

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/11/2026

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	49.43	45.62	41.98	40.21	40.63	42.31	44.77	51.39	54.14	57.85	61.08	63.92	67.39	78.15	90.18	99.24	131.62	165.84	149.77	120.21	94.71	79.42	61.32	54.11
24138	2.58	2.25	2.00	1.81	1.93	2.13	2.57	3.23	3.87	3.87	4.84	5.17	5.58	6.77	7.96	10.05	11.93	14.05	14.88	10.63	7.66	5.26	3.36	3.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-3.78	-0.59	-0.01	-0.48	-0.84	-5.71	-4.03	-24.24	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	49.43	45.66	41.98	40.25	40.63	42.27	44.77	51.30	53.95	58.58	61.00	63.81	67.34	78.07	91.28	98.82	131.17	165.30	149.39	119.88	94.45	79.34	61.21	54.01
24260	2.58	2.30	2.00	1.84	1.93	2.09	2.57	3.13	3.67	3.66	4.62	5.05	5.40	6.49	7.65	9.62	11.45	13.50	14.50	10.30	7.40	5.19	3.25	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	49.43	45.66	41.98	40.25	40.63	42.27	44.77	51.30	53.95	58.58	61.00	63.81	67.34	78.07	91.28	98.82	131.17	165.30	149.39	119.88	94.45	79.34	61.21	54.01
24261	2.58	2.30	2.00	1.84	1.93	2.09	2.57	3.13	3.67	3.66	4.62	5.05	5.40	6.49	7.65	9.62	11.45	13.50	14.50	10.30	7.40	5.19	3.25	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	49.25	45.62	42.10	40.33	40.60	42.15	44.09	50.14	52.00	51.85	57.43	60.97	63.66	73.35	79.88	89.34	107.67	121.64	132.15	116.49	92.36	78.88	65.24	53.30
24011	2.39	2.25	2.12	1.92	1.90	1.97	1.90	1.97	1.76	1.66	1.78	2.23	2.33	2.82	3.37	4.17	4.39	5.38	7.13	6.90	5.31	4.08	2.78	2.25
	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	-7.83	-6.51	0.00	0.00	0.00	-0.65	-4.50	0.00
ADK RESOURCE___RCVRY	49.48	45.88	42.30	40.48	40.79	42.35	44.30	50.34	52.15	52.00	57.60	61.20	63.85	73.63	80.11	89.68	108.01	122.04	133.03	117.48	93.05	79.46	65.60	53.60
23798	2.62	2.51	2.32	2.07	2.09	2.17	2.11	2.17	1.91	1.80	1.95	2.47	2.52	3.10	3.60	4.51	4.77	5.81	8.01	7.89	6.00	4.67	3.24	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.79	-6.48	0.00	0.00	0.00	-0.64	-4.40	0.00
ADK S GLENS___FALLS	49.25	45.62	42.10	40.33	40.60	42.15	44.09	50.14	52.00	51.85	57.43	60.97	63.66	73.35	79.88	89.34	107.67	121.64	132.15	116.49	92.36	78.88	65.24	53.30
24028	2.39	2.25	2.12	1.92	1.90	1.97	1.90	1.97	1.76	1.66	1.78	2.23	2.33	2.82	3.37	4.17	4.39	5.38	7.13	6.90	5.31	4.08	2.78	2.25
	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	-7.83	-6.51	0.00	0.00	0.00	-0.65	-4.50	0.00
ADK_NYS___DAM	48.59	45.01	41.62	39.95	40.25	41.75	43.93	50.04	52.00	52.00	57.71	61.03	63.79	73.14	79.42	89.00	111.34	123.82	130.40	114.40	90.79	78.36	67.40	53.10
23527	1.73	1.65	1.64	1.54	1.55	1.57	1.73	1.88	1.76	1.80	2.06	2.29	2.46	2.61	2.91	3.84	4.39	4.50	5.37	4.82	3.74	3.19	2.38	2.04
	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	-11.50	-9.56	0.00	0.00	0.00	-1.02	-7.06	0.00
AIR_PRODUCTS___DRP	47.23	43.84	40.50	38.91	39.20	40.67	42.66	48.41	50.39	50.25	55.65	58.86	61.52	70.81	76.97	86.10	78.55	95.96	126.52	110.57	87.74	73.52	51.12	51.26
24190	0.37	0.48	0.52	0.50	0.50	0.48	0.46	0.24	0.15	0.05	0.00	0.12	0.18	0.28	0.46	0.94	1.15	1.21	1.50	0.99	0.70	0.37	0.12	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.04	15.01	0.00	0.00	0.00	1.01	6.96	0.00
AKWESSNE_115KV_BK	47.09	43.54	40.02	38.49	38.78	40.26	42.28	48.21	49.94	49.95	54.82	57.80	60.29	69.19	74.75	82.61	92.59	106.57	121.40	106.84	84.96	73.11	57.15	50.90
355683	0.23	0.17	0.04	0.08	0.08	0.08	0.08	0.05	-0.30	-0.25	-0.83	-0.94	-1.04	-1.34	-1.76	-2.55	-2.86	-3.18	-3.63	-2.74	-2.09	-1.04	-0.81	-0.15
	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	48.31	44.84	41.42	39.75	40.05	41.47	43.42	49.18	50.19	50.00	55.32	58.50	61.09	70.32	76.43	85.68	79.06	96.65	127.02	111.23	88.36	74.03	51.51	51.51
323833	1.45	1.48	1.44	1.34	1.35	1.29	1.22	1.01	-0.05	-0.20	-0.33	-0.23	-0.24	-0.21	-0.08	0.51	0.95	1.32	1.99	1.65	1.31	0.89	0.58	0.46
	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	17.35	14.43	0.00	0.00	0.00	1.02	7.03	0.00
ALBANY_2_SOLAR	48.31	44.84	41.42	39.75	40.02	41.47	43.42	49.13	50.19	50.00	55.32	58.50	61.09	70.32	76.43	85.68	78.99	96.56	127.02	111.23	88.27	74.03	51.46	51.46
323834	1.45	1.48	1.44	1.34	1.32	1.29	1.22	0.96	-0.05	-0.20	-0.33	-0.23	-0.24	-0.21	-0.08	0.51	0.86	1.21	1.99	1.65	1.22	0.89	0.52	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.32	14.40	0.00	0.00	0.00	1.02	7.02	0.00
ALBANY___1	47.23	43.84	40.50	38.91	39.20	40.67	42.66	48.41	50.39	50.25	55.65	58.86	61.52	70.81	76.97	86.10	78.55	95.96	126.52	110.57	87.74	73.52	51.12	51.26
23571	0.37	0.48	0.52	0.50	0.50	0.48	0.46	0.24	0.15	0.05	0.00	0.12	0.18	0.28	0.46	0.94	1.15	1.21	1.50	0.99	0.70	0.37	0.12	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.04	15.01	0.00	0.00	0.00	1.01	6.96	0.00

ALBANY___2 23572	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.46 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.65 0.00 0.00	58.86 0.12 0.00	61.52 0.18 0.00	70.81 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.55 1.15 18.04	95.96 1.21 15.01	126.52 1.50 0.00	110.57 0.99 0.00	87.74 0.70 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.26 0.20 0.00
ALBANY___3 23573	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.46 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.65 0.00 0.00	58.86 0.12 0.00	61.52 0.18 0.00	70.81 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.55 1.15 18.04	95.96 1.21 15.01	126.52 1.50 0.00	110.57 0.99 0.00	87.74 0.70 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.26 0.20 0.00
ALBANY___4 23574	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.46 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.65 0.00 0.00	58.86 0.12 0.00	61.52 0.18 0.00	70.81 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.55 1.15 18.04	95.96 1.21 15.01	126.52 1.50 0.00	110.57 0.99 0.00	87.74 0.70 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.26 0.20 0.00
ALBANY___LFGE 323615	47.79 0.94 0.00	44.31 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.08 0.89 0.00	48.94 0.77 0.00	50.85 0.61 0.00	50.75 0.55 0.00	56.26 0.61 0.00	59.56 0.82 0.00	62.26 0.92 0.00	71.59 1.06 0.00	77.81 1.30 0.00	87.13 1.96 0.00	98.68 2.20 -1.03	113.03 2.41 -0.86	128.27 3.25 0.00	112.32 2.74 0.00	88.96 1.91 0.00	75.77 1.34 -0.28	60.77 0.87 -1.94	51.82 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	47.19 0.33 0.00	43.62 0.26 0.00	40.10 0.12 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.35 0.16 0.00	42.32 0.13 0.00	48.31 0.14 0.00	50.29 0.05 0.00	50.15 -0.05 0.00	55.04 -0.61 0.00	57.92 -0.82 0.00	60.42 -0.92 0.00	69.48 -1.06 0.00	74.98 -1.53 0.00	82.87 -2.30 0.00	92.88 -2.57 0.00	107.02 -2.74 0.00	121.90 -3.12 0.00	107.28 -2.31 0.00	85.39 -1.66 0.00	73.34 -0.81 0.00	57.56 -0.40 0.00	51.15 0.10 0.00
ALCOA_RYNLDS___DRP 24188	47.18 0.33 0.00	43.62 0.26 0.00	40.06 0.08 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.35 0.16 0.00	42.36 0.17 0.00	48.31 0.14 0.00	50.24 0.00 0.00	50.15 -0.05 0.00	55.04 -0.61 0.00	57.97 -0.76 0.00	60.48 -0.86 0.00	69.47 -1.06 0.00	74.98 -1.53 0.00	82.87 -2.30 0.00	92.87 -2.58 0.00	107.01 -2.74 0.00	121.90 -3.13 0.00	107.39 -2.19 0.00	85.39 -1.65 0.00	73.34 -0.82 0.00	57.56 -0.41 0.00	51.05 0.00 0.00
ALCOA___DSASP 323711	47.18 0.33 0.00	43.62 0.26 0.00	40.06 0.08 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.35 0.16 0.00	42.36 0.17 0.00	48.31 0.14 0.00	50.24 0.00 0.00	50.15 -0.05 0.00	55.04 -0.61 0.00	57.97 -0.76 0.00	60.48 -0.86 0.00	69.47 -1.06 0.00	74.98 -1.53 0.00	82.87 -2.30 0.00	92.87 -2.58 0.00	107.01 -2.74 0.00	121.90 -3.13 0.00	107.39 -2.19 0.00	85.39 -1.65 0.00	73.34 -0.82 0.00	57.56 -0.41 0.00	51.05 0.00 0.00
ALLEGHENY___COGEN 23514	47.60 0.75 0.00	43.58 0.22 0.00	40.06 0.08 0.01	38.26 -0.15 0.00	38.74 0.04 0.00	40.46 0.24 -0.04	42.78 0.51 -0.08	75.15 0.43 -26.55	76.25 0.05 -25.96	56.44 -0.55 -6.79	81.51 -0.78 -26.64	86.72 -1.17 -29.16	79.47 -1.04 -19.18	113.84 -7.26 -50.57	125.62 -7.65 -56.76	127.75 -6.64 -49.22	142.64 -6.87 -54.06	113.59 -8.35 -12.18	120.28 -8.00 -3.26	106.40 -3.18 0.00	85.74 -1.30 0.00	78.05 3.93 0.03	59.00 2.43 1.40	53.46 0.92 -1.49
ALTAMONT_115KV_TB 2 55880	47.65 0.80 0.00	44.23 0.87 0.00	40.82 0.84 0.00	39.22 0.81 0.00	39.51 0.81 0.00	40.99 0.80 0.00	43.00 0.80 0.00	48.89 0.72 0.00	50.90 0.65 0.00	50.80 0.60 0.00	56.37 0.72 0.00	59.62 0.88 0.00	62.25 0.92 0.00	71.66 1.13 0.00	77.96 1.45 0.00	87.21 2.04 0.00	88.16 2.39 9.68	104.34 2.63 8.05	128.02 3.00 0.00	111.99 2.41 0.00	88.88 1.83 0.00	74.88 1.26 0.54	55.07 0.81 3.70	51.82 0.77 0.00
ALTONA_WT_PWR 323606	47.19 0.33 0.00	43.58 0.22 0.00	40.06 0.08 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.35 0.16 0.00	42.32 0.13 0.00	48.31 0.14 0.00	50.34 0.10 0.00	50.30 0.10 0.00	55.04 -0.61 0.00	57.56 -1.17 0.00	59.86 -1.47 0.00	68.77 -1.76 0.00	74.22 -2.29 0.00	82.10 -3.06 0.00	92.02 -3.43 0.00	106.14 -3.62 0.00	120.90 -4.12 0.00	106.30 -3.28 0.00	84.52 -2.53 0.00	72.45 -1.70 0.00	57.15 -0.81 0.00	51.21 0.15 0.00
AMERICAN_REF_FUEL 24010	42.45 -4.41 0.00	38.81 -4.55 0.00	35.81 -4.16 0.01	34.26 -4.15 0.00	34.64 -4.06 0.00	36.04 -4.14 0.01	37.96 -4.22 0.02	37.80 -3.76 6.61	40.21 -3.57 6.47	44.78 -3.71 1.70	45.01 -4.01 6.63	47.20 -4.29 7.25	52.14 -4.42 4.78	52.31 -5.65 12.58	56.43 -5.97 14.12	67.32 -5.45 12.40	73.72 -6.39 15.34	93.00 -11.74 5.02	108.29 -13.26 3.48	101.25 -8.33 0.00	81.57 -5.48 0.00	68.18 -5.93 0.04	51.38 -4.81 1.78	44.12 -5.06 1.88
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.91 -2.95 0.00	40.20 -3.16 0.00	36.90 -3.08 0.01	35.18 -3.23 0.00	35.57 -3.13 0.00	37.04 -3.13 0.01	39.47 -2.70 0.03	38.05 -2.07 8.05	40.66 -1.71 7.87	46.49 -1.66 2.06	45.78 -1.84 8.04	47.71 -2.23 8.80	53.18 -2.33 5.82	52.05 -3.17 15.31	56.04 -3.29 17.19	67.56 -2.64 14.96	79.61 -2.48 13.36	97.38 -7.69 4.69	114.08 -7.38 3.57	107.39 -2.19 0.00	86.26 -0.78 0.00	71.30 -2.82 0.03	53.44 -2.90 1.62	45.57 -3.58 1.91
ARTHUR KILL_GT_1 23520	49.68 2.81 -0.01	45.93 2.56 -0.01	42.27 2.28 -0.01	40.53 2.11 -0.01	40.91 2.21 -0.01	42.56 2.37 -0.01	44.98 2.78 0.00	51.50 3.32 -0.01	54.00 3.72 -0.04	57.62 3.06 -4.36	60.34 4.01 -0.68	63.51 4.76 -0.02	66.87 4.97 -0.57	77.36 5.85 -0.98	89.74 6.96 -6.27	98.05 8.86 -4.03	130.41 10.69 -24.26	164.31 12.51 -42.04	148.65 13.75 -9.87	119.67 10.08 -0.01	94.37 7.31 -0.01	79.20 5.04 -0.01	61.27 3.30 -0.01	54.17 3.11 -0.01
ARTHUR_KILL_2 23512	49.53 2.67 -0.01	45.75 2.38 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.35 3.18 -0.01	53.80 3.52 -0.04	57.42 2.86 -4.36	60.12 3.79 -0.68	63.39 4.64 -0.02	66.82 4.72 -0.77	77.08 5.57 -0.98	89.43 6.65 -6.27	97.64 8.43 -4.04	129.81 10.22 -24.14	163.45 11.75 -41.95	147.65 12.76 -9.87	119.24 9.65 -0.01	93.93 6.88 -0.01	78.84 4.67 -0.01	60.98 3.01 -0.01	53.92 2.86 -0.01
ARTHUR_KILL_3 23513	48.92 2.06 0.00	45.14 1.78 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.75 1.57 0.00	44.26 2.07 0.00	50.77 2.60 0.00	53.34 3.07 -0.04	57.71 3.16 -4.35	60.22 3.89 -0.68	63.10 4.35 -0.02	66.63 4.54 -0.76	77.01 5.51 -0.97	89.27 6.50 -6.26	97.63 8.43 -4.03	129.61 10.02 -24.14	163.33 11.63 -41.94	147.51 12.62 -9.86	118.67 9.09 0.00	93.32 6.27 0.00	78.30 4.15 0.00	60.51 2.55 0.00	53.50 2.45 0.00

ARTHUR_KILL_COGEN 323718	49.68 2.81 -0.01	45.88 2.51 -0.01	42.27 2.28 -0.01	40.53 2.11 -0.01	40.91 2.20 -0.01	42.52 2.33 -0.01	44.98 2.78 0.00	51.50 3.32 -0.01	54.00 3.72 -0.04	57.62 3.06 -4.36	60.29 3.95 -0.68	63.63 4.87 -0.02	67.07 4.97 -0.77	77.36 5.85 -0.98	89.74 6.96 -6.27	98.06 8.86 -4.04	130.28 10.69 -24.14	164.00 12.29 -41.95	148.28 13.38 -9.87	119.89 10.30 -0.01	94.37 7.31 -0.01	79.21 5.04 -0.01	61.21 3.24 -0.01	54.12 3.06 -0.01
ASHOKAN____ 23654	49.62 2.76 0.00	45.83 2.47 0.00	42.30 2.32 0.00	40.60 2.19 0.00	40.79 2.09 0.00	42.23 2.05 0.00	44.26 2.07 0.00	50.14 1.98 0.00	52.00 1.76 0.00	51.70 1.50 0.00	57.60 1.95 0.00	61.03 2.29 0.00	63.91 2.58 0.00	73.92 3.39 0.00	80.64 4.13 0.00	91.21 6.05 0.00	93.51 10.88 12.82	111.27 12.18 10.66	137.78 12.76 0.00	117.69 8.11 0.00	92.97 5.92 0.00	79.22 5.86 0.79	56.66 4.12 5.42	53.81 2.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.39 2.53 -0.01	45.58 2.21 -0.01	41.87 1.88 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.47 2.28 0.00	50.86 2.70 0.00	53.64 3.37 -0.03	58.00 3.22 -4.59	60.47 4.12 -0.71	63.45 4.70 -0.01	66.92 4.79 -0.80	77.33 5.78 -1.02	90.34 6.89 -6.94	97.88 8.69 -4.02	129.90 10.31 -24.14	163.44 11.75 -41.94	147.64 12.76 -9.86	119.56 9.97 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.76 2.70 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.39 2.53 -0.01	45.58 2.21 -0.01	41.87 1.88 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.47 2.28 0.00	50.86 2.70 0.00	53.64 3.37 -0.03	58.00 3.22 -4.59	60.47 4.12 -0.71	63.45 4.70 -0.01	66.92 4.79 -0.80	77.33 5.78 -1.02	90.34 6.89 -6.94	97.88 8.69 -4.02	129.90 10.31 -24.14	163.44 11.75 -41.94	147.64 12.76 -9.86	119.56 9.97 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.76 2.70 -0.01
ASTORIA_GT2_1 24094	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT2_2 24095	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT2_3 24096	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT2_4 24097	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT3_1 24098	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT3_2 24099	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT3_3 24100	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT3_4 24101	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT4_1 24102	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT4_2 24103	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT4_3 24104	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01

ASTORIA_GT4_4 24105	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.52 2.32 0.00	50.91 2.75 0.00	53.70 3.42 -0.04	58.05 3.26 -4.58	60.53 4.17 -0.71	63.28 4.52 -0.02	66.73 4.78 -0.61	77.33 5.78 -1.02	90.33 6.89 -6.94	97.88 8.69 -4.03	130.12 10.40 -24.26	163.87 12.07 -42.04	148.02 13.13 -9.86	119.45 9.86 -0.01	94.19 7.14 0.00	79.05 4.89 -0.01	61.10 3.13 -0.01	53.87 2.81 -0.01
ASTORIA_GT_1 23523	49.53 2.67 -0.01	45.71 2.34 -0.01	41.99 2.00 -0.01	40.22 1.81 -0.01	40.64 1.93 -0.01	42.24 2.05 -0.01	44.60 2.41 0.00	51.01 2.84 0.00	53.80 3.52 -0.04	58.15 3.36 -4.58	60.70 4.34 -0.71	63.45 4.70 -0.02	66.91 4.97 -0.61	77.54 6.00 -1.02	90.56 7.12 -6.94	98.23 9.03 -4.03	130.41 10.69 -24.26	164.20 12.40 -42.04	148.39 13.50 -9.86	119.89 10.30 -0.01	94.45 7.40 0.00	79.28 5.12 -0.01	61.22 3.25 -0.01	53.97 2.91 -0.01
ASTORIA_GT_10 24110	49.30 2.44 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.20 2.01 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.65 3.37 -0.04	58.13 3.21 -4.72	60.50 4.12 -0.73	63.34 4.58 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.43 6.81 -7.11	97.88 8.69 -4.03	130.12 10.40 -24.26	163.98 12.18 -42.04	148.14 13.25 -9.86	119.12 9.53 0.00	93.84 6.79 0.00	78.82 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
ASTORIA_GT_11 24225	49.30 2.44 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.20 2.01 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.65 3.37 -0.04	58.13 3.21 -4.72	60.50 4.12 -0.73	63.34 4.58 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.43 6.81 -7.11	97.88 8.69 -4.03	130.12 10.40 -24.26	163.98 12.18 -42.04	148.14 13.25 -9.86	119.12 9.53 0.00	93.84 6.79 0.00	78.82 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
ASTORIA_GT_12 24226	49.30 2.44 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.20 2.01 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.65 3.37 -0.04	58.13 3.21 -4.72	60.50 4.12 -0.73	63.34 4.58 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.43 6.81 -7.11	97.88 8.69 -4.03	130.12 10.40 -24.26	163.98 12.18 -42.04	148.14 13.25 -9.86	119.12 9.53 0.00	93.84 6.79 0.00	78.82 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
ASTORIA_GT_13 24227	49.30 2.44 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.20 2.01 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.65 3.37 -0.04	58.13 3.21 -4.72	60.50 4.12 -0.73	63.34 4.58 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.43 6.81 -7.11	97.88 8.69 -4.03	130.12 10.40 -24.26	163.98 12.18 -42.04	148.14 13.25 -9.86	119.12 9.53 0.00	93.84 6.79 0.00	78.82 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
ASTORIA_GT_5 24106	49.53 2.67 -0.01	45.71 2.34 -0.01	41.99 2.00 -0.01	40.22 1.81 -0.01	40.64 1.93 -0.01	42.24 2.05 -0.01	44.60 2.41 0.00	51.01 2.84 0.00	53.80 3.52 -0.04	58.15 3.36 -4.58	60.70 4.34 -0.71	63.45 4.70 -0.02	66.91 4.97 -0.61	77.54 6.00 -1.02	90.56 7.12 -6.94	98.23 9.03 -4.03	130.41 10.69 -24.26	164.20 12.40 -42.04	148.39 13.50 -9.86	119.89 10.30 -0.01	94.45 7.40 0.00	79.28 5.12 -0.01	61.22 3.25 -0.01	53.97 2.91 -0.01
ASTORIA_GT_7 24107	49.53 2.67 -0.01	45.71 2.34 -0.01	41.99 2.00 -0.01	40.22 1.81 -0.01	40.64 1.93 -0.01	42.24 2.05 -0.01	44.60 2.41 0.00	51.01 2.84 0.00	53.80 3.52 -0.04	58.15 3.36 -4.58	60.70 4.34 -0.71	63.45 4.70 -0.02	66.91 4.97 -0.61	77.54 6.00 -1.02	90.56 7.12 -6.94	98.23 9.03 -4.03	130.41 10.69 -24.26	164.20 12.40 -42.04	148.39 13.50 -9.86	119.89 10.30 -0.01	94.45 7.40 0.00	79.28 5.12 -0.01	61.22 3.25 -0.01	53.97 2.91 -0.01
ASTORIA_GT_8 24108	49.53 2.67 -0.01	45.71 2.34 -0.01	41.99 2.00 -0.01	40.22 1.81 -0.01	40.64 1.93 -0.01	42.24 2.05 -0.01	44.60 2.41 0.00	51.01 2.84 0.00	53.80 3.52 -0.04	58.15 3.36 -4.58	60.70 4.34 -0.71	63.45 4.70 -0.02	66.91 4.97 -0.61	77.54 6.00 -1.02	90.56 7.12 -6.94	98.23 9.03 -4.03	130.41 10.69 -24.26	164.20 12.40 -42.04	148.39 13.50 -9.86	119.89 10.30 -0.01	94.45 7.40 0.00	79.28 5.12 -0.01	61.22 3.25 -0.01	53.97 2.91 -0.01
ASTORIA___2 24149	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.52 2.32 0.00	50.91 2.74 0.00	53.64 3.37 -0.03	58.00 3.22 -4.59	60.47 4.12 -0.71	63.45 4.70 -0.01	66.97 4.84 -0.80	77.33 5.78 -1.02	90.34 6.89 -6.94	97.88 8.69 -4.02	130.00 10.41 -24.14	163.55 11.86 -41.94	147.76 12.88 -9.86	119.67 10.08 -0.01	94.19 7.14 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.81 2.75 -0.01
ASTORIA___3 23516	49.30 2.43 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.60 3.32 -0.04	58.13 3.22 -4.72	60.44 4.06 -0.73	63.51 4.76 -0.02	66.93 4.79 -0.81	77.37 5.78 -1.05	90.43 6.81 -7.12	97.89 8.69 -4.03	130.00 10.41 -24.15	163.67 11.97 -41.95	147.77 12.88 -9.86	119.23 9.65 0.00	93.84 6.79 0.00	78.75 4.60 0.00	60.92 2.95 -0.01	53.81 2.75 -0.01
ASTORIA___4 23517	49.30 2.44 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.20 2.01 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.65 3.37 -0.04	58.13 3.21 -4.72	60.50 4.12 -0.73	63.34 4.58 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.43 6.81 -7.11	97.88 8.69 -4.03	130.12 10.40 -24.26	163.98 12.18 -42.04	148.14 13.25 -9.86	119.12 9.53 0.00	93.84 6.79 0.00	78.82 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
ASTORIA___5 23518	49.30 2.43 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.60 3.32 -0.04	58.13 3.22 -4.72	60.44 4.06 -0.73	63.51 4.76 -0.02	66.93 4.79 -0.81	77.37 5.78 -1.05	90.43 6.81 -7.12	97.89 8.69 -4.03	130.00 10.41 -24.15	163.67 11.97 -41.95	147.77 12.88 -9.86	119.23 9.65 0.00	93.84 6.79 0.00	78.75 4.60 0.00	60.92 2.95 -0.01	53.81 2.75 -0.01
AST_ENERGY_2_CC3 323677	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.91 2.74 0.00	53.50 3.22 -0.04	58.01 3.22 -4.60	60.42 4.06 -0.71	63.34 4.58 -0.02	66.92 4.79 -0.80	77.34 5.78 -1.02	90.33 6.89 -6.94	97.97 8.77 -4.03	130.00 10.41 -24.14	163.77 12.07 -41.94	147.77 12.88 -9.86	118.89 9.31 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.69 2.72 0.00	53.60 2.55 0.00
AST_ENERGY_2_CC4 323678	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.91 2.74 0.00	53.50 3.22 -0.04	58.01 3.22 -4.60	60.42 4.06 -0.71	63.34 4.58 -0.02	66.92 4.79 -0.80	77.34 5.78 -1.02	90.33 6.89 -6.94	97.97 8.77 -4.03	130.00 10.41 -24.14	163.77 12.07 -41.94	147.77 12.88 -9.86	118.89 9.31 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.69 2.72 0.00	53.60 2.55 0.00

ATHENS_STG_1 23668	47.79 0.94 0.00	44.31 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.17 0.97 0.00	49.23 1.06 0.00	51.45 1.20 0.00	51.41 1.20 0.00	57.21 1.56 0.00	60.56 1.82 0.00	63.30 1.96 0.00	72.86 2.32 0.00	79.42 2.91 -0.01	89.08 3.92 0.00	99.94 4.49 0.00	114.81 5.05 0.00	130.52 5.49 0.00	113.52 3.94 0.00	89.92 2.87 0.00	76.01 1.85 0.00	59.06 1.10 0.00	52.02 0.97 0.00
ATHENS_STG_2 23670	47.79 0.94 0.00	44.31 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.17 0.97 0.00	49.23 1.06 0.00	51.45 1.20 0.00	51.41 1.20 0.00	57.21 1.56 0.00	60.56 1.82 0.00	63.30 1.96 0.00	72.86 2.32 0.00	79.42 2.91 -0.01	89.08 3.92 0.00	99.94 4.49 0.00	114.81 5.05 0.00	130.52 5.49 0.00	113.52 3.94 0.00	89.92 2.87 0.00	76.01 1.85 0.00	59.06 1.10 0.00	52.02 0.97 0.00
ATHENS_STG_3 23677	47.79 0.94 0.00	44.31 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.17 0.97 0.00	49.23 1.06 0.00	51.45 1.20 0.00	51.41 1.20 0.00	57.21 1.56 0.00	60.56 1.82 0.00	63.30 1.96 0.00	72.86 2.32 0.00	79.42 2.91 -0.01	89.08 3.92 0.00	99.94 4.49 0.00	114.81 5.05 0.00	130.52 5.49 0.00	113.52 3.94 0.00	89.92 2.87 0.00	76.01 1.85 0.00	59.06 1.10 0.00	52.02 0.97 0.00
AUBURN___LFGE 323710	46.89 0.00 -0.04	43.30 -0.17 -0.12	39.74 -0.24 0.00	38.18 -0.23 0.00	38.51 -0.19 0.00	40.07 -0.12 0.00	42.24 0.04 -0.01	50.32 0.10 -2.05	52.70 0.25 -2.21	50.89 0.20 -0.49	58.35 0.33 -2.36	61.63 0.23 -2.66	63.73 0.37 -2.03	75.89 0.28 -5.08	82.94 0.46 -5.97	92.21 1.19 -5.85	103.28 1.43 -6.40	115.79 1.43 -4.61	131.73 2.00 -4.71	115.63 2.52 -3.53	92.24 2.26 -2.92	77.05 1.26 -1.64	58.99 0.70 -0.33	52.01 0.15 -0.81
BABYLON_RES_REC 323704	49.53 2.67 0.00	45.36 2.00 0.00	41.62 1.64 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.87 1.69 0.00	44.39 2.19 0.00	50.57 2.41 0.00	52.44 2.21 0.01	53.26 3.06 0.01	59.09 3.45 0.01	62.29 3.64 0.09	64.99 3.87 0.21	75.48 5.78 0.84	83.63 7.42 0.29	93.52 8.69 0.34	106.34 10.78 -0.11	123.89 13.05 -1.08	136.42 13.00 1.61	117.66 9.09 1.02	93.83 7.22 0.44	78.00 3.85 0.01	60.39 2.43 0.00	53.20 2.14 0.00
BALL_HILL_WT_PWR 323825	44.09 -2.76 0.00	40.33 -3.04 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.88 -2.82 0.00	37.36 -2.81 0.01	39.68 -2.49 0.03	37.52 -1.98 8.67	40.11 -1.66 8.48	46.28 -1.71 2.21	45.16 -1.84 8.65	47.27 -2.00 9.48	52.98 -2.09 6.27	51.14 -2.89 16.50	55.01 -2.99 18.51	66.75 -2.30 16.12	78.44 -2.29 14.72	97.14 -7.57 5.05	113.29 -8.00 3.73	106.73 -2.85 0.00	85.74 -1.30 0.00	71.08 -3.04 0.03	53.41 -2.90 1.65	45.59 -3.47 1.99
BARON_WINDS___WT_PWR 323822	45.97 -0.89 -0.01	42.18 -1.21 -0.03	38.74 -1.24 0.01	37.03 -1.38 0.00	37.46 -1.24 0.00	38.96 -1.17 0.05	41.19 -0.89 0.12	9.50 -0.67 38.00	12.48 -0.65 37.10	39.57 -0.90 9.72	16.79 -0.83 38.02	16.08 -1.06 41.60	33.04 -0.98 27.31	-3.24 -1.69 72.08	-6.00 -1.68 80.83	14.46 -0.77 69.94	19.52 -0.77 75.16	88.13 -3.62 18.01	115.02 -3.25 6.75	111.29 0.33 -1.38	89.50 1.31 -1.14	74.70 -0.07 -0.62	56.48 -0.58 0.90	45.80 -1.23 4.03
BARRETT_IC_1 23704	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_10 23701	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_11 23702	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_12 23703	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_2 23705	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_3 23706	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_4 23707	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_5 23708	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07

BARRETT_IC_6 23709	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_7 23710	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.01 1.32 0.00	41.67 1.49 0.00	44.09 1.90 0.00	50.14 1.97 0.00	52.35 2.11 0.00	53.10 2.91 0.01	59.21 3.56 0.01	61.96 3.23 0.01	64.81 3.50 0.02	75.82 5.29 0.01	83.39 6.89 0.01	93.22 8.01 -0.05	106.50 9.26 -1.79	122.22 10.98 -1.49	136.03 11.00 0.00	116.70 7.12 0.01	93.32 6.27 0.00	77.56 3.41 0.01	60.29 2.26 -0.07	53.21 2.09 -0.07
BARRETT_IC_8 23711	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT_IC_9 23700	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT___1 23545	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BARRETT___2 23546	49.06 2.20 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.10 1.90 0.00	50.14 1.98 0.00	52.30 2.06 0.01	53.05 2.86 0.01	58.82 3.17 0.01	62.14 3.41 0.01	64.88 3.56 0.01	75.82 5.29 0.01	83.39 6.89 0.01	93.05 7.83 -0.05	106.38 9.26 -1.67	122.11 10.97 -1.38	135.77 10.75 0.01	116.80 7.23 0.02	93.32 6.27 0.00	77.56 3.41 0.01	60.24 2.20 -0.07	53.17 2.04 -0.07
BATAVIA___115KV_TB1 55881	44.84 -2.01 0.00	40.89 -2.47 0.00	37.81 -2.16 0.01	36.14 -2.27 0.00	36.53 -2.17 0.00	38.17 -2.01 0.01	40.11 -2.07 0.02	41.67 -1.54 4.96	44.19 -1.21 4.85	47.52 -1.41 1.27	49.12 -1.56 4.97	51.71 -1.59 5.44	55.91 -1.84 3.58	58.42 -2.68 9.44	63.01 -2.91 10.59	73.98 -1.96 9.22	82.77 -2.29 10.39	101.77 -4.06 3.92	117.56 -4.25 3.22	107.94 -1.64 0.00	86.44 -0.61 0.00	72.34 -1.78 0.04	54.45 -1.68 1.84	46.80 -2.50 1.75
BAYONEEC___CTG1 323682	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG10 323750	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG2 323683	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG3 323684	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG4 323685	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG5 323686	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG6 323687	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG7 323688	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00

