.23	74.69 4.18 -3.11	98.46 5.05 -15.72	119.54 5.85 -25.00	118.94 6.06 -26.22	111.66 5.71 -24.38	102.24 5.49 -18.34	90.23 5.05 -11.92	72.53 4.22 -2.45	70.79 3.33 -2.22
NYPA__ASTORIA_CC1 323568	69.58 3.86 -0.35	67.96 3.11 0.00	68.09 3.24 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.23 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.64 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.90 -15.71	119.02 5.76 -24.57	118.40 5.90 -25.85	109.64 5.62 -22.44	100.62 5.33 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
NYPA__ASTORIA_CC2 323569	69.58 3.86 -0.35	67.96 3.11 0.00	68.09 3.24 0.00	67.31 2.65 0.00	67.18 2.59 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.23 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.64 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.30 4.90 -15.71	119.02 5.76 -24.57	118.40 5.90 -25.85	109.64 5.62 -22.44	100.62 5.33 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
NYPA__HOLTSVILL 23794	94.73 5.42 -23.92	89.51 4.73 -19.93	87.49 4.73 -17.91	87.39 4.33 -18.40	87.39 4.33 -18.47	78.30 4.34 -9.25	86.54 4.74 -16.82	89.65 5.06 -19.74	89.58 5.35 -18.98	138.34 5.93 -65.02	108.91 6.04 -33.42	130.39 5.83 -59.04	108.77 5.67 -37.93	106.74 5.53 -36.10	112.21 5.66 -41.51	145.70 6.33 -71.97	181.76 7.07 -97.00	221.52 8.43 -124.40	268.34 8.32 -173.37	217.99 7.83 -128.59	242.34 7.53 -156.40	149.10 6.88 -68.96	141.93 6.13 -69.94	129.53 5.15 -59.13
NYPA__HELLGATE_GT1 24158	69.92 4.19 -0.36	68.29 3.43 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.43 2.84 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.12 3.20 -1.68	76.02 3.57 -5.07	78.27 3.61 -5.20	71.68 3.60 -2.55	70.91 3.52 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.34 3.84 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.22 5.72 -25.84	109.47 5.47 -22.43	100.45 5.17 -16.87	90.01 4.83 -11.92	72.46 4.15 -2.45	70.98 3.52 -2.22
NYPA__HELLGATE_GT2 24159	69.92 4.19 -0.36	68.29 3.43 -0.01	68.36 3.50 -0.01	67.50 2.84 0.00	67.43 2.84 0.00	67.37 2.65 0.00	67.71 2.73 0.00	67.88 2.79 -0.24	70.12 3.20 -1.68	76.02 3.57 -5.07	78.27 3.61 -5.20	71.68 3.60 -2.55	70.91 3.52 -2.22	70.85 3.51 -2.23	70.78 3.51 -2.22	74.34 3.84 -3.11	98.14 4.74 -15.71	118.84 5.59 -24.56	118.22 5.72 -25.84	109.47 5.47 -22.43	100.45 5.17 -16.87	90.01 4.83 -11.92	72.46 4.15 -2.45	70.98 3.52 -2.22
NYS_BARGE__HYD 23848	61.39 -3.99 0.00	60.12 -4.73 0.00	59.86 -4.99 0.00	60.00 -4.66 0.00	59.74 -4.85 0.00	60.32 -4.40 0.00	60.30 -4.68 0.00	58.37 -6.48 0.00	59.11 -6.14 0.00	62.40 -4.99 0.00	64.18 -5.28 0.00	60.15 -5.37 0.00	58.33 -6.84 0.00	58.73 -6.38 0.00	58.22 -6.83 0.00	61.74 -5.66 0.00	70.39 -7.31 0.00	80.53 -8.16 0.00	77.99 -8.66 0.00	74.07 -7.50 0.00	71.28 -7.13 0.00	67.54 -5.71 0.00	61.84 -4.02 0.00	60.80 -4.44 0.00

OAK ORCHARD___HYD 24046	63.09 -2.29 0.00	62.06 -2.79 0.00	61.87 -2.98 0.00	61.88 -2.78 0.00	61.68 -2.91 0.00	62.06 -2.66 0.00	62.25 -2.73 0.00	61.09 -3.76 0.00	61.79 -3.46 0.00	64.76 -2.63 0.00	66.75 -2.71 0.00	62.71 -2.82 0.00	61.46 -3.71 0.00	61.72 -3.39 0.00	61.34 -3.70 0.00	64.57 -2.83 0.00	73.89 -3.81 0.00	84.61 -4.08 0.00	82.32 -4.33 0.00	77.74 -3.83 0.00	74.81 -3.61 0.00	70.33 -2.93 0.00	63.75 -2.11 0.00	62.69 -2.55 0.00
OAKDALE___35_KV_LOAD 356122	65.28 -0.26 -0.16	64.20 -0.65 0.00	64.14 -0.71 0.00	63.94 -0.71 0.00	63.82 -0.78 0.00	63.68 -1.04 0.00	63.88 -1.10 0.00	64.06 -0.91 -0.12	65.51 -0.52 -0.79	69.63 -0.13 -2.37	71.68 -0.21 -2.43	66.33 -0.39 -1.20	65.30 -0.91 -1.04	65.31 -0.85 -1.05	64.38 -0.91 -0.25	68.45 -0.40 -1.46	79.14 -0.39 -1.83	92.63 -0.18 -4.11	92.07 -0.35 -5.76	85.84 -0.24 -4.51	81.11 -0.24 -2.93	75.63 -0.15 -2.52	67.07 0.07 -1.14	65.95 -0.33 -1.03
OCC_CHEM___DRP 24175	60.80 -4.58 0.00	59.53 -5.32 0.00	59.34 -5.51 0.00	59.48 -5.17 0.00	59.23 -5.36 0.00	58.44 -6.28 0.00	57.31 -7.67 0.00	57.33 -7.52 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.43 -7.61 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.60 -10.05 0.00	72.76 -8.81 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	60.28 -4.96 0.00
OH_GEN_PROXY 24063	61.19 -4.19 0.00	59.92 -4.93 0.00	59.73 -5.12 0.00	59.80 -4.85 0.00	59.55 -5.04 0.00	60.19 -4.53 0.00	60.11 -4.87 0.00	58.23 -6.62 0.00	58.92 -6.33 0.00	62.20 -5.19 0.00	63.90 -5.56 0.00	59.96 -5.57 0.00	58.20 -6.97 0.00	58.60 -6.51 0.00	58.09 -6.96 0.00	61.53 -5.86 0.00	70.16 -7.53 0.00	80.17 -8.51 0.00	77.64 -9.01 0.00	73.74 -7.83 0.00	70.96 -7.45 0.00	67.25 -6.01 0.00	61.51 -4.35 0.00	60.54 -4.70 0.00
OLIN_CORP_DRP 24177	60.35 -5.03 0.00	59.08 -5.77 0.00	58.88 -5.97 0.00	59.03 -5.62 0.00	58.78 -5.81 0.00	57.99 -6.73 0.00	57.31 -7.67 0.00	57.33 -7.52 0.00	58.27 -6.98 0.00	61.59 -5.80 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.37 -7.68 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.29 -9.40 0.00	76.69 -9.97 0.00	72.84 -8.73 0.00	70.18 -8.23 0.00	66.52 -6.74 0.00	60.98 -4.87 0.00	60.02 -5.22 0.00
OLIN_CORP_DSASP 323712	61.13 -4.25 0.00	59.79 -5.06 0.00	59.60 -5.25 0.00	59.74 -4.92 0.00	59.49 -5.10 0.00	60.06 -4.66 0.00	59.59 -5.39 0.00	57.52 -7.33 0.00	58.27 -6.98 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.30 -6.23 0.00	57.48 -7.69 0.00	57.88 -7.23 0.00	57.43 -7.61 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.60 -10.05 0.00	72.84 -8.73 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	60.28 -4.96 0.00
ONEIDA_HERK_LFGE 323681	67.41 2.03 0.00	66.79 1.94 0.00	66.66 1.81 0.00	66.53 1.88 0.00	66.46 1.87 0.00	66.66 1.94 0.00	67.00 2.02 0.00	66.92 2.07 0.00	67.53 2.28 0.00	69.88 2.49 0.00	72.10 2.64 0.00	67.82 2.29 0.00	67.32 2.15 0.00	67.13 2.02 0.00	66.99 1.95 0.00	69.49 2.09 0.00	80.25 2.56 0.00	91.88 3.19 0.00	89.60 2.95 0.00	84.35 2.77 0.00	81.08 2.67 0.00	75.75 2.49 0.00	68.03 2.17 0.00	67.33 2.09 0.00
ONEIDA___115KV_TB4 55905	67.15 1.77 0.00	66.47 1.62 0.00	66.41 1.56 0.00	66.21 1.55 0.00	66.14 1.55 0.00	66.21 1.49 0.00	66.47 1.49 0.00	66.54 1.69 0.00	67.34 2.09 0.00	69.68 2.29 0.00	71.96 2.50 0.00	67.62 2.10 0.00	67.00 1.82 0.00	66.87 1.76 0.00	66.74 1.69 0.00	69.42 2.02 0.00	80.02 2.33 0.00	91.70 3.02 0.00	89.34 2.69 0.00	84.10 2.53 0.00	80.84 2.43 0.00	75.53 2.27 0.00	67.90 2.04 0.00	67.07 1.83 0.00
ONONDAGA_REF_OCCRA 23987	64.01 -1.37 0.00	63.23 -1.62 0.00	63.10 -1.75 0.00	62.91 -1.75 0.00	62.85 -1.74 0.00	62.84 -1.88 0.00	63.03 -1.95 0.00	63.10 -1.75 0.00	63.81 -1.44 0.00	66.24 -1.15 0.00	68.35 -1.11 0.00	64.28 -1.25 0.00	63.55 -1.63 0.00	63.48 -1.63 0.00	63.42 -1.63 0.00	66.18 -1.21 0.00	76.37 -1.32 0.00	87.36 -1.33 0.00	85.27 -1.39 0.00	80.27 -1.31 0.00	77.16 -1.25 0.00	72.09 -1.17 0.00	64.94 -0.92 0.00	64.00 -1.24 0.00
ONONDAGA___COGEN 23986	63.68 -1.70 0.00	62.90 -1.95 0.00	62.84 -2.01 0.00	62.65 -2.00 0.00	62.52 -2.07 0.00	62.52 -2.20 0.00	62.71 -2.27 0.00	62.77 -2.08 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	64.02 -1.51 0.00	63.28 -1.89 0.00	63.22 -1.89 0.00	63.16 -1.89 0.00	65.85 -1.55 0.00	75.98 -1.71 0.00	86.83 -1.86 0.00	84.83 -1.82 0.00	79.86 -1.71 0.00	76.76 -1.65 0.00	71.72 -1.54 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
ONTARIO___LFGE 23819	66.03 0.65 0.00	65.05 0.20 0.00	64.79 -0.06 0.00	64.53 -0.13 0.00	64.40 -0.19 0.00	64.78 0.06 0.00	65.18 0.20 0.00	64.53 -0.32 0.00	65.32 0.07 0.00	67.92 0.54 0.00	69.95 0.49 0.00	65.53 0.00 0.00	64.26 -0.91 0.00	64.26 -0.85 0.00	64.07 -0.97 0.00	67.40 0.00 0.00	76.53 -1.16 0.00	87.89 -0.80 0.00	85.70 -0.95 0.00	80.68 -0.90 0.00	77.55 -0.86 0.00	72.53 -0.73 0.00	65.53 -0.33 0.00	64.46 -0.78 0.00
ORANGEVILLE_WT_PWR 323706	63.24 -2.22 -0.09	62.00 -2.85 0.00	61.74 -3.11 0.00	61.75 -2.91 0.00	61.49 -3.10 0.00	61.87 -2.85 0.00	61.86 -3.12 0.00	60.44 -4.47 -0.06	61.56 -4.11 -0.41	65.47 -3.17 -1.25	67.20 -3.54 -1.28	62.29 -3.87 -0.63	60.38 -5.34 -0.55	60.52 -5.14 -0.55	59.65 -5.53 -0.13	63.78 -4.38 -0.77	73.30 -5.36 -0.97	85.09 -5.76 -2.17	83.54 -6.15 -3.04	78.73 -5.22 -2.38	75.02 -4.94 -1.55	70.70 -3.88 -1.33	63.96 -2.50 -0.60	62.92 -2.87 -0.55
ORANGEVILLE___ESR 323794	63.24 -2.22 -0.09	62.00 -2.85 0.00	61.74 -3.11 0.00	61.75 -2.91 0.00	61.49 -3.10 0.00	61.87 -2.85 0.00	61.86 -3.12 0.00	60.44 -4.47 -0.06	61.56 -4.11 -0.41	65.47 -3.17 -1.25	67.20 -3.54 -1.28	62.29 -3.87 -0.63	60.38 -5.34 -0.55	60.52 -5.14 -0.55	59.65 -5.53 -0.13	63.78 -4.38 -0.77	73.30 -5.36 -0.97	85.09 -5.76 -2.17	83.54 -6.15 -3.04	78.73 -5.22 -2.38	75.02 -4.94 -1.55	70.70 -3.88 -1.33	63.96 -2.50 -0.60	62.92 -2.87 -0.55
OSWEGATCHIE___HYD 24044	66.56 1.18 0.00	66.27 1.42 0.00	66.15 1.30 0.00	66.14 1.49 0.00	66.14 1.55 0.00	66.21 1.49 0.00	66.28 1.30 0.00	66.21 1.36 0.00	66.55 1.30 0.00	68.53 1.14 0.00	70.71 1.25 0.00	66.64 1.11 0.00	66.41 1.24 0.00	66.28 1.17 0.00	66.22 1.17 0.00	68.27 0.87 0.00	78.63 0.94 0.00	89.39 0.71 0.00	87.18 0.52 0.00	81.98 0.41 0.00	78.88 0.47 0.00	74.07 0.81 0.00	66.71 0.85 0.00	66.42 1.18 0.00
OSWEGO___5 23606	63.16 -2.22 0.00	62.45 -2.40 0.00	62.39 -2.46 0.00	62.26 -2.39 0.00	62.14 -2.45 0.00	62.39 -2.33 0.00	62.70 -2.28 0.00	62.39 -2.46 0.00	62.96 -2.29 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.37 -2.16 0.00	62.70 -2.48 0.00	62.64 -2.47 0.00	62.57 -2.47 0.00	65.18 -2.22 0.00	75.13 -2.56 0.00	85.76 -2.92 0.00	83.80 -2.86 0.00	78.88 -2.69 0.00	75.90 -2.51 0.00	70.91 -2.35 0.00	63.88 -1.97 0.00	63.09 -2.15 0.00

PGE MADISON___WINDPWR 24146	71.24 5.62 -0.23	70.36 5.51 0.00	70.23 5.38 0.00	70.09 5.43 0.00	69.95 5.36 0.00	70.48 5.76 0.00	70.89 5.91 0.00	70.73 5.71 -0.17	72.64 6.26 -1.13	77.26 6.47 -3.41	79.34 6.39 -3.49	72.68 5.44 -1.72	71.23 4.56 -1.50	70.78 4.17 -1.50	69.44 4.03 -0.36	74.27 4.79 -2.09	86.55 6.22 -2.64	103.20 8.60 -5.91	103.07 8.14 -8.28	95.80 7.75 -6.48	89.83 7.21 -4.21	83.33 6.45 -3.62	73.23 5.73 -1.64	72.21 5.48 -1.49
PIERCEFIELD___HYD 23852	66.30 0.92 0.00	66.41 1.56 0.00	66.34 1.49 0.00	66.40 1.75 0.00	66.40 1.81 0.00	66.79 2.07 0.00	66.93 1.95 0.00	66.34 1.49 0.00	66.29 1.04 0.00	67.99 0.61 0.00	70.01 0.56 0.00	66.12 0.59 0.00	66.15 0.98 0.00	66.09 0.98 0.00	66.09 1.04 0.00	67.87 0.47 0.00	77.93 0.23 0.00	87.71 -0.98 0.00	85.70 -0.95 0.00	80.59 -0.98 0.00	77.55 -0.86 0.00	73.04 -0.22 0.00	65.92 0.07 0.00	66.09 0.85 0.00
PINELAWN_CC_1 323563	94.41 5.10 -23.92	89.19 4.41 -19.93	87.23 4.47 -17.91	87.07 4.01 -18.40	87.00 3.94 -18.47	78.05 4.08 -9.25	86.22 4.42 -16.82	89.19 4.60 -19.74	89.19 4.96 -18.98	137.86 5.46 -65.02	108.43 5.56 -33.42	129.94 5.37 -59.04	108.32 5.22 -37.93	106.35 5.14 -36.10	111.76 5.21 -41.51	145.16 5.80 -71.97	151.16 6.68 -66.78	163.75 7.99 -67.07	175.02 7.97 -80.40	162.11 7.50 -73.04	162.20 7.21 -76.58	148.75 6.60 -68.89	141.47 5.66 -69.94	129.20 4.83 -59.13
PJM_GEN_HTP_PROXY 323702	69.12 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.32 0.00	66.85 2.26 0.00	67.12 2.40 0.00	67.71 2.73 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.10 3.64 -5.07	78.41 3.75 -5.20	71.75 3.67 -2.56	70.99 3.58 -2.23	70.86 3.51 -2.24	70.79 3.51 -2.23	74.42 3.91 -3.11	98.10 4.66 -15.75	118.80 5.50 -24.62	118.17 5.63 -25.89	109.34 5.30 -22.47	100.41 5.09 -16.91	89.89 4.69 -11.94	72.19 3.88 -2.45	70.46 3.00 -2.22
PJM_GEN_KEystone 24065	50.81 -0.39 14.18	52.70 -0.97 11.18	49.18 -1.04 14.63	48.87 -1.16 14.62	48.89 -1.23 14.47	48.96 -1.04 14.72	53.50 -0.97 10.51	59.24 -1.36 4.25	57.70 -1.05 6.50	59.70 -0.54 7.15	58.10 -0.63 10.73	57.40 -0.66 7.47	54.70 -1.24 9.23	55.70 -1.17 8.24	53.80 -1.30 9.94	55.20 -0.67 11.52	58.90 -0.85 17.94	68.72 -0.80 19.17	71.65 -0.87 14.14	66.44 -0.66 14.48	64.90 -0.63 12.88	63.40 -0.36 9.49	58.54 -0.13 7.19	54.40 -0.72 10.12
PJM_GEN_NEPTUNE_PROXY 323594	82.53 4.05 -13.09	79.00 3.37 -10.78	78.03 3.50 -9.68	77.64 3.04 -9.95	77.55 2.97 -9.99	72.83 3.11 -5.00	77.52 3.44 -9.10	79.26 3.63 -10.78	80.27 3.98 -11.04	109.24 4.38 -37.48	94.36 4.45 -20.45	102.94 4.32 -33.09	90.94 4.23 -21.53	89.82 4.17 -20.54	92.68 4.17 -23.47	112.32 4.59 -40.33	125.28 5.44 -42.15	140.46 6.47 -45.30	144.82 6.50 -51.67	135.30 6.12 -47.61	130.29 5.88 -46.00	121.41 5.42 -42.73	109.33 4.54 -38.93	101.94 3.72 -32.98
PJM_GEN_VFT_PROXY 323633	65.16 2.94 3.17	65.16 2.27 1.96	65.16 2.40 2.09	65.16 1.88 1.37	65.22 1.87 1.24	65.15 1.94 1.51	65.16 2.27 2.10	65.15 2.53 2.23	65.15 2.87 2.97	65.22 3.23 5.40	65.22 3.27 7.50	65.22 3.27 3.58	65.22 3.19 3.15	65.16 3.13 3.08	65.22 3.12 2.95	65.15 3.50 5.75	64.50 4.19 17.38	55.44 4.96 38.21	53.67 5.11 38.10	50.56 4.81 35.82	54.69 4.63 28.35	66.15 4.25 11.36	65.15 3.42 4.13	65.15 2.54 2.63
PLATSBURG_115KV_PMLD1 355749	67.21 1.83 0.00	67.25 2.40 0.00	67.12 2.27 0.00	67.11 2.46 0.00	67.11 2.52 0.00	67.57 2.85 0.00	67.25 2.27 0.00	66.73 1.88 0.00	66.75 1.50 0.00	68.60 1.21 0.00	70.64 1.18 0.00	66.71 1.18 0.00	66.74 1.56 0.00	66.61 1.50 0.00	66.61 1.56 0.00	68.54 1.15 0.00	78.86 1.17 0.00	89.49 0.80 0.00	87.35 0.69 0.00	81.98 0.41 0.00	78.49 0.08 0.00	73.04 -0.22 0.00	65.46 -0.40 0.00	66.02 0.78 0.00
PLEASANTVLY___LBMP 24000	68.82 3.07 -0.37	67.38 2.53 0.00	67.44 2.59 0.00	66.85 2.20 0.00	66.79 2.20 0.00	66.86 2.14 0.00	67.32 2.34 0.00	67.84 2.72 -0.27	70.05 3.00 -1.80	76.18 3.37 -5.43	78.43 3.40 -5.56	71.61 3.34 -2.74	70.82 3.26 -2.38	70.69 3.19 -2.39	69.82 3.19 -1.58	74.30 3.57 -3.33	93.20 4.27 -11.24	112.49 4.97 -18.84	112.95 5.03 -21.27	104.27 4.73 -17.96	96.08 4.63 -13.04	87.18 4.25 -9.67	71.97 3.49 -2.62	70.35 2.74 -2.37
PLSNTVLE_13_KV_13.8KVDIST 80602	69.07 3.33 -0.35	67.57 2.72 0.00	67.64 2.79 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.02 2.92 -0.25	70.23 3.26 -1.71	76.20 3.64 -5.17	78.51 3.75 -5.30	71.74 3.60 -2.61	70.97 3.52 -2.27	70.84 3.45 -2.28	70.53 3.45 -2.04	74.41 3.84 -3.17	96.73 4.66 -14.38	117.04 5.50 -22.86	116.67 5.55 -24.47	107.89 5.22 -21.10	99.16 5.02 -15.73	89.12 4.62 -11.24	72.18 3.82 -2.50	70.44 2.94 -2.26
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	69.07 3.33 -0.35	67.57 2.72 0.00	67.64 2.79 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.02 2.92 -0.25	70.23 3.26 -1.71	76.20 3.64 -5.17	78.51 3.75 -5.30	71.74 3.60 -2.61	70.97 3.52 -2.27	70.84 3.45 -2.28	70.53 3.45 -2.04	74.41 3.84 -3.17	96.73 4.66 -14.38	117.04 5.50 -22.86	116.67 5.55 -24.47	107.89 5.22 -21.10	99.16 5.02 -15.73	89.12 4.62 -11.24	72.18 3.82 -2.50	70.44 2.94 -2.26
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	69.36 3.60 -0.39	67.90 3.05 0.00	67.96 3.11 0.00	67.44 2.78 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.71 2.73 0.00	68.24 3.11 -0.28	70.52 3.39 -1.88	76.90 3.84 -5.67	79.16 3.89 -5.81	72.12 3.74 -2.86	71.31 3.65 -2.49	71.19 3.58 -2.50	69.65 3.58 -1.03	74.85 3.98 -3.48	89.88 4.82 -7.37	108.19 5.68 -13.83	109.66 5.81 -17.20	100.98 5.38 -14.02	93.36 5.25 -9.69	85.70 4.76 -7.68	72.61 4.02 -2.74	70.98 3.26 -2.48
POLETTI___ 23519	69.13 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.13 3.20 -1.68	76.03 3.57 -5.07	78.28 3.61 -5.20	71.69 3.60 -2.56	70.92 3.52 -2.23	70.80 3.45 -2.24	70.72 3.45 -2.23	74.35 3.84 -3.11	98.00 4.58 -15.72	118.68 5.41 -24.59	118.06 5.55 -25.86	109.24 5.22 -22.45	100.32 5.02 -16.89	89.80 4.62 -11.93	72.13 3.82 -2.45	70.40 2.94 -2.22
POMONA___ESR 323819	68.12 2.42 -0.32	66.66 1.81 0.00	66.79 1.94 0.00	66.14 1.49 0.00	66.08 1.49 0.00	66.34 1.62 0.00	66.80 1.82 0.00	67.09 2.01 -0.23	69.16 2.35 -1.56	74.72 2.63 -4.71	77.00 2.71 -4.83	70.59 2.69 -2.38	69.85 2.61 -2.07	69.72 2.54 -2.08	65.62 2.53 1.96	73.18 2.90 -2.89	67.78 3.50 13.42	78.23 4.17 14.63	82.89 4.33 8.10	76.05 4.00 9.52	72.82 3.92 9.51	72.36 3.52 4.41	70.96 2.83 -2.27	69.39 2.09 -2.06
PORT_JEFF_3 23555	94.99 5.69 -23.92	89.77 4.99 -19.93	87.75 4.99 -17.91	87.65 4.59 -18.40	87.58 4.52 -18.47	78.56 4.60 -9.25	86.81 5.00 -16.82	89.84 5.25 -19.74	89.85 5.61 -18.98	138.60 6.20 -65.02	109.19 6.32 -33.42	130.66 6.09 -59.04	109.04 5.93 -37.93	107.00 5.79 -36.10	112.47 5.92 -41.51	145.97 6.61 -71.97	184.64 7.46 -99.48	226.50 8.70 -129.11	276.33 8.66 -181.01	222.88 8.16 -133.15	249.21 7.84 -162.96	149.48 7.25 -68.96	142.19 6.39 -69.94	129.85 5.48 -59.13

PORT_JEFF_4 23616	94.99 5.69 -23.92	89.77 4.99 -19.93	87.75 4.99 -17.91	87.65 4.59 -18.40	87.58 4.52 -18.47	78.56 4.60 -9.25	86.81 5.00 -16.82	89.84 5.25 -19.74	89.85 5.61 -18.98	138.60 6.20 -65.02	109.19 6.32 -33.42	130.66 6.09 -59.04	109.04 5.93 -37.93	107.00 5.79 -36.10	112.47 5.92 -41.51	145.97 6.61 -71.97	184.64 7.46 -99.48	226.50 8.70 -129.11	276.33 8.66 -181.01	222.88 8.16 -133.15	249.21 7.84 -162.96	149.48 7.25 -68.96	142.19 6.39 -69.94	129.85 5.48 -59.13
PORT_JEFF_IC 23713	94.98 5.69 -23.91	89.77 4.99 -19.92	87.74 4.99 -17.90	87.64 4.59 -18.39	87.64 4.59 -18.46	78.36 4.40 -9.24	86.54 4.74 -16.82	89.90 5.32 -19.73	89.90 5.68 -18.98	138.67 6.27 -65.01	109.19 6.32 -33.41	130.72 6.16 -59.03	109.09 6.00 -37.92	107.06 5.86 -36.09	112.53 5.98 -41.50	146.03 6.67 -71.96	189.39 7.61 -104.08	235.22 8.69 -137.84	290.58 8.75 -195.17	231.34 8.16 -141.61	261.37 7.84 -175.11	149.62 7.40 -68.97	142.25 6.45 -69.94	129.84 5.48 -59.12
PPL PILGRIM_ST_GT1 24216	95.06 5.75 -23.92	89.84 5.06 -19.93	87.88 5.12 -17.91	87.72 4.66 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.90 5.32 -19.74	89.91 5.67 -18.98	138.60 6.20 -65.02	109.19 6.32 -33.42	130.66 6.09 -59.04	109.04 5.93 -37.93	107.07 5.86 -36.10	112.47 5.92 -41.51	145.97 6.61 -71.97	156.46 7.23 -71.55	173.40 8.60 -76.11	190.29 8.58 -95.05	171.44 8.08 -81.80	175.34 7.76 -89.16	149.20 7.03 -68.90	142.19 6.39 -69.94	129.85 5.48 -59.13
PPL PILGRIM_ST_GT2 24217	95.06 5.75 -23.92	89.84 5.06 -19.93	87.88 5.12 -17.91	87.72 4.66 -18.40	87.72 4.65 -18.47	78.63 4.66 -9.25	86.88 5.07 -16.82	89.90 5.32 -19.74	89.91 5.67 -18.98	138.60 6.20 -65.02	109.19 6.32 -33.42	130.66 6.09 -59.04	109.04 5.93 -37.93	107.07 5.86 -36.10	112.47 5.92 -41.51	145.97 6.61 -71.97	156.46 7.23 -71.55	173.40 8.60 -76.11	190.29 8.58 -95.05	171.44 8.08 -81.80	175.34 7.76 -89.16	149.20 7.03 -68.90	142.19 6.39 -69.94	129.85 5.48 -59.13
PPL_SHRM_GT3 24213	95.12 5.82 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.84 4.78 -18.40	87.84 4.78 -18.47	78.69 4.72 -9.25	87.00 5.20 -16.82	90.09 5.51 -19.74	90.11 5.87 -18.98	138.94 6.53 -65.02	109.48 6.60 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.37 7.01 -71.97	184.90 7.93 -99.28	226.91 9.49 -128.72	276.31 9.28 -180.38	223.08 8.73 -132.77	249.29 8.47 -162.41	149.84 7.62 -68.96	142.52 6.72 -69.94	130.05 5.67 -59.13
PPL_SHRM_GT4 24214	95.12 5.82 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.84 4.78 -18.40	87.84 4.78 -18.47	78.69 4.72 -9.25	87.00 5.20 -16.82	90.09 5.51 -19.74	90.11 5.87 -18.98	138.94 6.53 -65.02	109.48 6.60 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.37 7.01 -71.97	184.90 7.93 -99.28	226.91 9.49 -128.72	276.31 9.28 -180.38	223.08 8.73 -132.77	249.29 8.47 -162.41	149.84 7.62 -68.96	142.52 6.72 -69.94	130.05 5.67 -59.13
PROJECT___ORANGE 1 24174	63.68 -1.70 0.00	62.84 -2.01 0.00	62.77 -2.08 0.00	62.59 -2.07 0.00	62.52 -2.07 0.00	62.45 -2.27 0.00	62.64 -2.34 0.00	62.71 -2.14 0.00	63.42 -1.83 0.00	65.84 -1.55 0.00	67.93 -1.53 0.00	63.95 -1.57 0.00	63.22 -1.96 0.00	63.16 -1.95 0.00	63.09 -1.95 0.00	65.78 -1.62 0.00	75.91 -1.79 0.00	86.74 -1.95 0.00	84.66 -1.99 0.00	79.78 -1.79 0.00	76.69 -1.73 0.00	71.65 -1.61 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
PROJECT___ORANGE 2 24166	63.68 -1.70 0.00	62.84 -2.01 0.00	62.77 -2.08 0.00	62.59 -2.07 0.00	62.52 -2.07 0.00	62.45 -2.27 0.00	62.64 -2.34 0.00	62.71 -2.14 0.00	63.42 -1.83 0.00	65.84 -1.55 0.00	67.93 -1.53 0.00	63.95 -1.57 0.00	63.22 -1.96 0.00	63.16 -1.95 0.00	63.09 -1.95 0.00	65.78 -1.62 0.00	75.91 -1.79 0.00	86.74 -1.95 0.00	84.66 -1.99 0.00	79.78 -1.79 0.00	76.69 -1.73 0.00	71.65 -1.61 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
PUCKETT___SOLAR 323809	66.88 1.31 -0.20	65.82 0.97 0.00	65.69 0.84 0.00	65.49 0.84 0.00	65.43 0.84 0.00	65.75 1.03 0.00	66.08 1.10 0.00	65.83 0.84 -0.14	67.31 1.11 -0.96	71.69 1.42 -2.88	73.80 1.39 -2.95	67.97 0.98 -1.45	66.90 0.46 -1.27	66.84 0.46 -1.27	65.74 0.39 -0.30	70.11 0.94 -1.77	81.32 1.40 -2.23	95.91 2.22 -5.00	95.65 1.99 -7.00	89.00 1.95 -5.48	83.78 1.80 -3.56	78.01 1.69 -3.06	68.89 1.65 -1.39	67.73 1.24 -1.26
PYRITES___HYD 24023	67.34 1.96 0.00	67.51 2.66 0.00	67.38 2.53 0.00	67.44 2.78 0.00	67.43 2.84 0.00	67.83 3.11 0.00	67.97 2.99 0.00	67.38 2.53 0.00	67.34 2.09 0.00	68.94 1.55 0.00	70.99 1.53 0.00	66.97 1.44 0.00	67.00 1.82 0.00	66.93 1.82 0.00	66.93 1.89 0.00	68.81 1.42 0.00	79.09 1.40 0.00	89.49 0.80 0.00	87.26 0.61 0.00	82.14 0.57 0.00	78.96 0.55 0.00	74.14 0.88 0.00	66.91 1.05 0.00	67.13 1.89 0.00
QUAKERRD_115KV_BK1 80622	61.78 -3.60 0.00	60.83 -4.02 0.00	60.70 -4.15 0.00	60.65 -4.01 0.00	60.52 -4.07 0.00	60.12 -4.60 0.00	59.98 -5.00 0.00	60.05 -4.80 0.00	60.88 -4.37 0.00	63.68 -3.71 0.00	65.64 -3.82 0.00	61.73 -3.80 0.00	60.61 -4.56 0.00	60.81 -4.30 0.00	60.49 -4.55 0.00	63.56 -3.84 0.00	72.88 -4.82 0.00	83.46 -5.23 0.00	81.19 -5.46 0.00	76.68 -4.89 0.00	73.78 -4.63 0.00	69.23 -4.03 0.00	62.70 -3.16 0.00	61.72 -3.52 0.00
QUEENSBRY_115KV_TB8 356137	74.84 5.82 -3.65	70.36 5.51 0.00	70.43 5.58 0.00	70.09 5.43 0.00	70.02 5.43 0.00	69.77 5.05 0.00	70.44 5.46 0.00	73.17 5.71 -2.62	88.90 5.94 -17.72	127.21 6.40 -53.42	130.85 6.60 -54.79	98.59 6.09 -26.97	94.44 5.80 -23.47	94.39 5.73 -23.55	76.63 5.66 -5.93	106.18 6.00 -32.78	128.16 6.99 -43.47	192.41 8.07 -95.65	226.92 7.97 -132.29	193.11 7.50 -104.03	153.58 7.14 -68.03	138.10 6.74 -58.10	97.66 5.99 -25.81	94.35 5.74 -23.37