BAYONEEC___CTG8 323689	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYONEEC___CTG9 323749	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.54 3.26 -0.04	57.86 3.31 -4.35	60.44 4.12 -0.68	63.39 4.64 -0.02	66.97 4.84 -0.80	77.35 5.85 -0.97	89.96 6.89 -6.57	98.05 8.86 -4.03	130.09 10.50 -24.14	163.88 12.18 -41.94	147.89 13.00 -9.86	119.11 9.53 0.00	93.66 6.61 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
BAYPORT_69_KV_BK 2 356364	50.00 3.14 0.00	45.70 2.34 0.00	41.90 1.92 0.00	40.10 1.69 0.00	40.48 1.78 0.00	42.11 1.93 0.00	44.73 2.53 0.00	50.82 2.65 0.00	52.70 2.46 0.00	53.50 3.31 0.01	59.76 4.12 0.01	61.94 3.58 0.38	64.42 4.05 0.96	72.86 6.14 3.81	83.13 7.96 1.33	93.16 9.54 1.55	102.02 11.93 5.37	124.43 14.60 -0.08	132.42 14.75 7.36	115.04 10.08 4.62	92.96 7.92 2.01	78.88 4.75 0.02	60.85 2.90 0.01	53.60 2.55 0.00
BEACON___LESR 323632	47.98 1.12 0.00	44.49 1.13 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.23 1.04 0.00	43.25 1.06 0.00	49.13 0.96 0.00	51.04 0.80 0.00	50.90 0.70 0.00	56.43 0.78 0.00	59.67 0.94 0.00	62.38 1.04 0.00	71.80 1.27 0.00	77.96 1.45 0.00	87.38 2.21 0.00	64.88 2.48 33.05	85.12 2.85 27.48	128.65 3.63 0.00	112.65 3.06 0.00	89.23 2.18 0.00	73.74 1.56 1.98	45.36 1.04 13.64	51.97 0.92 0.00
BEAVER RIVER___HYD 24048	47.84 0.99 0.00	44.14 0.78 0.00	40.58 0.60 0.00	39.06 0.65 0.00	39.32 0.62 0.00	40.95 0.76 0.00	43.08 0.89 0.00	49.81 1.64 0.00	52.00 1.76 0.00	51.30 1.10 0.00	56.49 0.84 0.00	58.86 0.12 0.00	61.27 -0.06 0.00	70.53 0.00 -0.23	76.28 -0.23 0.00	85.00 -0.17 0.00	94.79 -0.66 0.00	110.80 -1.43 -2.47	127.22 -0.75 -2.94	112.53 0.55 -2.39	89.90 0.87 -1.98	75.85 0.59 -1.11	59.23 1.04 -0.22	52.40 0.92 -0.42
BEEBEE_GT_13 23619	45.45 -1.41 0.00	41.63 -1.73 0.00	38.41 -1.56 0.01	36.80 -1.61 0.00	37.15 -1.55 0.00	38.62 -1.57 0.00	40.59 -1.60 0.00	45.10 -1.64 1.43	47.54 -1.31 1.40	48.53 -1.31 0.37	52.82 -1.39 1.44	55.75 -1.41 1.57	58.95 -1.35 1.03	65.69 -2.12 2.72	71.23 -2.22 3.06	81.14 -1.36 2.67	90.90 -1.53 3.02	105.03 -2.52 2.21	119.59 -2.75 2.68	109.36 -0.22 0.00	87.22 0.17 0.00	73.67 -0.44 0.04	55.48 -0.52 1.96	48.27 -1.28 1.50
BENSHRST_27_KV_BENSHRST_1 355998	49.86 3.00 -0.01	46.02 2.65 -0.01	42.35 2.36 -0.01	40.57 2.15 -0.01	40.95 2.24 -0.01	42.60 2.41 -0.01	45.07 2.87 0.00	51.64 3.47 -0.01	54.30 4.02 -0.04	58.58 3.66 -4.72	61.11 4.73 -0.73	64.16 5.40 -0.02	67.59 5.64 -0.61	78.28 6.70 -1.05	91.50 7.88 -7.11	99.08 9.88 -4.03	131.55 11.84 -24.26	165.63 13.83 -42.04	150.02 15.13 -9.87	120.77 11.18 -0.01	95.24 8.18 -0.01	79.94 5.78 -0.01	61.80 3.83 -0.01	54.48 3.42 -0.01
BETHLEHEM___GRP 23843	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.46 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.65 0.00 0.00	58.86 0.12 0.00	61.52 0.18 0.00	70.81 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.55 1.15 18.04	95.96 1.21 15.01	126.52 1.50 0.00	110.57 0.99 0.00	87.74 0.70 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.26 0.20 0.00
BETHLEHEM___GS1 323560	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.47 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.71 0.06 0.00	58.91 0.18 0.00	61.58 0.25 0.00	70.82 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.51 1.15 18.09	95.92 1.21 15.05	126.65 1.62 0.00	110.68 1.10 0.00	87.74 0.69 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.15 0.10 0.00
BETHLEHEM___GS2 323561	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.47 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.71 0.06 0.00	58.91 0.18 0.00	61.58 0.25 0.00	70.82 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.51 1.15 18.09	95.92 1.21 15.05	126.65 1.62 0.00	110.68 1.10 0.00	87.74 0.69 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.15 0.10 0.00
BETHLEHEM___GS3 323562	47.23 0.37 0.00	43.84 0.48 0.00	40.50 0.52 0.00	38.91 0.50 0.00	39.20 0.50 0.00	40.67 0.48 0.00	42.66 0.47 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.25 0.05 0.00	55.71 0.06 0.00	58.91 0.18 0.00	61.58 0.25 0.00	70.82 0.28 0.00	76.97 0.46 0.00	86.10 0.94 0.00	78.51 1.15 18.09	95.92 1.21 15.05	126.65 1.62 0.00	110.68 1.10 0.00	87.74 0.69 0.00	73.52 0.37 1.01	51.12 0.12 6.96	51.15 0.10 0.00
BETHLEHEM___STEEL 23779	44.04 -2.81 0.00	40.15 -3.21 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.87 -2.83 0.00	37.32 -2.85 0.01	39.64 -2.53 0.03	37.59 -2.12 8.46	40.16 -1.81 8.27	46.18 -1.86 2.16	45.26 -1.95 8.45	47.38 -2.11 9.25	53.01 -2.21 6.11	51.41 -3.03 16.09	55.24 -3.21 18.06	66.96 -2.47 15.73	78.83 -2.67 13.95	100.03 -4.83 4.89	115.81 -5.50 3.71	106.08 -3.51 0.00	85.22 -1.83 0.00	70.49 -3.63 0.03	53.21 -3.07 1.68	45.49 -3.57 1.99
BETHLHEM_115KV_TB1 79974	47.32 0.47 0.00	43.93 0.56 0.00	40.58 0.60 0.00	38.99 0.58 0.00	39.28 0.58 0.00	40.75 0.56 0.00	42.74 0.55 0.00	48.50 0.34 0.00	50.49 0.25 0.00	50.40 0.20 0.00	55.76 0.11 0.00	59.03 0.29 0.00	61.70 0.37 0.00	71.03 0.49 0.00	77.20 0.69 0.00	86.36 1.19 0.00	80.00 1.43 16.89	97.25 1.54 14.04	126.77 1.75 0.00	110.90 1.32 0.00	88.01 0.96 0.00	73.73 0.52 0.94	51.67 0.23 6.52	51.36 0.31 0.00
BETHPAGE_CC_5 323564	49.43 2.58 0.00	45.31 1.95 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.83 1.65 0.00	44.35 2.15 0.00	50.53 2.36 0.00	52.44 2.21 0.01	53.20 3.01 0.01	59.03 3.40 0.01	62.31 3.58 0.01	65.13 3.80 0.01	76.10 5.57 0.01	83.69 7.19 0.01	93.42 8.26 0.00	107.43 10.31 -1.67	123.54 12.40 -1.39	137.28 12.26 0.00	118.02 8.44 0.01	93.75 6.70 0.00	77.71 3.56 0.01	60.16 2.20 0.00	53.10 2.04 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.14 -2.72 0.00	40.24 -3.12 0.00	37.22 -2.76 0.01	35.57 -2.84 0.00	35.95 -2.75 0.00	37.40 -2.77 0.01	39.85 -2.32 0.03	38.11 -1.78 8.27	40.70 -1.46 8.09	46.58 -1.51 2.11	45.83 -1.56 8.26	48.05 -1.64 9.04	53.64 -1.72 5.98	52.26 -2.54 15.74	56.25 -2.60 17.66	67.99 -1.79 15.39	80.12 -1.91 13.42	101.04 -3.95 4.76	116.74 -4.63 3.66	106.52 -3.07 0.00	85.48 -1.57 0.00	70.56 -3.56 0.03	53.23 -3.07 1.66	45.47 -3.62 1.96

BINGHAMTON___COGEN 23790	46.78 -0.09 -0.02	43.21 -0.22 -0.07	39.78 -0.20 0.00	38.18 -0.23 0.00	38.51 -0.19 0.00	39.99 -0.20 0.00	42.24 0.04 0.00	49.74 0.34 -1.23	52.06 0.50 -1.32	50.95 0.45 -0.30	57.67 0.61 -1.41	60.97 0.65 -1.58	63.27 0.74 -1.20	74.38 0.85 -3.00	81.19 1.15 -3.53	90.58 1.96 -3.45	101.54 2.10 -3.98	114.17 2.09 -2.33	129.50 2.38 -2.10	113.86 -2.30 -1.97	90.77 2.09 -1.64	75.80 0.74 -0.91	57.94 0.23 0.25	51.05 -0.15 -0.15
BIXINCNT_115KV_LOAD 355685	44.19 -2.67 0.00	40.20 -3.17 0.00	36.94 -3.04 0.01	35.34 -3.07 0.00	35.76 -2.94 0.00	37.24 -2.93 0.01	40.02 -2.15 0.02	39.35 -1.30 7.52	41.93 -0.95 7.35	47.27 -1.00 1.92	47.25 -0.89 7.51	49.34 -1.17 8.22	54.55 -1.35 5.44	54.11 -2.12 14.31	58.00 -2.45 16.06	69.06 -2.13 13.98	81.61 -1.81 12.03	102.10 -3.29 4.36	117.96 -3.63 3.43	106.95 -2.63 0.00	86.18 -0.87 0.00	70.64 -3.49 0.03	53.12 -3.25 1.60	45.43 -3.78 1.84
BLACK RIVER___HYD 24047	49.15 2.30 0.00	45.27 1.91 0.00	41.58 1.60 0.00	40.02 1.61 0.00	40.25 1.55 0.00	41.95 1.77 0.00	44.14 1.94 0.00	51.11 2.94 0.00	53.26 3.01 0.00	52.46 2.26 0.00	57.76 2.11 0.00	60.03 1.29 0.00	62.50 1.16 0.00	72.02 1.48 0.00	78.12 1.61 0.00	87.38 2.21 0.00	97.65 2.20 0.00	115.06 1.10 -4.21	132.66 2.63 -5.01	117.38 3.73 -4.06	93.90 3.49 -3.37	78.56 2.52 -1.89	61.01 2.67 -0.38	53.92 2.14 -0.72
BLACKRVR_115KV_TB2 79977	49.15 2.30 0.00	45.23 1.86 0.00	41.54 1.56 0.00	40.02 1.61 0.00	40.25 1.55 0.00	41.95 1.77 0.00	44.14 1.94 0.00	51.10 2.94 0.00	53.26 3.01 0.00	52.46 2.26 0.00	57.71 2.06 0.00	60.09 1.35 0.00	62.50 1.17 0.00	72.01 1.48 0.00	78.12 1.61 0.00	87.38 2.21 0.00	97.65 2.20 0.00	110.96 1.21 0.00	127.77 2.75 0.00	113.31 3.73 0.00	90.53 3.48 0.00	76.67 2.52 0.00	60.63 2.67 0.00	53.20 2.14 0.00
BLISS_WT_PWR 323608	44.09 -2.76 0.00	40.24 -3.12 0.00	36.77 -3.20 0.01	35.18 -3.23 0.00	35.60 -3.10 0.00	37.12 -3.06 0.01	39.81 -2.36 0.02	39.20 -1.44 7.52	41.78 -1.11 7.35	47.07 -1.21 1.92	47.14 -1.00 7.51	49.17 -1.35 8.22	54.25 -1.65 5.44	53.75 -2.47 14.31	57.47 -2.99 16.06	68.46 -2.73 13.98	81.13 -2.29 12.03	95.73 -9.66 4.36	111.71 -9.88 3.43	106.52 -3.07 0.00	86.01 -1.04 0.00	71.01 -3.11 0.03	53.12 -3.24 1.60	45.43 -3.78 1.84
BLUESTONE___WT_PWR 323821	48.75 1.88 -0.02	45.02 1.61 -0.06	41.42 1.44 0.00	39.79 1.38 0.00	40.05 1.35 0.00	41.67 1.49 0.00	43.97 1.77 0.00	52.11 2.55 -1.40	54.37 2.66 -1.46	52.85 2.31 -0.34	59.76 2.56 -1.55	62.94 2.47 -1.73	65.12 2.52 -1.27	76.93 3.18 -3.22	84.31 4.05 -3.75	93.94 5.20 -3.58	105.15 5.63 -4.06	117.34 5.16 -2.42	133.96 6.75 -2.19	118.31 6.80 -1.93	94.30 5.65 -1.60	78.82 3.78 -0.89	60.74 2.95 0.17	53.46 2.19 -0.22
BLUE_CIRC_CHEM_DRP 24182	47.98 1.12 0.00	44.49 1.13 0.00	41.14 1.16 0.00	39.48 1.08 0.00	39.74 1.04 0.00	41.23 1.04 0.00	43.17 0.97 0.00	48.94 0.77 0.00	49.94 -0.30 0.00	49.75 -0.45 0.00	55.09 -0.56 0.00	58.27 -0.47 0.00	60.84 -0.49 0.00	70.04 -0.49 0.00	76.13 -0.38 0.00	85.25 0.09 0.00	79.25 0.29 16.49	96.37 0.33 13.72	125.65 0.63 0.00	109.91 0.33 0.00	87.40 0.35 0.00	73.26 0.07 0.97	51.22 -0.06 6.68	51.97 0.92 0.00
BOC_GAS_DRP 24189	47.47 0.61 0.00	44.06 0.69 0.00	40.70 0.72 0.00	39.06 0.65 0.00	39.36 0.66 0.00	40.83 0.64 0.00	42.83 0.63 0.00	48.70 0.53 0.00	50.74 0.50 0.00	50.65 0.45 0.00	56.21 0.56 0.00	59.44 0.70 0.00	62.07 0.74 0.00	71.45 0.92 0.00	77.66 1.15 0.00	86.95 1.79 0.00	86.50 2.00 10.95	102.84 2.20 9.11	127.40 2.38 0.00	111.23 1.64 0.00	88.35 1.31 0.00	74.35 0.82 0.62	54.14 0.46 4.29	51.56 0.51 0.00
BOONVILLE_115KV_TB1 79983	47.75 0.89 0.00	44.10 0.74 0.00	40.62 0.64 0.00	39.02 0.61 0.00	39.32 0.62 0.00	40.87 0.68 0.00	43.00 0.80 0.00	49.52 1.35 0.00	51.70 1.46 0.00	51.25 1.05 0.00	56.71 1.06 0.00	59.44 0.70 0.00	61.95 0.61 0.00	71.38 0.85 0.00	77.50 0.99 0.00	86.44 1.28 0.00	96.60 1.15 0.00	110.63 0.88 0.00	126.65 1.63 0.00	111.56 1.97 0.00	88.79 1.74 0.00	75.34 1.19 0.00	59.18 1.22 0.00	52.02 0.97 0.00
BORALEX_4TH_BRANCH 23824	48.59 1.73 0.00	44.97 1.60 0.00	41.62 1.64 0.00	39.95 1.54 0.00	40.25 1.55 0.00	41.79 1.61 0.00	43.93 1.73 0.00	50.05 1.88 0.00	52.05 1.81 0.00	52.01 1.81 0.00	57.71 2.06 0.00	60.97 2.23 0.00	63.79 2.45 0.00	73.14 2.61 0.00	79.42 2.91 0.00	89.00 3.83 0.00	111.39 4.39 -11.55	123.97 4.61 -9.61	130.28 5.25 0.00	114.30 4.71 0.00	90.79 3.74 0.00	78.36 3.19 -1.02	67.40 2.38 -7.06	53.14 2.09 0.00
BOWLINE___1 23526	48.36 1.50 0.00	44.79 1.43 0.00	41.30 1.32 0.00	39.64 1.23 0.00	39.97 1.28 0.00	41.51 1.32 0.00	43.84 1.64 0.00	50.04 1.88 0.00	52.45 2.21 0.00	52.30 2.16 0.05	58.59 2.95 0.01	62.20 3.46 0.00	64.89 3.56 0.00	74.75 4.23 0.01	81.64 5.21 0.08	92.06 6.90 0.00	105.30 8.30 -1.55	120.70 9.66 -1.29	135.28 10.25 0.00	117.04 7.46 0.00	92.18 5.13 0.00	77.41 3.26 0.00	59.93 1.97 0.00	52.84 1.79 0.00
BOWLINE___2 23595	48.40 1.54 0.00	44.79 1.43 0.00	41.30 1.32 0.00	39.64 1.23 0.00	39.97 1.28 0.00	41.51 1.32 0.00	43.84 1.64 0.00	50.04 1.88 0.00	52.51 2.26 0.00	52.35 2.21 0.05	58.65 3.00 0.01	62.26 3.52 0.00	64.89 3.56 0.00	74.75 4.23 0.01	81.64 5.21 0.08	92.06 6.90 0.00	105.40 8.40 -1.55	120.70 9.66 -1.29	135.28 10.25 0.00	117.04 7.46 0.00	92.27 5.22 0.00	77.41 3.26 0.00	59.99 2.03 0.00	52.89 1.84 0.00
BRADY___115KV_TB2 356060	47.61 0.75 0.00	43.97 0.61 0.00	40.34 0.36 0.00	38.83 0.42 0.00	39.09 0.39 0.00	40.63 0.44 0.00	42.62 0.42 0.00	48.60 0.43 0.00	50.34 0.10 0.00	50.10 -0.10 0.00	54.87 -0.78 0.00	57.68 -1.06 0.00	60.11 -1.23 0.00	69.05 -1.48 0.00	74.67 -1.84 0.00	82.44 -2.73 0.00	92.49 -2.96 0.00	106.57 -3.18 0.00	121.77 -3.25 0.00	107.61 -1.97 0.00	85.66 -1.39 0.00	73.56 -0.59 0.00	57.90 -0.06 0.00	51.41 0.36 0.00
BRANSCOMB___SOLAR 323811	48.87 2.01 0.00	45.31 1.95 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.91 1.73 0.00	43.89 1.69 0.00	49.90 1.73 0.00	51.80 1.56 0.00	51.60 1.40 0.00	57.21 1.56 0.00	60.62 1.88 0.00	63.30 1.96 0.00	72.79 2.26 0.00	79.19 2.68 0.00	88.66 3.49 0.00	108.57 3.82 -9.29	122.09 4.61 -7.73	131.02 6.00 0.00	115.39 5.80 0.00	91.57 4.52 0.00	78.48 3.56 -0.77	65.78 2.49 -5.32	53.10 2.04 0.00
BRDGHMPT_69_KV_BK1 55812	49.39 2.53 0.00	45.10 1.73 0.00	41.30 1.32 0.00	39.52 1.11 0.00	39.94 1.24 0.00	41.59 1.41 0.00	44.35 2.15 0.00	50.53 2.36 0.00	52.40 2.16 0.00	53.35 3.16 0.01	59.70 4.06 0.01	61.98 3.70 0.46	64.11 3.93 1.15	71.87 5.92 4.59	82.78 7.88 1.61	93.10 9.79 1.86	101.03 12.41 6.83	124.81 15.26 0.21	131.29 15.13 8.87	114.32 10.30 5.57	92.63 8.01 2.42	79.18 5.04 0.02	60.73 2.78 0.02	53.40 2.35 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	49.71 2.86 0.00	45.49 2.12 0.00	41.74 1.76 0.00	39.95 1.54 0.00	40.36 1.66 0.00	42.03 1.85 0.00	44.56 2.36 0.00	50.62 2.46 0.00	52.55 2.31 0.00	53.30 3.11 0.01	59.42 3.78 0.01	61.61 3.29 0.42	63.96 3.68 1.05	71.77 5.43 4.19	82.16 7.12 1.47	91.72 8.26 1.70	99.67 10.31 6.09	122.32 12.62 0.06	129.55 12.63 8.10	112.71 8.22 5.09	91.45 6.62 2.21	77.84 3.71 0.02	60.32 2.38 0.01	53.19 2.14 0.00
BRISTLHL_115KV_TB1 79998	47.15 0.28 -0.01	43.48 0.09 -0.03	39.98 0.00 0.01	38.41 0.00 0.00	38.74 0.04 0.00	40.26 0.08 0.00	42.41 0.21 0.00	48.54 0.34 -0.03	50.88 0.55 -0.08	50.65 0.45 0.00	56.31 0.56 -0.11	59.28 0.41 -0.13	61.92 0.43 -0.16	71.02 0.14 -0.34	77.19 0.23 -0.46	86.57 0.85 -0.56	96.92 0.86 -0.61	109.89 -1.76 -1.89	125.97 -1.75 -2.69	109.35 -1.10 -0.86	87.07 -0.70 -0.72	73.54 -1.04 -0.43	58.56 -0.81 -1.40	51.11 -1.02 -1.08
BROOKHAVEN___DRP 24191	49.39 2.53 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.05 1.35 0.00	41.67 1.49 0.00	44.31 2.11 0.00	50.19 2.02 0.00	51.95 1.71 0.00	52.70 2.51 0.01	58.64 3.01 0.01	60.63 2.35 0.46	62.81 2.64 1.16	70.41 4.51 4.64	81.01 6.12 1.62	90.77 7.49 1.89	98.16 9.64 6.93	121.60 12.07 0.23	127.93 11.88 8.97	111.51 7.56 5.63	90.69 6.09 2.45	77.62 3.49 0.02	59.74 1.80 0.02	52.73 1.68 0.00
BROOKLYN_NAVY_YARD 23515	49.11 2.25 0.00	45.36 2.00 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.47 2.28 0.00	51.06 2.89 0.00	53.70 3.42 -0.04	57.97 3.42 -4.35	60.50 4.18 -0.68	63.45 4.70 -0.02	67.10 4.97 -0.80	77.49 5.99 -0.97	90.19 7.12 -6.57	98.22 9.02 -4.03	130.37 10.78 -24.14	164.10 12.40 -41.94	148.27 13.38 -9.86	119.33 9.75 0.00	93.92 6.88 0.00	78.75 4.60 0.00	60.92 2.95 0.00	53.76 2.70 0.00
BROOKLYN___ARMY_DRP 323595	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 3.17 -0.01
BROOME_2_LFGE 323671	46.78 -0.09 -0.02	43.21 -0.22 -0.07	39.78 -0.20 0.00	38.18 -0.23 0.00	38.51 -0.19 0.00	39.99 -0.20 0.00	42.24 0.04 0.00	49.74 0.34 -1.23	52.01 0.45 -1.32	50.95 0.45 -0.30	57.67 0.61 -1.41	60.97 0.65 -1.58	63.27 0.74 -1.20	74.39 0.85 -3.00	81.19 1.15 -3.53	90.58 1.96 -3.45	101.63 2.20 -3.98	113.30 0.99 -2.56	128.66 1.25 -2.38	114.09 2.30 -2.20	90.96 2.09 -1.82	75.98 0.82 -1.01	58.02 0.29 0.23	51.09 -0.15 -0.19
BROOME___LFGE 323600	46.78 -0.09 -0.02	43.21 -0.22 -0.07	39.78 -0.20 0.00	38.18 -0.23 0.00	38.51 -0.19 0.00	39.99 -0.20 0.00	42.24 0.04 0.00	49.74 0.34 -1.23	52.01 0.45 -1.32	50.95 0.45 -0.30	57.67 0.61 -1.41	60.97 0.65 -1.58	63.27 0.74 -1.20	74.39 0.85 -3.00	81.19 1.15 -3.53	90.58 1.96 -3.45	101.63 2.20 -3.98	113.30 0.99 -2.56	128.66 1.25 -2.38	114.09 2.30 -2.20	90.96 2.09 -1.82	75.98 0.82 -1.01	58.02 0.29 0.23	51.09 -0.15 -0.19
BROWNFLS_115KV_TB_3_5 80003	47.28 0.42 0.00	43.67 0.30 0.00	40.10 0.12 0.00	38.60 0.19 0.00	38.85 0.15 0.00	40.43 0.24 0.00	42.53 0.34 0.00	48.89 0.72 0.00	50.95 0.70 0.00	50.35 0.15 0.00	55.26 -0.39 0.00	57.74 -1.00 0.00	60.11 -1.23 0.00	69.12 -1.41 0.00	74.75 -1.76 0.00	82.87 -2.30 0.00	92.68 -2.77 0.00	106.24 -3.51 0.00	121.65 -3.38 0.00	107.61 -1.97 0.00	85.83 -1.22 0.00	73.26 -0.89 0.00	57.85 -0.12 0.00	51.15 0.10 0.00
BROWNSV1_27_KV_LOAD 356125	49.57 2.72 0.00	45.75 2.38 0.00	42.10 2.12 0.00	40.33 1.92 0.00	40.71 2.01 0.00	42.35 2.17 0.00	44.85 2.66 0.00	51.44 3.28 0.00	54.15 3.87 -0.04	58.41 3.87 -4.35	61.11 4.79 -0.68	63.98 5.23 -0.02	67.47 5.58 -0.56	78.27 6.77 -0.97	91.03 7.96 -6.56	99.24 10.05 -4.03	131.64 11.93 -24.25	165.84 14.05 -42.04	150.02 15.13 -9.86	120.54 10.96 0.00	94.97 7.92 0.00	79.71 5.56 0.00	61.50 3.54 0.00	54.27 3.22 0.00
BURROWS___LYONSDAL 23803	47.65 0.80 0.00	43.97 0.61 0.00	40.50 0.52 0.00	38.95 0.54 0.00	39.20 0.50 0.00	40.79 0.60 0.00	42.96 0.76 0.00	49.52 1.35 0.00	51.75 1.51 0.00	51.25 1.05 0.00	56.65 1.00 0.00	59.27 0.53 0.00	61.70 0.37 0.00	71.10 0.56 0.00	77.12 0.61 0.00	85.93 0.77 0.00	95.93 0.48 0.00	109.86 0.11 0.00	125.77 0.75 0.00	111.01 1.42 0.00	88.44 1.39 0.00	75.04 0.89 0.00	59.01 1.04 0.00	51.92 0.87 0.00
CAITHNESS_CC_1 323624	49.29 2.43 0.00	45.05 1.69 0.00	41.34 1.36 0.00	39.60 1.19 0.00	39.97 1.28 0.00	41.55 1.37 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.84 1.61 0.01	52.60 2.41 0.01	58.08 2.45 0.01	60.92 2.65 0.47	62.81 2.64 1.16	70.28 4.45 4.69	80.91 6.04 1.64	90.41 7.15 1.91	97.75 9.45 7.15	121.16 11.75 0.34	127.21 11.26 9.07	111.34 7.46 5.70	90.49 5.92 2.48	76.95 2.82 0.02	59.63 1.68 0.02	52.63 1.58 0.01
CALPINE BETH_PAGE_GT4 24209	49.34 2.48 0.00	45.27 1.91 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.83 1.65 0.00	44.31 2.11 0.00	50.48 2.31 0.00	52.50 2.26 0.00	53.25 3.06 0.01	59.48 3.84 0.01	62.13 3.41 0.01	65.05 3.74 0.02	76.10 5.57 0.01	83.69 7.19 0.01	93.60 8.43 0.00	107.45 10.21 -1.79	123.54 12.29 -1.49	137.40 12.38 0.00	117.80 8.22 0.01	93.75 6.70 0.00	77.78 3.63 0.01	60.34 2.38 0.00	53.20 2.14 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.34 2.48 0.00	45.23 1.86 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.79 1.61 0.00	44.30 2.11 0.00	50.48 2.31 0.00	52.44 2.21 0.01	53.20 3.01 0.01	59.15 3.51 0.01	62.31 3.58 0.01	65.13 3.80 0.01	76.10 5.57 0.01	83.69 7.19 0.01	93.43 8.26 0.00	107.34 10.22 -1.67	123.43 12.29 -1.39	137.15 12.12 0.00	118.02 8.44 0.01	93.75 6.70 0.00	77.71 3.56 0.01	60.29 2.32 0.00	53.15 2.09 0.00
CALPINE_BP_GT1 23823	49.34 2.48 0.00	45.23 1.86 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.79 1.61 0.00	44.30 2.11 0.00	50.48 2.31 0.00	52.44 2.21 0.01	53.20 3.01 0.01	59.15 3.51 0.01	62.31 3.58 0.01	65.13 3.80 0.01	76.10 5.57 0.01	83.69 7.19 0.01	93.43 8.26 0.00	107.34 10.22 -1.67	123.43 12.29 -1.39	137.15 12.12 0.00	118.02 8.44 0.01	93.75 6.70 0.00	77.71 3.56 0.01	60.29 2.32 0.00	53.15 2.09 0.00
CALSPAN___DRP 24200	44.04 -2.81 0.00	40.15 -3.21 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.87 -2.83 0.00	37.32 -2.85 0.01	39.64 -2.53 0.03	37.59 -2.12 8.46	40.16 -1.81 8.27	46.18 -1.86 2.16	45.26 -1.95 8.45	47.38 -2.11 9.25	53.01 -2.21 6.11	51.41 -3.03 16.09	55.24 -3.21 18.06	66.96 -2.47 15.73	78.83 -2.67 13.95	100.03 -4.83 4.89	115.81 -5.50 3.71	106.08 -3.51 0.00	85.22 -1.83 0.00	70.49 -3.63 0.03	53.21 -3.07 1.68	45.49 -3.57 1.99