RAMAPO___LBMP 323565	67.92 2.22 -0.32	66.54 1.69 0.00	66.60 1.75 0.00	66.01 1.36 0.00	65.95 1.36 0.00	66.01 1.29 0.00	66.47 1.49 0.00	66.96 1.88 -0.23	69.02 2.22 -1.55	74.55 2.49 -4.67	76.82 2.57 -4.79	70.38 2.49 -2.36	69.64 2.41 -2.05	69.51 2.34 -2.06	65.48 2.34 1.91	72.96 2.70 -2.87	67.90 3.26 13.06	78.41 3.90 14.18	82.98 4.07 7.74	76.15 3.75 9.17	72.88 3.69 9.21	72.32 3.30 4.24	70.82 2.70 -2.26	69.24 1.96 -2.04
RANKINE____ 23646	62.70 -2.68 0.00	61.35 -3.50 0.00	61.15 -3.70 0.00	61.29 -3.36 0.00	60.97 -3.62 0.00	60.19 -4.53 0.00	59.65 -5.33 0.00	59.79 -5.06 0.00	60.75 -4.50 0.00	64.09 -3.30 0.00	65.85 -3.61 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.65 -5.40 0.00	63.15 -4.25 0.00	72.18 -5.52 0.00	82.66 -6.03 0.00	80.07 -6.59 0.00	76.02 -5.55 0.00	73.24 -5.18 0.00	69.38 -3.88 0.00	63.49 -2.37 0.00	62.37 -2.87 0.00
RAVENSWOOD_GT2_1 24244	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.15 4.74 -15.72	118.85 5.59 -24.57	118.23 5.72 -25.85	109.40 5.38 -22.44	100.47 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22

RAVENSWOOD_GT2_2 24245	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.15 4.74 -15.72	118.85 5.59 -24.57	118.23 5.72 -25.85	109.40 5.38 -22.44	100.47 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT2_3 24246	69.19 3.47 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.51 2.53 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.17 3.71 -5.08	78.48 3.82 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.99 3.65 -2.24	70.85 3.58 -2.23	74.56 4.04 -3.11	98.22 4.82 -15.71	118.94 5.68 -24.57	118.31 5.81 -25.85	109.39 5.38 -22.44	100.54 5.25 -16.88	90.01 4.84 -11.92	72.26 3.95 -2.45	70.53 3.07 -2.22
RAVENSWOOD_GT2_4 24247	69.19 3.47 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.51 2.53 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.17 3.71 -5.08	78.48 3.82 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.99 3.65 -2.24	70.85 3.58 -2.23	74.56 4.04 -3.11	98.22 4.82 -15.71	118.94 5.68 -24.57	118.31 5.81 -25.85	109.39 5.38 -22.44	100.54 5.25 -16.88	90.01 4.84 -11.92	72.26 3.95 -2.45	70.53 3.07 -2.22
RAVENSWOOD_GT3_1 24248	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.23 4.82 -15.72	118.85 5.59 -24.57	118.23 5.72 -25.85	109.40 5.38 -22.44	100.47 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT3_2 24249	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.23 4.82 -15.72	118.85 5.59 -24.57	118.23 5.72 -25.85	109.40 5.38 -22.44	100.47 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT3_3 24250	69.26 3.53 -0.35	67.70 2.85 0.00	67.83 2.98 0.00	67.11 2.46 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.39 3.46 -1.68	76.24 3.77 -5.07	78.55 3.89 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	71.06 3.71 -2.24	70.92 3.64 -2.23	74.62 4.11 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.40 5.89 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.33 4.02 -2.45	70.59 3.13 -2.22
RAVENSWOOD_GT3_4 24251	69.26 3.53 -0.35	67.70 2.85 0.00	67.83 2.98 0.00	67.11 2.46 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.39 3.46 -1.68	76.24 3.77 -5.07	78.55 3.89 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	71.06 3.71 -2.24	70.92 3.64 -2.23	74.62 4.11 -3.11	98.30 4.89 -15.71	119.03 5.76 -24.57	118.40 5.89 -25.85	109.48 5.47 -22.44	100.54 5.25 -16.88	90.09 4.91 -11.92	72.33 4.02 -2.45	70.59 3.13 -2.22
RAVENSWOOD_GT_1 23729	69.58 3.86 -0.35	67.96 3.11 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.17 2.58 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.08	78.55 3.89 -5.21	71.95 3.87 -2.56	71.18 3.78 -2.23	71.12 3.78 -2.24	70.98 3.71 -2.23	74.69 4.18 -3.11	98.46 5.05 -15.72	119.63 5.94 -25.00	118.94 6.07 -26.22	111.66 5.71 -24.38	102.24 5.49 -18.34	90.23 5.05 -11.92	72.52 4.21 -2.45	70.72 3.26 -2.22
RAVENSWOOD_GT_10 24258	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.14 4.74 -15.71	118.85 5.59 -24.57	118.22 5.72 -25.85	109.39 5.38 -22.44	100.46 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT_11 24259	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.14 4.74 -15.71	118.85 5.59 -24.57	118.22 5.72 -25.85	109.39 5.38 -22.44	100.46 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT_4 24252	69.13 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.85 2.26 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.15 4.74 -15.72	119.17 5.59 -24.89	118.50 5.72 -26.13	110.77 5.30 -23.89	101.48 5.10 -17.97	89.94 4.76 -11.92	72.20 3.89 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT_5 24254	69.13 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.85 2.26 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.15 4.74 -15.72	119.17 5.59 -24.89	118.50 5.72 -26.13	110.77 5.30 -23.89	101.48 5.10 -17.97	89.94 4.76 -11.92	72.20 3.89 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT_6 24253	69.13 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.85 2.26 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.15 4.74 -15.72	119.17 5.59 -24.89	118.50 5.72 -26.13	110.77 5.30 -23.89	101.48 5.10 -17.97	89.94 4.76 -11.92	72.20 3.89 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT_7 24255	69.13 3.40 -0.35	67.57 2.72 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.85 2.26 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.07	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.15 4.74 -15.72	119.17 5.59 -24.89	118.50 5.72 -26.13	110.77 5.30 -23.89	101.48 5.10 -17.97	89.94 4.76 -11.92	72.20 3.89 -2.45	70.46 3.00 -2.22
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.14 4.74 -15.71	118.85 5.59 -24.57	118.22 5.72 -25.85	109.39 5.38 -22.44	100.46 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22

RAVENSWOOD_GT_9 24257	69.19 3.47 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	66.98 2.33 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.51 2.53 0.00	68.08 2.98 -0.25	70.26 3.33 -1.68	76.17 3.71 -5.08	78.42 3.75 -5.21	71.82 3.74 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.14 4.74 -15.71	118.85 5.59 -24.57	118.22 5.72 -25.85	109.39 5.38 -22.44	100.46 5.18 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.46 3.00 -2.22
RAVENSWOOD___1 23533	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.18 2.59 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.21 3.11 -0.25	70.39 3.46 -1.68	76.23 3.77 -5.08	78.55 3.89 -5.21	71.89 3.80 -2.56	71.18 3.78 -2.23	71.06 3.71 -2.24	70.98 3.71 -2.23	74.62 4.11 -3.11	98.38 4.98 -15.71	119.11 5.85 -24.57	118.48 5.97 -25.85	109.72 5.71 -22.44	100.70 5.41 -16.88	90.23 5.05 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
RAVENSWOOD___2 23534	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.11 2.52 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.23 3.77 -5.08	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	71.06 3.71 -2.24	70.92 3.64 -2.23	74.62 4.11 -3.11	98.38 4.98 -15.71	119.02 5.76 -24.57	118.48 5.97 -25.85	109.64 5.62 -22.44	100.70 5.41 -16.88	90.16 4.98 -11.92	72.46 4.15 -2.45	70.79 3.33 -2.22
RAVENSWOOD___3 23535	69.19 3.46 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.91 2.32 0.00	67.18 2.46 0.00	67.77 2.79 0.00	68.15 3.05 -0.25	70.26 3.33 -1.68	76.17 3.70 -5.08	78.41 3.75 -5.21	71.82 3.73 -2.56	71.05 3.65 -2.23	70.93 3.58 -2.24	70.85 3.58 -2.23	74.49 3.98 -3.11	98.23 4.82 -15.71	118.85 5.59 -24.57	118.22 5.72 -25.85	109.39 5.38 -22.44	100.46 5.17 -16.88	89.94 4.76 -11.92	72.26 3.95 -2.45	70.53 3.07 -2.22
RAVENSWOOD___4 23820	69.52 3.79 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.24 2.59 0.00	67.11 2.52 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.15 3.05 -0.25	70.32 3.39 -1.68	76.23 3.77 -5.07	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	71.06 3.71 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.38 4.98 -15.71	118.60 5.76 -24.16	118.12 5.97 -25.49	107.73 5.62 -20.53	99.25 5.41 -15.44	90.16 4.98 -11.92	72.46 4.15 -2.45	70.72 3.26 -2.22
RCPL_TRUST___DRP 24196	69.19 3.47 -0.35	67.64 2.79 0.00	67.77 2.92 0.00	67.05 2.39 0.00	66.98 2.39 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.39 3.46 -1.68	76.23 3.77 -5.07	78.55 3.89 -5.20	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.55 4.04 -3.11	98.26 4.82 -15.75	118.98 5.68 -24.62	118.35 5.81 -25.89	109.43 5.38 -22.47	100.57 5.25 -16.91	90.03 4.84 -11.94	72.26 3.95 -2.45	70.52 3.07 -2.22
RED___ROCHESTER 323720	63.55 -1.83 0.00	62.45 -2.40 0.00	62.25 -2.60 0.00	62.26 -2.39 0.00	62.07 -2.52 0.00	62.45 -2.27 0.00	62.64 -2.34 0.00	61.48 -3.37 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.30 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.18 -2.22 0.00	74.50 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.56 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
REGAN___SOLAR 323812	74.83 5.82 -3.63	70.36 5.51 0.00	70.43 5.58 0.00	70.09 5.43 0.00	69.95 5.36 0.00	69.96 5.24 0.00	70.76 5.78 0.00	73.16 5.71 -2.61	88.71 5.81 -17.65	126.68 6.07 -53.23	130.10 6.04 -54.60	97.97 5.57 -26.88	94.03 5.48 -23.38	94.11 5.53 -23.47	76.41 5.53 -5.84	106.06 6.00 -32.66	127.70 7.14 -42.86	191.90 8.51 -94.70	226.36 8.40 -131.30	192.65 7.91 -103.17	153.32 7.53 -67.39	137.72 6.81 -57.64	97.70 6.13 -25.72	94.27 5.74 -23.29
RENSSELAER___COGEN 23796	69.80 2.55 -1.87	67.12 2.27 0.00	67.18 2.33 0.00	66.79 2.13 0.00	66.66 2.07 0.00	66.79 2.07 0.00	67.12 2.14 0.00	68.33 2.14 -1.34	76.67 2.35 -9.08	97.26 2.49 -27.38	100.18 2.64 -28.08	81.90 2.55 -13.82	79.61 2.41 -12.03	79.59 2.41 -12.07	70.65 2.41 -3.20	86.90 2.70 -16.80	104.06 2.95 -23.42	142.51 3.28 -50.54	158.96 3.21 -69.10	139.13 3.02 -54.54	117.35 3.05 -35.89	106.60 2.93 -30.40	81.72 2.64 -13.23	79.56 2.35 -11.98
REPUBLIC_115KV_BARTNBRK 55605	77.57 8.56 -3.63	73.09 8.24 0.00	73.28 8.43 0.00	72.93 8.28 0.00	72.86 8.27 0.00	72.42 7.70 0.00	73.36 8.38 0.00	76.14 8.69 -2.60	91.74 8.87 -17.62	130.01 9.50 -53.12	133.67 9.72 -54.49	101.39 9.04 -26.82	97.12 8.60 -23.34	97.06 8.53 -23.42	79.33 8.39 -5.90	108.89 8.90 -32.60	131.28 10.33 -43.25	195.89 12.06 -95.14	230.02 11.78 -131.58	196.14 11.09 -103.47	156.51 10.43 -67.67	140.79 9.74 -57.79	100.22 8.69 -25.67	96.96 8.48 -23.24
REVERE_CPFR_DRP 24186	67.93 2.55 0.00	67.25 2.40 0.00	67.12 2.27 0.00	66.92 2.26 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.32 2.34 0.00	67.38 2.53 0.00	68.12 2.87 0.00	70.49 3.10 0.00	72.79 3.33 0.00	68.41 2.88 0.00	67.85 2.67 0.00	67.65 2.54 0.00	67.52 2.47 0.00	70.16 2.76 0.00	80.96 3.26 0.00	92.77 4.08 0.00	90.38 3.73 0.00	85.08 3.51 0.00	81.78 3.37 0.00	76.41 3.15 0.00	68.62 2.77 0.00	67.91 2.67 0.00