CALVERTON___SOLAR 323806	49.48 2.62 0.00	45.18 1.82 0.00	41.46 1.48 0.00	39.68 1.27 0.00	40.09 1.39 0.00	41.67 1.49 0.00	44.39 2.19 0.00	50.34 2.17 0.00	51.99 1.76 0.01	52.75 2.56 0.01	58.20 2.56 0.01	61.16 2.88 0.46	63.02 2.82 1.14	70.57 4.65 4.62	81.24 6.35 1.61	90.96 7.67 1.88	98.46 10.02 7.01	121.95 12.51 0.32	128.22 12.12 8.93	112.08 8.11 5.61	91.05 6.44 2.44	77.39 3.26 0.02	59.92 1.97 0.02	52.78 1.74 0.01
CANDIGU_WT_PWR 323617	45.97 -0.89 -0.01	42.18 -1.21 -0.03	38.74 -1.24 0.01	37.03 -1.38 0.00	37.46 -1.24 0.00	38.96 -1.17 0.05	41.19 -0.89 0.12	9.50 -0.67 38.00	12.48 -0.65 37.10	39.57 -0.90 9.72	16.79 -0.83 38.02	16.08 -1.06 41.60	33.04 -0.98 27.31	-3.24 -1.69 72.08	-6.00 -1.68 80.83	14.46 -0.77 69.94	19.52 -0.77 75.16	88.13 -3.62 18.01	115.02 -3.25 6.75	111.29 0.33 -1.38	89.50 1.31 -1.14	74.70 -0.07 -0.62	56.48 -0.58 0.90	45.80 -1.23 4.03
CARR STREET_E_SYR 24060	46.17 -0.70 -0.01	42.67 -0.74 -0.04	39.26 -0.72 0.01	37.72 -0.69 0.00	38.00 -0.70 0.00	39.50 -0.68 0.00	41.56 -0.63 0.00	47.59 -0.63 -0.05	49.86 -0.50 -0.12	49.65 -0.55 0.00	55.36 -0.45 -0.16	58.23 -0.70 -0.20	60.89 -0.67 -0.23	70.20 -0.84 -0.51	76.41 -0.77 -0.67	85.56 -0.42 -0.82	95.88 -0.47 -0.90	111.37 -0.88 -2.49	126.86 -0.87 -2.71	112.22 -0.33 -2.96	89.33 -0.17 -2.45	74.91 -0.60 -1.36	57.01 -0.47 0.48	50.33 -0.71 0.01
CARTHAGE___PAPER 23857	48.45 1.59 0.00	44.66 1.30 0.00	41.06 1.08 0.00	39.52 1.11 0.00	39.74 1.05 0.00	41.43 1.25 0.00	43.59 1.39 0.00	50.43 2.26 0.00	52.55 2.31 0.00	51.80 1.61 0.00	56.98 1.33 0.00	59.33 0.59 0.00	61.70 0.37 0.00	71.09 0.56 0.00	77.05 0.54 0.00	85.93 0.76 0.00	95.93 0.48 0.00	112.96 -0.33 -3.54	129.99 0.75 -4.21	114.98 1.97 -3.42	91.97 2.09 -2.83	77.22 1.48 -1.58	60.08 1.80 -0.32	53.19 1.53 -0.61
CASSADAGA_WT_PWR 323784	44.14 -2.72 0.00	40.46 -2.90 0.00	37.10 -2.88 0.01	35.26 -3.15 0.00	35.64 -3.06 0.00	37.08 -3.09 0.01	39.68 -2.49 0.02	38.68 -1.54 7.95	41.32 -1.15 7.77	47.06 -1.10 2.03	46.44 -1.28 7.93	48.29 -1.76 8.69	53.75 -1.84 5.74	52.74 -2.68 15.12	56.79 -2.75 16.96	68.18 -2.21 14.77	80.30 -2.01 13.14	97.11 -8.01 4.63	114.11 -7.38 3.54	108.05 -1.53 0.00	86.96 -0.09 0.00	71.82 -2.30 0.03	53.80 -2.55 1.62	45.84 -3.32 1.89
CE_DUNWOOD___DRP 24194	48.82 1.97 0.00	45.14 1.78 0.00	41.58 1.60 0.00	39.87 1.46 0.00	40.21 1.51 0.00	41.83 1.65 0.00	44.18 1.98 0.00	50.53 2.36 0.00	53.01 2.76 0.00	52.96 2.76 0.00	59.21 3.56 0.00	62.67 3.94 0.00	65.58 4.23 -0.01	75.68 5.15 0.00	82.71 6.20 0.00	93.17 8.01 0.00	106.88 9.64 -1.79	122.66 11.41 -1.49	137.15 12.13 0.00	118.13 8.55 0.00	93.23 6.18 0.00	78.31 4.15 0.00	60.45 2.49 0.00	53.30 2.25 0.00
CE_MILLWOOD___DRP 24193	48.73 1.87 0.00	45.05 1.69 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.09 1.90 0.00	50.38 2.22 0.00	52.90 2.66 0.00	52.74 2.61 0.07	59.04 3.39 0.01	62.50 3.76 0.00	65.32 3.99 0.00	75.46 4.94 0.01	82.30 5.89 0.10	92.87 7.75 0.04	106.25 9.26 -1.54	121.77 10.98 -1.04	136.54 11.63 0.11	117.80 8.22 0.00	92.97 5.92 0.00	78.01 3.86 0.00	60.34 2.38 0.00	53.20 2.14 0.00
CE_NYC2_DRP 24202	49.35 2.48 -0.01	45.58 2.21 -0.01	41.91 1.92 -0.01	40.18 1.77 -0.01	40.56 1.86 -0.01	42.20 2.01 -0.01	44.60 2.41 0.00	51.10 2.94 0.00	53.70 3.42 -0.04	58.18 3.26 -4.72	60.56 4.17 -0.73	63.40 4.64 -0.02	66.79 4.85 -0.61	77.44 5.85 -1.05	90.59 6.96 -7.11	97.97 8.77 -4.03	130.22 10.50 -24.26	164.09 12.29 -42.04	148.27 13.38 -9.86	119.23 9.64 0.00	93.92 6.88 0.00	78.82 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
CE_NYC_DRP 24195	49.20 2.34 0.00	45.44 2.08 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.07 1.89 0.00	44.52 2.32 0.00	51.06 2.89 0.00	53.69 3.42 -0.04	57.88 3.41 -4.27	60.60 4.29 -0.66	63.39 4.64 -0.02	66.85 4.97 -0.55	77.55 6.07 -0.95	90.14 7.19 -6.44	98.31 9.11 -4.03	130.58 10.88 -24.25	164.64 12.84 -42.04	148.64 13.75 -9.86	119.23 9.64 0.00	93.92 6.88 0.00	78.90 4.75 0.00	60.92 2.96 0.00	53.81 2.76 0.00
CHAFFEE___LFGE 323603	44.28 -2.58 0.00	40.50 -2.86 0.00	37.33 -2.64 0.01	35.68 -2.73 0.00	36.07 -2.63 0.00	37.56 -2.61 0.01	39.97 -2.20 0.03	38.44 -1.73 7.99	41.02 -1.41 7.82	46.70 -1.46 2.04	46.22 -1.45 7.98	48.41 -1.58 8.74	53.90 -1.65 5.78	52.92 -2.40 15.21	56.99 -2.45 17.07	68.68 -1.62 14.87	80.88 -1.53 13.04	97.76 -7.35 4.64	113.58 -7.87 3.58	106.73 -2.85 0.00	85.83 -1.22 0.00	71.15 -2.97 0.03	53.54 -2.78 1.64	45.82 -3.32 1.92
CHATEAUG_35_KV_LOAD 355732	47.00 0.14 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.41 0.00 0.00	38.70 0.00 0.00	40.18 0.00 0.00	42.15 -0.04 0.00	48.07 -0.10 0.00	50.04 -0.20 0.00	50.00 -0.20 0.00	54.87 -0.78 0.00	57.80 -0.94 0.00	60.11 -1.23 0.00	68.91 -1.62 0.00	74.44 -2.07 0.00	82.27 -2.90 0.00	92.30 -3.15 0.00	106.46 -3.29 0.00	121.40 -3.63 0.00	106.95 -2.63 0.00	85.05 -2.00 0.00	72.89 -1.26 0.00	57.32 -0.64 0.00	51.00 -0.05 0.00
CHATEAUG_WT_PWR 323614	46.95 0.09 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.37 -0.04 0.00	38.66 -0.04 0.00	40.18 0.00 0.00	42.11 -0.08 0.00	48.07 -0.10 0.00	50.09 -0.15 0.00	50.05 -0.15 0.00	54.93 -0.73 0.00	57.68 -1.06 0.00	60.04 -1.29 0.00	68.98 -1.55 0.00	74.52 -1.99 0.00	82.36 -2.81 0.00	92.30 -3.15 0.00	106.47 -3.29 0.00	121.28 -3.75 0.00	106.63 -2.95 0.00	84.78 -2.26 0.00	72.67 -1.48 0.00	57.21 -0.76 0.00	51.00 -0.05 0.00
CHAT_HIGH_FALL_HYD 323578	47.00 0.14 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.41 0.00 0.00	38.70 0.00 0.00	40.18 0.00 0.00	42.15 -0.04 0.00	48.07 -0.10 0.00	50.04 -0.20 0.00	50.00 -0.20 0.00	54.87 -0.78 0.00	57.80 -0.94 0.00	60.11 -1.23 0.00	68.91 -1.62 0.00	74.44 -2.07 0.00	82.27 -2.90 0.00	92.30 -3.15 0.00	106.46 -3.29 0.00	121.40 -3.63 0.00	106.95 -2.63 0.00	85.05 -2.00 0.00	72.89 -1.26 0.00	57.32 -0.64 0.00	51.00 -0.05 0.00
CHAUTAUQUA___LFGE 323629	44.23 -2.62 0.00	40.50 -2.86 0.00	37.25 -2.72 0.01	35.57 -2.84 0.00	35.95 -2.75 0.00	37.44 -2.73 0.01	39.85 -2.32 0.03	38.10 -1.78 8.28	40.74 -1.41 8.10	46.68 -1.41 2.12	45.88 -1.50 8.27	47.92 -1.76 9.05	53.51 -1.84 5.99	52.16 -2.61 15.76	56.14 -2.68 17.69	67.81 -1.96 15.40	79.77 -1.82 13.87	98.02 -6.91 4.83	114.52 -6.88 3.63	107.83 -1.76 0.00	86.62 -0.43 0.00	71.67 -2.45 0.03	53.83 -2.49 1.64	45.89 -3.21 1.94
CHERRYST_13_KV_LD 356241	49.34 2.48 0.00	45.57 2.21 0.00	41.90 1.92 0.00	40.18 1.77 0.00	40.56 1.86 0.00	42.19 2.01 0.00	44.69 2.49 0.00	51.25 3.08 0.00	53.95 3.67 -0.04	58.13 3.66 -4.27	60.88 4.56 -0.66	63.75 4.99 -0.02	67.22 5.34 -0.55	77.97 6.49 -0.95	90.60 7.65 -6.44	98.82 9.62 -4.03	131.16 11.45 -24.25	165.19 13.39 -42.04	149.27 14.38 -9.86	119.78 10.19 0.00	94.36 7.31 0.00	79.20 5.04 0.00	61.15 3.19 0.00	53.96 2.91 0.00

CHESTROR_138KV_BK263 355645	48.31 1.45 0.00	44.71 1.34 0.00	41.22 1.24 0.00	39.52 1.11 0.00	39.86 1.16 0.00	41.43 1.25 0.00	43.67 1.48 0.00	49.85 1.69 0.00	52.65 2.41 0.00	52.17 2.01 0.04	58.32 2.67 0.00	61.67 2.94 0.00	64.46 3.13 0.00	74.40 3.88 0.01	81.12 4.67 0.06	91.47 6.30 0.00	104.65 7.64 -1.56	119.94 8.89 -1.30	134.53 9.50 0.00	116.38 6.79 0.00	91.92 4.87 0.00	77.27 3.11 0.00	59.88 1.91 0.00	52.74 1.68 0.00
CH_MIDHUDSON___DRP 24192	48.73 1.87 0.00	45.10 1.73 0.00	41.54 1.56 0.00	39.87 1.46 0.00	40.17 1.47 0.00	41.79 1.61 0.00	44.05 1.86 0.00	50.33 2.17 0.00	52.75 2.51 0.00	52.61 2.41 0.00	58.82 3.17 0.00	62.26 3.52 0.00	65.14 3.80 0.00	75.19 4.66 0.00	82.03 5.51 -0.01	92.49 7.32 0.00	105.89 8.88 -1.56	121.26 10.21 -1.30	135.90 10.88 0.00	117.47 7.89 0.00	92.71 5.66 0.00	77.93 3.78 0.00	60.40 2.43 0.00	53.20 2.14 0.00
CH_MISC_IPPS 23765	49.01 2.16 0.00	45.27 1.91 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.26 2.07 0.00	50.57 2.41 0.00	53.05 2.81 0.00	52.91 2.71 -0.01	59.16 3.51 0.00	62.79 4.05 0.00	65.63 4.29 0.00	75.75 5.22 0.00	82.71 6.19 -0.01	93.34 8.18 0.00	106.70 9.93 -1.33	122.06 11.20 -1.10	136.91 11.88 0.00	118.57 8.99 0.00	93.49 6.44 0.00	78.45 4.30 0.00	60.74 2.78 0.00	53.50 2.45 0.00
CH_RES_BVR_FALLS 23983	46.72 -0.14 0.00	43.23 -0.13 0.00	39.86 -0.12 0.00	38.29 -0.11 0.00	38.58 -0.12 0.00	40.06 -0.12 0.00	42.07 -0.13 0.00	48.02 -0.14 0.00	50.09 -0.15 0.00	50.05 -0.15 0.00	55.32 -0.33 0.00	58.33 -0.41 0.00	60.84 -0.49 0.00	69.97 -0.57 0.00	75.82 -0.69 0.00	84.23 -0.93 0.00	94.40 -1.05 0.00	108.66 -1.10 0.00	123.77 -1.25 0.00	108.60 -0.99 0.00	86.35 -0.70 0.00	73.64 -0.52 0.00	57.62 -0.35 0.00	50.90 -0.15 0.00
CH_RES_NIAGARA 23895	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
CH_RES_SYRACUSE 23985	46.75 -0.14 -0.03	43.21 -0.26 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.91 -0.28 0.00	42.03 -0.17 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.15 -0.05 0.00	56.15 0.11 -0.39	59.16 -0.06 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.26 0.58 -2.23	115.40 0.00 -5.64	131.99 0.25 -6.72	115.81 0.77 -5.45	92.26 0.69 -4.52	76.83 0.15 -2.53	58.47 0.00 -0.51	51.67 -0.35 -0.97
CLINTON_WT_PWR 323605	46.95 0.09 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.37 -0.04 0.00	38.66 -0.04 0.00	40.18 0.00 0.00	42.11 -0.08 0.00	48.07 -0.10 0.00	50.09 -0.15 0.00	50.05 -0.15 0.00	54.93 -0.73 0.00	57.68 -1.06 0.00	60.04 -1.29 0.00	68.98 -1.55 0.00	74.52 -1.99 0.00	82.36 -2.81 0.00	92.30 -3.15 0.00	106.47 -3.29 0.00	121.28 -3.75 0.00	106.63 -2.95 0.00	84.78 -2.26 0.00	72.67 -1.48 0.00	57.21 -0.76 0.00	51.00 -0.05 0.00
CLINTON___LFGE 323618	47.65 0.80 0.00	43.97 0.61 0.00	40.30 0.32 0.00	38.79 0.38 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.66 0.47 0.00	48.65 0.48 0.00	50.64 0.40 0.00	50.65 0.45 0.00	55.26 -0.39 0.00	57.92 -0.82 0.00	60.23 -1.10 0.00	69.05 -1.48 0.00	74.60 -1.91 0.00	82.61 -2.55 0.00	92.78 -2.67 0.00	107.23 -2.52 0.00	122.27 -2.75 0.00	107.94 -1.64 0.00	85.83 -1.22 0.00	73.56 -0.60 0.00	57.85 -0.12 0.00	51.71 0.66 0.00
COBBLENY_34_KV_TB1 80064	44.28 -2.58 0.00	40.37 -2.99 0.00	37.34 -2.64 0.01	35.68 -2.73 0.00	36.07 -2.63 0.00	37.56 -2.61 0.01	39.93 -2.24 0.03	38.44 -1.73 7.99	41.02 -1.41 7.82	46.70 -1.46 2.04	46.16 -1.50 7.98	48.41 -1.59 8.74	53.90 -1.66 5.78	52.92 -2.40 15.21	56.99 -2.45 17.07	68.68 -1.62 14.87	80.69 -1.72 13.04	101.38 -3.73 4.64	117.20 -4.25 3.58	106.84 -2.74 0.00	85.83 -1.22 0.00	70.86 -3.26 0.03	53.48 -2.84 1.64	45.77 -3.37 1.92
COFFEEN___115KV_TB3 355620	49.43 2.58 0.00	45.49 2.12 0.00	41.78 1.80 0.00	40.21 1.81 0.00	40.44 1.74 0.00	42.15 1.97 0.00	44.39 2.19 0.00	51.39 3.23 0.00	53.56 3.32 0.00	52.66 2.46 0.00	57.99 2.34 0.00	60.32 1.59 0.00	62.68 1.35 0.00	72.23 1.69 0.00	78.35 1.84 0.00	87.72 2.55 0.00	98.12 2.67 0.00	111.40 1.65 0.00	128.40 3.38 0.00	113.97 4.38 0.00	91.14 4.09 0.00	77.04 2.89 0.00	60.98 3.01 0.00	53.45 2.40 0.00
COLDSPRG_115KV_BK1 355956	44.75 -2.11 0.00	40.85 -2.51 0.00	37.70 -2.28 0.01	35.95 -2.46 0.00	36.34 -2.36 0.00	37.88 -2.29 0.01	40.86 -1.31 0.02	40.56 -0.19 7.41	43.25 0.25 7.25	48.61 0.30 1.89	48.58 0.33 7.40	50.81 0.18 8.10	56.16 0.18 5.36	56.15 -0.28 14.10	60.61 -0.08 15.83	71.82 0.43 13.77	84.32 0.86 12.00	104.66 -0.77 4.33	121.14 -0.50 3.39	109.26 -0.33 0.00	87.66 0.61 0.00	71.90 -2.22 0.03	54.00 -2.38 1.58	46.12 -3.11 1.82
COLONIE_LFGE___ 323577	48.31 1.45 0.00	44.75 1.39 0.00	41.34 1.36 0.00	39.68 1.27 0.00	39.97 1.28 0.00	41.47 1.29 0.00	43.55 1.35 0.00	49.56 1.40 0.00	51.55 1.30 0.00	51.50 1.30 0.00	57.15 1.50 0.00	60.44 1.70 0.00	63.17 1.84 0.00	72.58 2.05 0.00	78.88 2.37 0.00	88.32 3.15 0.00	112.07 3.53 -13.08	124.58 3.95 -10.88	129.90 4.87 0.00	113.85 4.27 0.00	90.36 3.31 0.00	77.81 2.59 -1.06	67.13 1.85 -7.32	52.58 1.53 0.00
COOPERNY_115KV_TB1 80082	47.84 0.98 0.00	44.32 0.95 0.00	40.86 0.88 0.00	39.18 0.77 0.00	39.51 0.81 0.00	41.07 0.88 0.00	43.25 1.05 0.00	49.42 1.25 0.00	51.40 1.16 0.00	51.64 1.46 0.01	57.60 1.95 0.00	60.85 2.11 0.00	63.60 2.27 0.00	73.28 2.75 0.00	79.94 3.44 0.01	89.76 4.60 0.00	100.89 5.44 0.00	116.12 6.37 0.00	131.90 6.88 0.00	114.41 4.82 0.00	90.62 3.57 0.00	76.38 2.22 0.00	59.30 1.33 0.00	52.23 1.17 0.00
COPENHAGEN_WT_PWR 323753	48.92 2.06 0.00	45.05 1.69 0.00	41.38 1.40 0.00	39.83 1.42 0.00	40.09 1.39 0.00	41.75 1.57 0.00	43.97 1.77 0.00	50.81 2.65 0.00	53.00 2.76 0.00	52.21 2.01 0.00	57.54 1.89 0.00	59.91 1.17 0.00	62.38 1.04 0.00	71.80 1.27 0.00	77.89 1.38 0.00	87.13 1.96 0.00	97.46 2.01 0.00	115.16 0.87 -4.53	132.54 2.12 -5.40	117.15 3.18 -4.38	93.72 3.05 -3.63	78.34 2.15 -2.03	60.69 2.32 -0.41	53.67 1.84 -0.78
CORNELL_____ 23752	47.59 0.70 -0.03	43.92 0.48 -0.08	40.34 0.36 0.00	38.72 0.31 0.00	39.05 0.35 0.00	40.63 0.44 -0.01	42.88 0.68 -0.01	53.02 0.92 -3.94	55.20 0.95 -4.00	51.94 0.75 -0.98	60.72 0.89 -4.18	64.18 0.82 -4.62	65.43 0.86 -3.24	79.94 1.06 -8.35	87.46 1.38 -9.57	96.16 2.21 -8.78	107.79 2.58 -9.76	116.90 2.85 -4.29	132.29 3.88 -3.39	116.19 4.05 -2.56	92.74 3.57 -2.12	77.48 2.15 -1.18	59.21 1.39 0.15	52.36 0.77 -0.54

CORONA__69_KV_TB1 355595	49.34 2.48 0.00	45.31 1.95 0.00	41.62 1.64 0.00	39.87 1.46 0.00	40.25 1.55 0.00	41.91 1.73 0.00	44.35 2.15 0.00	50.58 2.41 0.00	52.85 2.61 0.00	53.50 3.31 0.01	59.87 4.23 0.01	62.84 4.11 0.01	65.73 4.42 0.02	76.73 6.21 0.01	84.23 7.73 0.01	94.39 9.20 -0.02	108.12 10.88 -1.79	124.19 12.95 -1.49	138.28 13.25 0.00	118.78 9.21 0.01	94.53 7.49 0.00	78.60 4.45 0.01	60.78 2.78 -0.04	53.59 2.50 -0.04
CORTLAND__115KV_TB3 80093	47.12 0.23 -0.02	43.52 0.09 -0.08	40.02 0.04 0.00	38.45 0.04 0.00	38.74 0.04 0.00	40.27 0.08 0.00	42.45 0.25 0.00	50.07 0.48 -1.42	52.32 0.55 -1.52	50.94 0.40 -0.34	57.84 0.56 -1.63	61.04 0.47 -1.83	63.27 0.55 -1.38	74.64 0.63 -3.47	81.51 0.92 -4.08	90.76 1.62 -3.98	101.61 1.72 -4.44	114.39 1.87 -2.77	130.01 2.38 -2.61	114.41 2.52 -2.30	91.22 2.26 -1.91	76.40 1.19 -1.06	58.49 0.70 0.17	51.62 0.31 -0.26
COXSACKIE__GT 23611	49.67 2.81 0.00	45.96 2.60 0.00	42.46 2.48 0.00	40.75 2.34 0.00	40.98 2.28 0.00	42.55 2.37 0.00	44.56 2.36 0.00	50.34 2.17 0.00	51.90 1.66 0.00	51.40 1.20 0.00	56.76 1.11 0.00	60.09 1.35 0.00	62.80 1.47 0.00	72.50 1.97 0.00	78.80 2.29 0.00	88.74 3.58 0.00	83.37 5.73 17.80	101.65 6.70 14.81	133.27 8.25 0.00	116.49 6.91 0.00	92.36 5.31 0.00	77.31 4.22 1.06	53.75 3.13 7.34	53.45 2.40 0.00
CPV_VALLEY__CC1 323721	47.93 1.08 0.00	44.36 1.00 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.11 0.92 0.00	43.38 1.18 0.00	49.51 1.35 0.00	51.80 1.56 0.00	51.79 1.61 0.02	57.82 2.17 0.00	61.26 2.52 0.00	63.97 2.64 0.00	73.71 3.18 0.00	80.46 3.98 0.03	90.53 5.37 0.00	103.14 6.49 -1.20	118.22 7.47 -0.99	132.91 7.88 0.00	115.28 5.69 0.00	91.05 4.01 0.00	76.60 2.44 0.00	59.35 1.39 0.00	52.33 1.28 0.00
CPV_VALLEY__CC2 323722	47.93 1.08 0.00	44.36 1.00 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.11 0.92 0.00	43.38 1.18 0.00	49.51 1.35 0.00	51.80 1.56 0.00	51.79 1.61 0.02	57.82 2.17 0.00	61.26 2.52 0.00	63.97 2.64 0.00	73.71 3.18 0.00	80.46 3.98 0.03	90.53 5.37 0.00	103.14 6.49 -1.20	118.22 7.47 -0.99	132.91 7.88 0.00	115.28 5.69 0.00	91.05 4.01 0.00	76.60 2.44 0.00	59.35 1.39 0.00	52.33 1.28 0.00
CRESCENT__HYD 24018	48.31 1.45 0.00	44.75 1.39 0.00	41.34 1.36 0.00	39.68 1.27 0.00	39.97 1.28 0.00	41.47 1.29 0.00	43.55 1.35 0.00	49.56 1.40 0.00	51.55 1.30 0.00	51.50 1.30 0.00	57.15 1.50 0.00	60.44 1.70 0.00	63.17 1.84 0.00	72.58 2.05 0.00	78.88 2.37 0.00	88.32 3.15 0.00	112.07 3.53 -13.08	124.58 3.95 -10.88	129.90 4.87 0.00	113.85 4.27 0.00	90.36 3.31 0.00	77.81 2.59 -1.06	67.13 1.85 -7.32	52.58 1.53 0.00
CRICKET__VALLEY_CC1 323756	48.17 1.31 0.00	44.57 1.21 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.31 1.12 0.00	43.59 1.39 0.00	49.81 1.64 0.00	52.15 1.91 0.00	52.06 1.86 -0.01	58.16 2.51 0.00	61.67 2.94 0.00	64.40 3.07 0.00	74.27 3.74 0.00	81.03 4.51 -0.01	91.21 6.05 0.00	104.72 7.35 -1.92	119.81 8.45 -1.60	133.90 8.88 0.00	115.94 6.35 0.00	91.49 4.44 0.00	76.97 2.82 0.00	59.64 1.68 0.00	52.53 1.48 0.00
CRICKET__VALLEY_CC2 323757	48.17 1.31 0.00	44.57 1.21 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.31 1.12 0.00	43.59 1.39 0.00	49.81 1.64 0.00	52.15 1.91 0.00	52.06 1.86 -0.01	58.16 2.51 0.00	61.67 2.94 0.00	64.40 3.07 0.00	74.27 3.74 0.00	81.03 4.51 -0.01	91.21 6.05 0.00	104.72 7.35 -1.92	119.81 8.45 -1.60	133.90 8.88 0.00	115.94 6.35 0.00	91.49 4.44 0.00	76.97 2.82 0.00	59.64 1.68 0.00	52.53 1.48 0.00
CRICKET__VALLEY_CC3 323758	48.17 1.31 0.00	44.57 1.21 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.31 1.12 0.00	43.59 1.39 0.00	49.81 1.64 0.00	52.15 1.91 0.00	52.06 1.86 -0.01	58.16 2.51 0.00	61.67 2.94 0.00	64.40 3.07 0.00	74.27 3.74 0.00	81.03 4.51 -0.01	91.21 6.05 0.00	104.72 7.35 -1.92	119.81 8.45 -1.60	133.90 8.88 0.00	115.94 6.35 0.00	91.49 4.44 0.00	76.97 2.82 0.00	59.64 1.68 0.00	52.53 1.48 0.00
CRUCIBLE__METL_DRP 24180	46.75 -0.14 -0.03	43.16 -0.30 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.99 -0.21 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.20 0.00 -0.39	56.15 0.11 -0.39	59.22 0.00 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.25 0.57 -2.23	113.11 0.11 -3.24	129.13 0.25 -3.86	113.37 0.66 -3.13	90.34 0.70 -2.60	75.75 0.15 -1.45	58.26 0.00 -0.29	51.25 -0.36 -0.56
DAHOWA__HYDRO 323763	49.06 2.20 0.00	45.49 2.12 0.00	41.94 1.96 0.00	40.22 1.81 0.00	40.48 1.78 0.00	42.03 1.85 0.00	44.01 1.81 0.00	50.04 1.88 0.00	51.90 1.66 0.00	51.76 1.56 0.00	57.32 1.67 0.00	60.79 2.05 0.00	63.48 2.15 0.00	73.07 2.54 0.00	79.49 2.98 0.00	89.00 3.84 0.00	108.27 4.10 -8.72	122.06 5.05 -7.25	131.65 6.62 0.00	115.94 6.35 0.00	91.92 4.87 0.00	78.73 3.85 -0.73	65.64 2.67 -5.01	53.25 2.19 0.00
DANC__LFGE 323619	48.12 1.27 0.00	44.31 0.95 0.00	40.73 0.76 0.01	39.22 0.81 0.00	39.47 0.77 0.00	41.11 0.92 0.00	43.25 1.06 0.00	49.81 1.64 0.00	52.00 1.76 0.00	51.45 1.26 0.00	56.87 1.22 0.00	59.39 0.65 0.00	61.95 0.61 0.00	71.09 0.56 0.00	77.20 0.69 0.00	86.44 1.28 0.00	96.69 1.24 0.00	115.51 -0.22 -5.97	132.88 0.63 -7.23	116.61 1.53 -5.50	93.17 1.57 -4.55	77.60 0.89 -2.56	59.95 1.10 -0.89	53.06 0.77 -1.24
DANSKAMMER__1 23586	49.01 2.16 0.00	45.27 1.91 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.26 2.07 0.00	50.57 2.41 0.00	53.05 2.81 0.00	52.91 2.71 -0.01	59.16 3.51 0.00	62.79 4.05 0.00	65.63 4.29 0.00	75.75 5.22 0.00	82.71 6.19 -0.01	93.34 8.18 0.00	106.70 9.93 -1.33	122.06 11.20 -1.10	136.91 11.88 0.00	118.57 8.99 0.00	93.49 6.44 0.00	78.45 4.30 0.00	60.74 2.78 0.00	53.50 2.45 0.00
DANSKAMMER__2 23589	49.01 2.16 0.00	45.27 1.91 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.26 2.07 0.00	50.57 2.41 0.00	53.05 2.81 0.00	52.91 2.71 -0.01	59.16 3.51 0.00	62.79 4.05 0.00	65.63 4.29 0.00	75.75 5.22 0.00	82.71 6.19 -0.01	93.34 8.18 0.00	106.70 9.93 -1.33	122.06 11.20 -1.10	136.91 11.88 0.00	118.57 8.99 0.00	93.49 6.44 0.00	78.45 4.30 0.00	60.74 2.78 0.00	53.50 2.45 0.00
DANSKAMMER__3 23590	49.01 2.16 0.00	45.27 1.91 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.26 2.07 0.00	50.57 2.41 0.00	53.05 2.81 0.00	52.91 2.71 -0.01	59.16 3.51 0.00	62.79 4.05 0.00	65.63 4.29 0.00	75.75 5.22 0.00	82.71 6.19 -0.01	93.34 8.18 0.00	106.70 9.93 -1.33	122.06 11.20 -1.10	136.91 11.88 0.00	118.57 8.99 0.00	93.49 6.44 0.00	78.45 4.30 0.00	60.74 2.78 0.00	53.50 2.45 0.00

DANSKAMMER___4 23591	49.01 2.16 0.00	45.27 1.91 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.26 2.07 0.00	50.57 2.41 0.00	53.05 2.81 0.00	52.91 2.71 -0.01	59.16 3.51 0.00	62.79 4.05 0.00	65.63 4.29 0.00	75.75 5.22 0.00	82.71 6.19 -0.01	93.34 8.18 0.00	106.70 9.93 -1.33	122.06 11.20 -1.10	136.91 11.88 0.00	118.57 8.99 0.00	93.49 6.44 0.00	78.45 4.30 0.00	60.74 2.78 0.00	53.50 2.45 0.00
DANSKAMMER___DIESEL 23592	49.01 2.16 0.00	45.31 1.95 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.26 2.07 0.00	50.58 2.41 0.00	53.06 2.81 0.00	52.91 2.71 0.00	59.21 3.56 0.00	62.67 3.94 0.00	65.57 4.23 0.00	75.75 5.22 0.00	82.71 6.20 0.00	93.34 8.18 0.00	106.81 9.93 -1.44	122.36 11.41 -1.19	137.15 12.13 0.00	118.46 8.88 0.00	93.49 6.44 0.00	78.53 4.38 0.00	60.80 2.84 0.00	53.55 2.50 0.00
DARBY___SOLAR 323810	48.87 2.01 0.00	45.31 1.95 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.87 1.69 0.00	43.89 1.69 0.00	49.90 1.73 0.00	51.80 1.56 0.00	51.65 1.46 0.00	57.21 1.56 0.00	60.62 1.88 0.00	63.30 1.96 0.00	72.86 2.32 0.00	79.26 2.75 0.00	88.74 3.58 0.00	108.63 3.92 -9.26	122.18 4.72 -7.70	131.15 6.12 0.00	115.50 5.91 0.00	91.57 4.52 0.00	78.41 3.49 -0.77	65.70 2.43 -5.31	53.10 2.04 0.00
DASHVILLE___HYD 23610	48.73 1.87 0.00	45.10 1.73 0.00	41.58 1.60 0.00	39.87 1.46 0.00	40.17 1.47 0.00	41.71 1.53 0.00	43.88 1.69 0.00	50.09 1.93 0.00	52.50 2.26 0.00	52.36 2.16 0.00	58.49 2.84 0.00	61.85 3.11 0.00	64.77 3.43 0.00	74.76 4.23 0.00	81.64 5.13 0.00	92.06 6.90 0.00	101.63 9.26 3.08	117.95 10.76 2.56	135.53 10.50 0.00	117.15 7.56 0.00	92.53 5.48 0.00	78.06 4.15 0.24	59.00 2.72 1.69	53.20 2.14 0.00
DELAWARE___LFGE 323621	47.90 1.03 -0.01	44.43 1.04 -0.03	41.02 1.04 0.00	39.37 0.96 0.00	39.67 0.97 0.00	41.19 1.00 0.00	43.21 1.01 0.00	49.51 1.30 -0.05	51.75 1.41 -0.10	51.56 1.36 0.00	57.45 1.67 -0.13	60.60 1.70 -0.16	63.29 1.78 -0.18	73.19 2.26 -0.40	79.87 2.83 -0.53	89.47 3.66 -0.64	100.26 4.01 -0.80	115.14 4.39 -0.99	131.17 5.00 -1.15	114.46 3.95 -0.93	91.04 3.22 -0.77	76.66 2.08 -0.43	59.56 1.51 -0.09	52.44 1.23 -0.17
DERFIELD_115KV_TB7 355931	46.86 0.00 0.00	43.41 0.04 0.00	40.02 0.04 0.00	38.45 0.04 0.00	38.74 0.04 0.00	40.22 0.04 0.00	42.24 0.04 0.00	48.21 0.05 0.00	50.29 0.05 0.00	50.20 0.00 0.00	55.71 0.06 0.00	58.80 0.06 0.00	61.40 0.06 0.00	70.67 0.14 0.00	76.74 0.23 0.00	85.59 0.43 0.00	95.93 0.48 0.00	110.30 0.55 0.00	125.65 0.63 0.00	110.02 0.44 0.00	87.40 0.35 0.00	74.30 0.15 0.00	58.08 0.12 0.00	51.15 0.10 0.00
DOGLEVILLE___HYD 23807	46.57 -0.28 0.00	43.06 -0.30 0.00	39.70 -0.28 0.00	38.14 -0.27 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.86 -0.34 0.00	47.88 -0.29 0.00	49.94 -0.30 0.00	49.80 -0.40 0.00	55.20 -0.45 0.00	58.15 -0.59 0.00	60.72 -0.61 0.00	69.90 -0.63 0.00	75.97 -0.54 0.00	84.65 -0.51 0.00	94.50 -0.95 0.00	108.77 -0.99 0.00	124.02 -1.00 0.00	108.82 -0.77 0.00	86.53 -0.52 0.00	73.56 -0.59 0.00	57.79 -0.17 0.00	50.90 -0.15 0.00
DUNKIRK___115KV_TB_200 55889	44.28 -2.58 0.00	40.37 -2.99 0.00	37.26 -2.72 0.01	35.61 -2.80 0.00	35.99 -2.71 0.00	37.44 -2.73 0.01	39.85 -2.32 0.03	38.12 -1.73 8.32	40.70 -1.41 8.13	46.62 -1.46 2.12	45.79 -1.56 8.30	47.89 -1.76 9.09	53.48 -1.84 6.01	52.10 -2.61 15.82	56.15 -2.60 17.76	67.83 -1.87 15.46	79.70 -1.81 13.94	101.18 -3.73 4.85	117.63 -3.75 3.64	107.83 -1.75 0.00	86.61 -0.44 0.00	71.38 -2.74 0.03	53.77 -2.55 1.64	45.89 -3.22 1.95
DUNKIRK___1 23563	44.28 -2.58 0.00	40.37 -2.99 0.00	37.26 -2.72 0.01	35.61 -2.80 0.00	35.99 -2.71 0.00	37.44 -2.73 0.01	39.85 -2.32 0.03	38.12 -1.73 8.32	40.70 -1.41 8.13	46.62 -1.46 2.12	45.79 -1.56 8.30	47.89 -1.76 9.09	53.48 -1.84 6.01	52.10 -2.61 15.82	56.15 -2.60 17.76	67.83 -1.87 15.46	79.70 -1.81 13.94	101.18 -3.73 4.85	117.63 -3.75 3.64	107.83 -1.75 0.00	86.61 -0.44 0.00	71.38 -2.74 0.03	53.77 -2.55 1.64	45.89 -3.22 1.95
DUNKIRK___2 23564	44.28 -2.58 0.00	40.37 -2.99 0.00	37.26 -2.72 0.01	35.61 -2.80 0.00	35.99 -2.71 0.00	37.44 -2.73 0.01	39.85 -2.32 0.03	38.12 -1.73 8.32	40.70 -1.41 8.13	46.62 -1.46 2.12	45.79 -1.56 8.30	47.89 -1.76 9.09	53.48 -1.84 6.01	52.10 -2.61 15.82	56.15 -2.60 17.76	67.83 -1.87 15.46	79.70 -1.81 13.94	101.18 -3.73 4.85	117.63 -3.75 3.64	107.83 -1.75 0.00	86.61 -0.44 0.00	71.38 -2.74 0.03	53.77 -2.55 1.64	45.89 -3.22 1.95
DUNKIRK___3 23565	44.14 -2.72 0.00	40.24 -3.12 0.00	37.18 -2.80 0.01	35.53 -2.88 0.00	35.91 -2.79 0.00	37.36 -2.81 0.01	39.76 -2.41 0.03	37.86 -1.83 8.48	40.45 -1.51 8.29	46.48 -1.56 2.16	45.52 -1.67 8.46	47.65 -1.82 9.26	53.30 -1.90 6.13	51.72 -2.68 16.13	55.73 -2.68 18.10	67.45 -1.96 15.75	79.09 -2.00 14.35	100.86 -3.95 4.95	117.10 -4.25 3.68	107.28 -2.30 0.00	86.09 -0.96 0.00	71.01 -3.11 0.03	53.48 -2.84 1.64	45.67 -3.42 1.97
DUNKIRK___4 23566	44.14 -2.72 0.00	40.24 -3.12 0.00	37.18 -2.80 0.01	35.53 -2.88 0.00	35.91 -2.79 0.00	37.36 -2.81 0.01	39.76 -2.41 0.03	37.86 -1.83 8.48	40.45 -1.51 8.29	46.48 -1.56 2.16	45.52 -1.67 8.46	47.65 -1.82 9.26	53.30 -1.90 6.13	51.72 -2.68 16.13	55.73 -2.68 18.10	67.45 -1.96 15.75	79.09 -2.00 14.35	100.86 -3.95 4.95	117.10 -4.25 3.68	107.28 -2.30 0.00	86.09 -0.96 0.00	71.01 -3.11 0.03	53.48 -2.84 1.64	45.67 -3.42 1.97
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.92 2.06 0.00	45.23 1.86 0.00	41.66 1.68 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.91 1.73 0.00	44.26 2.07 0.00	50.67 2.50 0.00	53.21 2.96 0.00	53.18 2.91 -0.07	59.44 3.78 -0.01	62.91 4.17 0.00	65.75 4.42 0.00	75.98 5.43 -0.01	83.13 6.50 -0.11	93.51 8.35 0.00	107.27 10.02 -1.79	123.10 11.85 -1.49	137.65 12.63 0.00	118.57 8.99 0.00	93.58 6.53 0.00	78.45 4.30 0.00	60.57 2.61 0.00	53.45 2.40 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.59 1.73 0.00	44.97 1.60 0.00	41.46 1.48 0.00	39.75 1.34 0.00	40.09 1.39 0.00	41.67 1.49 0.00	43.97 1.77 0.00	50.14 1.97 0.00	52.65 2.41 0.00	52.45 2.26 0.01	58.65 3.01 0.00	62.09 3.35 0.00	64.89 3.56 0.00	74.90 4.37 0.00	81.77 5.28 0.02	92.23 7.07 0.00	105.47 8.78 -1.23	120.88 10.10 -1.03	135.78 10.75 0.00	117.36 7.78 0.00	92.71 5.66 0.00	77.86 3.71 0.00	60.28 2.32 0.00	53.09 2.04 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.44 2.58 -0.01	45.67 2.30 -0.01	41.95 1.96 -0.01	40.22 1.81 -0.01	40.60 1.90 -0.01	42.20 2.01 -0.01	44.56 2.36 0.00	50.96 2.79 0.00	53.50 3.22 -0.04	57.79 3.01 -4.58	60.31 3.95 -0.71	63.16 4.41 -0.02	66.54 4.60 -0.61	76.05 5.50 -0.02	90.03 6.58 -6.94	97.63 8.43 -4.03	129.83 10.12 -24.26	163.65 11.85 -42.04	147.77 12.88 -9.86	119.34 9.75 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.10 3.13 -0.01	53.92 2.86 -0.01