REYNOLDS_115KV_TB3 80639	70.36 2.88 -2.11	67.38 2.53 0.00	67.44 2.59 0.00	67.05 2.39 0.00	66.98 2.39 0.00	66.99 2.27 0.00	67.32 2.34 0.00	68.89 2.53 -1.51	78.23 2.74 -10.24	101.22 2.97 -30.87	104.24 3.13 -31.66	84.13 3.01 -15.58	81.60 2.87 -13.56	81.58 2.86 -13.61	71.49 2.86 -3.59	89.44 3.10 -18.94	107.51 3.57 -26.25	149.45 3.99 -56.77	168.37 3.99 -77.73	146.65 3.75 -61.33	122.42 3.69 -40.32	110.97 3.52 -34.19	83.87 3.10 -14.91	81.48 2.74 -13.50
RIVERBAY____ 323610	70.37 4.64 -0.35	68.74 3.89 0.00	68.87 4.02 0.00	68.02 3.36 0.00	67.88 3.29 0.00	67.70 2.98 0.00	67.97 2.99 0.00	68.34 3.24 -0.25	70.59 3.65 -1.68	76.51 4.04 -5.08	78.76 4.10 -5.21	72.09 4.00 -2.56	71.38 3.98 -2.23	71.25 3.91 -2.24	71.18 3.90 -2.23	74.83 4.31 -3.11	98.61 5.21 -15.71	119.38 6.12 -24.57	118.75 6.24 -25.85	109.97 5.95 -22.44	101.01 5.72 -16.88	90.60 5.42 -11.92	73.05 4.74 -2.45	71.37 3.91 -2.22
RIVERSDE_115KV_TB3 55908	70.32 2.81 -2.13	67.31 2.46 0.00	67.38 2.53 0.00	66.98 2.33 0.00	66.85 2.26 0.00	66.86 2.14 0.00	67.19 2.21 0.00	68.78 2.40 -1.53	78.22 2.61 -10.36	101.46 2.83 -31.24	104.49 2.99 -32.04	84.18 2.88 -15.77	81.64 2.74 -13.72	81.62 2.73 -13.77	71.39 2.73 -3.62	89.60 3.03 -19.17	107.50 3.34 -26.47	149.75 3.72 -57.34	168.86 3.64 -78.56	147.05 3.51 -61.97	122.59 3.45 -40.73	111.19 3.37 -34.56	83.92 2.96 -15.09	81.52 2.61 -13.67
ROARING___BROOK_WT_PWR 323790	65.18 -0.20 0.00	64.91 0.06 0.00	64.98 0.13 0.00	64.91 0.26 0.00	64.91 0.32 0.00	64.98 0.26 0.00	65.11 0.13 0.00	65.05 0.20 0.00	65.32 0.07 0.00	67.32 -0.07 0.00	69.39 -0.07 0.00	65.46 -0.07 0.00	65.24 0.07 0.00	65.11 0.00 0.00	64.98 -0.06 0.00	67.06 -0.34 0.00	77.31 -0.39 0.00	87.98 -0.71 0.00	85.87 -0.78 0.00	80.68 -0.90 0.00	77.39 -1.02 0.00	72.16 -1.10 0.00	64.80 -1.06 0.00	64.46 -0.78 0.00

ROCHESRG_115KV_T4 355643	62.63 -2.75 0.00	61.61 -3.24 0.00	61.48 -3.37 0.00	61.49 -3.17 0.00	61.30 -3.29 0.00	60.84 -3.88 0.00	60.63 -4.35 0.00	60.63 -4.22 0.00	61.47 -3.78 0.00	64.42 -2.97 0.00	66.40 -3.06 0.00	62.38 -3.15 0.00	61.20 -3.98 0.00	61.40 -3.71 0.00	61.01 -4.03 0.00	64.23 -3.17 0.00	73.50 -4.20 0.00	84.16 -4.52 0.00	81.80 -4.85 0.00	77.33 -4.24 0.00	74.41 -4.00 0.00	69.96 -3.30 0.00	63.49 -2.37 0.00	62.43 -2.81 0.00
ROCHESTER_9_IC 23652	63.03 -2.35 0.00	62.00 -2.85 0.00	61.80 -3.05 0.00	61.81 -2.84 0.00	61.62 -2.97 0.00	61.16 -3.56 0.00	60.95 -4.03 0.00	61.02 -3.83 0.00	61.86 -3.39 0.00	64.89 -2.49 0.00	66.89 -2.57 0.00	62.84 -2.69 0.00	61.59 -3.58 0.00	61.79 -3.32 0.00	61.47 -3.58 0.00	64.70 -2.70 0.00	74.04 -3.65 0.00	84.79 -3.90 0.00	82.49 -4.16 0.00	77.98 -3.59 0.00	74.96 -3.45 0.00	70.47 -2.78 0.00	63.88 -1.98 0.00	62.83 -2.41 0.00
ROCKVIEW_13_KV_LD 356306	69.13 3.40 -0.35	67.64 2.79 0.00	67.70 2.85 0.00	67.05 2.39 0.00	66.92 2.33 0.00	67.05 2.33 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.39 3.46 -1.68	76.30 3.84 -5.07	78.55 3.89 -5.20	71.95 3.87 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.62 4.11 -3.11	98.31 4.89 -15.72	119.04 5.76 -24.59	118.41 5.89 -25.86	109.49 5.47 -22.45	100.63 5.33 -16.89	90.02 4.84 -11.93	72.26 3.95 -2.45	70.53 3.07 -2.22
ROME____115KV_TB2 80656	67.93 2.55 0.00	67.25 2.40 0.00	67.12 2.27 0.00	66.92 2.26 0.00	66.92 2.33 0.00	66.99 2.27 0.00	67.32 2.34 0.00	67.38 2.53 0.00	68.12 2.87 0.00	70.49 3.10 0.00	72.79 3.33 0.00	68.41 2.88 0.00	67.85 2.67 0.00	67.65 2.54 0.00	67.52 2.47 0.00	70.16 2.76 0.00	80.96 3.26 0.00	92.77 4.08 0.00	90.38 3.73 0.00	85.08 3.51 0.00	81.78 3.37 0.00	76.41 3.15 0.00	68.62 2.77 0.00	67.91 2.67 0.00
ROSETON___1 23587	67.82 2.15 -0.29	66.47 1.62 0.00	66.53 1.68 0.00	66.02 1.36 0.00	65.95 1.36 0.00	66.14 1.42 0.00	66.61 1.63 0.00	66.87 1.81 -0.21	68.68 2.02 -1.40	73.91 2.29 -4.23	76.16 2.36 -4.34	69.95 2.29 -2.14	69.25 2.22 -1.86	69.12 2.15 -1.87	66.44 2.14 0.75	72.49 2.50 -2.60	75.71 3.03 5.01	88.52 3.55 3.72	91.09 3.64 -0.80	84.08 3.43 0.92	79.49 3.29 2.21	76.19 3.00 0.07	70.40 2.50 -2.04	68.98 1.89 -1.85
ROSETON___2 23588	67.82 2.15 -0.29	66.47 1.62 0.00	66.53 1.68 0.00	66.02 1.36 0.00	65.95 1.36 0.00	66.14 1.42 0.00	66.61 1.63 0.00	66.87 1.81 -0.21	68.68 2.02 -1.40	73.91 2.29 -4.23	76.16 2.36 -4.34	69.95 2.29 -2.14	69.25 2.22 -1.86	69.12 2.15 -1.87	66.44 2.14 0.75	72.49 2.50 -2.60	75.71 3.03 5.01	88.52 3.55 3.72	91.09 3.64 -0.80	84.08 3.43 0.92	79.49 3.29 2.21	76.19 3.00 0.07	70.40 2.50 -2.04	68.98 1.89 -1.85
ROTTTRDAM_115KV_TB3 80664	71.91 2.55 -3.98	67.12 2.27 0.00	67.18 2.33 0.00	66.85 2.20 0.00	66.72 2.13 0.00	66.73 2.01 0.00	67.19 2.21 0.00	70.11 2.40 -2.86	87.15 2.54 -19.36	128.53 2.76 -58.38	132.18 2.85 -59.88	97.69 2.69 -29.48	93.36 2.54 -25.65	93.39 2.54 -25.74	74.01 2.54 -6.43	105.99 2.76 -35.82	128.12 3.26 -47.17	196.57 3.81 -104.07	234.65 3.81 -144.18	198.48 3.59 -113.32	155.90 3.45 -74.04	139.71 3.15 -63.31	96.83 2.77 -28.20	93.26 2.48 -25.54
RUSSELL___1 23602	63.35 -2.03 0.00	62.26 -2.59 0.00	62.13 -2.72 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.48 -3.24 0.00	61.28 -3.70 0.00	61.35 -3.50 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.29 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.17 -2.22 0.00	74.51 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.55 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
RUSSELL___2 23532	63.35 -2.03 0.00	62.26 -2.59 0.00	62.13 -2.72 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.48 -3.24 0.00	61.28 -3.70 0.00	61.35 -3.50 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.29 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.17 -2.22 0.00	74.51 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.55 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
RUSSELL___3 23549	63.35 -2.03 0.00	62.26 -2.59 0.00	62.13 -2.72 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.48 -3.24 0.00	61.28 -3.70 0.00	61.35 -3.50 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.29 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.17 -2.22 0.00	74.51 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.55 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
RUSSELL___4 23556	63.35 -2.03 0.00	62.26 -2.59 0.00	62.13 -2.72 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.48 -3.24 0.00	61.28 -3.70 0.00	61.35 -3.50 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.29 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.17 -2.22 0.00	74.51 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.55 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
RUSSELL___STATION 23914	63.35 -2.03 0.00	62.26 -2.59 0.00	62.13 -2.72 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.48 -3.24 0.00	61.28 -3.70 0.00	61.35 -3.50 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.29 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.17 -2.22 0.00	74.51 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.55 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
S SALMON___HYD 24043	64.66 -0.72 0.00	63.94 -0.91 0.00	63.81 -1.04 0.00	63.69 -0.97 0.00	63.62 -0.97 0.00	63.88 -0.84 0.00	64.01 -0.97 0.00	63.68 -1.17 0.00	64.40 -0.85 0.00	66.71 -0.67 0.00	68.90 -0.56 0.00	65.00 -0.53 0.00	64.26 -0.91 0.00	64.20 -0.91 0.00	64.07 -0.97 0.00	66.66 -0.74 0.00	76.84 -0.85 0.00	88.07 -0.62 0.00	85.87 -0.78 0.00	80.84 -0.74 0.00	77.70 -0.71 0.00	72.89 -0.36 0.00	65.53 -0.33 0.00	64.72 -0.52 0.00
S.PERRY___115KV_TB1 80734	63.48 -1.90 0.00	62.39 -2.46 0.00	62.19 -2.66 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.35 -3.37 0.00	61.15 -3.83 0.00	61.41 -3.44 0.00	62.25 -3.00 0.00	65.10 -2.29 0.00	66.68 -2.78 0.00	62.45 -3.08 0.00	61.07 -4.11 0.00	61.14 -3.97 0.00	60.75 -4.29 0.00	64.43 -2.97 0.00	74.27 -3.42 0.00	85.50 -3.19 0.00	83.19 -3.47 0.00	78.72 -2.85 0.00	75.67 -2.74 0.00	70.99 -2.27 0.00	64.41 -1.45 0.00	63.22 -2.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	61.91 -3.47 0.00	60.63 -4.22 0.00	60.44 -4.41 0.00	60.52 -4.14 0.00	60.26 -4.33 0.00	59.48 -5.24 0.00	58.81 -6.17 0.00	58.88 -5.97 0.00	59.90 -5.35 0.00	63.21 -4.18 0.00	64.94 -4.51 0.00	60.87 -4.65 0.00	59.05 -6.13 0.00	59.38 -5.73 0.00	58.87 -6.18 0.00	62.41 -4.99 0.00	71.24 -6.45 0.00	81.50 -7.18 0.00	78.86 -7.80 0.00	74.96 -6.61 0.00	72.14 -6.27 0.00	68.42 -4.84 0.00	62.63 -3.23 0.00	61.59 -3.65 0.00

SAWYER___23_KV_LOAD 55526	61.91 -3.47 0.00	60.63 -4.22 0.00	60.44 -4.41 0.00	60.52 -4.14 0.00	60.26 -4.33 0.00	59.48 -5.24 0.00	58.81 -6.17 0.00	58.88 -5.97 0.00	59.90 -5.35 0.00	63.21 -4.18 0.00	64.94 -4.51 0.00	60.87 -4.65 0.00	59.05 -6.13 0.00	59.38 -5.73 0.00	58.87 -6.18 0.00	62.41 -4.99 0.00	71.24 -6.45 0.00	81.50 -7.18 0.00	78.86 -7.80 0.00	74.96 -6.61 0.00	72.14 -6.27 0.00	68.42 -4.84 0.00	62.63 -3.23 0.00	61.59 -3.65 0.00
SELKIRK___I 23801	71.35 4.51 -1.46	69.32 4.47 0.00	69.45 4.60 0.00	69.11 4.46 0.00	68.98 4.39 0.00	68.92 4.20 0.00	69.20 4.22 0.00	69.72 3.83 -1.05	76.19 3.85 -7.09	92.73 3.97 -21.37	95.41 4.03 -21.92	80.05 3.73 -10.79	78.08 3.52 -9.39	78.11 3.58 -9.42	71.17 3.64 -2.49	84.62 4.11 -13.11	100.64 4.74 -18.20	133.36 5.32 -39.35	145.71 5.20 -53.86	129.05 4.98 -42.50	111.30 4.94 -27.95	101.64 4.69 -23.69	80.46 4.28 -10.33	78.83 4.24 -9.35
SELKIRK___II 23799	69.23 2.42 -1.43	66.99 2.14 0.00	67.06 2.21 0.00	66.66 2.01 0.00	66.53 1.94 0.00	66.73 2.01 0.00	67.06 2.08 0.00	67.89 2.01 -1.03	74.42 2.22 -6.95	90.72 2.36 -20.97	93.40 2.43 -21.51	78.47 2.36 -10.59	76.60 2.22 -9.21	76.57 2.21 -9.25	69.76 2.21 -2.50	82.76 2.50 -12.87	98.87 2.88 -18.30	131.08 3.19 -39.20	143.12 3.11 -53.35	126.77 3.02 -42.18	109.21 2.98 -27.82	99.60 2.85 -23.49	78.49 2.50 -10.13	76.63 2.22 -9.17
SENECA OSWGO___HYD 24041	63.35 -2.03 0.00	62.58 -2.27 0.00	62.45 -2.40 0.00	62.33 -2.32 0.00	62.20 -2.39 0.00	62.45 -2.27 0.00	62.77 -2.21 0.00	62.45 -2.40 0.00	63.10 -2.15 0.00	65.43 -1.96 0.00	67.59 -1.87 0.00	63.62 -1.90 0.00	62.89 -2.28 0.00	62.83 -2.28 0.00	62.77 -2.28 0.00	65.44 -1.96 0.00	75.52 -2.17 0.00	86.30 -2.39 0.00	84.23 -2.43 0.00	79.29 -2.28 0.00	76.30 -2.11 0.00	71.28 -1.97 0.00	64.21 -1.64 0.00	63.35 -1.89 0.00
SENECA___115KV_TB3 355854	62.76 -2.62 0.00	61.48 -3.37 0.00	61.28 -3.57 0.00	61.36 -3.30 0.00	61.10 -3.49 0.00	60.32 -4.40 0.00	59.72 -5.26 0.00	59.86 -4.99 0.00	60.88 -4.37 0.00	64.22 -3.17 0.00	65.99 -3.47 0.00	61.79 -3.74 0.00	59.96 -5.21 0.00	60.16 -4.95 0.00	59.71 -5.33 0.00	63.29 -4.11 0.00	72.33 -5.36 0.00	82.83 -5.85 0.00	80.15 -6.50 0.00	76.19 -5.38 0.00	73.31 -5.10 0.00	69.52 -3.74 0.00	63.62 -2.24 0.00	62.50 -2.74 0.00
SENECA___ENERGY 23797	64.66 -0.72 0.00	63.81 -1.04 0.00	63.62 -1.23 0.00	63.42 -1.23 0.00	63.30 -1.29 0.00	63.68 -1.04 0.00	64.01 -0.97 0.00	63.49 -1.36 0.00	64.27 -0.98 0.00	66.71 -0.67 0.00	68.76 -0.69 0.00	64.55 -0.98 0.00	63.55 -1.63 0.00	63.55 -1.56 0.00	63.42 -1.62 0.00	66.45 -0.94 0.00	75.83 -1.87 0.00	86.91 -1.77 0.00	84.83 -1.82 0.00	79.85 -1.72 0.00	76.76 -1.65 0.00	71.79 -1.46 0.00	64.74 -1.12 0.00	63.74 -1.50 0.00