E179THST_13_KV_LOAD 356214	49.72 2.86 -0.01	45.88 2.51 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.77 2.57 0.00	51.25 3.08 0.00	53.80 3.52 -0.04	58.15 3.36 -4.58	60.64 4.29 -0.71	63.57 4.82 -0.02	66.97 5.03 -0.61	76.62 6.07 -0.02	90.64 7.19 -6.94	98.31 9.11 -4.03	130.60 10.88 -24.26	164.53 12.73 -42.04	148.77 13.88 -9.86	120.22 10.63 -0.01	94.80 7.75 0.00	79.57 5.41 -0.01	61.51 3.54 -0.01	54.23 3.17 -0.01
EAST HAMPTON___GT 23717	48.92 2.06 0.00	44.57 1.21 0.00	40.86 0.88 0.00	39.10 0.69 0.00	39.51 0.81 0.00	41.11 0.92 0.00	43.89 1.69 0.00	50.14 1.98 0.00	52.04 1.81 0.01	53.10 2.91 0.01	59.09 3.45 0.01	62.39 4.11 0.46	64.07 3.87 1.13	71.66 5.71 4.59	82.63 7.72 1.60	92.75 9.45 1.86	100.82 12.32 6.95	124.49 15.04 0.30	130.66 14.50 8.86	114.09 10.08 5.57	92.29 7.66 2.42	78.43 4.30 0.02	60.56 2.61 0.02	53.19 2.14 0.01
EAST RIVER___6 23660	49.24 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.40 1.70 0.00	41.95 1.77 0.00	44.47 2.28 0.00	51.06 2.89 0.00	53.74 3.46 -0.04	57.98 3.51 -4.27	60.71 4.40 -0.66	63.81 5.05 -0.02	67.46 5.33 -0.79	77.83 6.35 -0.95	90.45 7.50 -6.44	98.73 9.54 -4.03	130.84 11.26 -24.13	164.64 12.94 -41.94	148.76 13.88 -9.86	119.88 10.30 0.00	94.27 7.22 0.00	79.12 4.97 0.00	61.09 3.13 0.00	53.91 2.86 0.00
EAST RIVER___7 23524	49.24 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.40 1.70 0.00	41.95 1.77 0.00	44.47 2.28 0.00	51.06 2.89 0.00	53.74 3.46 -0.04	57.98 3.51 -4.27	60.71 4.40 -0.66	63.81 5.05 -0.02	67.46 5.33 -0.79	77.83 6.35 -0.95	90.45 7.50 -6.44	98.73 9.54 -4.03	130.84 11.26 -24.13	164.64 12.94 -41.94	148.76 13.88 -9.86	119.88 10.30 0.00	94.27 7.22 0.00	79.12 4.97 0.00	61.09 3.13 0.00	53.91 2.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.82 1.97 0.00	45.14 1.78 0.00	41.58 1.60 0.00	39.87 1.46 0.00	40.21 1.51 0.00	41.83 1.65 0.00	44.18 1.98 0.00	50.53 2.36 0.00	53.01 2.76 0.00	52.96 2.76 0.00	59.21 3.56 0.00	62.67 3.94 0.00	65.58 4.23 -0.01	75.68 5.15 0.00	82.71 6.20 0.00	93.17 8.01 0.00	106.88 9.64 -1.79	122.66 11.41 -1.49	137.15 12.13 0.00	118.13 8.55 0.00	93.23 6.18 0.00	78.31 4.15 0.00	60.45 2.49 0.00	53.30 2.25 0.00
EAST_HAMPTON___DIESEL 23722	48.82 1.97 0.00	44.49 1.13 0.00	40.78 0.80 0.00	39.02 0.61 0.00	39.43 0.73 0.00	41.03 0.85 0.00	43.80 1.60 0.00	50.10 1.93 0.00	51.99 1.76 0.01	53.05 2.86 0.01	58.98 3.34 0.01	62.28 4.00 0.46	64.01 3.80 1.13	71.52 5.57 4.59	82.48 7.58 1.60	92.67 9.37 1.86	100.73 12.22 6.95	124.26 14.81 0.30	130.53 14.37 8.86	113.99 9.97 5.57	92.19 7.57 2.42	78.36 4.22 0.02	60.49 2.55 0.02	53.14 2.09 0.01
EAST_POINT___SOLAR 323840	50.32 3.47 0.00	46.62 3.25 0.00	42.94 2.96 0.00	41.18 2.77 0.00	41.49 2.79 0.00	43.12 2.93 0.00	44.60 2.40 0.00	49.90 1.73 0.00	51.35 1.10 0.00	51.00 0.80 0.00	56.37 0.72 0.00	59.67 0.94 0.00	62.19 0.86 0.00	71.73 1.20 0.00	78.50 1.99 0.00	88.82 3.66 0.00	104.29 4.87 -3.98	119.20 6.14 -3.31	134.41 9.38 0.00	119.33 9.75 0.00	95.41 8.36 0.00	80.96 6.45 -0.36	65.17 4.75 -2.45	54.88 3.83 0.00
EAST_PULASKI___ESR 323781	47.65 0.80 0.00	43.92 0.56 0.00	40.38 0.40 0.01	38.83 0.42 0.00	39.13 0.43 0.00	40.71 0.52 0.00	42.87 0.67 0.00	49.18 1.01 0.00	51.40 1.16 0.00	51.05 0.85 0.00	56.60 0.95 0.00	59.33 0.59 0.00	61.95 0.61 0.00	70.82 0.28 0.00	76.82 0.31 0.00	86.10 0.94 0.00	96.41 0.95 0.00	117.67 -1.20 -9.12	135.33 -0.87 -11.18	117.57 -0.11 -8.09	93.84 0.09 -6.71	77.63 -0.30 -3.77	59.71 0.00 -1.74	52.92 -0.25 -2.13
EAST_RIVER___1 323558	49.20 2.34 0.00	45.40 2.04 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.03 1.85 0.00	44.52 2.32 0.00	51.06 2.89 0.00	53.64 3.37 -0.04	57.83 3.36 -4.27	60.54 4.23 -0.66	63.57 4.82 -0.02	67.16 5.03 -0.79	77.55 6.07 -0.95	90.14 7.19 -6.44	98.31 9.12 -4.03	130.46 10.88 -24.13	164.20 12.51 -41.94	148.39 13.51 -9.86	119.45 9.87 0.00	93.92 6.88 0.00	78.83 4.67 0.00	60.92 2.95 0.00	53.76 2.70 0.00
EAST_RIVER___2 323559	49.24 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.40 1.70 0.00	41.95 1.77 0.00	44.47 2.28 0.00	51.06 2.89 0.00	53.74 3.46 -0.04	57.98 3.51 -4.27	60.71 4.40 -0.66	63.81 5.05 -0.02	67.46 5.33 -0.79	77.83 6.35 -0.95	90.45 7.50 -6.44	98.73 9.54 -4.03	130.84 11.26 -24.13	164.64 12.94 -41.94	148.76 13.88 -9.86	119.88 10.30 0.00	94.27 7.22 0.00	79.12 4.97 0.00	61.09 3.13 0.00	53.91 2.86 0.00
EAST___DELAWARE_HYD 23607	48.54 1.68 0.00	44.84 1.48 0.00	41.38 1.40 0.00	39.68 1.27 0.00	39.97 1.28 0.00	41.55 1.37 0.00	43.76 1.56 0.00	50.04 1.88 0.00	52.30 2.06 0.00	52.70 2.51 0.01	58.82 3.17 0.00	62.38 3.64 0.00	65.14 3.80 0.00	75.26 4.73 0.00	82.16 5.66 0.01	92.66 7.50 0.00	104.71 9.26 0.00	120.19 10.43 0.00	136.40 11.38 0.00	118.46 8.87 0.00	93.49 6.44 0.00	78.38 4.30 0.07	60.38 2.90 0.48	53.55 2.50 0.00
EIGHT_POINT___WT_PWR 323820	45.93 -0.94 -0.01	42.14 -1.26 -0.04	38.62 -1.36 0.01	36.91 -1.50 0.00	37.34 -1.36 0.00	39.03 -1.20 -0.05	41.41 -0.89 -0.10	80.23 -0.63 -32.69	81.67 -0.60 -32.03	57.59 -0.96 -8.35	87.66 -0.89 -32.90	93.66 -1.12 -36.04	84.14 -0.98 -23.79	131.21 -1.97 -62.65	144.93 -1.99 -70.41	145.52 -0.93 -61.29	161.80 -1.05 -67.40	122.76 -4.28 -17.29	128.29 -3.75 -7.01	111.91 0.66 -1.66	90.34 1.91 -1.38	75.65 0.74 -0.75	57.16 0.00 0.80	52.90 -0.82 -2.67
ELBRIDGE_115KV_TB2 80188	46.25 -0.66 -0.05	42.76 -0.74 -0.14	39.26 -0.72 0.00	37.72 -0.69 0.00	38.00 -0.70 0.00	39.50 -0.68 0.00	41.56 -0.63 0.00	47.65 -0.67 -0.16	50.09 -0.55 -0.40	49.60 -0.60 0.00	55.62 -0.56 -0.52	58.75 -0.65 -0.66	61.49 -0.61 -0.77	71.39 -0.85 -1.70	77.99 -0.77 -2.24	87.57 -0.34 -2.75	98.09 -0.38 -3.02	113.60 -0.55 -4.40	129.75 -0.50 -5.23	113.94 0.11 -4.25	90.83 0.26 -3.52	75.83 -0.30 -1.97	58.01 -0.35 -0.40	51.14 -0.66 -0.76
ELEC_TRO_TEK 24086	49.11 2.25 0.00	45.10 1.73 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.71 1.53 0.00	44.14 1.94 0.00	50.29 2.12 0.00	52.50 2.26 0.00	53.25 3.06 0.01	59.54 3.90 0.01	62.37 3.64 0.01	65.23 3.93 0.02	76.24 5.71 0.01	83.62 7.12 0.01	93.61 8.43 -0.01	107.36 10.12 -1.79	123.21 11.96 -1.49	137.15 12.13 0.00	117.69 8.11 0.01	93.75 6.70 0.00	77.85 3.71 0.01	60.30 2.32 -0.01	53.16 2.09 -0.01
ELLENBURG_WT_PWR 323604	46.95 0.09 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.37 -0.04 0.00	38.66 -0.04 0.00	40.18 0.00 0.00	42.11 -0.08 0.00	48.07 -0.10 0.00	50.09 -0.15 0.00	50.05 -0.15 0.00	54.93 -0.73 0.00	57.68 -1.06 0.00	60.04 -1.29 0.00	68.98 -1.55 0.00	74.52 -1.99 0.00	82.36 -2.81 0.00	92.30 -3.15 0.00	106.47 -3.29 0.00	121.28 -3.75 0.00	106.63 -2.95 0.00	84.78 -2.26 0.00	72.67 -1.48 0.00	57.21 -0.76 0.00	51.00 -0.05 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.76 -3.09 0.00	39.89 -3.47 0.00	36.94 -3.04 0.01	35.30 -3.11 0.00	35.68 -3.02 0.00	37.12 -3.05 0.01	39.30 -2.87 0.03	37.14 -2.60 8.43	39.69 -2.31 8.24	45.69 -2.36 2.15	44.70 -2.56 8.39	46.84 -2.70 9.19	52.42 -2.82 6.10	50.76 -3.74 16.03	54.54 -3.98 17.99	66.14 -3.32 15.71	77.60 -3.72 14.13	98.87 -5.93 4.96	114.51 -6.75 3.77	105.31 -4.27 0.00	84.61 -2.44 0.00	70.19 -3.93 0.03	53.01 -3.25 1.71	45.31 -3.73 2.02
EMPIRE_CC_1 323656	47.98 1.12 0.00	44.49 1.13 0.00	41.14 1.16 0.00	39.48 1.07 0.00	39.78 1.08 0.00	41.27 1.09 0.00	43.34 1.14 0.00	49.32 1.15 0.00	51.30 1.06 0.00	51.25 1.06 0.00	56.87 1.22 0.00	60.15 1.41 0.00	62.80 1.47 0.00	72.16 1.62 0.00	78.42 1.91 0.00	87.81 2.64 0.00	108.16 2.96 -9.75	121.05 3.18 -8.11	128.77 3.75 0.00	112.76 3.18 0.00	89.48 2.43 0.00	77.23 1.92 -1.15	67.26 1.33 -7.96	52.23 1.18 0.00
EMPIRE_CC_2 323658	47.98 1.12 0.00	44.49 1.13 0.00	41.14 1.16 0.00	39.48 1.07 0.00	39.78 1.08 0.00	41.27 1.09 0.00	43.34 1.14 0.00	49.32 1.15 0.00	51.30 1.06 0.00	51.25 1.06 0.00	56.87 1.22 0.00	60.15 1.41 0.00	62.80 1.47 0.00	72.16 1.62 0.00	78.42 1.91 0.00	87.81 2.64 0.00	108.16 2.96 -9.75	121.05 3.18 -8.11	128.77 3.75 0.00	112.76 3.18 0.00	89.48 2.43 0.00	77.23 1.92 -1.15	67.26 1.33 -7.96	52.23 1.18 0.00
ENORWICH_115KV_TB1 80156	49.36 2.48 -0.02	45.55 2.12 -0.06	41.86 1.88 0.00	40.21 1.81 0.00	40.48 1.78 0.00	42.20 2.01 0.00	44.52 2.32 -0.01	53.33 3.18 -1.99	55.46 3.17 -2.06	53.25 2.56 -0.49	60.60 2.78 -2.17	63.68 2.53 -2.41	65.59 2.51 -1.74	78.29 3.32 -4.44	85.85 4.21 -5.14	95.45 5.45 -4.83	106.81 5.92 -5.44	119.08 6.59 -2.74	136.24 8.88 -2.34	119.88 8.33 -1.97	95.64 6.96 -1.63	79.88 4.82 -0.90	61.67 3.88 0.17	54.29 2.96 -0.28
ERIE_ST__34_KV_TB1-2 80199	44.19 -2.67 0.00	40.28 -3.08 0.00	37.22 -2.76 0.01	35.57 -2.84 0.00	35.99 -2.71 0.00	37.48 -2.69 0.01	40.31 -1.86 0.02	39.42 -0.92 7.83	42.09 -0.50 7.65	47.64 -0.55 2.00	47.38 -0.45 7.82	49.65 -0.53 8.56	55.18 -0.49 5.66	54.58 -1.06 14.89	58.80 -0.99 16.71	70.59 0.00 14.57	87.57 0.10 7.97	104.21 -1.87 3.68	118.95 -2.50 3.58	107.06 -2.52 0.00	85.83 -1.22 0.00	70.26 -3.86 0.03	52.82 -3.48 1.67	45.15 -3.98 1.92
ERIE_WT_PWR 323693	44.05 -2.81 0.00	40.28 -3.08 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.88 -2.82 0.00	37.36 -2.81 0.01	39.68 -2.49 0.03	37.59 -2.12 8.46	40.17 -1.81 8.27	46.18 -1.86 2.16	45.26 -1.95 8.45	47.32 -2.17 9.25	53.01 -2.21 6.11	51.34 -3.10 16.09	55.24 -3.21 18.06	66.96 -2.47 15.73	78.93 -2.57 13.95	96.85 -8.01 4.89	112.68 -8.63 3.71	106.07 -3.51 0.00	85.22 -1.83 0.00	70.78 -3.34 0.03	53.27 -3.02 1.68	45.54 -3.52 1.99
ESPRGFLD_115KV_TB1 80157	49.29 2.44 0.00	45.66 2.30 0.00	42.10 2.12 0.00	40.37 1.96 0.00	40.67 1.97 0.00	42.27 2.09 0.00	44.26 2.07 0.00	50.53 2.36 0.00	52.50 2.26 0.00	52.21 2.01 0.00	57.88 2.23 0.00	61.03 2.29 0.00	63.66 2.33 0.00	73.49 2.96 0.00	80.26 3.75 0.00	90.10 4.94 0.00	103.74 5.44 -2.85	118.49 6.37 -2.37	133.40 8.38 0.00	117.15 7.56 0.00	93.32 6.27 0.00	79.00 4.60 -0.25	63.19 3.54 -1.70	53.86 2.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.49 0.61 -0.03	43.84 0.39 -0.09	40.26 0.28 0.00	38.68 0.27 0.00	38.97 0.27 0.00	40.55 0.36 0.00	42.80 0.59 -0.01	52.29 0.82 -3.31	54.48 0.85 -3.39	51.67 0.65 -0.82	59.98 0.78 -3.55	63.38 0.70 -3.94	64.92 0.80 -2.79	78.61 0.92 -7.16	85.98 1.22 -8.25	94.86 2.04 -7.65	106.35 2.39 -8.51	116.44 2.63 -4.06	132.03 3.63 -3.38	115.93 3.73 -2.62	92.44 3.22 -2.17	77.29 1.93 -1.21	59.06 1.22 0.12	52.22 0.66 -0.51
ETNA____115KV_TB2 80207	47.49 0.61 -0.03	43.84 0.39 -0.09	40.26 0.28 0.00	38.68 0.27 0.00	38.97 0.27 0.00	40.55 0.36 0.00	42.80 0.59 -0.01	52.29 0.82 -3.31	54.48 0.85 -3.39	51.67 0.65 -0.82	59.98 0.78 -3.55	63.38 0.70 -3.94	64.92 0.80 -2.79	78.61 0.92 -7.16	85.98 1.22 -8.25	94.86 2.04 -7.65	106.35 2.39 -8.51	116.44 2.63 -4.06	132.03 3.63 -3.38	115.93 3.73 -2.62	92.44 3.22 -2.17	77.29 1.93 -1.21	59.06 1.22 0.12	52.22 0.66 -0.51
EUCLID__115KV_TB2 356179	45.92 -0.94 0.00	42.36 -1.00 0.00	39.06 -0.92 0.01	37.53 -0.88 0.00	37.81 -0.89 0.00	39.30 -0.88 0.00	41.31 -0.89 0.00	47.25 -0.92 0.00	49.44 -0.80 0.00	49.34 -0.85 0.00	54.82 -0.83 0.00	57.80 -0.94 0.00	60.35 -0.98 0.00	69.33 -1.20 0.00	75.36 -1.15 0.00	84.31 -0.85 0.00	94.40 -1.05 0.00	107.60 -1.43 0.73	122.32 -1.50 1.20	108.71 -0.88 0.00	86.53 -0.52 0.00	73.24 -0.89 0.02	56.24 -0.75 0.97	49.40 -0.97 0.68
E_CANADA_CAP_HY 24051	50.04 3.19 0.00	46.35 2.99 0.00	42.74 2.76 0.00	40.94 2.53 0.00	41.29 2.59 0.00	42.88 2.69 0.00	44.73 2.53 0.00	50.62 2.46 0.00	52.35 2.11 0.00	52.00 1.80 0.00	57.43 1.78 0.00	60.74 2.00 0.00	63.36 2.02 0.00	73.07 2.54 0.00	79.87 3.36 0.00	89.85 4.68 0.00	104.38 5.25 -3.68	119.18 6.36 -3.06	134.03 9.01 0.00	118.67 9.09 0.00	94.54 7.49 0.00	80.19 5.71 -0.33	64.57 4.35 -2.25	54.57 3.52 0.00
E_CANADA_MHWK_HY 24050	46.58 -0.28 0.00	43.06 -0.30 0.00	39.70 -0.28 0.00	38.14 -0.27 0.00	38.39 -0.31 0.00	39.91 -0.28 0.00	41.86 -0.34 0.00	47.88 -0.29 0.00	49.94 -0.30 0.00	49.79 -0.40 0.00	55.20 -0.45 0.00	58.15 -0.59 0.00	60.72 -0.61 0.00	69.90 -0.64 0.00	75.98 -0.53 0.00	84.66 -0.51 0.00	94.50 -0.95 0.00	108.77 -0.99 0.00	124.15 -0.87 0.00	108.82 -0.76 0.00	86.53 -0.52 0.00	73.56 -0.60 0.00	57.79 -0.17 0.00	50.90 -0.15 0.00
E_FISHKILL__LBMP 23776	48.45 1.59 0.00	44.84 1.47 0.00	41.34 1.36 0.00	39.64 1.23 0.00	39.98 1.28 0.00	41.55 1.37 0.00	43.84 1.65 0.00	50.09 1.93 0.00	52.50 2.26 0.00	52.48 2.26 -0.03	58.60 2.95 0.00	61.97 3.23 0.00	64.77 3.43 0.00	74.77 4.23 -0.01	81.60 5.05 -0.04	91.89 6.73 0.00	105.30 8.02 -1.83	120.71 9.44 -1.52	135.03 10.00 0.00	116.60 7.01 0.00	92.10 5.05 0.00	77.49 3.34 0.00	59.93 1.97 0.00	52.89 1.84 0.00
FALCON__SEABRD_CC1 323796	47.42 0.56 0.00	43.80 0.43 0.00	40.26 0.28 0.00	38.75 0.34 0.00	39.01 0.31 0.00	40.55 0.36 0.00	42.53 0.34 0.00	48.55 0.38 0.00	50.60 0.35 0.00	50.60 0.40 0.00	55.04 -0.61 0.00	57.21 -1.53 0.00	59.25 -2.09 0.00	68.06 -2.47 0.00	73.52 -2.99 0.00	81.25 -3.92 0.00	91.16 -4.29 0.00	105.15 -4.61 0.00	119.78 -5.25 0.00	105.31 -4.28 0.00	83.74 -3.31 0.00	71.85 -2.30 0.00	56.98 -0.99 0.00	51.51 0.46 0.00
FALCON__SEABRD_CC2 323797	47.42 0.56 0.00	43.80 0.43 0.00	40.26 0.28 0.00	38.75 0.34 0.00	39.01 0.31 0.00	40.55 0.36 0.00	42.53 0.34 0.00	48.55 0.38 0.00	50.60 0.35 0.00	50.60 0.40 0.00	55.04 -0.61 0.00	57.21 -1.53 0.00	59.25 -2.09 0.00	68.06 -2.47 0.00	73.52 -2.99 0.00	81.25 -3.92 0.00	91.16 -4.29 0.00	105.15 -4.61 0.00	119.78 -5.25 0.00	105.31 -4.28 0.00	83.74 -3.31 0.00	71.85 -2.30 0.00	56.98 -0.99 0.00	51.51 0.46 0.00

FAR ROCKAWAY___4 23548	49.71 2.86 0.00	45.66 2.30 0.00	41.90 1.92 0.00	40.14 1.73 0.00	40.52 1.82 0.00	42.19 2.01 0.00	44.69 2.49 0.00	50.96 2.79 0.00	53.26 3.01 0.00	54.06 3.87 0.01	60.54 4.90 0.01	63.55 4.82 0.01	66.46 5.15 0.02	77.72 7.19 0.01	85.38 8.88 0.01	95.67 10.48 -0.03	109.65 12.41 -1.79	125.95 14.71 -1.49	140.28 15.25 0.00	120.43 10.85 0.01	95.84 8.79 0.00	79.49 5.34 0.01	61.48 3.48 -0.04	54.05 2.96 -0.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.20 2.34 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.07 1.89 0.00	44.56 2.36 0.00	51.06 2.89 0.00	53.70 3.42 -0.04	57.96 3.41 -4.35	60.61 4.29 -0.68	63.45 4.70 -0.02	66.92 5.03 -0.56	77.57 6.07 -0.97	90.26 7.19 -6.56	98.31 9.11 -4.03	130.59 10.88 -24.25	164.64 12.84 -42.04	148.64 13.75 -9.86	119.34 9.75 0.00	94.01 6.96 0.00	78.90 4.75 0.00	60.92 2.96 0.00	53.81 2.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.25 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.11 1.93 0.00	44.56 2.36 0.00	51.06 2.89 0.00	53.70 3.42 -0.04	57.96 3.41 -4.35	60.61 4.29 -0.68	63.45 4.70 -0.02	66.86 4.97 -0.56	77.57 6.07 -0.97	90.26 7.19 -6.56	98.31 9.11 -4.03	130.59 10.88 -24.25	164.64 12.84 -42.04	148.64 13.75 -9.86	119.34 9.75 0.00	94.01 6.96 0.00	78.90 4.75 0.00	60.92 2.96 0.00	53.81 2.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.20 2.34 0.00	45.44 2.08 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.07 1.89 0.00	44.52 2.32 0.00	51.06 2.89 0.00	53.70 3.42 -0.04	57.96 3.41 -4.35	60.61 4.29 -0.68	63.39 4.64 -0.02	66.86 4.97 -0.56	77.50 6.00 -0.97	90.19 7.12 -6.56	98.22 9.03 -4.03	130.49 10.79 -24.25	164.53 12.73 -42.04	148.52 13.63 -9.86	119.12 9.53 0.00	93.84 6.79 0.00	78.82 4.67 0.00	60.86 2.90 0.00	53.76 2.71 0.00
FARRAGUT___LBMP 323566	49.15 2.30 0.00	45.40 2.04 0.00	41.74 1.76 0.00	40.02 1.61 0.00	40.40 1.70 0.00	42.03 1.85 0.00	44.47 2.28 0.00	51.01 2.84 0.00	53.59 3.32 -0.04	57.86 3.31 -4.35	60.50 4.17 -0.68	63.28 4.52 -0.02	66.74 4.85 -0.56	77.43 5.92 -0.97	90.11 7.04 -6.56	98.14 8.94 -4.03	130.40 10.69 -24.25	164.31 12.51 -42.04	148.39 13.50 -9.86	119.01 9.42 0.00	93.75 6.70 0.00	78.75 4.60 0.00	60.80 2.84 0.00	53.76 2.71 0.00
FARRCKWY_69_KV_BK2 55825	49.71 2.86 0.00	45.66 2.30 0.00	41.90 1.92 0.00	40.14 1.73 0.00	40.52 1.82 0.00	42.19 2.01 0.00	44.69 2.49 0.00	50.96 2.79 0.00	53.26 3.01 0.00	54.06 3.87 0.01	60.54 4.90 0.01	63.55 4.82 0.01	66.46 5.15 0.02	77.72 7.19 0.01	85.38 8.88 0.01	95.67 10.48 -0.03	109.65 12.41 -1.79	125.95 14.71 -1.49	140.28 15.25 0.00	120.43 10.85 0.01	95.84 8.79 0.00	79.49 5.34 0.01	61.48 3.48 -0.04	54.05 2.96 -0.04
FENNER___WINDPWR 24204	47.58 0.70 -0.02	43.93 0.52 -0.05	40.42 0.44 0.00	38.83 0.42 0.00	39.13 0.43 0.00	40.67 0.48 0.00	42.79 0.59 0.00	49.09 0.87 -0.05	51.33 0.95 -0.13	50.95 0.75 0.00	56.66 0.84 -0.17	59.66 0.71 -0.22	62.33 0.74 -0.26	72.09 0.99 -0.57	78.48 1.22 -0.75	87.87 1.79 -0.92	98.37 1.91 -1.01	113.68 1.75 -2.17	129.85 2.37 -2.45	114.70 2.74 -2.38	91.37 2.35 -1.97	76.73 1.48 -1.10	58.96 1.16 0.16	52.02 0.81 -0.15
FIBERTEK___ENERGY 23856	46.75 -0.14 -0.03	43.16 -0.30 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.99 -0.21 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.20 0.00 0.00	56.15 0.11 -0.39	59.22 0.00 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.25 0.57 -2.23	113.11 0.11 -3.24	129.13 0.25 -3.86	113.37 0.66 -3.13	90.34 0.70 -2.60	75.75 0.15 -1.45	58.26 0.00 -0.29	51.25 -0.36 -0.56
FITZPATRICK___ 23598	44.90 -1.64 0.31	40.80 -1.60 0.96	38.50 -1.48 0.00	36.99 -1.42 0.00	37.27 -1.43 0.00	38.74 -1.44 0.00	40.68 -1.52 0.00	45.40 -1.69 1.08	45.80 -1.71 2.73	48.49 -1.71 0.00	50.20 -1.84 3.61	52.20 -2.00 4.54	54.00 -2.02 5.31	56.40 -2.40 11.73	58.50 -2.52 15.49	63.70 -2.47 18.99	71.80 -2.77 20.88	75.90 -3.19 30.67	84.90 -3.63 36.49	77.10 -2.85 29.63	60.31 -2.17 24.56	58.33 -2.08 13.75	53.50 -1.68 2.78	44.10 -1.68 5.27
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.11 2.25 0.00	45.40 2.04 0.00	41.86 1.88 0.00	40.14 1.73 0.00	40.44 1.74 0.00	42.07 1.89 0.00	44.35 2.15 0.00	50.67 2.50 0.00	53.16 2.91 0.00	53.02 2.81 -0.01	59.32 3.67 0.00	62.85 4.11 0.00	65.75 4.42 0.00	75.96 5.43 0.00	82.95 6.43 -0.01	93.68 8.52 0.00	107.28 10.31 -1.52	122.76 11.74 -1.26	137.53 12.50 0.00	118.79 9.21 0.00	93.75 6.70 0.00	78.68 4.52 0.00	60.92 2.96 0.00	53.66 2.60 0.00
FORT ORANGE___ 23900	47.79 0.94 0.00	44.31 0.95 0.00	40.94 0.96 0.00	39.33 0.92 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.08 0.89 0.00	48.84 0.67 0.00	50.74 0.50 0.00	50.60 0.40 0.00	55.71 0.06 0.00	58.91 0.18 0.00	61.52 0.18 0.00	70.82 0.28 0.00	76.82 0.31 0.00	86.10 0.94 0.00	65.58 1.24 31.11	85.30 1.42 25.87	127.02 1.99 0.00	111.00 1.42 0.00	88.10 1.05 0.00	72.88 0.59 1.86	45.47 0.35 12.84	51.41 0.36 0.00
FORT_DRUM_COGEN 23780	49.06 2.20 0.00	45.14 1.78 0.00	41.50 1.52 0.00	39.95 1.54 0.00	40.17 1.47 0.00	41.87 1.69 0.00	44.05 1.86 0.00	51.01 2.84 0.00	53.16 2.91 0.00	52.36 2.16 0.00	57.65 2.00 0.00	59.97 1.23 0.00	62.38 1.04 0.00	71.87 1.34 0.00	77.96 1.45 0.00	87.21 2.04 0.00	97.46 2.00 0.00	110.74 0.99 0.00	127.52 2.50 0.00	113.09 3.51 0.00	90.36 3.31 0.00	76.53 2.37 0.00	60.45 2.49 0.00	53.09 2.04 0.00
FOX_HILLS___ESR 323835	49.58 2.72 -0.01	45.75 2.38 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.35 3.18 -0.01	53.85 3.57 -0.04	57.62 3.06 -4.36	60.39 4.06 -0.68	63.69 4.93 -0.02	67.07 4.97 -0.77	77.36 5.85 -0.98	89.74 6.96 -6.27	98.06 8.86 -4.04	130.28 10.69 -24.14	164.00 12.29 -41.95	148.28 13.38 -9.87	119.67 10.08 -0.01	94.20 7.14 -0.01	79.05 4.89 -0.01	61.16 3.19 -0.01	54.02 2.96 -0.01
FPL_FAR_ROCK_GT1 24212	49.71 2.86 0.00	45.62 2.25 0.00	41.90 1.92 0.00	40.14 1.73 0.00	40.52 1.82 0.00	42.15 1.97 0.00	44.64 2.45 0.00	50.96 2.79 0.00	53.25 3.01 0.01	54.01 3.81 0.01	60.21 4.56 0.01	63.67 4.93 0.01	66.54 5.21 0.01	77.73 7.20 0.01	85.38 8.87 0.01	95.58 10.39 -0.03	109.52 12.40 -1.67	125.74 14.60 -1.39	139.89 14.87 0.00	120.53 10.96 0.01	95.84 8.79 0.00	79.49 5.34 0.01	61.42 3.42 -0.04	54.00 2.91 -0.04
FPL_FAR_ROCK_GT2 23815	49.71 2.86 0.00	45.62 2.25 0.00	41.90 1.92 0.00	40.14 1.73 0.00	40.52 1.82 0.00	42.15 1.97 0.00	44.64 2.45 0.00	50.96 2.79 0.00	53.25 3.01 0.01	54.01 3.81 0.01	60.21 4.56 0.01	63.67 4.93 0.01	66.54 5.21 0.01	77.73 7.20 0.01	85.38 8.87 0.01	95.58 10.39 -0.03	109.52 12.40 -1.67	125.74 14.60 -1.39	139.89 14.87 0.00	120.53 10.96 0.01	95.84 8.79 0.00	79.49 5.34 0.01	61.42 3.42 -0.04	54.00 2.91 -0.04

FRANKLIN_FALL_HYD 24054	47.23 0.37 0.00	43.62 0.26 0.00	40.02 0.04 0.00	38.52 0.12 0.00	38.78 0.08 0.00	40.35 0.16 0.00	42.41 0.21 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.30 0.10 0.00	55.04 -0.61 0.00	57.92 -0.82 0.00	60.29 -1.04 0.00	69.12 -1.41 0.00	74.67 -1.84 0.00	82.52 -2.64 0.00	92.59 -2.86 0.00	106.79 -2.96 0.00	121.65 -3.38 0.00	107.50 -2.08 0.00	85.39 -1.65 0.00	73.26 -0.89 0.00	57.50 -0.46 0.00	51.15 0.10 0.00
FREEPORT_EQUS_GT1 23764	49.53 2.67 0.00	45.40 2.04 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.67 2.50 0.00	52.80 2.56 0.01	53.56 3.36 0.01	59.59 3.95 0.01	62.96 4.23 0.01	65.80 4.48 0.01	76.95 6.42 0.01	84.54 8.03 0.01	93.95 8.77 -0.01	107.81 10.69 -1.67	123.98 12.84 -1.39	137.78 12.76 0.00	118.56 8.99 0.01	94.27 7.22 0.00	78.67 4.52 0.01	60.87 2.90 -0.01	53.57 2.50 -0.01
FREEPORT___CT2 23818	49.53 2.67 0.00	45.40 2.04 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.67 2.50 0.00	52.80 2.56 0.01	53.56 3.36 0.01	59.59 3.95 0.01	62.96 4.23 0.01	65.80 4.48 0.01	76.95 6.42 0.01	84.54 8.03 0.01	93.95 8.77 -0.01	107.81 10.69 -1.67	123.98 12.84 -1.39	137.78 12.76 0.00	118.56 8.99 0.01	94.27 7.22 0.00	78.67 4.52 0.01	60.87 2.90 -0.01	53.57 2.50 -0.01
FRESHKLS_33_KV_LOAD 356253	49.68 2.81 -0.01	45.88 2.51 -0.01	42.27 2.28 -0.01	40.53 2.11 -0.01	40.91 2.20 -0.01	42.52 2.33 -0.01	44.98 2.78 0.00	51.50 3.32 -0.01	54.00 3.72 -0.04	57.62 3.06 -4.36	60.29 3.95 -0.68	63.63 4.87 -0.02	67.07 4.97 -0.77	77.36 5.85 -0.98	89.74 6.96 -6.27	98.06 8.86 -4.04	130.28 10.69 -24.14	164.00 12.29 -41.95	148.28 13.38 -9.87	119.89 10.30 -0.01	94.37 7.31 -0.01	79.21 5.04 -0.01	61.21 3.24 -0.01	54.12 3.06 -0.01
FULTON COGEN____ 23766	47.15 0.28 -0.01	43.48 0.09 -0.03	39.98 0.00 0.01	38.41 0.00 0.00	38.74 0.04 0.00	40.26 0.08 0.00	42.41 0.21 0.00	48.54 0.34 -0.03	50.88 0.55 -0.08	50.65 0.45 0.00	56.31 0.56 -0.11	59.28 0.41 -0.13	61.92 0.43 -0.16	71.02 0.14 -0.34	77.19 0.23 -0.46	86.57 0.85 -0.56	96.92 0.86 -0.61	109.89 -1.76 -1.89	125.97 -1.75 -2.69	109.35 -1.10 -0.86	87.07 -0.70 -0.72	73.54 -1.04 -0.43	58.56 -0.81 -1.40	51.11 -1.02 -1.08
FULTON___LFGE 323630	49.86 3.00 0.00	46.22 2.86 0.00	42.58 2.60 0.00	40.83 2.42 0.00	41.14 2.44 0.00	42.76 2.57 0.00	44.56 2.36 0.00	50.43 2.26 0.00	52.05 1.81 0.00	51.65 1.46 0.00	57.04 1.39 0.00	60.38 1.64 0.00	62.99 1.66 0.00	72.58 2.05 0.00	79.26 2.75 0.00	89.17 4.00 -4.05	104.27 4.77 -3.37	119.04 5.92 0.00	133.64 8.62 0.00	118.46 8.87 0.00	94.36 7.31 0.00	80.08 5.56 -0.36	64.58 4.12 -2.50	54.37 3.32 0.00
G.F.CEMENT___DRP 24184	49.25 2.39 0.00	45.62 2.25 0.00	42.10 2.12 0.00	40.33 1.92 0.00	40.60 1.90 0.00	42.15 1.97 0.00	44.09 1.90 0.00	50.14 1.97 0.00	52.00 1.76 0.00	51.85 1.66 0.00	57.43 1.78 0.00	60.97 2.23 0.00	63.66 2.33 0.00	73.35 2.82 0.00	79.88 3.37 0.00	89.34 4.17 0.00	107.67 4.39 -7.83	121.64 5.38 -6.51	132.15 7.13 0.00	116.49 6.90 0.00	92.36 5.31 0.00	78.88 4.08 -0.65	65.24 2.78 -4.50	53.30 2.25 0.00
GARDENVILLE___LBMP 24039	43.90 -2.95 0.00	40.02 -3.34 0.00	37.02 -2.96 0.01	35.38 -3.03 0.00	35.76 -2.94 0.00	37.24 -2.93 0.01	39.51 -2.66 0.03	36.57 -2.26 9.33	39.16 -1.96 9.12	45.76 -2.06 2.38	44.17 -2.17 9.31	46.19 -2.35 10.19	52.14 -2.45 6.74	49.47 -3.32 17.75	53.07 -3.52 19.92	65.02 -2.81 17.34	76.30 -3.15 16.00	99.10 -5.27 5.38	115.14 -6.00 3.88	105.75 -3.84 0.00	84.96 -2.09 0.00	70.34 -3.78 0.03	53.10 -3.19 1.68	45.30 -3.68 2.07
GARDNVLA_35_KV_LD 355827	44.14 -2.72 0.00	40.24 -3.12 0.00	37.22 -2.76 0.01	35.57 -2.84 0.00	35.95 -2.75 0.00	37.40 -2.77 0.01	39.72 -2.45 0.03	37.96 -2.07 8.13	40.53 -1.76 7.95	46.31 -1.81 2.08	45.63 -1.89 8.12	47.85 -2.00 8.89	53.37 -2.09 5.88	52.17 -2.89 15.47	56.08 -3.06 17.37	67.73 -2.30 15.14	79.78 -2.48 13.19	100.54 -4.50 4.71	116.12 -5.25 3.65	106.41 -3.18 0.00	85.39 -1.65 0.00	70.63 -3.49 0.03	53.39 -2.90 1.68	45.62 -3.47 1.96
GELCKHM___115KV_LOAD 80723	46.22 -0.66 -0.02	42.67 -0.74 -0.05	39.26 -0.72 0.01	37.72 -0.69 0.00	38.00 -0.70 0.00	39.50 -0.68 0.00	41.56 -0.63 0.00	47.54 -0.67 -0.05	49.82 -0.55 -0.13	49.65 -0.55 0.00	55.32 -0.50 -0.18	58.37 -0.59 -0.22	60.98 -0.61 -0.26	70.33 -0.78 -0.57	76.57 -0.69 -0.75	85.75 -0.34 -0.92	96.08 -0.38 -1.01	109.88 -0.88 -1.00	125.12 -0.88 -0.97	110.79 -0.22 -1.43	88.14 -0.09 -1.18	74.28 -0.52 -0.65	56.94 -0.52 0.50	50.15 -0.71 0.19
GENERAL___MILLS 23808	44.04 -2.81 0.00	40.15 -3.21 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.87 -2.83 0.00	37.32 -2.85 0.01	39.64 -2.53 0.03	37.59 -2.12 8.46	40.16 -1.81 8.27	46.18 -1.86 2.16	45.26 -1.95 8.45	47.38 -2.11 9.25	53.01 -2.21 6.11	51.41 -3.03 16.09	55.24 -3.21 18.06	66.96 -2.47 15.73	78.83 -2.67 13.95	100.03 -4.83 4.89	115.81 -5.50 3.71	106.08 -3.51 0.00	85.22 -1.83 0.00	70.49 -3.63 0.03	53.21 -3.07 1.68	45.49 -3.57 1.99
GE_PLASTICS___DRP 24183	47.51 0.66 0.00	44.10 0.74 0.00	40.74 0.76 0.00	39.10 0.69 0.00	39.40 0.70 0.00	40.91 0.72 0.00	42.87 0.68 0.00	48.36 0.19 0.00	50.34 0.10 0.00	50.25 0.05 0.00	55.65 0.00 0.00	58.86 0.12 0.00	61.52 0.18 0.00	70.81 0.28 0.00	76.82 0.31 0.00	86.02 0.85 0.00	77.32 0.95 19.09	94.87 0.99 15.87	126.02 1.00 0.00	110.13 0.55 0.00	87.57 0.52 0.00	73.25 0.22 1.12	50.27 0.06 7.75	51.26 0.20 0.00
GILBOA___1 23756	47.60 0.75 0.00	44.36 1.00 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.11 0.92 0.00	42.96 0.76 0.00	49.03 0.87 0.00	51.19 0.95 0.00	51.15 0.95 0.00	56.87 1.22 0.00	60.15 1.41 0.00	62.87 1.53 0.00	72.36 1.83 0.00	78.73 2.22 0.00	88.06 2.90 0.00	98.22 2.77 0.00	112.82 3.07 0.00	128.40 3.38 0.00	112.11 2.52 0.00	89.05 2.00 0.00	75.56 1.41 0.00	58.89 0.92 0.00	51.87 0.81 0.00
GILBOA___2 23757	47.60 0.75 0.00	44.36 1.00 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.11 0.92 0.00	42.96 0.76 0.00	49.03 0.87 0.00	51.19 0.95 0.00	51.15 0.95 0.00	56.87 1.22 0.00	60.15 1.41 0.00	62.87 1.53 0.00	72.36 1.83 0.00	78.73 2.22 0.00	88.06 2.90 0.00	98.22 2.77 0.00	112.82 3.07 0.00	128.40 3.38 0.00	112.11 2.52 0.00	89.05 2.00 0.00	75.56 1.41 0.00	58.89 0.92 0.00	51.87 0.81 0.00
GILBOA___3 23758	47.60 0.75 0.00	44.36 1.00 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.11 0.92 0.00	42.96 0.76 0.00	49.03 0.87 0.00	51.19 0.95 0.00	51.15 0.95 0.00	56.87 1.22 0.00	60.15 1.41 0.00	62.87 1.53 0.00	72.36 1.83 0.00	78.73 2.22 0.00	88.06 2.90 0.00	98.22 2.77 0.00	112.82 3.07 0.00	128.40 3.38 0.00	112.11 2.52 0.00	89.05 2.00 0.00	75.56 1.41 0.00	58.89 0.92 0.00	51.87 0.81 0.00

GILBOA___4 23759	47.60 0.75 0.00	44.36 1.00 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.11 0.92 0.00	42.96 0.76 0.00	49.03 0.87 0.00	51.19 0.95 0.00	51.15 0.95 0.00	56.87 1.22 0.00	60.15 1.41 0.00	62.87 1.53 0.00	72.36 1.83 0.00	78.73 2.22 0.00	88.06 2.90 0.00	98.22 2.77 0.00	112.82 3.07 0.00	128.40 3.38 0.00	112.11 2.52 0.00	89.05 2.00 0.00	75.56 1.41 0.00	58.89 0.92 0.00	51.87 0.81 0.00
GILBOA____ 23599	47.61 0.75 0.00	44.36 1.00 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.04 0.00	41.15 0.96 0.00	43.00 0.80 0.00	49.03 0.87 0.00	51.20 0.95 0.00	51.15 0.95 0.00	56.87 1.22 0.00	60.09 1.35 0.00	62.81 1.47 0.00	72.37 1.83 0.00	78.73 2.22 0.00	88.06 2.90 0.00	98.22 2.77 0.00	112.94 3.18 0.00	128.40 3.38 0.00	111.99 2.41 0.00	89.05 2.00 0.00	75.56 1.41 0.00	58.89 0.93 0.00	51.87 0.82 0.00
GINNA____ 23603	43.57 -3.28 0.00	40.06 -3.30 0.00	36.89 -3.08 0.01	35.37 -3.04 0.00	35.68 -3.02 0.00	37.13 -3.06 0.00	39.03 -3.17 0.00	43.08 -3.56 1.52	45.44 -3.32 1.49	46.49 -3.31 0.39	50.50 -3.62 1.53	53.30 -3.76 1.68	56.43 -3.80 1.10	62.83 -4.80 2.90	68.13 -5.13 3.26	77.56 -4.77 2.84	86.96 -5.25 3.24	101.89 -5.59 2.27	115.79 -6.51 2.72	104.99 -4.60 0.00	83.56 -3.48 0.00	70.70 -3.41 0.04	53.14 -2.84 1.98	46.31 -3.21 1.52
GLEN PARK____ 23778	49.34 2.48 0.00	45.40 2.04 0.00	41.70 1.72 0.00	40.18 1.77 0.00	40.40 1.70 0.00	42.11 1.93 0.00	44.30 2.11 0.00	51.30 3.13 0.00	53.46 3.22 0.00	52.61 2.41 0.00	57.93 2.28 0.00	60.21 1.47 0.00	62.62 1.29 0.00	72.16 1.62 0.00	78.27 1.76 0.00	87.64 2.47 0.00	98.03 2.58 0.00	115.46 1.42 -4.28	133.24 3.13 -5.09	117.88 4.16 -4.13	94.39 3.92 -3.43	78.89 2.82 -1.92	61.25 2.90 -0.39	54.14 2.35 -0.73
GLENDALE_27_KV_LOAD 356172	49.58 2.72 -0.01	45.75 2.38 -0.01	42.11 2.12 -0.01	40.34 1.92 -0.01	40.72 2.01 -0.01	42.40 2.21 -0.01	44.81 2.62 0.00	51.39 3.23 0.00	54.00 3.72 -0.04	58.48 3.56 -4.72	60.95 4.56 -0.73	63.81 5.05 -0.02	67.22 5.27 -0.61	77.93 6.35 -1.05	91.12 7.50 -7.11	98.65 9.45 -4.03	130.98 11.26 -24.26	164.97 13.17 -42.04	149.27 14.38 -9.86	119.99 10.41 0.00	94.62 7.57 0.00	79.42 5.26 0.00	61.39 3.42 -0.01	54.17 3.11 -0.01
GLENWOOD_IC_1_G5 23712	49.25 2.39 0.00	45.36 1.99 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.95 1.77 0.00	44.39 2.19 0.00	50.67 2.50 0.00	53.05 2.81 0.00	53.45 3.26 0.01	59.87 4.23 0.01	63.08 4.35 0.01	65.79 4.48 0.02	76.31 5.78 0.01	83.62 7.12 0.01	93.86 8.69 0.00	107.64 10.40 -1.79	123.65 12.40 -1.49	137.78 12.75 0.00	118.46 8.88 0.00	93.84 6.79 0.00	78.23 4.08 0.00	60.75 2.78 -0.01	53.56 2.50 -0.01
GLENWOOD_IC_2_G1 23688	49.06 2.20 0.00	45.18 1.82 0.00	41.58 1.60 0.00	39.87 1.46 0.00	40.21 1.51 0.00	41.83 1.65 0.00	44.26 2.07 0.00	50.57 2.41 0.00	52.95 2.71 0.00	53.20 3.01 0.01	59.43 3.79 0.01	62.97 4.23 0.00	65.75 4.42 0.01	76.17 5.64 0.01	83.39 6.89 0.01	93.60 8.43 0.00	107.34 10.22 -1.67	123.00 11.86 -1.39	137.40 12.38 0.00	118.57 8.99 0.00	93.75 6.70 0.00	78.30 4.15 0.00	60.51 2.55 0.00	53.35 2.30 0.00
GLENWOOD_IC_3_G1 23689	49.06 2.20 0.00	45.18 1.82 0.00	41.58 1.60 0.00	39.87 1.46 0.00	40.21 1.51 0.00	41.83 1.65 0.00	44.26 2.07 0.00	50.57 2.41 0.00	52.95 2.71 0.00	53.20 3.01 0.01	59.43 3.79 0.01	62.97 4.23 0.00	65.75 4.42 0.01	76.17 5.64 0.01	83.39 6.89 0.01	93.60 8.43 0.00	107.34 10.22 -1.67	123.00 11.86 -1.39	137.40 12.38 0.00	118.57 8.99 0.00	93.75 6.70 0.00	78.30 4.15 0.00	60.51 2.55 0.00	53.35 2.30 0.00
GLENWOOD___4 23550	49.25 2.39 0.00	45.36 1.99 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.95 1.77 0.00	44.39 2.19 0.00	50.67 2.50 0.00	53.05 2.81 0.00	53.45 3.26 0.01	59.87 4.23 0.01	63.08 4.35 0.01	65.85 4.54 0.02	76.45 5.92 0.01	83.85 7.34 0.01	94.11 8.94 0.00	107.93 10.69 -1.79	123.87 12.62 -1.49	138.15 13.13 0.00	118.68 9.10 0.00	94.10 7.05 0.00	78.38 4.23 0.00	60.75 2.78 -0.01	53.56 2.50 -0.01
GLENWOOD___5 23614	49.25 2.39 0.00	45.36 1.99 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.95 1.77 0.00	44.39 2.19 0.00	50.67 2.50 0.00	53.05 2.81 0.00	53.45 3.26 0.01	59.87 4.23 0.01	63.08 4.35 0.01	65.85 4.54 0.02	76.45 5.92 0.01	83.85 7.34 0.01	94.11 8.94 0.00	107.93 10.69 -1.79	123.87 12.62 -1.49	138.15 13.13 0.00	118.68 9.10 0.00	94.10 7.05 0.00	78.38 4.23 0.00	60.75 2.78 -0.01	53.56 2.50 -0.01
GLOBAL GREEN_PORT_GT1 23814	49.38 2.53 0.00	45.01 1.65 0.00	41.30 1.32 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.51 1.32 0.00	44.30 2.11 0.00	50.57 2.41 0.00	52.50 2.26 0.01	53.45 3.26 0.01	59.42 3.79 0.01	62.74 4.46 0.46	64.50 4.29 1.13	72.23 6.28 4.58	83.25 8.34 1.60	93.43 10.13 1.86	101.59 13.08 6.94	125.48 16.02 0.30	131.79 15.63 8.86	115.20 11.18 5.56	93.16 8.54 2.42	79.03 4.89 0.02	60.96 3.01 0.02	53.55 2.50 0.01
GLOBE___DSASP 323697	42.78 -4.08 0.00	39.16 -4.21 0.00	36.30 -3.68 0.01	34.72 -3.69 0.00	35.10 -3.60 0.00	36.12 -4.06 0.01	38.00 -4.18 0.02	37.36 -4.29 6.52	39.75 -4.12 6.38	44.12 -4.42 1.66	44.35 -4.79 6.51	46.56 -5.05 7.13	51.47 -5.15 4.71	51.63 -6.49 12.41	55.62 -6.96 13.93	66.38 -6.56 12.23	74.94 -7.83 12.68	94.60 -10.65 4.51	109.17 -12.38 3.48	101.91 -7.67 0.00	81.91 -5.14 0.00	68.41 -5.71 0.04	51.70 -4.46 1.80	44.52 -4.65 1.88
GOETHSLN___LBMP 323567	48.92 2.06 0.00	45.18 1.82 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.83 1.65 0.00	44.26 2.07 0.00	50.77 2.60 0.00	53.39 3.12 -0.04	57.71 3.16 -4.35	60.28 3.95 -0.68	62.92 4.17 -0.02	66.33 4.48 -0.52	77.00 5.50 -0.97	89.35 6.58 -6.26	97.71 8.52 -4.03	129.82 10.12 -24.25	163.76 11.96 -42.04	147.77 12.88 -9.86	118.46 8.88 0.00	93.32 6.27 0.00	78.31 4.15 0.00	60.57 2.61 0.00	53.55 2.50 0.00
GOLAH___69_KV_TB 1_2 80279	45.50 -1.36 0.00	41.71 -1.65 0.00	38.45 -1.52 0.01	36.80 -1.61 0.00	37.11 -1.59 0.00	38.66 -1.53 0.00	40.63 -1.56 0.00	44.95 -1.59 1.63	47.30 -1.36 1.59	48.38 -1.41 0.42	52.51 -1.50 1.63	55.42 -1.53 1.79	58.57 -1.59 1.17	65.04 -2.40 3.10	70.51 -2.52 3.48	80.36 -1.79 3.02	90.05 -2.10 3.30	104.31 -3.18 2.26	119.21 -3.13 2.69	109.15 -0.44 0.00	87.22 0.17 0.00	73.59 -0.52 0.04	55.39 -0.64 1.94	48.22 -1.33 1.50
GOODYEAR_LAKE_HYD 323669	48.45 1.59 0.00	44.88 1.52 0.00	41.38 1.40 0.00	39.75 1.34 0.00	40.05 1.35 0.00	41.59 1.41 0.00	43.63 1.43 0.00	50.01 1.83 -0.01	52.16 1.91 -0.01	52.01 1.81 0.00	57.78 2.11 -0.01	60.87 2.11 -0.01	63.55 2.21 -0.01	73.37 2.82 -0.02	80.05 3.52 -0.02	89.70 4.51 -0.02	101.66 4.87 -1.34	116.17 5.38 -1.04	131.53 6.50 0.00	114.95 5.37 0.00	91.40 4.35 0.00	77.29 3.04 -0.09	60.86 2.26 -0.64	52.89 1.84 0.00

GOUDEY___1 345031	46.74 -0.14 -0.02	43.12 -0.30 -0.06	39.70 -0.28 0.00	38.10 -0.31 0.00	38.43 -0.27 0.00	39.95 -0.24 0.00	42.20 0.00 0.00	49.77 0.34 -1.26	52.09 0.50 -1.35	50.96 0.45 -0.31	57.71 0.61 -1.44	60.94 0.59 -1.62	63.23 0.67 -1.22	74.37 0.78 -3.06	81.25 1.15 -3.59	90.54 1.87 -3.50	101.60 2.10 -4.05	114.04 1.98 -2.31	129.47 2.38 -2.07	113.73 2.19 -1.95	90.67 2.00 -1.62	75.72 0.67 -0.90	57.87 0.17 0.27	50.99 -0.20 -0.14
GOUDEY___7 23579	46.74 -0.14 -0.02	43.12 -0.30 -0.06	39.70 -0.28 0.00	38.10 -0.31 0.00	38.43 -0.27 0.00	39.95 -0.24 0.00	42.20 0.00 0.00	49.77 0.34 -1.26	52.09 0.50 -1.35	50.96 0.45 -0.31	57.71 0.61 -1.44	60.94 0.59 -1.62	63.23 0.67 -1.22	74.37 0.78 -3.06	81.25 1.15 -3.59	90.54 1.87 -3.50	101.60 2.10 -4.05	114.04 1.98 -2.31	129.47 2.38 -2.07	113.73 2.19 -1.95	90.67 2.00 -1.62	75.72 0.67 -0.90	57.87 0.17 0.27	50.99 -0.20 -0.14
GOUDEY___8 23580	46.74 -0.14 -0.02	43.12 -0.30 -0.06	39.70 -0.28 0.00	38.10 -0.31 0.00	38.43 -0.27 0.00	39.95 -0.24 0.00	42.20 0.00 0.00	49.77 0.34 -1.26	52.09 0.50 -1.35	50.96 0.45 -0.31	57.71 0.61 -1.44	60.94 0.59 -1.62	63.23 0.67 -1.22	74.37 0.78 -3.06	81.25 1.15 -3.59	90.54 1.87 -3.50	101.60 2.10 -4.05	114.04 1.98 -2.31	129.47 2.38 -2.07	113.73 2.19 -1.95	90.67 2.00 -1.62	75.72 0.67 -0.90	57.87 0.17 0.27	50.99 -0.20 -0.14
GOWANUS_GT1_1 24077	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_2 24078	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_3 24079	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_4 24080	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_5 24084	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_6 24111	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_7 24112	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT1_8 24113	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 -3.17 -0.01
GOWANUS_GT2_1 24114	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 -3.11 -0.01
GOWANUS_GT2_2 24115	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 -3.11 -0.01
GOWANUS_GT2_3 24116	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 -3.11 -0.01
GOWANUS_GT2_4 24117	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 -3.11 -0.01

GOWANUS_GT2_5 24118	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT2_6 24119	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT2_7 24120	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT2_8 24121	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_1 24122	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_2 24123	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_3 24124	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_4 24125	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_5 24126	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_6 24127	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_7 24128	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT3_8 24129	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_1 24130	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_2 24131	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_3 24132	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01

GOWANUS_GT4_4 24133	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_5 24134	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_6 24135	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_7 24136	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GOWANUS_GT4_8 24137	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.38 1.96 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.75 4.99 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.40 9.20 -4.03	130.79 11.07 -24.26	164.75 12.95 -42.04	149.02 14.13 -9.87	119.89 10.30 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
GREENBSH_115KV_TB3 55895	47.47 0.61 0.00	44.06 0.69 0.00	40.70 0.72 0.00	39.10 0.69 0.00	39.36 0.66 0.00	40.87 0.68 0.00	42.87 0.68 0.00	48.60 0.43 0.00	50.59 0.35 0.00	50.45 0.25 0.00	55.82 0.17 0.00	59.03 0.29 0.00	61.70 0.37 0.00	71.03 0.49 0.00	77.12 0.61 0.00	86.36 1.19 0.00	63.89 1.43 33.00	83.85 1.54 27.44	126.77 1.75 0.00	110.90 1.32 0.00	88.01 0.96 0.00	72.77 0.59 1.98	44.61 0.29 13.64	51.46 0.41 0.00
GREENDGE_115KV_TB5 80291	47.77 0.89 -0.02	43.86 0.43 -0.07	40.26 0.28 0.00	38.60 0.19 0.00	39.01 0.31 0.00	40.65 0.44 -0.02	43.13 0.89 -0.04	64.23 1.30 -14.76	66.20 1.41 -14.55	55.06 1.10 -3.76	71.98 1.34 -14.99	76.42 1.23 -16.45	73.72 1.41 -10.98	100.74 1.41 -28.79	110.75 1.76 -32.48	116.79 3.07 -28.56	130.59 3.63 -31.51	122.70 3.84 -9.10	134.80 5.13 -4.65	117.19 5.48 -2.13	93.77 4.96 -1.76	78.02 2.89 -0.98	59.31 1.74 0.39	53.25 0.87 -1.33
GREENIDGE___3 23582	47.77 0.89 -0.02	43.86 0.43 -0.07	40.26 0.28 0.00	38.60 0.19 0.00	39.01 0.31 0.00	40.65 0.44 -0.02	43.13 0.89 -0.04	64.23 1.30 -14.76	66.20 1.41 -14.55	55.06 1.10 -3.76	71.98 1.34 -14.99	76.42 1.23 -16.45	73.72 1.41 -10.98	100.74 1.41 -28.79	110.75 1.76 -32.48	116.79 3.07 -28.56	130.59 3.63 -31.51	122.70 3.84 -9.10	134.80 5.13 -4.65	117.19 5.48 -2.13	93.77 4.96 -1.76	78.02 2.89 -0.98	59.31 1.74 0.39	53.25 0.87 -1.33
GREENIDGE___4 23583	47.77 0.89 -0.02	43.91 0.48 -0.07	40.26 0.28 0.00	38.60 0.19 0.00	39.01 0.31 0.00	40.65 0.44 -0.02	43.13 0.89 -0.04	64.23 1.30 -14.76	66.20 1.40 -14.55	55.06 1.10 -3.76	71.97 1.33 -14.99	76.42 1.24 -16.45	73.72 1.41 -10.98	100.74 1.41 -28.79	110.75 1.76 -32.48	116.70 2.98 -28.56	130.59 3.63 -31.51	121.81 2.31 -9.75	134.08 3.63 -5.42	117.82 5.48 -2.76	94.29 4.96 -2.28	78.46 3.04 -1.27	59.43 1.80 0.33	53.36 0.87 -1.44
GREENLWN_69_KV_BK 3 55738	49.11 2.25 0.00	45.01 1.65 0.00	41.30 1.32 0.00	39.56 1.15 0.00	39.94 1.24 0.00	41.59 1.41 0.00	44.01 1.81 0.00	49.95 1.78 0.00	51.80 1.56 0.00	52.55 2.36 0.01	58.53 2.89 0.01	61.58 2.47 -0.37	65.13 2.82 -0.97	79.15 4.58 -4.04	83.95 6.04 -1.40	94.04 7.24 -1.64	113.81 8.97 -9.39	123.60 10.87 -2.98	143.47 10.63 -7.82	121.17 6.68 -4.90	94.67 5.48 -2.14	76.60 2.45 0.00	59.19 1.22 -0.01	52.37 1.33 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 3.17 -0.01
GRISSOM___SOLAR 323813	49.62 2.76 0.00	46.01 2.65 0.00	42.42 2.44 0.00	40.64 2.23 0.00	40.94 2.24 0.00	42.55 2.37 0.00	44.39 2.19 0.00	50.24 2.07 0.00	51.90 1.66 0.00	51.50 1.30 0.00	56.87 1.22 0.00	60.21 1.47 0.00	62.75 1.41 0.00	72.36 1.83 0.00	78.96 2.45 0.00	88.82 3.66 0.00	103.87 4.30 -4.12	118.56 5.38 -3.43	133.03 8.01 0.00	117.81 8.22 0.00	93.75 6.70 0.00	79.63 5.11 -0.37	64.27 3.77 -2.55	54.11 3.06 0.00
GROVEVILLE___HYD 323602	49.11 2.25 0.00	45.40 2.04 0.00	41.86 1.88 0.00	40.14 1.73 0.00	40.44 1.74 0.00	42.07 1.89 0.00	44.35 2.15 0.00	50.67 2.50 0.00	53.16 2.91 0.00	53.02 2.81 -0.01	59.32 3.67 0.00	62.85 4.11 0.00	65.75 4.42 0.00	75.96 5.43 0.00	82.95 6.43 -0.01	93.68 8.52 0.00	107.28 10.31 -1.52	122.76 11.74 -1.26	137.53 12.50 0.00	118.79 9.21 0.00	93.75 6.70 0.00	78.68 4.52 0.00	60.92 2.96 0.00	53.66 2.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.75 -0.14 -0.03	43.16 -0.30 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.99 -0.21 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.20 0.00 0.00	56.15 0.11 -0.39	59.22 0.00 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.25 0.57 -2.23	113.11 0.11 -3.24	129.13 0.25 -3.86	113.37 0.66 -3.13	90.34 0.70 -2.60	75.75 0.15 -1.45	58.26 0.00 -0.29	51.25 -0.36 -0.56
HAMLTNNY_34_KV_TB 80303	46.62 -0.28 -0.04	43.06 -0.43 -0.13	39.50 -0.48 0.00	37.95 -0.46 0.00	38.23 -0.46 0.00	39.78 -0.40 0.00	41.86 -0.34 0.00	47.98 -0.34 -0.15	50.41 -0.20 -0.37	50.00 -0.20 0.00	56.03 -0.11 -0.49	59.12 -0.23 -0.61	61.93 -0.12 -0.72	71.83 -0.28 -1.58	78.45 -0.15 -2.09	88.16 0.43 -2.56	98.75 0.48 -2.82	114.18 0.33 -4.10	130.40 0.50 -4.88	114.75 1.21 -3.96	91.46 1.13 -3.28	76.44 0.44 -1.84	58.51 0.17 -0.37	51.50 -0.26 -0.70