SHOEMAKER___GT 23640	67.77 2.09 -0.30	66.47 1.62 0.00	66.53 1.68 0.00	66.02 1.36 0.00	65.88 1.29 0.00	66.14 1.42 0.00	66.54 1.56 0.00	66.75 1.68 -0.21	68.58 1.89 -1.44	73.88 2.16 -4.33	76.06 2.16 -4.44	69.81 2.10 -2.19	69.10 2.02 -1.90	68.97 1.95 -1.91	65.66 1.95 1.33	72.41 2.36 -2.66	71.51 2.88 9.06	83.08 3.46 9.07	86.53 3.55 3.68	79.72 3.35 5.20	75.83 3.22 5.80	73.95 2.93 2.24	70.39 2.44 -2.09	68.96 1.82 -1.90
SHOEMAKR_138KV_BK 111 55601	67.70 2.03 -0.29	66.41 1.56 0.00	66.47 1.62 0.00	65.95 1.29 0.00	65.82 1.23 0.00	65.95 1.23 0.00	66.28 1.30 0.00	66.68 1.62 -0.21	68.57 1.89 -1.42	73.84 2.16 -4.29	76.02 2.15 -4.40	69.79 2.10 -2.17	69.08 2.02 -1.89	68.96 1.95 -1.89	65.71 1.95 1.29	72.32 2.29 -2.63	71.81 2.87 8.76	83.37 3.37 8.69	86.72 3.47 3.40	79.92 3.26 4.92	76.08 3.21 5.55	74.01 2.86 2.10	70.30 2.37 -2.07	68.88 1.76 -1.88
SHOREHAM_IC_1 23715	95.12 5.82 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.84 4.78 -18.40	87.84 4.78 -18.47	78.69 4.72 -9.25	87.00 5.20 -16.82	90.09 5.51 -19.74	90.11 5.87 -18.98	138.94 6.53 -65.02	109.48 6.60 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.37 7.01 -71.97	184.90 7.93 -99.28	226.91 9.49 -128.72	276.31 9.28 -180.38	223.08 8.73 -132.77	249.29 8.47 -162.41	149.84 7.62 -68.96	142.52 6.72 -69.94	130.05 5.67 -59.13
SHOREHAM_IC_2 23716	95.12 5.82 -23.92	89.90 5.12 -19.93	87.88 5.12 -17.91	87.84 4.78 -18.40	87.84 4.78 -18.47	78.69 4.72 -9.25	87.00 5.20 -16.82	90.09 5.51 -19.74	90.11 5.87 -18.98	138.94 6.53 -65.02	109.48 6.60 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.37 7.01 -71.97	184.90 7.93 -99.28	226.91 9.49 -128.72	276.31 9.28 -180.38	223.08 8.73 -132.77	249.29 8.47 -162.41	149.84 7.62 -68.96	142.52 6.72 -69.94	130.05 5.67 -59.13
SISSONVILLE____ 23735	66.30 0.92 0.00	66.41 1.56 0.00	66.34 1.49 0.00	66.40 1.75 0.00	66.40 1.81 0.00	66.79 2.07 0.00	66.93 1.95 0.00	66.34 1.49 0.00	66.29 1.04 0.00	67.99 0.61 0.00	70.01 0.56 0.00	66.12 0.59 0.00	66.15 0.98 0.00	66.09 0.98 0.00	66.09 1.04 0.00	67.87 0.47 0.00	77.93 0.23 0.00	87.71 -0.98 0.00	85.70 -0.95 0.00	80.59 -0.98 0.00	77.55 -0.86 0.00	73.04 -0.22 0.00	65.92 0.07 0.00	66.09 0.85 0.00
SITHE_IND_GS1 24169	62.64 -2.74 0.00	61.93 -2.92 0.00	61.87 -2.98 0.00	61.68 -2.97 0.00	61.62 -2.97 0.00	61.87 -2.85 0.00	62.12 -2.86 0.00	61.87 -2.98 0.00	62.38 -2.87 0.00	64.62 -2.77 0.00	66.68 -2.78 0.00	62.84 -2.69 0.00	62.18 -3.00 0.00	62.12 -2.99 0.00	62.05 -2.99 0.00	64.63 -2.77 0.00	74.43 -3.26 0.00	84.97 -3.72 0.00	83.02 -3.64 0.00	78.15 -3.42 0.00	75.19 -3.22 0.00	70.25 -3.01 0.00	63.29 -2.57 0.00	62.50 -2.74 0.00
SITHE_IND_GS2 24170	62.64 -2.74 0.00	61.93 -2.92 0.00	61.87 -2.98 0.00	61.68 -2.97 0.00	61.62 -2.97 0.00	61.87 -2.85 0.00	62.12 -2.86 0.00	61.87 -2.98 0.00	62.38 -2.87 0.00	64.62 -2.77 0.00	66.68 -2.78 0.00	62.84 -2.69 0.00	62.18 -3.00 0.00	62.12 -2.99 0.00	62.05 -2.99 0.00	64.63 -2.77 0.00	74.43 -3.26 0.00	84.97 -3.72 0.00	83.02 -3.64 0.00	78.15 -3.42 0.00	75.19 -3.22 0.00	70.25 -3.01 0.00	63.29 -2.57 0.00	62.50 -2.74 0.00
SITHE_IND_GS3 24171	62.64 -2.74 0.00	61.93 -2.92 0.00	61.87 -2.98 0.00	61.68 -2.97 0.00	61.62 -2.97 0.00	61.87 -2.85 0.00	62.12 -2.86 0.00	61.87 -2.98 0.00	62.38 -2.87 0.00	64.62 -2.77 0.00	66.68 -2.78 0.00	62.84 -2.69 0.00	62.18 -3.00 0.00	62.12 -2.99 0.00	62.05 -2.99 0.00	64.63 -2.77 0.00	74.43 -3.26 0.00	84.97 -3.72 0.00	83.02 -3.64 0.00	78.15 -3.42 0.00	75.19 -3.22 0.00	70.25 -3.01 0.00	63.29 -2.57 0.00	62.50 -2.74 0.00
SITHE_IND_GS4 24172	62.64 -2.74 0.00	61.93 -2.92 0.00	61.87 -2.98 0.00	61.68 -2.97 0.00	61.62 -2.97 0.00	61.87 -2.85 0.00	62.12 -2.86 0.00	61.87 -2.98 0.00	62.38 -2.87 0.00	64.62 -2.77 0.00	66.68 -2.78 0.00	62.84 -2.69 0.00	62.18 -3.00 0.00	62.12 -2.99 0.00	62.05 -2.99 0.00	64.63 -2.77 0.00	74.43 -3.26 0.00	84.97 -3.72 0.00	83.02 -3.64 0.00	78.15 -3.42 0.00	75.19 -3.22 0.00	70.25 -3.01 0.00	63.29 -2.57 0.00	62.50 -2.74 0.00

SITHE____BATAVIA 24024	63.42 -1.96 0.00	62.13 -2.72 0.00	61.93 -2.92 0.00	62.00 -2.65 0.00	61.75 -2.84 0.00	62.19 -2.53 0.00	62.25 -2.73 0.00	60.64 -4.21 0.00	61.40 -3.85 0.00	64.76 -2.63 0.00	66.68 -2.78 0.00	62.45 -3.08 0.00	60.81 -4.37 0.00	61.14 -3.97 0.00	60.69 -4.36 0.00	64.30 -3.10 0.00	73.42 -4.27 0.00	84.26 -4.43 0.00	81.80 -4.85 0.00	77.49 -4.08 0.00	74.57 -3.84 0.00	70.40 -2.86 0.00	64.08 -1.78 0.00	62.89 -2.35 0.00
SITHE____INDEPEND 23800	62.57 -2.81 0.00	61.87 -2.98 0.00	61.80 -3.05 0.00	61.68 -2.97 0.00	61.62 -2.97 0.00	61.61 -3.11 0.00	61.80 -3.18 0.00	61.80 -3.05 0.00	62.38 -2.87 0.00	64.62 -2.76 0.00	66.68 -2.78 0.00	62.84 -2.69 0.00	62.18 -3.00 0.00	62.11 -3.00 0.00	62.05 -2.99 0.00	64.63 -2.76 0.00	74.43 -3.26 0.00	84.96 -3.72 0.00	83.01 -3.64 0.00	78.15 -3.43 0.00	75.20 -3.21 0.00	70.25 -3.00 0.00	63.29 -2.57 0.00	62.50 -2.74 0.00
SITHE____MASSENA 23902	65.84 0.46 0.00	65.95 1.10 0.00	65.88 1.03 0.00	65.95 1.29 0.00	65.95 1.36 0.00	65.89 1.17 0.00	65.89 0.91 0.00	65.88 1.03 0.00	65.90 0.65 0.00	67.59 0.20 0.00	69.60 0.14 0.00	65.79 0.26 0.00	65.76 0.59 0.00	65.76 0.65 0.00	65.76 0.72 0.00	67.60 0.20 0.00	77.77 0.08 0.00	88.16 -0.53 0.00	86.14 -0.52 0.00	81.08 -0.49 0.00	77.87 -0.55 0.00	72.89 -0.36 0.00	65.60 -0.26 0.00	65.70 0.46 0.00
SITHE____OGDNSBRG 24021	67.15 1.77 0.00	67.38 2.53 0.00	67.25 2.40 0.00	67.31 2.65 0.00	67.30 2.71 0.00	67.70 2.98 0.00	67.84 2.86 0.00	67.25 2.40 0.00	67.14 1.89 0.00	68.74 1.35 0.00	70.78 1.32 0.00	66.77 1.24 0.00	66.80 1.63 0.00	66.74 1.63 0.00	66.74 1.69 0.00	68.61 1.21 0.00	79.01 1.32 0.00	89.57 0.89 0.00	87.35 0.69 0.00	82.14 0.57 0.00	78.96 0.55 0.00	74.06 0.81 0.00	66.71 0.86 0.00	67.00 1.76 0.00
SITHE____STERLING 23777	67.21 1.83 0.00	66.53 1.68 0.00	66.40 1.55 0.00	66.20 1.55 0.00	66.14 1.55 0.00	66.47 1.75 0.00	66.80 1.82 0.00	66.60 1.75 0.00	67.34 2.09 0.00	69.68 2.29 0.00	71.96 2.50 0.00	67.62 2.10 0.00	67.00 1.82 0.00	66.87 1.76 0.00	66.73 1.69 0.00	69.42 2.02 0.00	80.02 2.33 0.00	91.71 3.02 0.00	89.34 2.69 0.00	84.10 2.53 0.00	80.84 2.43 0.00	75.53 2.27 0.00	67.90 2.04 0.00	67.13 1.89 0.00
SLEIGHT__34_KV_TB1 80719	63.22 -2.16 0.00	62.32 -2.53 0.00	62.19 -2.66 0.00	62.07 -2.59 0.00	61.94 -2.65 0.00	61.68 -3.04 0.00	61.67 -3.31 0.00	61.74 -3.11 0.00	62.57 -2.68 0.00	65.37 -2.02 0.00	67.51 -1.94 0.00	63.36 -2.16 0.00	62.31 -2.87 0.00	62.44 -2.67 0.00	62.18 -2.86 0.00	65.24 -2.16 0.00	74.97 -2.72 0.00	85.94 -2.75 0.00	83.71 -2.95 0.00	78.96 -2.61 0.00	75.90 -2.51 0.00	71.13 -2.12 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
SOUTH CAIRO____GT 23612	71.93 5.23 -1.32	70.43 5.58 0.00	70.56 5.71 0.00	70.22 5.56 0.00	69.95 5.36 0.00	69.83 5.11 0.00	69.66 4.68 0.00	70.01 4.22 -0.94	76.02 4.37 -6.40	91.33 4.65 -19.29	93.83 4.58 -19.79	79.46 4.19 -9.74	77.69 4.04 -8.47	77.59 3.97 -8.51	71.18 4.10 -2.03	83.95 4.72 -11.84	98.33 5.67 -14.96	128.63 6.39 -33.56	140.00 6.41 -46.93	124.22 5.87 -36.77	108.20 5.88 -23.91	99.25 5.42 -20.58	80.12 4.94 -9.32	78.51 4.83 -8.44
SOUTH HAMPTN____IC 23720	95.31 6.01 -23.92	90.10 5.32 -19.93	88.08 5.32 -17.91	88.04 4.98 -18.40	88.04 4.97 -18.47	78.95 4.98 -9.25	87.32 5.52 -16.82	90.49 5.90 -19.74	90.56 6.33 -18.98	139.48 7.07 -65.02	110.03 7.16 -33.42	131.58 7.01 -59.04	109.95 6.84 -37.93	107.85 6.64 -36.10	113.38 6.83 -41.51	146.98 7.61 -71.97	184.03 8.62 -97.71	224.72 10.28 -125.75	272.08 9.87 -175.55	220.76 9.30 -129.89	245.85 9.17 -158.27	150.35 8.13 -68.96	142.92 7.11 -69.94	130.44 6.07 -59.13
SOUTHDOW_115KV_TB1 355954	65.40 -0.07 -0.08	63.94 -0.91 0.00	63.62 -1.23 0.00	63.69 -0.97 0.00	63.30 -1.29 0.00	62.52 -2.20 0.00	62.12 -2.86 0.00	62.57 -2.33 -0.06	63.68 -1.57 0.00	67.19 -0.20 0.00	68.97 -0.49 0.00	64.48 -1.05 0.00	62.44 -2.74 0.00	62.44 -2.67 0.00	61.92 -3.12 0.00	65.58 -1.82 0.00	76.30 -2.33 -0.94	88.57 -2.22 -2.10	86.73 -2.86 -2.94	82.00 -1.88 -2.30	78.18 -1.73 -1.50	74.03 -0.51 -1.29	67.17 0.72 -0.58	65.70 -0.07 -0.53
SOUTHOLD_69_KV_BK 2 55809	95.31 6.01 -23.91	90.16 5.38 -19.92	88.13 5.38 -17.90	88.03 4.98 -18.39	88.03 4.97 -18.46	78.81 4.85 -9.24	87.32 5.52 -16.82	90.93 6.36 -19.73	91.14 6.92 -18.98	140.35 7.95 -65.01	110.85 7.99 -33.41	132.42 7.86 -59.03	110.79 7.69 -37.92	108.76 7.55 -36.09	114.29 7.74 -41.50	147.98 8.63 -71.96	185.28 9.87 -97.72	223.87 9.40 -125.78	271.88 9.62 -175.60	220.38 8.89 -129.92	246.92 10.19 -158.31	151.00 8.79 -68.95	143.37 7.57 -69.94	130.76 6.39 -59.12
SOUTHOLD____IC 23719	95.38 6.08 -23.92	90.16 5.38 -19.93	88.14 5.38 -17.91	88.10 5.05 -18.40	88.10 5.04 -18.47	79.08 5.11 -9.25	87.65 5.85 -16.82	91.01 6.42 -19.74	91.15 6.91 -18.98	140.36 7.95 -65.02	110.86 7.98 -33.42	132.42 7.86 -59.04	110.79 7.69 -37.93	108.76 7.55 -36.10	114.29 7.74 -41.51	147.99 8.63 -71.97	185.29 9.87 -97.73	226.27 11.80 -125.79	271.71 9.45 -175.61	220.39 8.89 -129.93	246.92 10.19 -158.32	151.01 8.79 -68.96	143.37 7.57 -69.94	130.83 6.46 -59.13
SOUTH_FORK_WT_PWR 323839	94.73 5.42 -23.92	89.58 4.80 -19.93	87.49 4.73 -17.91	87.46 4.40 -18.40	87.46 4.39 -18.47	78.50 4.53 -9.25	87.19 5.39 -16.82	90.62 6.03 -19.74	90.89 6.66 -18.98	140.15 7.75 -65.02	110.72 7.85 -33.42	132.36 7.79 -59.04	110.79 7.69 -37.93	108.76 7.55 -36.10	114.36 7.80 -41.51	147.99 8.63 -71.97	185.20 9.79 -97.72	226.16 11.71 -125.76	272.54 10.31 -175.58	221.18 9.70 -129.91	246.66 9.96 -158.29	150.64 8.42 -68.96	142.92 7.11 -69.94	130.37 6.00 -59.13
SPIERFLS_115KV_TB 1 80737	74.53 5.49 -3.66	70.04 5.19 0.00	70.10 5.25 0.00	69.76 5.11 0.00	69.69 5.10 0.00	69.44 4.72 0.00	70.11 5.13 0.00	72.86 5.38 -2.63	88.59 5.55 -17.80	127.12 6.06 -53.67	130.68 6.18 -55.04	98.32 5.70 -27.10	94.16 5.41 -23.58	94.18 5.40 -23.66	76.27 5.27 -5.95	105.99 5.66 -32.93	127.87 6.53 -43.65	192.29 7.54 -96.06	226.99 7.45 -132.88	193.16 7.10 -104.49	153.41 6.66 -68.33	137.99 6.37 -58.36	97.45 5.66 -25.93	94.07 5.35 -23.48
ST LAWRENCE____ 23600	65.05 -0.33 0.00	65.11 0.26 0.00	65.11 0.26 0.00	65.11 0.46 0.00	65.10 0.51 0.00	65.05 0.33 0.00	65.05 0.07 0.00	65.05 0.20 0.00	65.05 -0.20 0.00	66.78 -0.61 0.00	68.83 -0.63 0.00	65.00 -0.53 0.00	65.04 -0.13 0.00	65.04 -0.07 0.00	64.98 -0.06 0.00	66.79 -0.61 0.00	76.92 -0.78 0.00	87.53 -1.16 0.00	85.44 -1.21 0.00	80.43 -1.14 0.00	77.15 -1.26 0.00	72.08 -1.17 0.00	64.80 -1.06 0.00	64.92 -0.32 0.00
STATE_CA_115KV_115_LB 55624	70.58 2.81 -2.39	67.38 2.53 0.00	67.44 2.59 0.00	67.05 2.39 0.00	66.92 2.33 0.00	66.92 2.20 0.00	67.25 2.27 0.00	69.03 2.46 -1.72	79.56 2.68 -11.63	105.36 2.90 -35.07	108.49 3.06 -35.98	86.18 2.95 -17.71	83.39 2.80 -15.41	83.37 2.80 -15.46	71.85 2.80 -4.01	92.02 3.10 -21.52	110.48 3.42 -29.37	156.40 3.81 -63.90	178.09 3.64 -87.80	154.27 3.51 -69.19	127.35 3.53 -45.41	115.23 3.37 -38.60	85.83 3.03 -16.95	83.26 2.67 -15.34