HAMPSHIRE___PAPER_HYD 323593	47.28 0.42 0.00	43.67 0.31 0.00	40.10 0.12 0.00	38.60 0.19 0.00	38.85 0.16 0.00	40.43 0.24 0.00	42.53 0.34 0.00	48.89 0.72 0.00	50.95 0.70 0.00	50.35 0.15 0.00	55.26 -0.39 0.00	57.68 -1.06 0.00	60.11 -1.23 0.00	69.12 -1.41 0.00	74.75 -1.76 0.00	82.87 -2.30 0.00	92.68 -2.77 0.00	108.00 -3.40 -1.65	123.62 -3.37 -1.97	109.09 -2.09 -1.60	87.15 -1.22 -1.32	74.01 -0.89 -0.74	58.00 -0.12 -0.15	51.49 0.15 -0.28
HARDSCRABBLE_WT_PWR 323673	46.67 -0.19 0.00	43.19 -0.17 0.00	39.78 -0.20 0.00	38.22 -0.19 0.00	38.51 -0.19 0.00	39.98 -0.20 0.00	41.99 -0.21 0.00	47.97 -0.19 0.00	50.04 -0.20 0.00	49.90 -0.30 0.00	55.32 -0.33 0.00	58.33 -0.41 0.00	60.84 -0.49 0.00	70.11 -0.42 0.00	76.13 -0.38 0.00	84.91 -0.25 0.00	94.79 -0.66 0.00	109.10 -0.65 0.00	124.53 -0.50 0.00	109.15 -0.44 0.00	86.79 -0.26 0.00	73.78 -0.37 0.00	57.90 -0.06 0.00	51.00 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.68 1.83 0.00	45.05 1.69 0.00	41.54 1.56 0.00	39.83 1.42 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.05 1.86 0.00	50.29 2.12 0.00	52.96 2.71 0.00	52.67 2.51 0.04	58.98 3.34 0.01	62.44 3.70 0.00	65.32 3.99 0.00	75.39 4.87 0.01	82.26 5.81 0.06	92.92 7.75 0.00	106.49 9.45 -1.59	121.94 10.87 -1.32	136.65 11.63 0.00	118.02 8.44 0.00	93.14 6.09 0.00	78.08 3.93 0.00	60.45 2.49 0.00	53.25 2.20 0.00
HARSNRAD_115KV_TB1 81005	43.25 -3.61 0.00	39.37 -3.99 0.00	36.46 -3.52 0.01	34.88 -3.53 0.00	35.25 -3.44 0.00	36.76 -3.42 0.01	38.63 -3.54 0.02	38.48 -3.18 6.50	40.97 -2.91 6.36	45.47 -3.06 1.67	45.79 -3.34 6.53	48.07 -3.52 7.14	52.65 -3.99 4.70	53.00 -5.15 12.38	56.87 -5.74 13.90	67.84 -5.28 12.04	76.13 -6.11 13.21	96.27 -8.89 4.60	111.31 -10.25 3.46	102.57 -7.01 0.00	82.43 -4.61 0.00	68.70 -5.41 0.04	51.88 -4.29 1.79	44.59 -4.59 1.87
HARZA MOOSE___RIVER 24016	47.65 0.80 0.00	43.97 0.61 0.00	40.50 0.52 0.00	38.95 0.54 0.00	39.20 0.50 0.00	40.79 0.60 0.00	42.96 0.76 0.00	49.52 1.35 0.00	51.75 1.51 0.00	51.25 1.05 0.00	56.65 1.00 0.00	59.27 0.53 0.00	61.70 0.37 0.00	71.10 0.56 0.00	77.12 0.61 0.00	85.93 0.77 0.00	95.93 0.48 0.00	109.86 0.11 0.00	125.77 0.75 0.00	111.01 1.42 0.00	88.44 1.39 0.00	75.04 0.89 0.00	59.01 1.04 0.00	51.92 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.17 -0.70 -0.01	42.62 -0.78 -0.04	39.22 -0.76 0.01	37.68 -0.73 0.00	37.96 -0.74 0.00	39.46 -0.72 0.00	41.52 -0.68 0.00	47.54 -0.67 -0.05	49.81 -0.55 -0.12	49.65 -0.55 0.00	55.31 -0.50 -0.16	58.30 -0.65 -0.20	60.90 -0.67 -0.24	70.21 -0.85 -0.53	76.44 -0.77 -0.69	85.67 -0.34 -0.85	95.91 -0.48 -0.93	109.77 -0.77 -0.78	124.94 -0.75 -0.67	110.68 -0.22 -1.31	88.05 -0.09 -1.09	74.23 -0.52 -0.59	56.85 -0.46 0.65	50.03 -0.71 0.31
HELLGATE_13_KV_LD 55870	49.53 2.67 -0.01	45.75 2.38 -0.01	42.11 2.12 -0.01	40.38 1.96 -0.01	40.76 2.05 -0.01	42.40 2.21 -0.01	44.81 2.62 0.00	51.35 3.18 0.00	54.00 3.72 -0.04	58.48 3.56 -4.72	60.89 4.51 -0.73	63.75 4.99 -0.02	67.22 5.27 -0.61	77.86 6.28 -1.05	91.05 7.42 -7.11	98.57 9.37 -4.03	130.88 11.17 -24.26	164.86 13.06 -42.04	149.14 14.25 -9.86	120.11 10.52 0.00	94.62 7.57 0.00	79.42 5.26 0.00	61.39 3.42 -0.01	54.17 3.11 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.53 2.67 -0.01	45.75 2.38 -0.01	42.11 2.12 -0.01	40.38 1.96 -0.01	40.76 2.05 -0.01	42.40 2.21 -0.01	44.81 2.62 0.00	51.35 3.18 0.00	54.00 3.72 -0.04	58.48 3.56 -4.72	60.89 4.51 -0.73	63.75 4.99 -0.02	67.22 5.27 -0.61	77.86 6.28 -1.05	91.05 7.42 -7.11	98.57 9.37 -4.03	130.88 11.17 -24.26	164.86 13.06 -42.04	149.14 14.25 -9.86	120.11 10.52 0.00	94.62 7.57 0.00	79.42 5.26 0.00	61.39 3.42 -0.01	54.17 3.11 -0.01
HEMPSTEAD___ 23647	49.11 2.25 0.00	45.10 1.74 0.00	41.42 1.44 0.00	39.72 1.31 0.00	40.05 1.35 0.00	41.67 1.49 0.00	44.14 1.94 0.00	50.38 2.22 0.00	52.55 2.31 0.01	53.20 3.01 0.01	59.26 3.62 0.01	62.60 3.88 0.01	65.38 4.05 0.01	76.24 5.71 0.01	83.69 7.19 0.01	93.52 8.35 0.00	107.34 10.22 -1.67	123.22 12.07 -1.39	137.15 12.12 0.00	118.02 8.44 0.01	93.75 6.70 0.00	77.85 3.71 0.01	60.35 2.38 -0.01	53.15 2.09 -0.01
HICKLING___1 23621	47.11 0.23 -0.02	43.20 -0.22 -0.05	39.70 -0.28 0.00	38.03 -0.38 0.00	38.43 -0.27 0.00	40.03 -0.16 -0.01	42.47 0.25 -0.02	55.36 0.67 -6.52	57.56 0.85 -6.47	52.55 0.70 -1.65	63.28 0.95 -6.69	66.91 0.82 -7.35	67.27 0.98 -4.95	84.32 0.85 -12.95	92.31 1.15 -14.65	100.64 2.47 -13.00	112.82 2.77 -14.60	116.79 2.52 -4.51	130.72 3.25 -2.45	115.01 3.73 -1.70	92.03 3.57 -1.41	76.41 1.48 -0.77	58.13 0.70 0.53	51.42 -0.05 -0.42
HICKLING___2 23622	47.11 0.23 -0.02	43.20 -0.22 -0.05	39.70 -0.28 0.00	38.03 -0.38 0.00	38.43 -0.27 0.00	40.03 -0.16 -0.01	42.47 0.25 -0.02	55.36 0.67 -6.52	57.56 0.85 -6.47	52.55 0.70 -1.65	63.28 0.95 -6.69	66.91 0.82 -7.35	67.27 0.98 -4.95	84.32 0.85 -12.95	92.31 1.15 -14.65	100.64 2.47 -13.00	112.82 2.77 -14.60	116.79 2.52 -4.51	130.72 3.25 -2.45	115.01 3.73 -1.70	92.03 3.57 -1.41	76.41 1.48 -0.77	58.13 0.70 0.53	51.42 -0.05 -0.42
HIGH FALLS___HY 23754	49.06 2.20 0.00	45.36 1.99 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.31 2.11 0.00	50.72 2.55 0.00	53.21 2.96 0.00	53.16 2.96 0.00	59.49 3.84 0.00	62.91 4.17 0.00	65.81 4.48 0.00	76.10 5.57 0.00	83.17 6.66 0.00	93.94 8.77 0.00	104.29 10.79 1.94	120.65 12.51 1.62	138.53 13.50 0.00	119.67 10.08 0.00	94.45 7.40 0.00	78.94 4.97 0.18	60.02 3.30 1.24	53.86 2.81 0.00
HIGH_RIVER___SOLAR 323847	48.68 1.83 0.00	45.14 1.78 0.00	41.66 1.68 0.00	39.95 1.54 0.00	40.25 1.55 0.00	41.75 1.57 0.00	43.67 1.48 0.00	49.42 1.25 0.00	51.25 1.00 0.00	50.85 0.65 0.00	56.15 0.50 0.00	59.33 0.59 0.00	61.88 0.55 0.00	71.31 0.78 0.00	77.89 1.38 0.00	87.55 2.38 0.00	102.62 2.86 -4.31	117.07 3.73 -3.58	130.52 5.49 0.00	115.17 5.59 0.00	91.57 4.52 0.00	77.95 3.41 -0.39	63.07 2.43 -2.67	53.04 1.99 0.00
HILLBURN___GT 23639	48.54 1.68 0.00	44.92 1.56 0.00	41.42 1.44 0.00	39.72 1.31 0.00	40.05 1.35 0.00	41.63 1.44 0.00	43.97 1.77 0.00	50.24 2.07 0.00	52.70 2.46 0.00	52.61 2.46 0.04	58.87 3.23 0.01	62.55 3.82 0.00	65.26 3.93 0.00	75.25 4.73 0.01	82.11 5.66 0.07	92.66 7.50 0.00	105.99 9.07 -1.47	121.41 10.43 -1.22	136.15 11.12 0.00	117.69 8.11 0.00	92.79 5.74 0.00	77.86 3.71 0.00	60.22 2.26 0.00	53.04 1.99 0.00
HILLSIDE_115KV_TB1 80332	46.55 -0.33 -0.02	42.77 -0.65 -0.06	39.34 -0.64 0.00	37.68 -0.73 0.00	38.08 -0.62 0.00	39.63 -0.56 -0.01	42.04 -0.17 -0.02	54.03 0.19 -5.68	56.24 0.35 -5.65	51.84 0.20 -1.44	61.89 0.39 -5.85	65.47 0.29 -6.44	66.12 0.43 -4.36	82.19 0.28 -11.37	89.94 0.54 -12.90	98.29 1.62 -11.50	110.28 1.91 -12.92	115.49 1.54 -4.20	129.46 2.00 -2.44	113.66 2.30 -1.77	90.78 2.26 -1.47	75.48 0.52 -0.81	57.37 -0.12 0.47	50.83 -0.61 -0.39

HISHELDN_WT_PWR 323625	44.28 -2.58 0.00	40.54 -2.82 0.00	37.30 -2.68 0.01	35.61 -2.80 0.00	35.99 -2.71 0.00	37.47 -2.69 0.03	39.65 -2.49 0.06	26.86 -2.31 19.00	29.51 -2.16 18.57	42.98 -2.36 4.86	34.12 -2.50 19.03	35.09 -2.82 20.83	44.67 -2.94 13.72	30.35 -4.02 36.17	31.71 -4.21 40.59	46.41 -3.57 35.18	55.25 -3.82 36.38	91.56 -8.01 10.19	111.05 -8.51 5.47	106.07 -3.51 0.00	85.39 -1.66 0.00	71.30 -2.82 0.03	53.85 -2.61 1.50	45.05 -3.17 2.84
HOLTSVILLE_IC_1 23690	49.34 2.48 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.25 2.62 0.01	61.02 2.76 0.48	62.97 2.82 1.19	70.30 4.58 4.81	80.95 6.12 1.68	90.45 7.23 1.95	97.54 9.45 7.37	121.12 11.75 0.39	126.99 11.26 9.30	111.20 7.46 5.84	90.34 5.83 2.54	76.95 2.82 0.02	59.68 1.74 0.02	52.73 1.68 0.01
HOLTSVILLE_IC_10 23699	49.62 2.76 0.00	45.36 2.00 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.79 1.61 0.00	44.39 2.19 0.00	50.38 2.22 0.00	52.14 1.91 0.01	52.95 2.76 0.01	58.59 2.95 0.01	61.51 3.17 0.39	63.61 3.25 0.98	71.73 5.15 3.95	81.94 6.81 1.38	91.66 8.09 1.61	100.11 10.41 5.75	122.52 12.84 0.07	129.89 12.50 7.63	113.23 8.44 4.79	91.57 6.61 2.09	77.55 3.41 0.02	60.15 2.20 0.01	53.04 1.99 0.00
HOLTSVILLE_IC_2 23691	49.34 2.48 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.25 2.62 0.01	61.02 2.76 0.48	62.97 2.82 1.19	70.30 4.58 4.81	80.95 6.12 1.68	90.45 7.23 1.95	97.54 9.45 7.37	121.12 11.75 0.39	126.99 11.26 9.30	111.20 7.46 5.84	90.34 5.83 2.54	76.95 2.82 0.02	59.68 1.74 0.02	52.73 1.68 0.01
HOLTSVILLE_IC_3 23692	49.34 2.48 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.25 2.62 0.01	61.02 2.76 0.48	62.97 2.82 1.19	70.30 4.58 4.81	80.95 6.12 1.68	90.45 7.23 1.95	97.54 9.45 7.37	121.12 11.75 0.39	126.99 11.26 9.30	111.20 7.46 5.84	90.34 5.83 2.54	76.95 2.82 0.02	59.68 1.74 0.02	52.73 1.68 0.01
HOLTSVILLE_IC_4 23693	49.34 2.48 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.25 2.62 0.01	61.02 2.76 0.48	62.97 2.82 1.19	70.30 4.58 4.81	80.95 6.12 1.68	90.45 7.23 1.95	97.54 9.45 7.37	121.12 11.75 0.39	126.99 11.26 9.30	111.20 7.46 5.84	90.34 5.83 2.54	76.95 2.82 0.02	59.68 1.74 0.02	52.73 1.68 0.01
HOLTSVILLE_IC_5 23694	49.34 2.48 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.63 1.44 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.25 2.62 0.01	61.02 2.76 0.48	62.97 2.82 1.19	70.30 4.58 4.81	80.95 6.12 1.68	90.45 7.23 1.95	97.54 9.45 7.37	121.12 11.75 0.39	126.99 11.26 9.30	111.20 7.46 5.84	90.34 5.83 2.54	76.95 2.82 0.02	59.68 1.74 0.02	52.73 1.68 0.01
HOLTSVILLE_IC_6 23695	49.62 2.76 0.00	45.36 2.00 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.79 1.61 0.00	44.39 2.19 0.00	50.38 2.22 0.00	52.14 1.91 0.01	52.95 2.76 0.01	58.59 2.95 0.01	61.51 3.17 0.39	63.61 3.25 0.98	71.73 5.15 3.95	81.94 6.81 1.38	91.66 8.09 1.61	100.11 10.41 5.75	122.52 12.84 0.07	129.89 12.50 7.63	113.23 8.44 4.79	91.57 6.61 2.09	77.55 3.41 0.02	60.15 2.20 0.01	53.04 1.99 0.00
HOLTSVILLE_IC_7 23696	49.62 2.76 0.00	45.36 2.00 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.79 1.61 0.00	44.39 2.19 0.00	50.38 2.22 0.00	52.14 1.91 0.01	52.95 2.76 0.01	58.59 2.95 0.01	61.51 3.17 0.39	63.61 3.25 0.98	71.73 5.15 3.95	81.94 6.81 1.38	91.66 8.09 1.61	100.11 10.41 5.75	122.52 12.84 0.07	129.89 12.50 7.63	113.23 8.44 4.79	91.57 6.61 2.09	77.55 3.41 0.02	60.15 2.20 0.01	53.04 1.99 0.00
HOLTSVILLE_IC_8 23697	49.62 2.76 0.00	45.36 2.00 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.79 1.61 0.00	44.39 2.19 0.00	50.38 2.22 0.00	52.14 1.91 0.01	52.95 2.76 0.01	58.59 2.95 0.01	61.51 3.17 0.39	63.61 3.25 0.98	71.73 5.15 3.95	81.94 6.81 1.38	91.66 8.09 1.61	100.11 10.41 5.75	122.52 12.84 0.07	129.89 12.50 7.63	113.23 8.44 4.79	91.57 6.61 2.09	77.55 3.41 0.02	60.15 2.20 0.01	53.04 1.99 0.00
HOLTSVILLE_IC_9 23698	49.62 2.76 0.00	45.36 2.00 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.79 1.61 0.00	44.39 2.19 0.00	50.38 2.22 0.00	52.14 1.91 0.01	52.95 2.76 0.01	58.59 2.95 0.01	61.51 3.17 0.39	63.61 3.25 0.98	71.73 5.15 3.95	81.94 6.81 1.38	91.66 8.09 1.61	100.11 10.41 5.75	122.52 12.84 0.07	129.89 12.50 7.63	113.23 8.44 4.79	91.57 6.61 2.09	77.55 3.41 0.02	60.15 2.20 0.01	53.04 1.99 0.00
HOMER_HL_115KV_TB2 355744	44.14 -2.72 0.00	40.28 -3.08 0.00	37.18 -2.80 0.01	35.57 -2.84 0.00	35.99 -2.71 0.00	37.48 -2.69 0.01	40.87 -1.31 0.02	41.22 0.00 6.95	43.80 0.35 6.79	48.72 0.30 1.77	49.16 0.45 6.94	51.55 0.41 7.60	56.86 0.55 5.02	57.53 0.21 13.22	62.21 0.54 14.83	73.03 0.77 12.90	85.50 1.05 11.00	105.15 -0.55 4.06	120.51 -1.25 3.26	107.17 -2.41 0.00	85.83 -1.22 0.00	70.19 -3.93 0.03	52.53 -3.88 1.55	45.01 -4.29 1.75
HOWARD_WT_PWR 323690	46.03 -0.84 -0.01	42.19 -1.21 -0.04	38.66 -1.32 0.00	36.95 -1.46 0.00	37.38 -1.32 0.00	39.06 -1.17 -0.04	41.44 -0.84 -0.09	77.74 -0.53 -30.10	79.20 -0.55 -29.51	56.98 -0.90 -7.69	85.18 -0.78 -30.31	90.89 -1.06 -33.21	82.35 -0.92 -21.93	126.45 -1.83 -57.75	139.59 -1.84 -64.92	140.93 -0.77 -56.53	156.79 -0.86 -62.20	121.82 -4.06 -16.12	128.33 -3.37 -6.67	112.21 0.87 -1.75	90.58 2.09 -1.45	75.84 0.89 -0.79	57.33 0.12 0.75	52.80 -0.71 -2.47
HQ_GEN_CEDARS 23644	47.18 0.33 0.00	43.58 0.22 0.00	40.06 0.08 0.00	38.52 0.12 0.00	38.78 0.08 0.00	40.31 0.12 0.00	42.32 0.13 0.00	48.31 0.14 0.00	50.19 -0.05 0.00	50.05 -0.15 0.00	54.93 -0.72 0.00	57.80 -0.94 0.00	60.29 -1.04 0.00	69.26 -1.27 0.00	74.75 -1.76 0.00	82.61 -2.55 0.00	92.59 -2.86 0.00	106.57 -3.18 0.00	121.52 -3.50 0.00	107.06 -2.52 0.00	85.13 -1.92 0.00	73.11 -1.04 0.00	57.44 -0.52 0.00	51.00 -0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	47.19 0.33 0.00	43.58 0.22 0.00	40.06 0.08 0.00	38.53 0.12 0.00	38.78 0.08 0.00	40.25 0.16 0.10	42.42 0.13 -0.10	48.31 0.14 0.00	50.24 0.00 0.00	50.10 -0.10 0.00	54.93 -0.73 0.00	57.74 -1.00 0.00	60.23 -1.10 0.00	69.27 -1.27 0.00	74.75 -1.76 0.00	82.61 -2.55 0.00	92.59 -2.86 0.00	106.68 -3.07 0.00	121.49 -3.50 0.04	106.99 -2.63 -0.04	85.13 -1.92 0.00	73.11 -1.04 0.00	57.44 -0.52 0.00	51.10 0.05 0.00

HQ_GEN_CHPE_PROXY 323851	49.11 2.25 0.00	45.31 1.95 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.85 1.77 0.10	44.53 2.23 -0.10	50.91 2.74 0.00	53.50 3.22 -0.04	58.01 3.22 -4.60	60.42 4.06 -0.71	63.34 4.58 -0.02	66.92 4.79 -0.80	77.34 5.78 -1.02	90.33 6.89 -6.94	97.97 8.77 -4.03	130.00 10.41 -24.14	163.77 12.07 -41.94	147.73 12.88 -9.83	118.93 9.31 -0.04	93.58 6.53 0.00	78.60 4.45 0.00	60.69 2.72 0.00	53.60 2.55 0.00
HQ_GEN_IMPORT 323601	47.04 0.19 0.00	43.54 0.17 0.00	40.10 0.12 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.25 0.16 0.10	42.42 0.13 -0.10	48.31 0.14 0.00	50.34 0.10 0.00	50.30 0.10 0.00	55.59 -0.06 0.00	58.56 -0.18 0.00	61.15 -0.18 0.00	70.32 -0.21 0.00	79.97 -0.53 -3.99	79.98 -1.19 3.99	94.12 -1.34 0.00	108.33 -1.43 0.00	123.36 -1.63 0.04	108.31 -1.31 -0.04	79.98 -0.96 6.11	79.97 -0.30 -6.11	57.90 -0.06 0.00	51.21 0.15 0.00
HQ_GEN_WHEEL 23651	47.04 0.19 0.00	43.54 0.17 0.00	40.10 0.12 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.25 0.16 0.10	42.42 0.13 -0.10	48.31 0.14 0.00	50.34 0.10 0.00	50.30 0.10 0.00	55.59 -0.06 0.00	58.56 -0.18 0.00	61.15 -0.18 0.00	70.32 -0.21 0.00	79.97 -0.53 -3.99	79.98 -1.19 3.99	94.12 -1.34 0.00	108.33 -1.43 0.00	123.36 -1.63 0.04	108.31 -1.31 -0.04	79.98 -0.96 6.11	79.97 -0.30 -6.11	57.90 -0.06 0.00	51.21 0.15 0.00
HUDSON_AVE_GT_3 23810	49.25 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.11 1.93 0.00	44.56 2.36 0.00	51.10 2.94 0.00	53.75 3.47 -0.04	58.01 3.46 -4.35	60.67 4.34 -0.68	63.45 4.70 -0.02	66.92 5.03 -0.56	77.64 6.14 -0.97	90.26 7.19 -6.56	98.39 9.20 -4.03	130.68 10.98 -24.25	164.64 12.84 -42.04	148.77 13.88 -9.86	119.34 9.75 0.00	94.01 6.96 0.00	78.97 4.82 0.00	60.98 3.01 0.00	53.86 2.81 0.00
HUDSON_AVE_GT_4 23540	49.25 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.11 1.93 0.00	44.56 2.36 0.00	51.10 2.94 0.00	53.75 3.47 -0.04	58.01 3.46 -4.35	60.67 4.34 -0.68	63.45 4.70 -0.02	66.92 5.03 -0.56	77.64 6.14 -0.97	90.26 7.19 -6.56	98.39 9.20 -4.03	130.68 10.98 -24.25	164.64 12.84 -42.04	148.77 13.88 -9.86	119.34 9.75 0.00	94.01 6.96 0.00	78.97 4.82 0.00	60.98 3.01 0.00	53.86 2.81 0.00
HUDSON_AVE_GT_5 23657	49.25 2.39 0.00	45.44 2.08 0.00	41.82 1.84 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.11 1.93 0.00	44.56 2.36 0.00	51.10 2.94 0.00	53.75 3.47 -0.04	58.01 3.46 -4.35	60.67 4.34 -0.68	63.45 4.70 -0.02	66.92 5.03 -0.56	77.64 6.14 -0.97	90.26 7.19 -6.56	98.39 9.20 -4.03	130.68 10.98 -24.25	164.64 12.84 -42.04	148.77 13.88 -9.86	119.34 9.75 0.00	94.01 6.96 0.00	78.97 4.82 0.00	60.98 3.01 0.00	53.86 2.81 0.00
HUDSON_AVE_I0 24168	49.11 2.25 0.00	45.36 1.99 0.00	41.74 1.76 0.00	39.98 1.57 0.00	40.36 1.66 0.00	42.03 1.85 0.00	44.52 2.32 0.00	51.06 2.89 0.00	53.70 3.42 -0.04	57.96 3.41 -4.35	60.56 4.23 -0.68	63.34 4.58 -0.02	66.80 4.91 -0.56	77.50 6.00 -0.97	90.19 7.12 -6.56	98.22 9.03 -4.03	130.49 10.79 -24.25	164.53 12.73 -42.04	148.52 13.63 -9.86	119.23 9.64 0.00	93.92 6.88 0.00	78.82 4.67 0.00	60.92 2.96 0.00	53.81 2.76 0.00
HUDSON___115KV_TB 4 355613	48.64 1.78 0.00	45.05 1.69 0.00	41.62 1.64 0.00	39.95 1.54 0.00	40.21 1.51 0.00	41.75 1.57 0.00	43.72 1.52 0.00	49.47 1.30 0.00	51.20 0.95 0.00	50.95 0.75 0.00	56.15 0.50 0.00	59.38 0.65 0.00	62.13 0.80 0.00	71.59 1.06 0.00	77.81 1.30 0.00	87.29 2.13 0.00	75.64 3.25 23.05	94.43 3.84 19.17	129.40 4.38 0.00	113.53 3.95 0.00	90.09 3.05 0.00	75.08 2.30 1.38	50.09 1.62 9.50	52.53 1.48 0.00
HUNTER MOUNT___DRP 323613	48.92 2.06 0.00	45.31 1.95 0.00	41.86 1.88 0.00	40.18 1.77 0.00	40.40 1.70 0.00	41.95 1.77 0.00	43.88 1.69 0.00	49.56 1.40 0.00	51.20 0.95 0.00	50.90 0.70 0.00	56.15 0.50 0.00	59.44 0.70 0.00	62.19 0.86 0.00	71.73 1.20 0.00	77.96 1.45 0.00	87.55 2.38 0.00	81.71 4.01 17.75	99.71 4.72 14.76	129.90 4.88 0.00	113.97 4.38 0.00	90.44 3.39 0.00	75.91 2.82 1.06	52.65 2.03 7.34	52.84 1.79 0.00
HUNTINGTON_RES_REC 323705	49.34 2.48 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.14 1.94 0.00	50.10 1.93 0.00	51.89 1.66 0.01	52.65 2.46 0.01	58.31 2.67 0.01	61.71 2.88 -0.09	64.66 3.07 -0.26	76.55 4.94 -1.08	83.38 6.50 -0.37	93.27 7.67 -0.43	108.99 9.83 -3.71	123.62 12.07 -1.79	138.75 11.63 -2.10	118.67 7.78 -1.31	93.71 6.09 -0.57	77.04 2.89 0.00	59.64 1.68 0.00	52.63 1.58 0.00
HUNTLEY___63 23557	43.72 -3.14 0.00	39.89 -3.47 0.00	36.94 -3.04 0.01	35.34 -3.07 0.00	35.72 -2.98 0.00	37.08 -3.09 0.01	39.05 -3.12 0.02	38.33 -2.84 7.00	40.84 -2.56 6.84	45.75 -2.66 1.79	45.76 -2.89 6.99	48.03 -3.05 7.66	53.09 -3.19 5.06	52.99 -4.23 13.31	57.06 -4.51 14.94	67.94 -4.17 13.05	77.43 -4.87 13.15	97.77 -7.35 4.63	112.87 -8.63 3.53	104.32 -5.26 0.00	83.83 -3.22 0.00	69.67 -4.45 0.04	52.84 -3.36 1.76	45.37 -3.78 1.90
HUNTLEY___64 23558	43.72 -3.14 0.00	39.89 -3.47 0.00	36.94 -3.04 0.01	35.34 -3.07 0.00	35.72 -2.98 0.00	37.08 -3.09 0.01	39.05 -3.12 0.02	38.33 -2.84 7.00	40.84 -2.56 6.84	45.75 -2.66 1.79	45.76 -2.89 6.99	48.03 -3.05 7.66	53.09 -3.19 5.06	52.99 -4.23 13.31	57.06 -4.51 14.94	67.94 -4.17 13.05	77.43 -4.87 13.15	97.77 -7.35 4.63	112.87 -8.63 3.53	104.32 -5.26 0.00	83.83 -3.22 0.00	69.67 -4.45 0.04	52.84 -3.36 1.76	45.37 -3.78 1.90
HUNTLEY___65 23559	43.72 -3.14 0.00	39.89 -3.47 0.00	36.94 -3.04 0.01	35.34 -3.07 0.00	35.72 -2.98 0.00	37.08 -3.09 0.01	39.05 -3.12 0.02	38.33 -2.84 7.00	40.84 -2.56 6.84	45.75 -2.66 1.79	45.76 -2.89 6.99	48.03 -3.05 7.66	53.09 -3.19 5.06	52.99 -4.23 13.31	57.06 -4.51 14.94	67.94 -4.17 13.05	77.43 -4.87 13.15	97.77 -7.35 4.63	112.87 -8.63 3.53	104.32 -5.26 0.00	83.83 -3.22 0.00	69.67 -4.45 0.04	52.84 -3.36 1.76	45.37 -3.78 1.90
HUNTLEY___66 23560	43.72 -3.14 0.00	39.89 -3.47 0.00	36.94 -3.04 0.01	35.34 -3.07 0.00	35.72 -2.98 0.00	37.08 -3.09 0.01	39.05 -3.12 0.02	38.33 -2.84 7.00	40.84 -2.56 6.84	45.75 -2.66 1.79	45.76 -2.89 6.99	48.03 -3.05 7.66	53.09 -3.19 5.06	52.99 -4.23 13.31	57.06 -4.51 14.94	67.94 -4.17 13.05	77.43 -4.87 13.15	97.77 -7.35 4.63	112.87 -8.63 3.53	104.32 -5.26 0.00	83.83 -3.22 0.00	69.67 -4.45 0.04	52.84 -3.36 1.76	45.37 -3.78 1.90
HUNTLEY___67 23561	43.53 -3.33 0.00	39.63 -3.73 0.00	36.70 -3.28 0.01	35.11 -3.30 0.00	35.49 -3.21 0.00	36.88 -3.30 0.01	38.96 -3.21 0.02	37.42 -3.08 7.67	39.93 -2.81 7.50	45.33 -2.91 1.95	44.92 -3.12 7.61	47.05 -3.35 8.34	52.35 -3.43 5.55	51.45 -4.51 14.57	55.41 -4.74 16.35	66.67 -4.17 14.32	78.13 -4.77 12.55	98.01 -7.13 4.61	113.10 -8.25 3.68	104.43 -5.15 0.00	83.91 -3.13 0.00	69.82 -4.30 0.04	52.69 -3.54 1.74	45.15 -3.93 1.97

HUNTLEY___68 23562	43.53 -3.33 0.00	39.63 -3.73 0.00	36.70 -3.28 0.01	35.11 -3.30 0.00	35.49 -3.21 0.00	36.88 -3.30 0.01	38.96 -3.21 0.02	37.42 -3.08 7.67	39.93 -2.81 7.50	45.33 -2.91 1.95	44.92 -3.12 7.61	47.05 -3.35 8.34	52.35 -3.43 5.55	51.45 -4.51 14.57	55.41 -4.74 16.35	66.67 -4.17 14.32	78.13 -4.77 12.55	98.01 -7.13 4.61	113.10 -8.25 3.68	104.43 -5.15 0.00	83.91 -3.13 0.00	69.82 -4.30 0.04	52.69 -3.54 1.74	45.15 -3.93 1.97
HYLAND___LFGE 323620	47.84 0.99 0.00	43.84 0.48 0.00	40.26 0.28 0.01	38.45 0.04 0.00	38.93 0.23 0.00	40.66 0.44 -0.04	42.99 0.72 -0.08	75.30 0.58 -26.55	76.25 0.05 -25.96	56.33 -0.65 -6.79	81.34 -0.95 -26.64	86.49 -1.41 -29.16	79.22 -1.29 -19.18	113.63 -7.48 -50.57	125.47 -7.80 -56.76	127.75 -6.64 -49.22	142.74 -6.77 -54.06	113.93 -8.01 -12.18	120.91 -7.38 -3.26	107.28 -2.31 0.00	86.44 -0.61 0.00	78.57 4.45 0.03	59.34 2.78 1.40	53.72 1.18 -1.49
INDECK___CORINTH 23802	48.64 1.78 0.00	45.10 1.74 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.09 1.39 0.00	41.63 1.44 0.00	43.46 1.26 0.00	49.42 1.25 0.00	51.30 1.06 0.00	51.20 1.00 0.00	56.76 1.11 0.00	60.32 1.59 0.00	62.93 1.59 0.00	72.50 1.97 0.00	78.96 2.45 0.00	88.32 3.15 0.00	105.76 3.15 -7.16	119.55 3.84 -5.95	130.40 5.37 0.00	114.74 5.15 0.00	90.87 3.83 0.00	77.58 2.82 -0.61	63.99 1.80 -4.23	52.43 1.38 0.00
INDECK___ILION 23567	46.81 -0.05 0.00	43.32 -0.04 0.00	39.94 -0.04 0.00	38.37 -0.04 0.00	38.66 -0.04 0.00	40.14 -0.04 0.00	42.15 -0.04 0.00	48.12 -0.05 0.00	50.24 0.00 0.00	50.10 -0.10 0.00	55.59 -0.06 0.00	58.62 -0.12 0.00	61.21 -0.12 0.00	70.46 -0.07 0.00	76.59 0.08 0.00	85.42 0.26 0.00	95.45 0.00 0.00	109.86 0.11 0.00	125.27 0.25 0.00	109.69 0.11 0.00	87.22 0.17 0.00	74.15 0.00 0.00	58.08 0.12 0.00	51.15 0.10 0.00
INDECK___OLEAN 23982	44.14 -2.72 0.00	40.41 -2.95 0.00	37.17 -2.80 0.01	35.57 -2.84 0.00	35.99 -2.71 0.00	37.48 -2.69 0.01	40.82 -1.35 0.02	41.22 0.00 6.95	43.80 0.35 6.79	48.73 0.30 1.77	49.15 0.44 6.94	51.61 0.47 7.60	56.86 0.55 5.02	57.53 0.21 13.22	62.21 0.54 14.83	72.94 0.68 12.90	85.69 1.24 11.00	96.70 -9.00 4.06	112.26 -9.51 3.26	107.07 -2.52 0.00	85.83 -1.22 0.00	70.86 -3.26 0.03	52.58 -3.83 1.55	45.01 -4.29 1.75
INDECK___OSWEGO 23783	47.62 0.75 -0.01	43.92 0.52 -0.04	40.34 0.36 0.01	38.75 0.34 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.79 0.59 0.00	49.03 0.82 -0.04	51.41 1.06 -0.11	51.10 0.90 0.00	56.85 1.05 -0.14	59.74 0.82 -0.18	62.46 0.92 -0.21	71.07 0.07 -0.46	77.12 0.00 -0.61	86.59 0.68 -0.75	96.95 0.67 -0.82	121.53 -3.07 -14.85	140.11 -3.37 -18.46	119.72 -2.52 -12.65	95.62 -1.92 -10.48	78.14 -1.93 -5.92	60.39 -1.10 -3.53	53.76 -1.17 -3.88
INDECK___YERKES 23781	43.76 -3.09 0.00	40.11 -3.25 0.00	36.97 -3.00 0.01	35.37 -3.04 0.00	35.76 -2.94 0.00	37.20 -2.97 0.01	39.14 -3.04 0.02	38.38 -2.79 7.00	40.89 -2.51 6.84	45.80 -2.61 1.79	45.88 -2.78 6.99	48.09 -2.99 7.66	53.15 -3.13 5.06	53.06 -4.16 13.31	57.13 -4.44 14.94	67.94 -4.17 13.05	77.53 -4.77 13.15	96.13 -9.00 4.63	111.12 -10.38 3.53	104.11 -5.48 0.00	83.74 -3.31 0.00	69.89 -4.22 0.04	52.96 -3.24 1.76	45.47 -3.68 1.90
INDIAN POINT_GT_1 24139	48.68 1.83 0.00	45.05 1.69 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.05 1.86 0.00	50.33 2.17 0.00	52.85 2.61 0.00	52.69 2.56 0.07	58.98 3.34 0.01	62.44 3.70 0.00	65.32 3.99 0.00	75.39 4.87 0.01	82.22 5.81 0.10	92.79 7.66 0.04	106.23 9.26 -1.52	121.76 10.98 -1.03	136.55 11.63 0.11	117.80 8.22 0.00	92.88 5.83 0.00	78.01 3.86 0.00	60.28 2.32 0.00	53.14 2.09 0.00
INDIAN POINT_GT_2 23659	48.68 1.83 0.00	45.05 1.69 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.05 1.86 0.00	50.33 2.17 0.00	52.85 2.61 0.00	52.69 2.56 0.07	58.98 3.34 0.01	62.44 3.70 0.00	65.32 3.99 0.00	75.39 4.87 0.01	82.22 5.81 0.10	92.79 7.66 0.04	106.23 9.26 -1.52	121.76 10.98 -1.03	136.55 11.63 0.11	117.80 8.22 0.00	92.88 5.83 0.00	78.01 3.86 0.00	60.28 2.32 0.00	53.14 2.09 0.00
INDIAN POINT_GT_3 24019	48.68 1.83 0.00	45.05 1.69 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.05 1.86 0.00	50.33 2.17 0.00	52.85 2.61 0.00	52.69 2.56 0.07	58.98 3.34 0.01	62.44 3.70 0.00	65.32 3.99 0.00	75.39 4.87 0.01	82.22 5.81 0.10	92.79 7.66 0.04	106.23 9.26 -1.52	121.76 10.98 -1.03	136.55 11.63 0.11	117.80 8.22 0.00	92.88 5.83 0.00	78.01 3.86 0.00	60.28 2.32 0.00	53.14 2.09 0.00
INDIAN POINT___2 23530	48.59 1.73 0.00	44.92 1.56 0.00	41.42 1.44 0.00	39.72 1.31 0.00	40.05 1.35 0.00	41.63 1.44 0.00	43.97 1.77 0.00	50.28 2.12 0.00	52.70 2.46 0.00	52.59 2.46 0.07	58.87 3.23 0.01	62.50 3.76 0.00	65.19 3.87 0.01	75.17 4.65 0.01	82.07 5.66 0.10	92.53 7.41 0.04	105.76 8.97 -1.34	120.95 10.31 -0.88	135.92 11.00 0.10	117.58 8.00 0.00	92.70 5.65 0.00	77.79 3.63 0.00	60.16 2.20 0.00	53.04 1.99 0.00
INDIAN POINT___3 23531	48.59 1.73 0.00	44.97 1.60 0.00	41.42 1.44 0.00	39.72 1.31 0.00	40.05 1.35 0.00	41.67 1.49 0.00	43.97 1.77 0.00	50.24 2.07 0.00	52.70 2.46 0.00	52.59 2.46 0.06	58.87 3.23 0.01	62.32 3.58 0.00	65.14 3.80 0.00	75.17 4.66 0.01	82.00 5.59 0.10	92.45 7.32 0.04	105.87 8.88 -1.54	121.24 10.43 -1.06	136.05 11.13 0.10	117.36 7.78 0.00	92.62 5.57 0.00	77.79 3.63 0.00	60.17 2.20 0.00	53.04 1.99 0.00
INDIANHDD_69_KV_BK1 55831	49.53 2.67 0.00	45.27 1.91 0.00	41.54 1.56 0.00	39.75 1.34 0.00	40.13 1.43 0.00	41.79 1.61 0.00	44.26 2.07 0.00	50.24 2.07 0.00	52.10 1.86 0.00	52.90 2.71 0.01	58.98 3.34 0.01	61.60 2.88 0.01	64.56 3.25 0.02	75.75 5.22 0.01	83.31 6.81 0.01	93.34 8.18 0.00	107.55 10.31 -1.79	123.87 12.62 -1.49	137.53 12.50 0.00	117.69 8.11 0.01	93.49 6.44 0.00	77.63 3.49 0.01	59.93 1.97 0.00	52.89 1.84 0.00
INGHAM_C_115KV_TB7 356103	46.57 -0.28 0.00	43.06 -0.30 0.00	39.70 -0.28 0.00	38.14 -0.27 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.86 -0.34 0.00	47.88 -0.29 0.00	49.94 -0.30 0.00	49.80 -0.40 0.00	55.20 -0.45 0.00	58.15 -0.59 0.00	60.72 -0.61 0.00	69.90 -0.63 0.00	75.97 -0.54 0.00	84.65 -0.51 0.00	94.50 -0.95 0.00	108.77 -0.99 0.00	124.02 -1.00 0.00	108.82 -0.77 0.00	86.53 -0.52 0.00	73.56 -0.59 0.00	57.79 -0.17 0.00	50.90 -0.15 0.00
IP CORINTH___1 23988	48.87 2.01 0.00	45.31 1.95 0.00	41.78 1.80 0.00	40.02 1.61 0.00	40.29 1.59 0.00	41.83 1.65 0.00	43.67 1.48 0.00	49.66 1.49 0.00	51.60 1.36 0.00	51.50 1.31 0.00	57.04 1.39 0.00	60.56 1.82 0.00	63.24 1.90 0.00	72.93 2.40 0.00	79.34 2.83 0.00	88.83 3.66 0.00	106.28 3.63 -7.20	120.35 4.61 -5.99	130.90 5.88 0.00	115.28 5.70 0.00	91.31 4.27 0.00	77.95 3.19 -0.61	64.34 2.14 -4.23	52.74 1.68 0.00

IP___TICONDEROGA 23804	51.31 4.45 0.00	47.52 4.16 0.00	43.82 3.84 0.00	41.90 3.50 0.00	42.18 3.48 0.00	43.80 3.62 0.00	46.16 3.97 0.00	52.02 3.85 0.00	53.66 3.42 0.00	53.41 3.21 0.00	58.93 3.28 0.00	62.85 4.11 0.00	65.57 4.23 0.00	75.68 5.15 0.00	82.32 5.81 0.00	92.23 7.07 0.00	110.92 7.64 -7.83	125.93 9.66 -6.51	138.28 13.25 0.00	123.39 13.81 0.00	97.76 10.71 0.00	83.24 8.45 -0.64	68.39 6.03 -4.40	55.95 4.90 0.00
ISLIP_RES_REC 323679	49.86 3.00 0.00	45.53 2.17 0.00	41.78 1.80 0.00	39.98 1.58 0.00	40.36 1.66 0.00	41.95 1.77 0.00	44.60 2.40 0.00	50.67 2.50 0.00	52.44 2.21 0.01	53.31 3.11 0.01	59.03 3.40 0.01	62.05 3.70 0.39	64.18 3.80 0.95	72.46 5.78 3.86	82.74 7.58 1.35	92.54 8.94 1.57	101.22 11.35 5.58	123.77 14.05 0.04	131.31 13.75 7.46	114.42 9.53 4.69	92.40 7.39 2.04	78.14 4.00 0.02	60.56 2.61 0.01	53.35 2.30 0.00
JAMAICA__27_KV_LOAD 355505	49.43 2.58 0.00	45.62 2.25 0.00	41.94 1.96 0.00	40.18 1.77 0.00	40.56 1.86 0.00	42.31 2.13 0.00	44.85 2.66 0.00	51.59 3.42 0.00	54.35 4.07 -0.04	58.86 4.07 -4.59	61.06 4.73 -0.68	63.92 5.17 -0.02	67.29 5.40 -0.56	78.13 6.63 -0.97	90.95 7.88 -6.56	99.07 9.88 -4.03	131.54 11.84 -24.25	165.73 13.94 -42.04	150.02 15.13 -9.86	120.54 10.96 0.00	95.06 8.01 0.00	79.64 5.49 0.00	61.67 3.71 0.00	54.37 3.32 0.00
JANIS___SOLAR 323808	48.47 1.59 -0.02	44.74 1.30 -0.07	41.06 1.08 0.00	39.45 1.04 0.00	39.74 1.05 0.00	41.39 1.20 0.00	43.72 1.52 -0.01	52.68 1.93 -2.58	54.70 1.81 -2.65	52.09 1.26 -0.64	59.72 1.28 -2.79	62.89 1.06 -3.10	64.65 1.11 -2.21	77.61 1.41 -5.67	85.03 1.99 -6.54	94.25 2.98 -6.10	105.70 3.43 -6.82	117.07 3.51 -3.80	133.76 5.37 -3.36	118.54 6.24 -2.71	94.70 5.40 -2.25	79.04 3.63 -1.25	60.52 2.67 0.11	53.40 1.89 -0.46
JARVIS____ 23743	46.86 0.00 0.00	43.41 0.04 0.00	40.02 0.04 0.00	38.45 0.04 0.00	38.74 0.04 0.00	40.22 0.04 0.00	42.24 0.04 0.00	48.22 0.05 0.00	50.29 0.05 0.00	50.20 0.00 0.00	55.71 0.06 0.00	58.86 0.12 0.00	61.40 0.06 0.00	70.67 0.14 0.00	76.74 0.23 0.00	85.59 0.43 0.00	95.93 0.48 0.00	110.31 0.55 0.00	125.65 0.63 0.00	110.13 0.55 0.00	87.40 0.35 0.00	74.30 0.15 0.00	58.08 0.12 0.00	51.10 0.05 0.00
JENNISON___1 23625	48.56 1.69 -0.02	44.85 1.43 -0.06	41.26 1.28 0.00	39.64 1.23 0.00	39.94 1.24 0.00	41.55 1.37 0.00	43.80 1.60 0.00	51.88 2.31 -1.40	54.12 2.41 -1.46	52.60 2.06 -0.34	59.54 2.34 -1.55	62.64 2.17 -1.73	64.87 2.27 -1.27	76.64 2.89 -3.22	83.93 3.67 -3.75	93.51 4.77 -3.58	104.67 5.15 -4.06	117.40 5.49 -2.16	133.90 7.00 -1.87	117.51 6.25 -1.67	93.66 5.22 -1.39	78.33 3.41 -0.77	60.43 2.67 0.20	53.22 1.99 -0.17
JENNISON___2 23626	48.56 1.69 -0.02	44.85 1.43 -0.06	41.26 1.28 0.00	39.64 1.23 0.00	39.94 1.24 0.00	41.55 1.37 0.00	43.80 1.60 0.00	51.88 2.31 -1.40	54.12 2.41 -1.46	52.60 2.06 -0.34	59.54 2.34 -1.55	62.64 2.17 -1.73	64.87 2.27 -1.27	76.64 2.89 -3.22	83.93 3.67 -3.75	93.51 4.77 -3.58	104.67 5.15 -4.06	117.40 5.49 -2.16	133.90 7.00 -1.87	117.51 6.25 -1.67	93.66 5.22 -1.39	78.33 3.41 -0.77	60.43 2.67 0.20	53.22 1.99 -0.17
JERICHO_RISE_WT_PWR 323719	46.90 0.05 0.00	43.36 0.00 0.00	39.86 -0.12 0.00	38.33 -0.08 0.00	38.62 -0.08 0.00	40.14 -0.04 0.00	42.07 -0.13 0.00	48.02 -0.14 0.00	50.04 -0.20 0.00	50.05 -0.15 0.00	54.93 -0.73 0.00	57.68 -1.06 0.00	60.04 -1.29 0.00	68.98 -1.55 0.00	74.52 -1.99 0.00	82.36 -2.81 0.00	92.30 -3.15 0.00	106.47 -3.29 0.00	121.39 -3.63 0.00	106.63 -2.95 0.00	84.78 -2.26 0.00	72.74 -1.41 0.00	57.15 -0.81 0.00	50.95 -0.10 0.00
KATONAH___115KV_46KV_TB4 355592	49.06 2.20 0.00	45.36 1.99 0.00	41.74 1.76 0.00	40.06 1.65 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.31 2.11 0.00	50.67 2.50 0.00	53.16 2.91 0.00	53.00 2.81 0.01	59.43 3.78 0.00	62.91 4.17 0.00	65.87 4.54 0.00	76.17 5.64 0.00	83.08 6.58 0.01	94.02 8.86 0.00	108.15 10.88 -1.82	123.78 12.51 -1.51	138.03 13.00 0.00	118.90 9.31 0.00	93.66 6.62 0.00	78.68 4.52 0.00	60.74 2.78 0.00	53.50 2.45 0.00
KCE_NY_1 323755	48.97 2.11 0.00	45.40 2.04 0.00	41.90 1.92 0.00	40.14 1.73 0.00	40.44 1.74 0.00	41.95 1.77 0.00	43.93 1.73 0.00	50.04 1.88 0.00	52.00 1.76 0.00	51.91 1.71 0.00	57.54 1.89 0.00	60.97 2.23 0.00	63.66 2.33 0.00	73.28 2.75 0.00	79.72 3.21 0.00	89.25 4.09 0.00	107.91 4.49 -7.97	121.65 5.27 -6.63	131.77 6.75 0.00	115.83 6.24 0.00	91.83 4.78 0.00	78.53 3.71 -0.67	65.21 2.61 -4.63	53.25 2.19 0.00
KCE_NY_6_ESR 323823	44.05 -2.81 0.00	40.28 -3.08 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.88 -2.82 0.00	37.36 -2.81 0.01	39.68 -2.49 0.03	37.59 -2.12 8.46	40.17 -1.81 8.27	46.18 -1.86 2.16	45.26 -1.95 8.45	47.32 -2.17 9.25	53.01 -2.21 6.11	51.34 -3.10 16.09	55.24 -3.21 18.06	66.96 -2.47 15.73	78.93 -2.57 13.95	96.85 -8.01 4.89	112.68 -8.63 3.71	106.07 -3.51 0.00	85.22 -1.83 0.00	70.78 -3.34 0.03	53.27 -3.02 1.68	45.54 -3.52 1.99
KEDC_PORT_JEFF_GT2 24210	49.53 2.67 0.00	45.27 1.91 0.00	41.54 1.56 0.00	39.75 1.34 0.00	40.13 1.43 0.00	41.67 1.49 0.00	44.22 2.03 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.31 2.67 0.01	61.24 2.88 0.37	63.36 2.94 0.92	71.60 4.80 3.73	81.40 6.19 1.31	90.80 7.15 1.52	99.47 9.36 5.35	121.52 11.75 -0.01	128.93 11.12 7.22	112.28 7.23 4.53	90.73 5.65 1.97	77.18 3.04 0.02	59.92 1.97 0.01	52.88 1.84 0.00
KEDC_PORT_JEFF_GT3 24211	49.53 2.67 0.00	45.27 1.91 0.00	41.54 1.56 0.00	39.75 1.34 0.00	40.13 1.43 0.00	41.67 1.49 0.00	44.22 2.03 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.70 2.51 0.01	58.31 2.67 0.01	61.24 2.88 0.37	63.36 2.94 0.92	71.60 4.80 3.73	81.40 6.19 1.31	90.80 7.15 1.52	99.47 9.36 5.35	121.52 11.75 -0.01	128.93 11.12 7.22	112.28 7.23 4.53	90.73 5.65 1.97	77.18 3.04 0.02	59.92 1.97 0.01	52.88 1.84 0.00
KEDC_GLWD_GT4 24219	49.24 2.39 0.00	45.31 1.95 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.91 1.73 0.00	44.39 2.19 0.00	50.67 2.50 0.00	53.00 2.76 0.00	53.45 3.26 0.01	59.70 4.06 0.01	63.19 4.46 0.01	65.87 4.54 0.01	76.31 5.78 0.01	83.62 7.12 0.01	93.86 8.69 0.00	107.53 10.41 -1.67	123.43 12.29 -1.39	137.52 12.50 0.00	118.57 8.99 0.00	93.84 6.79 0.00	78.15 4.00 0.00	60.75 2.78 -0.01	53.51 2.45 -0.01
KEDC_GLWD_GT5 24220	49.24 2.39 0.00	45.31 1.95 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.29 1.59 0.00	41.91 1.73 0.00	44.39 2.19 0.00	50.67 2.50 0.00	53.00 2.76 0.00	53.45 3.26 0.01	59.70 4.06 0.01	63.19 4.46 0.01	65.87 4.54 0.01	76.31 5.78 0.01	83.62 7.12 0.01	93.86 8.69 0.00	107.53 10.41 -1.67	123.43 12.29 -1.39	137.52 12.50 0.00	118.57 8.99 0.00	93.84 6.79 0.00	78.15 4.00 0.00	60.75 2.78 -0.01	53.51 2.45 -0.01

KENSICO____ 23655	48.82 1.97 0.00	45.14 1.78 0.00	41.58 1.60 0.00	39.87 1.46 0.00	40.21 1.51 0.00	41.83 1.65 0.00	44.18 1.98 0.00	50.53 2.36 0.00	53.01 2.76 0.00	52.96 2.76 0.00	59.21 3.56 0.00	62.67 3.94 0.00	65.58 4.23 -0.01	75.68 5.15 0.00	82.71 6.20 0.00	93.17 8.01 0.00	106.88 9.64 -1.79	122.66 11.41 -1.49	137.15 12.13 0.00	118.13 8.55 0.00	93.23 6.18 0.00	78.31 4.15 0.00	60.45 2.49 0.00	53.30 2.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.01 2.16 0.00	45.31 1.95 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.32 1.63 0.00	41.99 1.81 0.00	44.22 2.03 0.00	50.58 2.41 0.00	53.01 2.76 0.00	52.96 2.76 0.00	59.21 3.56 0.00	62.61 3.88 0.00	65.50 4.17 0.00	75.75 5.22 0.00	82.78 6.27 0.00	93.43 8.26 0.00	105.76 10.31 0.00	121.61 11.85 0.00	137.90 12.88 0.00	119.23 9.64 0.00	94.19 7.14 0.11	78.86 4.82 0.00	60.43 3.25 0.78	53.76 2.71 0.00
KIAC_JFK_GT1 23816	49.15 2.30 0.00	45.36 1.99 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.32 1.63 0.00	42.07 1.89 0.00	44.60 2.41 0.00	51.30 3.13 0.00	54.05 3.77 -0.04	58.51 3.71 -4.59	60.67 4.34 -0.68	63.51 4.76 -0.02	66.61 4.72 -0.56	77.43 5.92 -0.97	90.11 7.04 -6.56	98.14 8.94 -4.03	130.40 10.69 -24.25	164.42 12.62 -42.04	148.52 13.63 -9.86	119.12 9.53 0.00	94.01 6.96 0.00	78.82 4.67 0.00	61.27 3.30 0.00	54.01 2.96 0.00
KIAC_JFK_GT2 23817	49.15 2.30 0.00	45.36 1.99 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.32 1.63 0.00	42.07 1.89 0.00	44.60 2.41 0.00	51.30 3.13 0.00	54.05 3.77 -0.04	58.51 3.71 -4.59	60.67 4.34 -0.68	63.51 4.76 -0.02	66.61 4.72 -0.56	77.43 5.92 -0.97	90.11 7.04 -6.56	98.14 8.94 -4.03	130.40 10.69 -24.25	164.42 12.62 -42.04	148.52 13.63 -9.86	119.12 9.53 0.00	94.01 6.96 0.00	78.82 4.67 0.00	61.27 3.30 0.00	54.01 2.96 0.00
KIAC_JFK____ 323774	49.15 2.30 0.00	45.36 2.00 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.32 1.63 0.00	41.99 1.81 0.00	44.60 2.40 0.00	51.30 3.13 0.00	54.00 3.72 -0.04	58.51 3.71 -4.59	60.67 4.34 -0.68	63.57 4.82 -0.02	66.97 4.84 -0.80	77.43 5.93 -0.97	90.11 7.03 -6.57	98.13 8.94 -4.03	130.28 10.69 -24.14	164.10 12.40 -41.94	148.27 13.38 -9.86	119.33 9.75 0.00	94.01 6.97 0.00	78.75 4.60 0.00	61.21 3.24 0.00	53.96 2.91 0.00
KINTIGH_24_KV_GSU 356498	43.76 -3.09 0.00	40.06 -3.30 0.00	36.97 -3.00 0.01	35.41 -3.00 0.00	35.76 -2.94 0.00	37.21 -2.97 0.01	39.02 -3.17 0.01	40.14 -3.42 4.60	42.52 -3.22 4.50	45.71 -3.31 1.18	47.46 -3.56 4.63	49.86 -3.82 5.06	54.08 -3.93 3.32	56.82 -4.94 8.77	61.45 -5.21 9.85	71.84 -4.77 8.56	80.13 -5.44 9.89	99.21 -6.70 3.85	114.01 -7.75 3.26	104.88 -4.71 0.00	84.18 -2.87 0.00	70.78 -3.34 0.04	53.40 -2.61 1.95	46.20 -3.06 1.79
KINTIGH____ 23543	43.76 -3.09 0.00	39.98 -3.38 0.00	36.97 -3.00 0.01	35.41 -3.00 0.00	35.76 -2.94 0.00	37.16 -3.01 0.01	38.98 -3.21 0.01	40.14 -3.42 4.60	42.52 -3.22 4.50	45.71 -3.31 1.18	47.41 -3.62 4.63	49.91 -3.76 5.06	54.08 -3.93 3.32	56.82 -4.94 8.77	61.46 -5.20 9.85	71.84 -4.77 8.56	80.12 -5.44 9.89	98.33 -7.57 3.85	113.26 -8.50 3.26	104.98 -4.60 0.00	84.18 -2.87 0.00	70.78 -3.34 0.04	53.34 -2.67 1.95	46.15 -3.11 1.79
KNTFSRNC_46_KV_46KV_LOAD 80397	47.65 0.80 0.00	43.97 0.61 0.00	40.30 0.32 0.00	38.79 0.38 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.70 0.51 0.00	48.65 0.48 0.00	50.59 0.35 0.00	50.65 0.45 0.00	55.26 -0.39 0.00	58.21 -0.53 0.00	60.48 -0.86 0.00	69.05 -1.48 0.00	74.60 -1.91 0.00	82.61 -2.55 0.00	92.78 -2.67 0.00	107.12 -2.63 0.00	122.15 -2.88 0.00	108.05 -1.53 0.00	85.83 -1.22 0.00	73.56 -0.59 0.00	57.85 -0.12 0.00	51.61 0.56 0.00
LACHUTE____HYDRO 323717	51.31 4.45 0.00	47.57 4.20 0.00	43.82 3.84 0.00	41.90 3.49 0.00	42.18 3.48 0.00	43.80 3.62 0.00	46.16 3.97 0.00	52.02 3.85 0.00	53.61 3.37 0.00	53.41 3.22 0.00	58.93 3.28 0.00	62.91 4.17 0.00	65.63 4.29 0.00	75.68 5.15 0.00	82.32 5.81 0.00	92.23 7.06 0.00	110.88 7.64 -7.79	125.67 9.44 -6.48	138.41 13.38 0.00	123.39 13.81 0.00	97.75 10.70 0.00	83.31 8.52 -0.64	68.39 6.03 -4.40	55.90 4.85 0.00
LAWRNCV_115KV_TB1 80681	46.95 0.09 0.00	43.41 0.04 0.00	39.82 -0.16 0.00	38.33 -0.08 0.00	38.58 -0.12 0.00	40.10 -0.08 0.00	42.11 -0.08 0.00	48.12 -0.05 0.00	49.99 -0.25 0.00	49.60 -0.60 0.00	54.26 -1.39 0.00	56.92 -1.82 0.00	59.31 -2.02 0.00	68.13 -2.40 0.00	73.60 -2.91 0.00	81.25 -3.92 0.00	91.06 -4.39 0.00	104.82 -4.94 0.00	119.52 -5.50 0.00	105.64 -3.95 0.00	84.00 -3.05 0.00	72.15 -2.00 0.00	56.86 -1.10 0.00	50.59 -0.46 0.00
LEDERLE____ 23769	48.73 1.87 0.00	45.10 1.73 0.00	41.54 1.56 0.00	39.87 1.46 0.00	40.17 1.47 0.00	41.79 1.61 0.00	44.14 1.94 0.00	50.38 2.22 0.00	52.90 2.66 0.00	52.76 2.61 0.05	59.15 3.51 0.01	62.61 3.88 0.00	65.44 4.11 0.00	75.53 5.01 0.01	82.40 5.97 0.08	93.00 7.84 0.00	106.66 9.55 -1.66	122.22 11.09 -1.38	136.78 11.75 0.00	118.02 8.44 0.00	93.14 6.09 0.00	78.08 3.93 0.00	60.45 2.49 0.00	53.30 2.25 0.00
LIGHTHSE_115KV_TB6 355974	47.56 0.70 0.00	43.84 0.48 0.00	40.30 0.32 0.01	38.76 0.35 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.74 0.55 0.00	49.08 0.92 0.00	51.30 1.06 0.00	50.95 0.75 0.00	56.43 0.78 0.00	59.15 0.41 0.00	61.70 0.37 0.00	70.74 0.21 0.00	76.74 0.23 0.00	86.02 0.85 0.00	96.31 0.86 0.00	109.23 -0.88 -0.35	125.23 -0.38 -0.58	110.02 0.44 0.00	87.66 0.61 0.00	74.24 0.07 -0.01	58.72 0.29 -0.47	51.38 0.00 -0.33
LINDEN COGEN____ 23786	48.87 2.01 0.00	45.14 1.78 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.75 1.57 0.00	44.22 2.03 0.00	50.72 2.55 0.00	53.34 3.07 -0.04	57.66 3.11 -4.35	60.16 3.84 -0.68	63.10 4.35 -0.02	66.63 4.54 -0.76	77.01 5.51 -0.97	89.27 6.50 -6.26	97.63 8.43 -4.03	129.61 10.02 -24.14	163.33 11.63 -41.94	147.51 12.62 -9.86	118.67 9.09 0.00	93.32 6.27 0.00	78.23 4.08 0.00	60.51 2.55 0.00	53.50 2.45 0.00
LINDHRST_69_KV_BK1 356055	50.04 3.19 0.00	45.79 2.43 0.00	41.98 2.00 0.00	40.21 1.81 0.00	40.60 1.90 0.00	42.27 2.09 0.00	44.81 2.62 0.00	51.10 2.94 0.00	53.15 2.91 0.00	53.91 3.71 0.01	60.26 4.62 0.01	62.98 4.35 0.10	65.92 4.85 0.26	76.49 6.91 0.96	84.89 8.72 0.34	95.00 10.22 0.39	107.86 12.41 0.00	125.93 15.04 -1.14	138.56 15.38 1.84	119.27 10.85 1.16	95.16 8.62 0.50	79.33 5.19 0.01	61.26 3.30 0.00	53.91 2.86 0.00
LIPA_MISC_IPP 23656	49.39 2.53 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.64 1.23 0.00	40.05 1.35 0.00	41.67 1.49 0.00	44.31 2.11 0.00	50.19 2.02 0.00	51.95 1.71 0.00	52.70 2.51 0.01	58.64 3.01 0.01	60.63 2.35 0.46	62.81 2.64 1.16	70.41 4.51 4.64	81.01 6.12 1.62	90.77 7.49 1.89	98.16 9.64 6.93	121.60 12.07 0.23	127.93 11.88 8.97	111.51 7.56 5.63	90.69 6.09 2.45	77.62 3.49 0.02	59.74 1.80 0.02	52.73 1.68 0.00