STATE_ST_34_KV_LOAD 55959	64.66 -0.72 0.00	63.81 -1.04 0.00	63.62 -1.23 0.00	63.49 -1.16 0.00	63.36 -1.23 0.00	63.36 -1.36 0.00	63.55 -1.43 0.00	63.68 -1.17 0.00	64.47 -0.78 0.00	66.92 -0.47 0.00	69.11 -0.35 0.00	64.94 -0.59 0.00	64.00 -1.17 0.00	64.00 -1.11 0.00	63.94 -1.11 0.00	66.86 -0.54 0.00	77.07 -0.62 0.00	88.24 -0.44 0.00	86.13 -0.52 0.00	81.08 -0.49 0.00	77.94 -0.47 0.00	72.75 -0.51 0.00	65.53 -0.33 0.00	64.52 -0.72 0.00
STATION 5_MISC_HYD 23604	63.22 -2.16 0.00	62.13 -2.72 0.00	62.00 -2.85 0.00	61.94 -2.71 0.00	61.81 -2.78 0.00	62.19 -2.53 0.00	62.31 -2.67 0.00	61.16 -3.69 0.00	61.85 -3.40 0.00	64.90 -2.49 0.00	66.89 -2.57 0.00	62.84 -2.69 0.00	61.59 -3.58 0.00	61.79 -3.32 0.00	61.47 -3.58 0.00	64.70 -2.70 0.00	74.04 -3.65 0.00	84.79 -3.90 0.00	82.50 -4.16 0.00	77.98 -3.59 0.00	74.96 -3.45 0.00	70.47 -2.78 0.00	63.88 -1.97 0.00	62.83 -2.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	65.90 0.52 0.00	64.85 0.00 0.00	64.66 -0.19 0.00	64.66 0.00 0.00	64.46 -0.13 0.00	64.07 -0.65 0.00	64.07 -0.91 0.00	64.27 -0.58 0.00	65.18 -0.07 0.00	68.20 0.81 0.00	70.50 1.04 0.00	66.12 0.59 0.00	65.04 -0.13 0.00	65.18 0.07 0.00	64.78 -0.26 0.00	68.14 0.74 0.00	75.75 -1.94 0.00	86.83 -1.86 0.00	84.57 -2.08 0.00	79.78 -1.79 0.00	76.76 -1.65 0.00	71.87 -1.39 0.00	65.00 -0.86 0.00	63.87 -1.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	62.70 -2.68 0.00	61.67 -3.18 0.00	61.54 -3.31 0.00	61.55 -3.10 0.00	61.36 -3.23 0.00	60.97 -3.75 0.00	60.76 -4.22 0.00	60.83 -4.02 0.00	61.66 -3.59 0.00	64.62 -2.76 0.00	66.61 -2.85 0.00	62.58 -2.95 0.00	61.46 -3.71 0.00	61.59 -3.52 0.00	61.27 -3.77 0.00	64.50 -2.90 0.00	73.81 -3.88 0.00	84.61 -4.08 0.00	82.23 -4.42 0.00	77.74 -3.83 0.00	74.80 -3.61 0.00	70.25 -3.00 0.00	63.62 -2.24 0.00	62.57 -2.67 0.00
STA_56__34_KV_BUS2 355983	62.70 -2.68 0.00	61.67 -3.18 0.00	61.54 -3.31 0.00	61.55 -3.10 0.00	61.36 -3.23 0.00	60.97 -3.75 0.00	60.76 -4.22 0.00	60.83 -4.02 0.00	61.66 -3.59 0.00	64.62 -2.76 0.00	66.61 -2.85 0.00	62.58 -2.95 0.00	61.46 -3.71 0.00	61.59 -3.52 0.00	61.27 -3.77 0.00	64.50 -2.90 0.00	73.81 -3.88 0.00	84.61 -4.08 0.00	82.23 -4.42 0.00	77.74 -3.83 0.00	74.80 -3.61 0.00	70.25 -3.00 0.00	63.62 -2.24 0.00	62.57 -2.67 0.00
STA_67__115KV_BK2 355882	62.90 -2.48 0.00	61.80 -3.05 0.00	61.67 -3.18 0.00	61.68 -2.97 0.00	61.49 -3.10 0.00	61.03 -3.69 0.00	60.82 -4.16 0.00	60.89 -3.96 0.00	61.73 -3.52 0.00	64.69 -2.70 0.00	66.68 -2.78 0.00	62.64 -2.88 0.00	61.46 -3.71 0.00	61.66 -3.45 0.00	61.27 -3.77 0.00	64.50 -2.90 0.00	73.81 -3.88 0.00	84.52 -4.17 0.00	82.23 -4.42 0.00	77.74 -3.83 0.00	74.73 -3.69 0.00	70.25 -3.00 0.00	63.68 -2.17 0.00	62.70 -2.54 0.00
STA_7__115KV_9TRANS 80674	63.35 -2.03 0.00	62.26 -2.59 0.00	62.13 -2.72 0.00	62.13 -2.52 0.00	61.94 -2.65 0.00	61.48 -3.24 0.00	61.28 -3.70 0.00	61.35 -3.50 0.00	62.18 -3.07 0.00	65.23 -2.16 0.00	67.31 -2.15 0.00	63.23 -2.29 0.00	61.98 -3.19 0.00	62.25 -2.86 0.00	61.86 -3.19 0.00	65.17 -2.22 0.00	74.51 -3.19 0.00	85.41 -3.28 0.00	83.10 -3.55 0.00	78.55 -3.02 0.00	75.51 -2.90 0.00	70.99 -2.27 0.00	64.28 -1.58 0.00	63.22 -2.02 0.00
STA_82__115KV_TB1 80780	62.90 -2.48 0.00	61.87 -2.98 0.00	61.67 -3.18 0.00	61.68 -2.97 0.00	61.55 -3.04 0.00	61.10 -3.62 0.00	60.82 -4.16 0.00	60.89 -3.96 0.00	61.73 -3.52 0.00	64.76 -2.63 0.00	66.75 -2.71 0.00	62.64 -2.88 0.00	61.46 -3.71 0.00	61.66 -3.45 0.00	61.34 -3.71 0.00	64.57 -2.83 0.00	73.81 -3.88 0.00	84.61 -4.08 0.00	82.23 -4.42 0.00	77.74 -3.83 0.00	74.80 -3.61 0.00	70.33 -2.93 0.00	63.75 -2.11 0.00	62.70 -2.54 0.00
STEEL__WIND 323596	62.96 -2.42 0.00	61.67 -3.18 0.00	61.41 -3.44 0.00	61.49 -3.17 0.00	61.23 -3.36 0.00	61.74 -2.98 0.00	61.73 -3.25 0.00	59.99 -4.86 0.00	60.81 -4.44 0.00	64.15 -3.23 0.00	65.84 -3.61 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.58 -5.46 0.00	63.15 -4.24 0.00	72.18 -5.51 0.00	82.65 -6.03 0.00	80.06 -6.59 0.00	76.02 -5.55 0.00	73.23 -5.18 0.00	69.37 -3.88 0.00	63.49 -2.37 0.00	62.44 -2.80 0.00
STEPHTWN_115KV_BK_2 55603	70.71 3.47 -1.87	68.03 3.18 0.00	68.09 3.24 0.00	67.69 3.04 0.00	67.63 3.04 0.00	67.57 2.85 0.00	67.90 2.92 0.00	69.30 3.11 -1.34	77.66 3.33 -9.08	98.34 3.57 -27.38	101.22 3.68 -28.08	82.89 3.54 -13.82	80.53 3.32 -12.03	80.57 3.39 -12.07	71.63 3.38 -3.20	87.90 3.71 -16.80	105.23 4.12 -23.42	143.84 4.61 -50.54	160.26 4.51 -69.10	140.36 4.24 -54.54	118.53 4.23 -35.89	107.69 4.03 -30.40	82.71 3.62 -13.23	80.54 3.33 -11.98
STEUBEN_REC_LFGE 323667	65.55 0.07 -0.10	64.40 -0.45 0.00	64.07 -0.78 0.00	63.94 -0.71 0.00	63.62 -0.97 0.00	63.04 -1.68 0.00	62.77 -2.21 0.00	63.04 -1.88 -0.07	64.38 -1.37 -0.50	68.16 -0.74 -1.51	69.90 -1.11 -1.55	64.59 -1.70 -0.76	62.84 -3.00 -0.66	62.78 -3.00 -0.67	61.89 -3.32 -0.16	66.37 -1.95 -0.93	76.67 -2.18 -1.15	89.41 -1.86 -2.59	88.21 -2.08 -3.64	82.70 -1.71 -2.84	78.53 -1.73 -1.84	73.45 -1.39 -1.58	66.11 -0.46 -0.72	64.85 -1.04 -0.65
STILLWATER__SOLAR 323814	73.39 4.51 -3.50	69.00 4.15 0.00	69.06 4.21 0.00	68.73 4.08 0.00	68.60 4.01 0.00	68.67 3.95 0.00	69.27 4.29 0.00	71.64 4.28 -2.51	86.70 4.44 -17.01	123.48 4.79 -51.30	126.94 4.86 -52.62	96.01 4.59 -25.90	92.08 4.37 -22.54	92.09 4.36 -22.62	75.12 4.36 -5.71	103.53 4.65 -31.48	125.02 5.44 -41.89	187.03 6.30 -92.05	220.11 6.24 -127.21	187.51 5.88 -100.06	149.53 5.65 -65.47	134.41 5.28 -55.88	95.32 4.68 -24.79	92.05 4.37 -22.44
STONY__BROOK 24151	95.06 5.75 -23.92	89.84 5.06 -19.93	87.82 5.06 -17.91	87.72 4.66 -18.40	87.65 4.59 -18.47	78.56 4.60 -9.25	86.81 5.00 -16.82	89.90 5.32 -19.74	89.91 5.67 -18.98	138.74 6.33 -65.02	109.26 6.39 -33.42	130.72 6.16 -59.04	109.10 5.99 -37.93	107.07 5.86 -36.10	112.53 5.98 -41.51	146.04 6.67 -71.97	192.86 7.69 -107.48	241.92 8.95 -144.28	301.10 8.84 -205.60	237.74 8.32 -147.85	270.48 8.00 -184.07	149.72 7.48 -68.98	142.32 6.52 -69.94	129.91 5.54 -59.13
STURGEON_POOL_HYD 23609	68.32 2.42 -0.52	66.99 2.14 0.00	67.12 2.27 0.00	66.53 1.87 0.00	66.40 1.81 0.00	66.53 1.81 0.00	66.80 1.82 0.00	67.11 1.88 -0.37	70.00 2.22 -2.53	77.59 2.56 -7.64	79.87 2.57 -7.84	71.88 2.49 -3.86	70.94 2.41 -3.36	70.82 2.34 -3.37	67.98 2.34 -0.59	74.85 2.76 -4.69	85.56 3.42 -4.45	104.08 4.08 -11.31	107.80 4.25 -16.90	98.45 3.92 -12.96	90.39 3.84 -8.14	84.03 3.44 -7.33	72.32 2.77 -3.69	70.67 2.09 -3.34
ST_LAW_115_BK7_LBMP 345037	65.05 -0.33 0.00	65.18 0.33 0.00	65.18 0.33 0.00	65.17 0.51 0.00	65.17 0.58 0.00	65.11 0.39 0.00	65.11 0.13 0.00	65.11 0.26 0.00	65.12 -0.13 0.00	66.78 -0.61 0.00	68.76 -0.69 0.00	65.00 -0.53 0.00	65.04 -0.13 0.00	65.04 -0.07 0.00	65.04 0.00 0.00	66.79 -0.61 0.00	76.92 -0.78 0.00	87.45 -1.24 0.00	85.44 -1.21 0.00	80.35 -1.22 0.00	77.15 -1.26 0.00	72.08 -1.17 0.00	64.80 -1.06 0.00	64.92 -0.32 0.00

ST_LAW_115_BK8_LBMP 345038	65.05 -0.33 0.00	65.18 0.33 0.00	65.18 0.33 0.00	65.17 0.51 0.00	65.17 0.58 0.00	65.11 0.39 0.00	65.11 0.13 0.00	65.11 0.26 0.00	65.12 -0.13 0.00	66.78 -0.61 0.00	68.76 -0.69 0.00	65.00 -0.53 0.00	65.04 -0.13 0.00	65.04 -0.07 0.00	65.04 0.00 0.00	66.79 -0.61 0.00	76.92 -0.78 0.00	87.45 -1.24 0.00	85.44 -1.21 0.00	80.35 -1.22 0.00	77.15 -1.26 0.00	72.08 -1.17 0.00	64.80 -1.06 0.00	64.92 -0.32 0.00
ST_LAW_230_BK5_LBMP 345035	65.05 -0.33 0.00	65.11 0.26 0.00	65.11 0.26 0.00	65.11 0.46 0.00	65.10 0.51 0.00	65.05 0.33 0.00	65.05 0.07 0.00	65.05 0.20 0.00	65.05 -0.20 0.00	66.78 -0.61 0.00	68.83 -0.63 0.00	65.00 -0.53 0.00	65.04 -0.13 0.00	65.04 -0.07 0.00	64.98 -0.06 0.00	66.79 -0.61 0.00	76.92 -0.78 0.00	87.53 -1.16 0.00	85.44 -1.21 0.00	80.43 -1.14 0.00	77.15 -1.26 0.00	72.08 -1.17 0.00	64.80 -1.06 0.00	64.92 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	65.05 -0.33 0.00	65.11 0.26 0.00	65.11 0.26 0.00	65.11 0.46 0.00	65.10 0.51 0.00	65.05 0.33 0.00	65.05 0.07 0.00	65.05 0.20 0.00	65.05 -0.20 0.00	66.78 -0.61 0.00	68.83 -0.63 0.00	65.00 -0.53 0.00	65.04 -0.13 0.00	65.04 -0.07 0.00	64.98 -0.06 0.00	66.79 -0.61 0.00	76.92 -0.78 0.00	87.53 -1.16 0.00	85.44 -1.21 0.00	80.43 -1.14 0.00	77.15 -1.26 0.00	72.08 -1.17 0.00	64.80 -1.06 0.00	64.92 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	67.91 2.22 -0.31	66.54 1.69 0.00	66.60 1.75 0.00	66.08 1.42 0.00	65.95 1.36 0.00	66.08 1.36 0.00	66.47 1.49 0.00	66.89 1.82 -0.22	68.82 2.09 -1.48	74.28 2.43 -4.47	76.47 2.43 -4.58	70.14 2.36 -2.26	69.48 2.35 -1.96	69.29 2.21 -1.97	65.78 2.21 1.48	72.70 2.56 -2.74	70.81 3.19 10.07	82.19 3.81 10.32	85.93 3.90 4.63	79.01 3.59 6.15	75.31 3.53 6.63	73.77 3.22 2.71	70.58 2.57 -2.16	69.09 1.89 -1.95
SWANROAD_115KV_TB1 355699	60.28 -5.10 0.00	59.01 -5.84 0.00	58.82 -6.03 0.00	58.97 -5.69 0.00	58.71 -5.88 0.00	57.92 -6.80 0.00	57.25 -7.73 0.00	57.26 -7.59 0.00	58.20 -7.05 0.00	61.52 -5.86 0.00	63.21 -6.25 0.00	59.24 -6.29 0.00	57.48 -7.69 0.00	57.82 -7.29 0.00	57.37 -7.68 0.00	60.86 -6.54 0.00	69.30 -8.39 0.00	79.20 -9.49 0.00	76.69 -9.97 0.00	72.84 -8.73 0.00	70.10 -8.31 0.00	66.52 -6.74 0.00	60.92 -4.94 0.00	59.96 -5.28 0.00
SYNERGY___BIOGAS 323694	63.42 -1.96 0.00	62.13 -2.72 0.00	61.93 -2.92 0.00	62.00 -2.65 0.00	61.75 -2.84 0.00	62.19 -2.53 0.00	62.25 -2.73 0.00	60.64 -4.21 0.00	61.40 -3.85 0.00	64.76 -2.63 0.00	66.68 -2.78 0.00	62.45 -3.08 0.00	60.81 -4.37 0.00	61.14 -3.97 0.00	60.69 -4.36 0.00	64.30 -3.10 0.00	73.42 -4.27 0.00	84.26 -4.43 0.00	81.80 -4.85 0.00	77.49 -4.08 0.00	74.57 -3.84 0.00	70.40 -2.86 0.00	64.08 -1.78 0.00	62.89 -2.35 0.00
SYRACUSE___ENERGY_ST1 323597	63.68 -1.70 0.00	62.90 -1.95 0.00	62.84 -2.01 0.00	62.65 -2.00 0.00	62.52 -2.07 0.00	62.52 -2.20 0.00	62.71 -2.27 0.00	62.77 -2.08 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	64.02 -1.51 0.00	63.28 -1.89 0.00	63.22 -1.89 0.00	63.16 -1.89 0.00	65.85 -1.55 0.00	75.98 -1.71 0.00	86.83 -1.86 0.00	84.83 -1.82 0.00	79.86 -1.71 0.00	76.76 -1.65 0.00	71.72 -1.54 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
SYRACUSE___ENERGY_ST2 323598	63.68 -1.70 0.00	62.90 -1.95 0.00	62.84 -2.01 0.00	62.65 -2.00 0.00	62.52 -2.07 0.00	62.52 -2.20 0.00	62.71 -2.27 0.00	62.77 -2.08 0.00	63.55 -1.70 0.00	65.90 -1.48 0.00	68.00 -1.46 0.00	64.02 -1.51 0.00	63.28 -1.89 0.00	63.22 -1.89 0.00	63.16 -1.89 0.00	65.85 -1.55 0.00	75.98 -1.71 0.00	86.83 -1.86 0.00	84.83 -1.82 0.00	79.86 -1.71 0.00	76.76 -1.65 0.00	71.72 -1.54 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
SYRACUSE___POWER 24017	63.94 -1.44 0.00	63.16 -1.69 0.00	63.03 -1.82 0.00	62.84 -1.81 0.00	62.78 -1.81 0.00	62.78 -1.94 0.00	62.97 -2.01 0.00	63.03 -1.82 0.00	63.75 -1.50 0.00	66.11 -1.28 0.00	68.28 -1.18 0.00	64.22 -1.31 0.00	63.48 -1.69 0.00	63.42 -1.69 0.00	63.35 -1.69 0.00	66.12 -1.28 0.00	76.29 -1.40 0.00	87.18 -1.51 0.00	85.18 -1.47 0.00	80.18 -1.39 0.00	77.08 -1.33 0.00	72.01 -1.25 0.00	64.87 -0.99 0.00	63.94 -1.30 0.00
TALLMAN___138KV_BK151 55660	68.05 2.35 -0.32	66.60 1.75 0.00	66.73 1.88 0.00	66.08 1.42 0.00	66.01 1.42 0.00	66.08 1.36 0.00	66.54 1.56 0.00	67.02 1.95 -0.23	69.08 2.28 -1.55	74.68 2.63 -4.66	76.88 2.64 -4.78	70.50 2.62 -2.35	69.76 2.54 -2.05	69.64 2.47 -2.06	65.65 2.47 1.87	73.09 2.83 -2.86	68.32 3.42 12.79	78.95 4.08 13.82	83.45 4.25 7.45	76.59 3.92 8.89	73.28 3.84 8.97	72.61 3.44 4.09	70.88 2.77 -2.25	69.30 2.02 -2.04
TEALLAVE_115KV_TB7 355573	63.61 -1.77 0.00	62.84 -2.01 0.00	62.71 -2.14 0.00	62.59 -2.07 0.00	62.46 -2.13 0.00	62.45 -2.27 0.00	62.64 -2.34 0.00	62.71 -2.14 0.00	63.42 -1.83 0.00	65.77 -1.62 0.00	67.93 -1.53 0.00	63.89 -1.64 0.00	63.15 -2.02 0.00	63.16 -1.95 0.00	63.03 -2.02 0.00	65.78 -1.62 0.00	75.83 -1.86 0.00	86.74 -1.95 0.00	84.66 -1.99 0.00	79.70 -1.88 0.00	76.69 -1.73 0.00	71.65 -1.61 0.00	64.54 -1.32 0.00	63.61 -1.63 0.00
TELGRAPH_34_KV_EAST 80808	61.98 -3.40 0.00	60.70 -4.15 0.00	60.57 -4.28 0.00	60.65 -4.01 0.00	60.39 -4.20 0.00	59.61 -5.11 0.00	59.07 -5.91 0.00	59.14 -5.71 0.00	60.10 -5.15 0.00	63.48 -3.91 0.00	65.29 -4.17 0.00	61.14 -4.39 0.00	59.44 -5.74 0.00	59.84 -5.27 0.00	59.32 -5.72 0.00	62.88 -4.52 0.00	71.71 -5.98 0.00	82.13 -6.56 0.00	79.55 -7.11 0.00	75.53 -6.04 0.00	72.69 -5.72 0.00	68.72 -4.54 0.00	62.76 -3.10 0.00	61.72 -3.52 0.00
TEMPLE___115KV_TB 2 55572	63.68 -1.70 0.00	62.84 -2.01 0.00	62.77 -2.08 0.00	62.59 -2.07 0.00	62.52 -2.07 0.00	62.45 -2.27 0.00	62.64 -2.34 0.00	62.71 -2.14 0.00	63.42 -1.83 0.00	65.84 -1.55 0.00	67.93 -1.53 0.00	63.95 -1.57 0.00	63.22 -1.96 0.00	63.16 -1.95 0.00	63.09 -1.95 0.00	65.78 -1.62 0.00	75.91 -1.79 0.00	86.74 -1.95 0.00	84.66 -1.99 0.00	79.78 -1.79 0.00	76.69 -1.73 0.00	71.65 -1.61 0.00	64.61 -1.25 0.00	63.67 -1.57 0.00
TIANA____69_KV_BK 1 55817	95.31 6.01 -23.91	90.09 5.32 -19.92	88.07 5.32 -17.90	88.03 4.98 -18.39	87.96 4.91 -18.46	78.68 4.72 -9.24	86.93 5.13 -16.82	90.35 5.77 -19.73	90.42 6.20 -18.98	139.34 6.94 -65.01	109.88 7.02 -33.41	131.37 6.81 -59.03	109.75 6.65 -37.92	107.65 6.45 -36.09	113.18 6.63 -41.50	146.77 7.41 -71.96	183.88 8.47 -97.72	224.21 9.76 -125.77	272.04 9.79 -175.59	220.62 9.14 -129.91	245.65 8.94 -158.30	150.20 7.99 -68.95	142.84 7.05 -69.94	130.30 5.94 -59.12
TILDEN___115KV_TB1 80814	63.94 -1.44 0.00	63.16 -1.69 0.00	63.03 -1.82 0.00	62.84 -1.81 0.00	62.78 -1.81 0.00	62.78 -1.94 0.00	62.97 -2.01 0.00	63.03 -1.82 0.00	63.75 -1.50 0.00	66.11 -1.28 0.00	68.28 -1.18 0.00	64.22 -1.31 0.00	63.48 -1.69 0.00	63.42 -1.69 0.00	63.35 -1.69 0.00	66.12 -1.28 0.00	76.29 -1.40 0.00	87.18 -1.51 0.00	85.18 -1.47 0.00	80.18 -1.39 0.00	77.08 -1.33 0.00	72.01 -1.25 0.00	64.87 -0.99 0.00	63.94 -1.30 0.00

TRIGEN___CC 323695	93.41 4.12 -23.91	88.27 3.50 -19.92	86.38 3.63 -17.90	86.22 3.17 -18.39	86.15 3.10 -18.46	77.07 3.11 -9.24	85.11 3.31 -16.82	88.34 3.76 -19.73	88.34 4.11 -18.98	136.91 4.51 -65.01	107.45 4.58 -33.41	129.01 4.46 -59.03	107.47 4.37 -37.92	105.50 4.30 -36.09	110.84 4.29 -41.50	144.07 4.72 -71.96	147.91 5.67 -64.55	158.18 6.65 -62.84	166.86 6.67 -73.54	156.79 6.28 -68.94	155.14 6.04 -70.69	147.71 5.57 -68.88	140.47 4.68 -69.94	128.15 3.78 -59.12
TRINITY___115KV___4 BK 55933	70.01 2.68 -1.95	67.18 2.33 0.00	67.25 2.40 0.00	66.85 2.20 0.00	66.72 2.13 0.00	66.73 2.01 0.00	67.06 2.08 0.00	68.52 2.27 -1.40	77.18 2.48 -9.46	98.60 2.70 -28.51	101.48 2.78 -29.24	82.67 2.75 -14.40	80.31 2.61 -12.53	80.29 2.60 -12.57	70.97 2.60 -3.32	87.73 2.83 -17.50	105.18 3.19 -24.31	144.76 3.55 -52.53	161.90 3.38 -71.87	141.55 3.26 -56.72	119.01 3.29 -37.31	108.03 3.15 -31.62	82.47 2.83 -13.78	80.19 2.48 -12.47
UNION___PROCESSING_DRP 323587	62.96 -2.42 0.00	61.87 -2.98 0.00	61.74 -3.11 0.00	61.75 -2.91 0.00	61.55 -3.04 0.00	61.10 -3.62 0.00	60.89 -4.09 0.00	60.96 -3.89 0.00	61.79 -3.46 0.00	64.76 -2.63 0.00	66.75 -2.71 0.00	62.71 -2.82 0.00	61.46 -3.71 0.00	61.72 -3.39 0.00	61.34 -3.71 0.00	64.57 -2.83 0.00	73.89 -3.81 0.00	84.61 -4.08 0.00	82.23 -4.42 0.00	77.74 -3.83 0.00	74.80 -3.61 0.00	70.33 -2.93 0.00	63.75 -2.11 0.00	62.70 -2.54 0.00
UPPER HUDSON___HYD 24058	74.54 5.49 -3.66	70.04 5.19 0.00	70.10 5.25 0.00	69.76 5.11 0.00	69.69 5.10 0.00	69.64 4.92 0.00	70.37 5.39 0.00	72.86 5.38 -2.63	88.59 5.54 -17.80	127.12 6.07 -53.67	130.68 6.18 -55.04	98.32 5.70 -27.10	94.16 5.41 -23.58	94.17 5.40 -23.66	76.26 5.27 -5.95	105.99 5.66 -32.93	127.87 6.53 -43.65	192.29 7.53 -96.06	226.99 7.45 -132.88	193.15 7.09 -104.49	153.40 6.66 -68.33	137.99 6.37 -58.36	97.45 5.66 -25.93	94.13 5.41 -23.48
UPPER RAQUET___HYD 24056	66.23 0.85 0.00	66.34 1.49 0.00	66.27 1.42 0.00	66.33 1.68 0.00	66.33 1.74 0.00	66.27 1.55 0.00	66.21 1.23 0.00	66.27 1.42 0.00	66.29 1.04 0.00	67.99 0.61 0.00	70.01 0.55 0.00	66.11 0.59 0.00	66.15 0.98 0.00	66.09 0.98 0.00	66.08 1.04 0.00	67.87 0.48 0.00	77.93 0.23 0.00	87.71 -0.97 0.00	85.70 -0.95 0.00	80.60 -0.98 0.00	77.55 -0.86 0.00	73.04 -0.22 0.00	65.92 0.07 0.00	66.03 0.79 0.00
VALLEY44_115KV_TB2 355964	63.50 -1.96 -0.09	62.19 -2.66 0.00	62.00 -2.85 0.00	62.07 -2.59 0.00	61.75 -2.84 0.00	61.16 -3.56 0.00	60.76 -4.22 0.00	61.21 -3.70 -0.06	62.53 -3.13 -0.42	66.62 -2.02 -1.25	68.38 -2.36 -1.28	63.54 -2.62 -0.63	61.75 -3.98 -0.55	61.89 -3.78 -0.55	61.01 -4.16 -0.13	65.13 -3.03 -0.77	74.86 -3.81 -0.97	86.79 -4.08 -2.18	85.11 -4.59 -3.05	80.29 -3.67 -2.39	76.44 -3.53 -1.55	72.11 -2.49 -1.34	65.15 -1.32 -0.61	63.70 -2.09 -0.55
VALLEY___115KV_TB 1-4 80826	66.16 0.78 0.00	65.63 0.78 0.00	65.69 0.84 0.00	65.69 1.03 0.00	66.14 1.55 0.00	66.73 2.01 0.00	67.32 2.34 0.00	67.51 2.66 0.00	68.19 2.94 0.00	70.55 3.17 0.00	72.58 3.13 0.00	68.15 2.62 0.00	67.26 2.09 0.00	66.80 1.69 0.00	66.48 1.43 0.00	68.75 1.35 0.00	79.32 1.63 0.00	91.08 2.39 0.00	89.17 2.51 0.00	84.18 2.61 0.00	81.08 2.67 0.00	75.90 2.64 0.00	67.97 2.11 0.00	66.94 1.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	70.13 4.25 -0.50	68.81 3.96 0.00	68.68 3.83 0.00	68.41 3.75 0.00	68.27 3.68 0.00	68.34 3.62 0.00	68.68 3.70 0.00	69.29 4.09 -0.36	72.25 4.57 -2.43	79.70 4.99 -7.33	82.04 5.07 -7.51	73.75 4.52 -3.70	72.50 4.11 -3.22	72.25 3.91 -3.23	69.42 3.77 -0.61	76.00 4.11 -4.50	87.11 4.89 -4.52	106.00 6.12 -11.19	108.95 5.81 -16.49	99.74 5.47 -12.70	91.70 5.25 -8.03	85.34 4.91 -7.17	73.74 4.35 -3.54	72.42 3.98 -3.20
VISCHER___FERRY HYD 24020	71.93 3.59 -2.96	68.09 3.24 0.00	68.16 3.31 0.00	67.76 3.10 0.00	67.69 3.10 0.00	67.76 3.04 0.00	68.29 3.31 0.00	70.28 3.31 -2.12	83.14 3.52 -14.37	114.55 3.84 -43.32	117.85 3.96 -44.44	91.13 3.73 -21.87	87.79 3.58 -19.03	87.79 3.58 -19.10	73.45 3.51 -4.90	97.82 3.84 -26.59	118.09 4.50 -35.90	172.35 5.23 -78.43	199.87 5.20 -108.02	171.53 4.89 -85.06	138.87 4.70 -55.75	125.13 4.40 -47.47	90.61 3.82 -20.93	87.65 3.46 -18.95
V_A_10_SYNC_DSASP 323832	61.72 -3.66 0.00	60.51 -4.34 0.00	60.31 -4.54 0.00	60.39 -4.27 0.00	60.20 -4.39 0.00	60.71 -4.01 0.00	60.69 -4.29 0.00	59.01 -5.84 0.00	59.70 -5.55 0.00	62.87 -4.51 0.00	64.67 -4.79 0.00	60.68 -4.85 0.00	59.12 -6.06 0.00	59.44 -5.67 0.00	59.00 -6.05 0.00	62.34 -5.06 0.00	71.25 -6.45 0.00	81.33 -7.36 0.00	78.94 -7.71 0.00	74.80 -6.77 0.00	71.98 -6.43 0.00	67.98 -5.28 0.00	62.04 -3.82 0.00	61.13 -4.11 0.00
V_CMM_10_SYNC_DSASP 323787	65.45 0.07 0.00	65.50 0.65 0.00	65.50 0.65 0.00	65.49 0.84 0.00	65.49 0.90 0.00	65.50 0.78 0.00	65.50 0.52 0.00	65.50 0.65 0.00	65.45 0.20 0.00	67.19 -0.20 0.00	69.18 -0.28 0.00	65.33 -0.20 0.00	65.44 0.26 0.00	65.37 0.26 0.00	65.37 0.33 0.00	67.20 -0.20 0.00	77.31 -0.39 0.00	87.80 -0.89 0.00	85.79 -0.87 0.00	80.76 -0.82 0.00	77.47 -0.94 0.00	72.45 -0.80 0.00	65.20 -0.66 0.00	65.24 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	67.15 1.77 0.00	67.12 2.27 0.00	67.06 2.21 0.00	67.05 2.39 0.00	67.11 2.52 0.00	67.12 2.40 0.00	66.67 1.69 0.00	66.66 1.81 0.00	66.75 1.50 0.00	68.60 1.21 0.00	70.64 1.18 0.00	66.71 1.18 0.00	66.74 1.56 0.00	66.61 1.50 0.00	66.60 1.56 0.00	68.54 1.14 0.00	78.86 1.17 0.00	89.48 0.80 0.00	87.34 0.69 0.00	81.98 0.41 0.00	78.49 0.08 0.00	73.04 -0.22 0.00	65.47 -0.39 0.00	66.03 0.79 0.00
V_D_10_SYNC_DSASP 323841	65.84 0.46 0.00	65.95 1.10 0.00	65.88 1.03 0.00	65.95 1.29 0.00	65.95 1.36 0.00	65.89 1.17 0.00	65.89 0.91 0.00	65.88 1.03 0.00	65.84 0.59 0.00	67.59 0.20 0.00	69.60 0.14 0.00	65.72 0.20 0.00	65.76 0.59 0.00	65.76 0.65 0.00	65.76 0.72 0.00	67.60 0.20 0.00	77.69 0.00 0.00	88.16 -0.53 0.00	86.14 -0.52 0.00	81.08 -0.49 0.00	77.87 -0.55 0.00	72.89 -0.36 0.00	65.60 -0.26 0.00	65.70 0.46 0.00
V_E_10_SYNC_DSASP 323830	71.24 5.62 -0.23	70.36 5.51 0.00	70.23 5.38 0.00	70.09 5.43 0.00	69.95 5.36 0.00	70.48 5.76 0.00	70.89 5.91 0.00	70.73 5.71 -0.17	72.64 6.26 -1.13	77.26 6.47 -3.41	79.34 6.39 -3.49	72.68 5.44 -1.72	71.23 4.56 -1.50	70.78 4.17 -1.50	69.44 4.03 -0.36	74.27 4.79 -2.09	86.55 6.22 -2.64	103.20 8.60 -5.91	103.07 8.14 -8.28	95.80 7.75 -6.48	89.83 7.21 -4.21	83.33 6.45 -3.62	73.23 5.73 -1.64	72.21 5.48 -1.49
V_F_30_NSYNC___DSASP 323816	73.46 4.51 -3.57	69.06 4.21 0.00	69.13 4.28 0.00	68.80 4.14 0.00	68.66 4.07 0.00	68.67 3.95 0.00	69.27 4.29 0.00	71.69 4.28 -2.56	87.05 4.44 -17.36	124.53 4.79 -52.36	128.10 4.93 -53.71	96.62 4.65 -26.44	92.61 4.43 -23.00	92.63 4.43 -23.09	75.22 4.36 -5.82	104.25 4.72 -32.13	125.89 5.52 -42.68	188.92 6.39 -93.85	222.65 6.24 -129.75	189.57 5.95 -102.04	150.81 5.65 -66.75	135.52 5.28 -56.99	95.83 4.68 -25.30	92.52 4.37 -22.91

V_F_30_SYNC_DSASP 323786	70.55 2.81 -2.36	67.38 2.53 0.00	67.44 2.59 0.00	67.05 2.39 0.00	66.92 2.33 0.00	66.92 2.20 0.00	67.25 2.27 0.00	69.00 2.46 -1.69	79.38 2.68 -11.45	104.82 2.90 -34.54	107.94 3.06 -35.43	85.91 2.95 -17.44	83.15 2.80 -15.17	83.14 2.80 -15.23	71.80 2.80 -3.95	91.69 3.10 -21.20	110.06 3.42 -28.95	155.47 3.81 -62.97	176.80 3.64 -86.50	153.26 3.51 -68.18	126.61 3.45 -44.75	114.66 3.37 -38.03	85.57 3.03 -16.69	83.02 2.67 -15.11
V_XM_10_SYNC_DSASP 323789	67.15 1.77 0.00	67.12 2.27 0.00	67.06 2.21 0.00	67.05 2.39 0.00	67.11 2.52 0.00	67.12 2.40 0.00	66.67 1.69 0.00	66.66 1.81 0.00	66.75 1.50 0.00	68.60 1.21 0.00	70.64 1.18 0.00	66.71 1.18 0.00	66.74 1.56 0.00	66.61 1.50 0.00	66.60 1.56 0.00	68.54 1.14 0.00	78.86 1.17 0.00	89.48 0.80 0.00	87.34 0.69 0.00	81.98 0.41 0.00	78.49 0.08 0.00	73.04 -0.22 0.00	65.47 -0.39 0.00	66.03 0.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	68.25 2.55 -0.32	66.80 1.95 0.00	66.86 2.01 0.00	66.27 1.62 0.00	66.14 1.55 0.00	66.27 1.55 0.00	66.73 1.75 0.00	67.22 2.14 -0.23	69.23 2.41 -1.56	74.86 2.76 -4.71	77.14 2.85 -4.83	70.66 2.75 -2.38	69.98 2.74 -2.07	69.79 2.60 -2.08	65.68 2.60 1.96	73.25 2.97 -2.89	67.89 3.65 13.45	78.36 4.35 14.67	83.03 4.51 8.13	76.17 4.16 9.56	72.95 4.08 9.54	72.49 3.66 4.43	71.10 2.96 -2.28	69.52 2.22 -2.06
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	69.45 3.73 -0.35	67.90 3.05 0.00	68.03 3.18 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.31 2.59 0.00	67.84 2.86 0.00	68.47 3.37 -0.25	70.65 3.72 -1.68	76.57 4.11 -5.07	78.83 4.17 -5.20	72.22 4.13 -2.56	71.44 4.04 -2.23	71.32 3.97 -2.24	71.25 3.97 -2.23	74.89 4.38 -3.11	98.57 5.13 -15.75	119.42 6.12 -24.62	118.78 6.24 -25.89	109.84 5.79 -22.47	100.89 5.57 -16.91	90.32 5.13 -11.94	72.59 4.28 -2.45	70.79 3.33 -2.22
W50THST__13_KV_LOAD 356117	69.52 3.79 -0.35	67.96 3.11 0.00	68.03 3.18 0.00	67.37 2.72 0.00	67.24 2.65 0.00	67.37 2.65 0.00	67.90 2.92 0.00	68.47 3.37 -0.25	70.72 3.78 -1.68	76.64 4.18 -5.07	78.90 4.24 -5.20	72.28 4.19 -2.56	71.44 4.04 -2.23	71.38 4.04 -2.24	71.25 3.97 -2.23	74.96 4.45 -3.11	98.65 5.21 -15.75	119.51 6.21 -24.62	118.78 6.24 -25.89	109.84 5.79 -22.47	100.89 5.57 -16.91	90.40 5.20 -11.94	72.59 4.28 -2.45	70.85 3.39 -2.22
WADING RIVER_IC_1 23522	95.06 5.75 -23.92	89.90 5.12 -19.93	87.82 5.06 -17.91	87.77 4.72 -18.40	87.77 4.71 -18.47	78.63 4.66 -9.25	86.94 5.13 -16.82	90.03 5.45 -19.74	90.04 5.81 -18.98	138.88 6.47 -65.02	109.40 6.53 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.31 6.94 -71.97	183.15 7.84 -97.62	223.66 9.40 -125.57	271.10 9.18 -175.27	219.85 8.56 -129.72	244.83 8.39 -158.03	149.77 7.55 -68.96	142.45 6.65 -69.94	130.05 5.67 -59.13
WADING RIVER_IC_2 23547	95.06 5.75 -23.92	89.90 5.12 -19.93	87.82 5.06 -17.91	87.77 4.72 -18.40	87.77 4.71 -18.47	78.63 4.66 -9.25	86.94 5.13 -16.82	90.03 5.45 -19.74	90.04 5.81 -18.98	138.88 6.47 -65.02	109.40 6.53 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.31 6.94 -71.97	183.15 7.84 -97.62	223.66 9.40 -125.57	271.10 9.18 -175.27	219.85 8.56 -129.72	244.83 8.39 -158.03	149.77 7.55 -68.96	142.45 6.65 -69.94	130.05 5.67 -59.13
WADING RIVER_IC_3 23601	95.06 5.75 -23.92	89.90 5.12 -19.93	87.82 5.06 -17.91	87.77 4.72 -18.40	87.77 4.71 -18.47	78.63 4.66 -9.25	86.94 5.13 -16.82	90.03 5.45 -19.74	90.04 5.81 -18.98	138.88 6.47 -65.02	109.40 6.53 -33.42	130.92 6.35 -59.04	109.30 6.19 -37.93	107.27 6.06 -36.10	112.74 6.18 -41.51	146.31 6.94 -71.97	183.15 7.84 -97.62	223.66 9.40 -125.57	271.10 9.18 -175.27	219.85 8.56 -129.72	244.83 8.39 -158.03	149.77 7.55 -68.96	142.45 6.65 -69.94	130.05 5.67 -59.13
WALDENNY_12_KV_BK2 80841	62.63 -2.75 0.00	61.28 -3.57 0.00	61.09 -3.76 0.00	61.23 -3.43 0.00	60.91 -3.68 0.00	60.12 -4.60 0.00	59.59 -5.39 0.00	59.73 -5.12 0.00	60.68 -4.57 0.00	64.09 -3.30 0.00	65.78 -3.68 0.00	61.66 -3.87 0.00	59.83 -5.34 0.00	60.10 -5.01 0.00	59.58 -5.46 0.00	63.15 -4.25 0.00	72.18 -5.52 0.00	82.66 -6.03 0.00	79.98 -6.67 0.00	76.02 -5.55 0.00	73.16 -5.25 0.00	69.38 -3.88 0.00	63.49 -2.37 0.00	62.37 -2.87 0.00
WALDEN__HYDRO 24148	68.40 2.68 -0.34	66.99 2.14 0.00	67.05 2.20 0.00	66.53 1.87 0.00	66.40 1.81 0.00	66.53 1.81 0.00	66.86 1.88 0.00	67.30 2.20 -0.24	69.42 2.54 -1.62	75.12 2.83 -4.90	77.33 2.85 -5.02	70.82 2.82 -2.47	70.06 2.74 -2.15	69.87 2.60 -2.16	67.54 2.67 0.17	73.44 3.03 -3.01	80.43 3.73 1.00	95.23 4.43 -2.11	97.68 4.59 -6.43	89.95 4.24 -4.14	84.33 4.16 -1.76	79.57 3.74 -2.57	71.32 3.10 -2.37	69.80 2.41 -2.14
WARRENSBURG____ 23737	74.54 5.49 -3.66	70.04 5.19 0.00	70.10 5.25 0.00	69.76 5.11 0.00	69.69 5.10 0.00	69.64 4.92 0.00	70.37 5.39 0.00	72.86 5.38 -2.63	88.59 5.54 -17.80	127.12 6.07 -53.67	130.68 6.18 -55.04	98.32 5.70 -27.10	94.16 5.41 -23.58	94.17 5.40 -23.66	76.26 5.27 -5.95	105.99 5.66 -32.93	127.87 6.53 -43.65	192.29 7.53 -96.06	226.99 7.45 -132.88	193.15 7.09 -104.49	153.40 6.66 -68.33	137.99 6.37 -58.36	97.45 5.66 -25.93	94.13 5.41 -23.48
WATERSIDE____6 8 9 23538	69.45 3.73 -0.35	67.83 2.98 0.00	67.96 3.11 0.00	67.18 2.52 0.00	67.11 2.52 0.00	67.11 2.39 0.00	67.58 2.60 0.00	68.15 3.05 -0.25	70.33 3.39 -1.68	76.24 3.77 -5.07	78.48 3.82 -5.21	71.89 3.80 -2.56	71.12 3.71 -2.23	70.99 3.65 -2.24	70.92 3.64 -2.23	74.56 4.04 -3.11	98.37 4.97 -15.71	118.61 5.76 -24.16	118.12 5.98 -25.49	107.73 5.63 -20.53	99.26 5.41 -15.44	90.16 4.98 -11.92	72.46 4.15 -2.45	70.66 3.20 -2.22
WATKINRD_115KV_LN8_ILLION 55919	67.01 1.63 0.00	66.54 1.69 0.00	66.60 1.75 0.00	66.72 2.07 0.00	67.30 2.71 0.00	68.02 3.30 0.00	68.75 3.77 0.00	69.00 4.15 0.00	69.82 4.57 0.00	72.24 4.85 0.00	74.32 4.86 0.00	69.65 4.13 0.00	68.63 3.45 0.00	68.04 2.93 0.00	67.58 2.54 0.00	69.82 2.43 0.00	80.57 2.87 0.00	92.68 3.99 0.00	90.81 4.16 0.00	85.81 4.24 0.00	82.64 4.23 0.00	77.43 4.18 0.00	69.28 3.42 0.00	68.18 2.94 0.00
WATSON__69_KV_BK 1 55734	95.44 6.15 -23.91	90.22 5.45 -19.92	88.20 5.45 -17.90	88.09 5.04 -18.39	88.03 4.97 -18.46	78.75 4.79 -9.24	86.93 5.13 -16.82	90.22 5.64 -19.73	90.29 6.07 -18.98	139.07 6.67 -65.01	109.60 6.74 -33.41	131.11 6.55 -59.03	109.42 6.32 -37.92	107.39 6.19 -36.09	112.86 6.31 -41.50	146.43 7.08 -71.96	166.99 8.00 -81.30	192.89 9.58 -94.62	221.35 9.62 -125.07	190.27 8.97 -99.73	201.89 8.55 -114.94	149.94 7.77 -68.92	142.71 6.92 -69.94	130.24 5.87 -59.12
WDELAWARE__HYD 323627	68.55 2.81 -0.36	67.12 2.27 0.00	67.18 2.33 0.00	66.72 2.07 0.00	66.53 1.94 0.00	66.79 2.07 0.00	67.19 2.21 0.00	67.31 2.21 -0.26	69.46 2.48 -1.74	75.45 2.83 -5.23	77.61 2.78 -5.37	70.86 2.69 -2.64	70.01 2.54 -2.30	69.83 2.41 -2.31	67.46 2.47 0.06	73.51 2.90 -3.21	81.15 3.65 0.20	96.54 4.43 -3.42	99.11 4.59 -7.86	91.18 4.24 -5.37	85.22 4.15 -2.66	80.22 3.73 -3.23	71.48 3.10 -2.53	70.01 2.48 -2.29

WEST BABYLON___IC 23714	94.98 5.69 -23.91	89.77 4.99 -19.92	87.74 4.99 -17.90	87.58 4.53 -18.39	87.58 4.52 -18.46	78.36 4.40 -9.24	86.47 4.68 -16.82	89.77 5.19 -19.73	89.77 5.55 -18.98	138.53 6.13 -65.01	109.05 6.18 -33.41	130.58 6.03 -59.03	108.96 5.87 -37.92	106.93 5.73 -36.09	112.40 5.85 -41.50	145.83 6.47 -71.96	153.78 7.46 -68.63	168.15 8.87 -70.59	181.68 8.93 -86.10	166.34 8.32 -76.45	167.89 8.00 -81.48	149.40 7.25 -68.89	142.18 6.39 -69.94	129.78 5.41 -59.12
WEST CANADA___HYD 24049	65.97 0.59 0.00	65.31 0.46 0.00	65.31 0.46 0.00	65.11 0.46 0.00	65.05 0.46 0.00	65.18 0.46 0.00	65.50 0.52 0.00	65.43 0.58 0.00	65.90 0.65 0.00	68.13 0.74 0.00	70.22 0.77 0.00	66.25 0.72 0.00	65.83 0.65 0.00	65.69 0.58 0.00	65.63 0.58 0.00	68.07 0.67 0.00	78.55 0.86 0.00	89.67 0.98 0.00	87.61 0.95 0.00	82.47 0.90 0.00	79.36 0.94 0.00	74.07 0.81 0.00	66.58 0.73 0.00	65.83 0.59 0.00
WESTERN_NY_WIND 24143	63.03 -2.35 0.00	61.74 -3.11 0.00	61.61 -3.24 0.00	61.68 -2.97 0.00	61.43 -3.16 0.00	60.64 -4.08 0.00	60.17 -4.81 0.00	60.31 -4.54 0.00	61.27 -3.98 0.00	64.62 -2.76 0.00	66.54 -2.92 0.00	62.25 -3.28 0.00	60.61 -4.56 0.00	61.01 -4.10 0.00	60.49 -4.55 0.00	64.16 -3.24 0.00	73.19 -4.51 0.00	84.08 -4.61 0.00	81.54 -5.11 0.00	77.25 -4.32 0.00	74.41 -4.00 0.00	70.18 -3.08 0.00	63.95 -1.91 0.00	62.76 -2.48 0.00
WESTOVER___LESR 323668	65.40 -0.13 -0.16	64.33 -0.52 0.00	64.27 -0.58 0.00	64.07 -0.58 0.00	63.94 -0.65 0.00	63.81 -0.91 0.00	63.94 -1.04 0.00	64.18 -0.78 -0.11	65.55 -0.46 -0.75	69.59 -0.07 -2.27	71.72 -0.07 -2.33	66.41 -0.26 -1.15	65.39 -0.78 -1.00	65.40 -0.72 -1.00	64.44 -0.85 -0.24	68.52 -0.27 -1.40	79.22 -0.23 -1.76	92.63 0.00 -3.94	92.00 -0.17 -5.52	85.81 -0.08 -4.32	81.14 -0.08 -2.81	75.68 0.00 -2.42	67.15 0.20 -1.09	66.04 -0.20 -0.99
WETHRSFD_WT_PWR 323626	63.31 -2.16 -0.09	62.06 -2.79 0.00	61.87 -2.98 0.00	61.81 -2.84 0.00	61.49 -3.10 0.00	61.94 -2.78 0.00	61.93 -3.05 0.00	60.57 -4.34 -0.06	61.62 -4.05 -0.42	65.55 -3.10 -1.26	67.21 -3.54 -1.29	62.30 -3.87 -0.64	60.45 -5.28 -0.55	60.52 -5.14 -0.55	59.71 -5.46 -0.13	63.86 -4.31 -0.77	73.38 -5.29 -0.98	85.11 -5.76 -2.19	83.65 -6.07 -3.06	78.83 -5.14 -2.40	75.03 -4.94 -1.56	70.79 -3.81 -1.34	63.96 -2.50 -0.61	62.92 -2.87 -0.55
WHAVSTOR_138KV_BK127 55557	67.99 2.29 -0.32	66.54 1.69 0.00	66.60 1.75 0.00	66.01 1.36 0.00	65.95 1.36 0.00	66.01 1.29 0.00	66.47 1.49 0.00	66.96 1.88 -0.23	69.03 2.22 -1.57	74.67 2.56 -4.72	76.87 2.57 -4.84	70.47 2.56 -2.38	69.73 2.48 -2.07	69.60 2.41 -2.08	65.47 2.41 1.98	73.06 2.76 -2.90	67.45 3.34 13.58	77.84 3.99 14.84	82.55 4.16 8.27	75.72 3.83 9.69	72.52 3.76 9.65	72.13 3.37 4.49	70.84 2.70 -2.28	69.26 1.96 -2.07
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	67.99 2.29 -0.32	66.54 1.69 0.00	66.60 1.75 0.00	66.01 1.36 0.00	65.95 1.36 0.00	66.01 1.29 0.00	66.47 1.49 0.00	66.96 1.88 -0.23	69.03 2.22 -1.57	74.67 2.56 -4.72	76.87 2.57 -4.84	70.47 2.56 -2.38	69.73 2.48 -2.07	69.60 2.41 -2.08	65.47 2.41 1.98	73.06 2.76 -2.90	67.45 3.34 13.58	77.84 3.99 14.84	82.55 4.16 8.27	75.72 3.83 9.69	72.52 3.76 9.65	72.13 3.37 4.49	70.84 2.70 -2.28	69.26 1.96 -2.07
WHITEHAL_115KV_TB1 80871	75.48 6.47 -3.63	71.01 6.16 0.00	71.08 6.23 0.00	70.80 6.14 0.00	70.73 6.14 0.00	70.42 5.70 0.00	71.15 6.17 0.00	73.94 6.49 -2.60	89.52 6.66 -17.62	127.65 7.14 -53.12	131.24 7.29 -54.49	99.16 6.81 -26.82	94.96 6.45 -23.34	94.91 6.38 -23.42	77.25 6.31 -5.90	106.74 6.74 -32.60	128.79 7.85 -43.25	192.97 9.13 -95.14	227.25 9.01 -131.58	193.53 8.48 -103.47	154.08 8.00 -67.67	138.52 7.47 -57.79	98.18 6.65 -25.67	94.87 6.39 -23.24
WHITEPLN_13_KV_LOAD 356215	69.58 3.86 -0.35	68.09 3.24 0.00	68.16 3.31 0.00	67.44 2.78 0.00	67.37 2.78 0.00	67.44 2.72 0.00	67.97 2.99 0.00	68.53 3.44 -0.25	70.77 3.85 -1.67	76.68 4.25 -5.05	79.01 4.38 -5.18	72.33 4.26 -2.55	71.50 4.11 -2.22	71.31 3.97 -2.22	71.30 3.97 -2.29	75.01 4.52 -3.10	99.25 5.44 -16.12	120.26 6.47 -25.09	119.42 6.50 -26.27	110.46 6.04 -22.85	101.60 5.96 -17.23	90.81 5.42 -12.13	72.58 4.28 -2.44	70.77 3.33 -2.21
WM_FLOYD_69_KV_BK2 356380	95.05 5.75 -23.91	89.83 5.06 -19.92	87.81 5.06 -17.90	87.77 4.72 -18.39	87.77 4.72 -18.46	78.42 4.47 -9.24	86.60 4.81 -16.82	90.02 5.45 -19.73	90.03 5.81 -18.98	138.80 6.40 -65.01	109.33 6.46 -33.41	130.85 6.29 -59.03	109.22 6.13 -37.92	107.19 5.99 -36.09	112.66 6.11 -41.50	146.23 6.87 -71.96	183.78 7.77 -98.32	224.73 9.13 -126.91	273.36 9.27 -177.44	221.15 8.56 -131.01	246.61 8.31 -159.89	149.76 7.55 -68.95	142.45 6.65 -69.94	129.98 5.61 -59.12
WOODARD__115KV_TB2 355635	63.55 -1.83 0.00	62.77 -2.08 0.00	62.65 -2.20 0.00	62.52 -2.13 0.00	62.39 -2.20 0.00	62.39 -2.33 0.00	62.58 -2.40 0.00	62.65 -2.20 0.00	63.36 -1.89 0.00	65.70 -1.68 0.00	67.79 -1.67 0.00	63.82 -1.70 0.00	63.09 -2.09 0.00	63.03 -2.08 0.00	62.96 -2.08 0.00	65.65 -1.75 0.00	75.75 -1.94 0.00	86.56 -2.13 0.00	84.57 -2.08 0.00	79.61 -1.96 0.00	76.53 -1.88 0.00	71.57 -1.68 0.00	64.47 -1.38 0.00	63.54 -1.70 0.00
YORK___WARBASSE 23770	69.72 3.99 -0.35	68.03 3.18 0.00	68.16 3.31 0.00	67.31 2.65 0.00	67.24 2.65 0.00	67.18 2.46 0.00	67.64 2.66 0.00	68.28 3.18 -0.25	70.52 3.59 -1.68	76.44 3.98 -5.08	78.69 4.03 -5.21	72.09 4.00 -2.56	71.31 3.91 -2.23	71.25 3.91 -2.24	71.11 3.84 -2.23	74.83 4.31 -3.11	98.75 5.28 -15.77	122.48 6.30 -27.50	121.54 6.50 -28.39	123.49 6.12 -35.80	111.19 5.80 -26.97	90.53 5.35 -11.92	72.72 4.41 -2.45	70.85 3.39 -2.22