LISF___SOLAR 323691	49.48 2.62 0.00	45.23 1.86 0.00	41.46 1.48 0.00	39.72 1.31 0.00	40.09 1.39 0.00	41.67 1.49 0.00	44.39 2.19 0.00	50.28 2.12 0.00	51.99 1.76 0.01	52.75 2.56 0.01	58.20 2.56 0.01	61.11 2.82 0.45	62.99 2.76 1.11	70.63 4.58 4.49	81.22 6.28 1.57	90.92 7.58 1.82	98.62 9.93 6.76	121.89 12.40 0.27	128.35 12.00 8.67	112.24 8.11 5.45	91.12 6.44 2.37	77.39 3.26 0.02	59.92 1.97 0.02	52.83 1.79 0.01
LITTLE FALLS___HYD 24013	46.57 -0.28 0.00	43.06 -0.30 0.00	39.70 -0.28 0.00	38.14 -0.27 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.86 -0.34 0.00	47.88 -0.29 0.00	49.94 -0.30 0.00	49.80 -0.40 0.00	55.20 -0.45 0.00	58.15 -0.59 0.00	60.72 -0.61 0.00	69.90 -0.63 0.00	75.97 -0.54 0.00	84.65 -0.51 0.00	94.50 -0.95 0.00	108.77 -0.99 0.00	124.02 -1.00 0.00	108.82 -0.77 0.00	86.53 -0.52 0.00	73.56 -0.59 0.00	57.79 -0.17 0.00	50.90 -0.15 0.00
LITTLRIV__115KV_TB1 356100	47.51 0.66 0.00	43.88 0.52 0.00	40.26 0.28 0.00	38.79 0.38 0.00	39.01 0.31 0.00	40.59 0.40 0.00	42.58 0.38 0.00	48.65 0.48 0.00	50.39 0.15 0.00	49.90 -0.30 0.00	54.48 -1.17 0.00	57.09 -1.64 0.00	59.49 -1.84 0.00	68.42 -2.12 0.00	73.91 -2.60 0.00	81.59 -3.58 0.00	91.54 -3.91 0.00	105.36 -4.39 0.00	120.52 -4.50 0.00	106.63 -2.96 0.00	84.96 -2.09 0.00	72.97 -1.19 0.00	57.56 -0.41 0.00	51.20 0.15 0.00
LI_NEWBRDGE___DRP 323616	48.92 2.06 0.00	44.92 1.56 0.00	41.22 1.24 0.00	39.48 1.08 0.00	39.86 1.16 0.00	41.51 1.33 0.00	43.93 1.73 0.00	50.00 1.83 0.00	52.15 1.91 0.00	52.95 2.76 0.01	59.09 3.45 0.01	61.78 3.05 0.02	64.68 3.37 0.02	75.68 5.15 0.01	83.08 6.58 0.01	92.91 7.75 0.01	106.59 9.35 -1.79	122.44 11.19 -1.49	136.28 11.25 0.00	116.81 7.23 0.01	93.23 6.18 0.00	77.19 3.04 0.01	59.75 1.80 0.01	52.78 1.74 0.01
LOCKPORT__115KV_TB60_63_64 80432	43.20 -3.65 0.00	39.33 -4.03 0.00	36.42 -3.56 0.01	34.84 -3.57 0.00	35.22 -3.48 0.00	36.76 -3.42 0.01	38.59 -3.59 0.02	38.93 -3.13 6.10	41.41 -2.86 5.97	45.62 -3.01 1.57	46.30 -3.23 6.12	48.57 -3.47 6.70	53.12 -3.80 4.41	53.98 -4.94 11.61	58.12 -5.36 13.03	68.96 -4.85 11.35	77.03 -5.73 12.70	96.84 -8.45 4.46	112.00 -9.63 3.40	102.90 -6.68 0.00	82.70 -4.35 0.00	68.93 -5.19 0.04	51.99 -4.17 1.80	44.72 -4.49 1.84
LOCKPORT___CC1 323769	43.25 -3.61 0.00	39.50 -3.86 0.00	36.45 -3.52 0.01	34.88 -3.53 0.00	35.25 -3.44 0.00	36.68 -3.50 0.01	38.67 -3.50 0.02	38.48 -3.18 6.50	40.92 -2.96 6.36	45.47 -3.06 1.67	45.79 -3.34 6.53	48.01 -3.58 7.14	52.58 -4.05 4.70	53.00 -5.15 12.38	56.87 -5.74 13.90	67.93 -5.20 12.04	76.32 -5.92 13.21	94.51 -10.64 4.60	109.56 -12.00 3.46	102.46 -7.12 0.00	82.43 -4.62 0.00	68.92 -5.19 0.04	51.94 -4.23 1.79	44.59 -4.59 1.87
LOCKPORT___CC2 323770	43.25 -3.61 0.00	39.50 -3.86 0.00	36.45 -3.52 0.01	34.88 -3.53 0.00	35.25 -3.44 0.00	36.68 -3.50 0.01	38.67 -3.50 0.02	38.48 -3.18 6.50	40.92 -2.96 6.36	45.47 -3.06 1.67	45.79 -3.34 6.53	48.01 -3.58 7.14	52.58 -4.05 4.70	53.00 -5.15 12.38	56.87 -5.74 13.90	67.93 -5.20 12.04	76.32 -5.92 13.21	94.51 -10.64 4.60	109.56 -12.00 3.46	102.46 -7.12 0.00	82.43 -4.62 0.00	68.92 -5.19 0.04	51.94 -4.23 1.79	44.59 -4.59 1.87
LOCKPORT___CC3 323771	43.25 -3.61 0.00	39.50 -3.86 0.00	36.45 -3.52 0.01	34.88 -3.53 0.00	35.25 -3.44 0.00	36.68 -3.50 0.01	38.67 -3.50 0.02	38.48 -3.18 6.50	40.92 -2.96 6.36	45.47 -3.06 1.67	45.79 -3.34 6.53	48.01 -3.58 7.14	52.58 -4.05 4.70	53.00 -5.15 12.38	56.87 -5.74 13.90	67.93 -5.20 12.04	76.32 -5.92 13.21	94.51 -10.64 4.60	109.56 -12.00 3.46	102.46 -7.12 0.00	82.43 -4.62 0.00	68.92 -5.19 0.04	51.94 -4.23 1.79	44.59 -4.59 1.87
LOCUSVLY_69_KV_BK2 55797	49.43 2.58 0.00	45.40 2.04 0.00	41.70 1.72 0.00	39.95 1.54 0.00	40.32 1.63 0.00	41.99 1.81 0.00	44.43 2.24 0.00	50.67 2.50 0.00	52.90 2.66 0.00	53.50 3.31 0.01	59.87 4.23 0.01	63.00 4.17 -0.09	66.04 4.48 -0.23	77.75 6.21 -1.01	84.51 7.65 -0.35	94.86 9.28 -0.41	110.32 11.17 -3.70	124.90 13.28 -1.86	140.49 13.50 -1.97	120.13 9.31 -1.23	94.90 7.31 -0.54	78.38 4.23 0.00	60.64 2.67 -0.01	53.46 2.40 0.00
LONG_LAKE_PHOENIX 24014	47.15 0.28 -0.01	43.48 0.09 -0.03	39.98 0.00 0.01	38.41 0.00 0.00	38.74 0.04 0.00	40.26 0.08 0.00	42.41 0.21 0.00	48.54 0.34 -0.03	50.88 0.55 -0.08	50.65 0.45 0.00	56.31 0.56 -0.11	59.28 0.41 -0.13	61.92 0.43 -0.16	71.02 0.14 -0.34	77.19 0.23 -0.46	86.57 0.85 -0.56	96.92 0.86 -0.61	109.89 -1.76 -1.89	125.97 -1.75 -2.69	109.35 -1.10 -0.86	87.07 -0.70 -0.72	73.54 -1.04 -0.43	58.56 -0.81 -1.40	51.11 -1.02 -1.08
LOVETT___3 23632	48.45 1.59 0.00	44.88 1.52 0.00	41.34 1.36 0.00	39.68 1.27 0.00	40.01 1.32 0.00	41.59 1.41 0.00	43.93 1.73 0.00	50.14 1.97 0.00	52.60 2.36 0.00	52.45 2.31 0.06	58.76 3.12 0.01	62.20 3.47 0.00	64.95 3.62 0.00	74.97 4.44 0.01	81.78 5.36 0.08	92.23 7.07 0.00	105.73 8.59 -1.69	121.26 10.10 -1.40	135.78 10.75 0.00	117.04 7.45 0.00	92.45 5.40 0.00	77.56 3.41 0.00	60.05 2.09 0.00	52.99 1.94 0.00
LOVETT___4 23642	48.45 1.59 0.00	44.88 1.52 0.00	41.34 1.36 0.00	39.68 1.27 0.00	40.01 1.32 0.00	41.59 1.41 0.00	43.93 1.73 0.00	50.14 1.97 0.00	52.60 2.36 0.00	52.45 2.31 0.06	58.76 3.12 0.01	62.20 3.47 0.00	64.95 3.62 0.00	74.97 4.44 0.01	81.78 5.36 0.08	92.23 7.07 0.00	105.73 8.59 -1.69	121.26 10.10 -1.40	135.78 10.75 0.00	117.04 7.45 0.00	92.45 5.40 0.00	77.56 3.41 0.00	60.05 2.09 0.00	52.99 1.94 0.00
LOVETT___5 23593	48.45 1.59 0.00	44.88 1.52 0.00	41.34 1.36 0.00	39.68 1.27 0.00	40.01 1.32 0.00	41.59 1.41 0.00	43.93 1.73 0.00	50.14 1.97 0.00	52.60 2.36 0.00	52.45 2.31 0.06	58.76 3.12 0.01	62.20 3.47 0.00	64.95 3.62 0.00	74.97 4.44 0.01	81.78 5.36 0.08	92.23 7.07 0.00	105.73 8.59 -1.69	121.26 10.10 -1.40	135.78 10.75 0.00	117.04 7.45 0.00	92.45 5.40 0.00	77.56 3.41 0.00	60.05 2.09 0.00	52.99 1.94 0.00
LOWER RAQUET___HYD 24057	46.90 0.05 0.00	43.32 -0.04 0.00	39.78 -0.20 0.00	38.29 -0.11 0.00	38.54 -0.15 0.00	40.10 -0.08 0.00	42.07 -0.13 0.00	48.12 -0.05 0.00	49.99 -0.25 0.00	49.50 -0.70 0.00	54.03 -1.62 0.00	56.51 -2.23 0.00	58.94 -2.39 0.00	67.78 -2.75 0.00	73.22 -3.29 0.00	80.82 -4.34 0.00	90.59 -4.86 0.00	104.38 -5.38 0.00	119.15 -5.87 0.00	104.99 -4.60 0.00	83.65 -3.40 0.00	71.85 -2.30 0.00	56.69 -1.28 0.00	50.59 -0.46 0.00
LOWER___HUDSON 24059	48.31 1.45 0.00	44.75 1.39 0.00	41.34 1.36 0.00	39.68 1.27 0.00	39.97 1.28 0.00	41.47 1.29 0.00	43.55 1.35 0.00	49.56 1.40 0.00	51.55 1.30 0.00	51.50 1.30 0.00	57.15 1.50 0.00	60.44 1.70 0.00	63.17 1.84 0.00	72.58 2.05 0.00	78.88 2.37 0.00	88.32 3.15 0.00	112.07 3.53 -13.08	124.58 3.95 -10.88	129.90 4.87 0.00	113.85 4.27 0.00	90.36 3.31 0.00	77.81 2.59 -1.06	67.13 1.85 -7.32	52.58 1.53 0.00

LOWVILLE_115KV_TB2 356335	47.61 0.75 0.00	43.93 0.56 0.00	40.46 0.48 0.00	38.95 0.54 0.00	39.16 0.46 0.00	40.79 0.60 0.00	42.96 0.76 0.00	49.71 1.54 0.00	52.00 1.76 0.00	51.35 1.15 0.00	56.60 0.95 0.00	59.03 0.29 0.00	61.40 0.06 0.00	70.67 0.14 0.00	76.43 -0.08 0.00	85.08 -0.09 0.00	94.78 -0.67 0.00	108.44 -1.32 0.00	124.40 -0.63 0.00	110.24 0.66 0.00	87.92 0.87 0.00	74.67 0.52 0.00	58.89 0.93 0.00	51.82 0.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.92 2.06 0.00	45.36 1.99 0.00	41.86 1.88 0.00	40.14 1.73 0.00	40.40 1.70 0.00	41.95 1.77 0.00	43.93 1.73 0.00	50.05 1.88 0.00	52.00 1.76 0.00	51.85 1.66 0.00	57.49 1.84 0.00	60.91 2.17 0.00	63.60 2.27 0.00	73.21 2.68 0.00	79.65 3.14 0.00	89.17 4.00 -8.01	107.85 4.39 -6.66	121.68 5.27 0.00	131.53 6.50 0.00	115.72 6.14 0.00	91.75 4.70 0.00	78.46 3.63 -0.67	65.20 2.61 -4.63	53.25 2.20 0.00
LUTHERNY_35_KV_BK2 355980	48.96 2.11 0.00	45.40 2.04 0.00	41.90 1.92 0.00	40.14 1.73 0.00	40.44 1.74 0.00	41.99 1.81 0.00	43.93 1.73 0.00	50.05 1.88 0.00	52.00 1.76 0.00	51.90 1.71 0.00	57.49 1.84 0.00	60.97 2.23 0.00	63.66 2.33 0.00	73.28 2.75 0.00	79.72 3.21 0.00	89.25 4.09 0.00	107.95 4.49 -8.01	121.79 5.38 -6.66	131.65 6.63 0.00	115.83 6.25 0.00	91.84 4.79 0.00	78.53 3.71 -0.67	65.26 2.67 -4.63	53.25 2.20 0.00
LWR__OSWEGATCHIE_HYD 23850	47.28 0.42 0.00	43.67 0.30 0.00	40.10 0.12 0.00	38.60 0.19 0.00	38.85 0.15 0.00	40.43 0.24 0.00	42.53 0.34 0.00	48.89 0.72 0.00	50.95 0.70 0.00	50.35 0.15 0.00	55.26 -0.39 0.00	57.74 -1.00 0.00	60.11 -1.23 0.00	69.12 -1.41 0.00	74.75 -1.76 0.00	82.87 -2.30 0.00	92.68 -2.77 0.00	106.24 -3.51 0.00	121.65 -3.38 0.00	107.61 -1.97 0.00	85.83 -1.22 0.00	73.26 -0.89 0.00	57.85 -0.12 0.00	51.15 0.10 0.00
LYONS_FALL_HYD 23570	47.65 0.80 0.00	44.01 0.65 0.00	40.50 0.52 0.00	38.95 0.54 0.00	39.20 0.50 0.00	40.83 0.64 0.00	42.96 0.76 0.00	49.51 1.35 0.00	51.75 1.51 0.00	51.25 1.06 0.00	56.65 1.00 0.00	59.27 0.53 0.00	61.70 0.37 0.00	71.09 0.56 0.00	77.12 0.61 0.00	85.93 0.76 0.00	95.93 0.48 0.00	111.21 0.00 -1.46	127.52 0.75 -1.74	112.42 1.42 -1.41	89.61 1.39 -1.17	75.70 0.89 -0.65	59.14 1.04 -0.13	52.17 0.87 -0.25
MADISON__COUNTY_LFGE 323628	47.84 0.98 0.00	44.19 0.82 0.00	40.70 0.72 0.00	39.10 0.69 0.00	39.36 0.66 0.00	40.95 0.76 0.00	43.04 0.84 0.00	49.37 1.20 0.00	51.55 1.31 0.00	51.20 1.00 0.00	56.76 1.11 0.00	59.68 0.94 0.00	62.32 0.98 0.00	71.87 1.34 0.00	78.12 1.61 0.00	87.29 2.13 0.00	97.74 2.29 0.00	111.88 2.41 0.29	127.80 3.25 0.47	112.76 3.18 0.00	89.75 2.70 0.00	76.00 1.85 0.01	59.14 1.56 0.39	51.96 1.17 0.27
MALONE__115KV_TB1 356076	47.23 0.37 0.00	43.62 0.26 0.00	40.02 0.04 0.00	38.52 0.12 0.00	38.78 0.08 0.00	40.35 0.16 0.00	42.41 0.21 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.30 0.10 0.00	55.04 -0.61 0.00	57.92 -0.82 0.00	60.29 -1.04 0.00	69.12 -1.41 0.00	74.67 -1.84 0.00	82.52 -2.64 0.00	92.59 -2.86 0.00	106.79 -2.96 0.00	121.65 -3.38 0.00	107.50 -2.08 0.00	85.39 -1.65 0.00	73.26 -0.89 0.00	57.50 -0.46 0.00	51.15 0.10 0.00
MAPLEWOD_115KV_TB3 80458	48.12 1.27 0.00	44.62 1.26 0.00	41.22 1.24 0.00	39.56 1.15 0.00	39.82 1.12 0.00	41.35 1.17 0.00	43.38 1.18 0.00	49.32 1.16 0.00	51.35 1.11 0.00	51.25 1.05 0.00	56.76 1.11 0.00	60.15 1.41 0.00	62.81 1.47 0.00	72.30 1.76 0.00	78.65 2.14 0.00	87.98 2.81 0.00	112.64 3.25 -13.94	124.97 3.62 -11.59	129.40 4.38 0.00	113.31 3.73 0.00	89.83 2.79 0.00	77.35 2.08 -1.12	67.16 1.45 -7.75	52.33 1.28 0.00
MAPLE_RIDGE_WT_1 323574	46.25 -0.61 0.00	42.84 -0.52 0.00	39.50 -0.48 0.00	37.99 -0.42 0.00	38.27 -0.42 0.00	39.74 -0.44 0.00	41.77 -0.42 0.00	47.69 -0.48 0.00	49.79 -0.45 0.00	49.75 -0.45 0.00	54.98 -0.67 0.00	57.97 -0.77 0.00	60.48 -0.86 0.00	69.48 -1.06 0.00	75.21 -1.30 0.00	83.54 -1.62 0.00	93.64 -1.82 0.00	107.89 -1.87 0.00	123.15 -1.87 0.00	108.16 -1.43 0.00	86.01 -1.04 0.00	73.27 -0.89 0.00	57.33 -0.64 0.00	50.54 -0.51 0.00
MAPLE_RIDGE_WT_2 323611	46.25 -0.61 0.00	42.84 -0.52 0.00	39.50 -0.48 0.00	37.99 -0.42 0.00	38.27 -0.42 0.00	39.74 -0.44 0.00	41.77 -0.42 0.00	47.69 -0.48 0.00	49.79 -0.45 0.00	49.75 -0.45 0.00	54.98 -0.67 0.00	57.97 -0.77 0.00	60.48 -0.86 0.00	69.48 -1.06 0.00	75.21 -1.30 0.00	83.54 -1.62 0.00	93.64 -1.82 0.00	107.89 -1.87 0.00	123.15 -1.87 0.00	108.16 -1.43 0.00	86.01 -1.04 0.00	73.27 -0.89 0.00	57.33 -0.64 0.00	50.54 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	46.95 0.09 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.37 -0.04 0.00	38.66 -0.04 0.00	40.18 0.00 0.00	42.11 -0.08 0.00	48.07 -0.10 0.00	50.09 -0.15 0.00	50.05 -0.15 0.00	54.93 -0.73 0.00	57.62 -1.12 0.00	60.04 -1.29 0.00	68.98 -1.55 0.00	74.52 -1.99 0.00	82.36 -2.81 0.00	92.30 -3.15 0.00	106.47 -3.29 0.00	121.28 -3.75 0.00	106.52 -3.07 0.00	84.78 -2.26 0.00	72.67 -1.48 0.00	57.15 -0.81 0.00	51.00 -0.05 0.00
MARSHVLE_115KV_TB1 80742	50.09 3.23 0.00	46.40 3.04 0.00	42.78 2.80 0.00	40.98 2.57 0.00	41.33 2.63 0.00	42.92 2.73 0.00	44.73 2.53 0.00	50.58 2.41 0.00	52.30 2.06 0.00	51.90 1.71 0.00	57.38 1.73 0.00	60.62 1.88 0.00	63.24 1.90 0.00	72.93 2.40 0.00	79.72 3.21 0.00	89.76 4.60 0.00	104.59 5.35 -3.79	119.60 6.70 -3.15	134.40 9.38 0.00	118.90 9.31 0.00	94.71 7.66 0.00	80.35 5.86 -0.34	64.74 4.46 -2.31	54.68 3.62 0.00
MARSH_HILL_WT_PWR 323713	45.93 -0.94 -0.01	42.14 -1.26 -0.04	38.62 -1.36 0.01	36.91 -1.50 0.00	37.34 -1.36 0.00	39.03 -1.20 -0.05	41.41 -0.89 -0.10	80.23 -0.63 -32.69	81.67 -0.60 -32.03	57.59 -0.96 -8.35	87.66 -0.89 -32.90	93.66 -1.12 -36.04	84.14 -0.98 -23.79	131.21 -1.97 -62.65	144.93 -1.99 -70.41	145.52 -0.93 -61.29	161.80 -1.05 -67.40	122.76 -4.28 -17.29	128.29 -3.75 -7.01	111.91 0.66 -1.66	90.34 1.91 -1.38	75.65 0.74 -0.75	57.16 0.00 0.80	52.90 -0.82 -2.67
MCINTYRE_115KV_TB2 80467	47.89 1.03 0.00	44.23 0.87 0.00	40.58 0.60 0.00	39.06 0.65 0.00	39.32 0.62 0.00	40.87 0.68 0.00	42.87 0.68 0.00	48.89 0.72 0.00	50.49 0.25 0.00	50.10 -0.10 0.00	54.70 -0.95 0.00	57.39 -1.35 0.00	59.80 -1.53 0.00	68.77 -1.76 0.00	74.37 -2.14 0.00	82.10 -3.07 0.00	92.11 -3.34 0.00	106.24 -3.51 0.00	121.65 -3.38 0.00	107.61 -1.97 0.00	85.74 -1.31 0.00	73.71 -0.44 0.00	58.08 0.12 0.00	51.66 0.61 0.00
MECO____69_KV_BK1 80468	50.42 3.56 0.00	46.70 3.34 0.00	43.06 3.08 0.00	41.25 2.84 0.00	41.56 2.86 0.00	43.20 3.01 0.00	45.02 2.83 0.00	50.96 2.79 0.00	52.55 2.31 0.00	52.06 1.86 0.00	57.43 1.78 0.00	60.74 2.00 0.00	63.36 2.02 0.00	73.07 2.54 0.00	79.88 3.37 0.00	89.85 4.68 0.00	105.07 5.54 -4.08	120.39 7.24 -3.39	135.40 10.38 0.00	120.10 10.52 0.00	95.58 8.53 0.00	81.04 6.53 -0.36	65.33 4.87 -2.50	54.98 3.93 0.00

MENANDS__115KV_TB5 355628	47.84 0.98 0.00	44.36 1.00 0.00	40.98 1.00 0.00	39.33 0.92 0.00	39.63 0.93 0.00	41.15 0.96 0.00	43.17 0.97 0.00	49.03 0.87 0.00	51.10 0.85 0.00	50.95 0.75 0.00	56.48 0.83 0.00	59.80 1.06 0.00	62.50 1.17 0.00	71.87 1.34 0.00	78.12 1.61 0.00	87.46 2.30 0.00	109.85 2.58 -11.82	122.44 2.85 -9.83	128.40 3.38 0.00	112.32 2.74 0.00	89.14 2.09 0.00	76.62 1.48 -0.99	65.76 0.99 -6.82	51.97 0.92 0.00
MG INDUSTRY__DRP 24185	47.98 1.12 0.00	44.49 1.13 0.00	41.14 1.16 0.00	39.48 1.08 0.00	39.74 1.04 0.00	41.23 1.04 0.00	43.17 0.97 0.00	48.94 0.77 0.00	49.94 -0.30 0.00	49.75 -0.45 0.00	55.09 -0.56 0.00	58.27 -0.47 0.00	60.84 -0.49 0.00	70.04 -0.49 0.00	76.13 -0.38 0.00	85.25 0.09 0.00	79.25 0.29 16.49	96.37 0.33 13.72	125.65 0.63 0.00	109.91 0.33 0.00	87.40 0.35 0.00	73.26 0.07 0.97	51.22 -0.06 6.68	51.97 0.92 0.00
MID__OSWEGATCHIE_HYD 23849	47.28 0.42 0.00	43.67 0.30 0.00	40.10 0.12 0.00	38.60 0.19 0.00	38.85 0.15 0.00	40.43 0.24 0.00	42.53 0.34 0.00	48.89 0.72 0.00	50.95 0.70 0.00	50.35 0.15 0.00	55.26 -0.39 0.00	57.74 -1.00 0.00	60.11 -1.23 0.00	69.12 -1.41 0.00	74.75 -1.76 0.00	82.87 -2.30 0.00	92.68 -2.77 0.00	106.24 -3.51 0.00	121.65 -3.38 0.00	107.61 -1.97 0.00	85.83 -1.22 0.00	73.26 -0.89 0.00	57.85 -0.12 0.00	51.15 0.10 0.00
MID__RAQUETTE_HYD 23851	46.90 0.05 0.00	43.32 -0.04 0.00	39.78 -0.20 0.00	38.29 -0.12 0.00	38.54 -0.15 0.00	40.06 -0.12 0.00	42.07 -0.13 0.00	48.07 -0.10 0.00	49.94 -0.30 0.00	49.45 -0.75 0.00	54.04 -1.61 0.00	56.62 -2.11 0.00	59.00 -2.33 0.00	67.78 -2.75 0.00	73.22 -3.29 0.00	80.82 -4.34 0.00	90.58 -4.87 0.00	104.27 -5.49 0.00	119.02 -6.00 0.00	105.09 -4.49 0.00	83.65 -3.39 0.00	71.85 -2.30 0.00	56.69 -1.28 0.00	50.49 -0.56 0.00
MILLIKEN__1 23584	47.54 0.66 -0.03	43.89 0.43 -0.09	40.30 0.32 0.00	38.68 0.27 0.00	39.01 0.31 0.00	40.55 0.36 0.00	42.80 0.59 -0.01	51.84 0.82 -2.86	54.05 0.85 -2.96	51.61 0.70 -0.70	59.60 0.83 -3.11	62.91 0.70 -3.47	64.63 0.80 -2.50	77.90 0.99 -6.38	85.11 1.22 -7.38	94.15 2.04 -6.94	105.45 2.29 -7.70	116.47 2.63 -4.08	132.26 3.63 -3.61	116.14 3.73 -2.83	92.70 3.31 -2.34	77.46 2.00 -1.31	59.19 1.28 0.05	52.31 0.71 -0.54
MILLIKEN__2 23585	47.54 0.66 -0.03	43.89 0.43 -0.09	40.30 0.32 0.00	38.68 0.27 0.00	39.01 0.31 0.00	40.55 0.36 0.00	42.80 0.59 -0.01	51.84 0.82 -2.86	54.05 0.85 -2.96	51.61 0.70 -0.70	59.60 0.83 -3.11	62.91 0.70 -3.47	64.63 0.80 -2.50	77.90 0.99 -6.38	85.11 1.22 -7.38	94.15 2.04 -6.94	105.45 2.29 -7.70	116.47 2.63 -4.08	132.26 3.63 -3.61	116.14 3.73 -2.83	92.70 3.31 -2.34	77.46 2.00 -1.31	59.19 1.28 0.05	52.31 0.71 -0.54
MILLIKEN__DIESEL 23629	47.54 0.66 -0.03	43.89 0.43 -0.09	40.30 0.32 0.00	38.68 0.27 0.00	39.01 0.31 0.00	40.55 0.36 0.00	42.80 0.59 -0.01	51.84 0.82 -2.86	54.05 0.85 -2.96	51.61 0.70 -0.70	59.60 0.83 -3.11	62.91 0.70 -3.47	64.63 0.80 -2.50	77.90 0.99 -6.38	85.11 1.22 -7.38	94.15 2.04 -6.94	105.45 2.29 -7.70	116.47 2.63 -4.08	132.26 3.63 -3.61	116.14 3.73 -2.83	92.70 3.31 -2.34	77.46 2.00 -1.31	59.19 1.28 0.05	52.31 0.71 -0.54
MILLSEAT__LFGE 323607	44.33 -2.53 0.00	40.59 -2.78 0.00	37.38 -2.60 0.01	35.76 -2.65 0.00	36.14 -2.56 0.00	37.65 -2.53 0.01	39.73 -2.45 0.02	40.90 -1.98 5.29	43.41 -1.66 5.17	47.03 -1.81 1.36	48.34 -2.00 5.31	50.82 -2.11 5.81	55.12 -2.39 3.82	57.15 -3.31 10.07	61.54 -3.67 11.30	72.59 -2.73 9.84	81.24 -3.15 11.06	98.87 -6.80 4.08	114.38 -7.38 3.27	106.40 -3.18 0.00	85.39 -1.66 0.00	71.45 -2.67 0.04	53.76 -2.38 1.83	46.16 -3.12 1.78
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.73 1.87 0.00	45.05 1.69 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.09 1.90 0.00	50.38 2.22 0.00	52.90 2.66 0.00	52.74 2.61 0.07	59.04 3.39 0.01	62.50 3.76 0.00	65.32 3.99 0.00	75.46 4.94 0.01	82.30 5.89 0.10	92.87 7.75 0.04	106.25 9.26 -1.54	121.77 10.98 -1.04	136.54 11.63 0.11	117.80 8.22 0.00	92.97 5.92 0.00	78.01 3.86 0.00	60.34 2.38 0.00	53.20 2.14 0.00
MILLWOOD_13_KV_LOAD 356217	48.87 2.01 0.00	45.18 1.82 0.00	41.62 1.64 0.00	39.91 1.50 0.00	40.25 1.55 0.00	41.87 1.69 0.00	44.22 2.03 0.00	50.53 2.36 0.00	53.01 2.76 0.00	52.84 2.71 0.07	59.20 3.56 0.01	62.67 3.94 0.00	65.57 4.23 0.00	75.74 5.22 0.01	82.60 6.20 0.10	93.30 8.18 0.04	106.91 9.93 -1.54	122.54 11.74 -1.04	137.17 12.25 0.11	118.35 8.77 0.00	93.32 6.27 0.00	78.31 4.15 0.00	60.51 2.55 0.00	53.35 2.30 0.00
MODEL_CITY_ENERGY 24167	42.64 -4.22 0.00	38.98 -4.38 0.00	35.98 -4.00 0.01	34.41 -4.00 0.00	34.79 -3.91 0.00	36.20 -3.98 0.01	38.12 -4.05 0.02	38.22 -3.56 6.38	40.68 -3.32 6.24	45.09 -3.46 1.64	45.51 -3.73 6.41	47.73 -4.00 7.02	52.49 -4.23 4.61	52.95 -5.43 12.15	57.06 -5.82 13.63	67.94 -5.28 11.94	75.24 -6.20 14.01	93.60 -11.42 4.74	108.58 -13.01 3.44	101.59 -8.00 0.00	81.74 -5.31 0.00	68.33 -5.78 0.04	51.48 -4.69 1.79	44.24 -4.95 1.86
MODERN_LFGE__ 323580	42.64 -4.22 0.00	38.98 -4.38 0.00	35.98 -4.00 0.01	34.41 -4.00 0.00	34.79 -3.91 0.00	36.20 -3.98 0.01	38.12 -4.05 0.02	38.22 -3.56 6.38	40.68 -3.32 6.24	45.09 -3.46 1.64	45.51 -3.73 6.41	47.73 -4.00 7.02	52.49 -4.23 4.61	52.95 -5.43 12.15	57.06 -5.82 13.63	67.94 -5.28 11.94	75.24 -6.20 14.01	93.60 -11.42 4.74	108.58 -13.01 3.44	101.59 -8.00 0.00	81.74 -5.31 0.00	68.33 -5.78 0.04	51.48 -4.69 1.79	44.24 -4.95 1.86
MOHAWK_PAPER__DRP 24187	48.12 1.27 0.00	44.62 1.26 0.00	41.22 1.24 0.00	39.56 1.15 0.00	39.82 1.12 0.00	41.35 1.17 0.00	43.38 1.18 0.00	49.32 1.16 0.00	51.35 1.11 0.00	51.25 1.05 0.00	56.76 1.11 0.00	60.15 1.41 0.00	62.81 1.47 0.00	72.30 1.76 0.00	78.65 2.14 0.00	87.98 2.81 0.00	112.64 3.25 -13.94	124.97 3.62 -11.59	129.40 4.38 0.00	113.31 3.73 0.00	89.83 2.79 0.00	77.35 2.08 -1.12	67.16 1.45 -7.75	52.33 1.28 0.00
MOHICAN__35_KV_115KV_LD 80490	49.25 2.39 0.00	45.62 2.25 0.00	42.10 2.12 0.00	40.33 1.92 0.00	40.60 1.90 0.00	42.15 1.97 0.00	44.09 1.90 0.00	50.14 1.97 0.00	52.00 1.76 0.00	51.85 1.66 0.00	57.43 1.78 0.00	60.97 2.23 0.00	63.66 2.33 0.00	73.35 2.82 0.00	79.88 3.37 0.00	89.34 4.17 0.00	107.67 4.39 -7.83	121.64 5.38 -6.51	132.15 7.13 0.00	116.49 6.90 0.00	92.36 5.31 0.00	78.88 4.08 -0.65	65.24 2.78 -4.50	53.30 2.25 0.00
MONGAUP__HYD 23641	48.78 1.92 0.00	45.10 1.74 0.00	41.58 1.60 0.00	39.91 1.50 0.00	40.17 1.47 0.00	41.75 1.57 0.00	44.01 1.81 0.00	50.14 1.98 0.00	53.26 3.01 0.00	52.13 1.96 0.03	58.09 2.45 0.00	61.56 2.82 0.00	64.40 3.07 0.00	74.33 3.81 0.01	81.21 4.75 0.04	91.63 6.47 0.00	104.88 8.11 -1.32	119.64 8.78 -1.10	134.78 9.76 0.00	117.25 7.67 0.00	93.23 6.18 0.00	78.15 4.00 0.00	60.57 2.61 0.00	53.30 2.24 0.00

MONTAUK___DIESEL 23721	48.92 2.06 0.00	44.58 1.21 0.00	40.86 0.88 0.00	39.10 0.69 0.00	39.51 0.81 0.00	41.15 0.96 0.00	43.88 1.69 0.00	50.14 1.97 0.00	52.15 1.91 0.00	53.15 2.96 0.01	59.64 4.01 0.01	61.92 3.64 0.46	63.99 3.80 1.15	71.66 5.71 4.59	82.63 7.73 1.60	92.93 9.62 1.86	100.94 12.31 6.83	124.48 14.93 0.21	131.04 14.88 8.86	113.99 9.97 5.57	92.29 7.66 2.42	78.95 4.82 0.02	60.55 2.61 0.02	53.24 2.20 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.14 -2.72 0.00	40.33 -3.04 0.00	37.10 -2.88 0.01	35.26 -3.15 0.00	35.64 -3.06 0.00	37.04 -3.13 0.01	39.68 -2.49 0.02	38.68 -1.54 7.95	41.32 -1.16 7.77	47.06 -1.10 2.03	46.44 -1.28 7.93	48.29 -1.76 8.69	53.75 -1.84 5.74	52.74 -2.68 15.12	56.79 -2.75 16.96	68.18 -2.21 14.77	80.12 -2.20 13.14	101.06 -4.06 4.63	117.99 -3.50 3.54	108.16 -1.42 0.00	86.96 -0.09 0.00	71.45 -2.67 0.03	53.74 -2.61 1.62	45.79 -3.37 1.89
MORRIS_RIDGE___SOLAR 323848	45.31 -1.55 0.00	41.54 -1.82 0.00	38.18 -1.80 0.01	36.45 -1.96 0.00	36.88 -1.82 0.00	38.37 -1.77 0.05	40.54 -1.56 0.10	14.29 -1.49 32.39	17.07 -1.51 31.67	40.16 -1.76 8.28	21.35 -1.84 32.46	21.09 -2.11 35.54	35.85 -2.09 23.40	5.76 -3.10 61.68	4.15 -3.14 69.22	22.66 -2.47 60.03	28.87 -2.57 64.01	88.00 -6.04 15.72	112.70 -5.87 6.45	109.26 -1.31 -0.98	88.04 0.17 -0.81	73.54 -1.04 -0.43	55.54 -1.28 1.15	45.39 -1.94 3.73
MORTIMER_115KV_TB3 55949	45.31 -1.55 0.00	41.50 -1.86 0.00	38.29 -1.68 0.01	36.68 -1.73 0.00	37.03 -1.66 0.00	38.49 -1.69 0.00	40.46 -1.73 0.00	44.93 -1.83 1.40	47.36 -1.51 1.37	48.33 -1.51 0.36	52.63 -1.61 1.41	55.55 -1.64 1.54	58.66 -1.66 1.01	65.46 -2.40 2.67	70.98 -2.52 3.00	80.74 -1.79 2.63	90.48 -2.00 2.97	104.61 -2.96 2.18	119.11 -3.25 2.66	108.93 -0.66 0.00	86.96 -0.09 0.00	73.45 -0.67 0.04	55.32 -0.70 1.94	48.13 -1.43 1.49
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.11 2.25 0.00	45.36 1.99 0.00	41.74 1.76 0.00	39.98 1.57 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.43 2.24 0.00	50.86 2.70 0.00	53.50 3.22 -0.04	58.50 3.16 -5.14	60.46 4.01 -0.80	63.16 4.41 -0.02	66.72 4.72 -0.67	77.39 5.71 -1.15	91.07 6.81 -7.75	97.89 8.69 -4.04	130.13 10.40 -24.28	163.99 12.18 -42.05	148.02 13.13 -9.86	118.79 9.21 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.60 2.55 0.00
MUNSVILLE_WIND_PWR 323609	49.55 2.67 -0.02	45.72 2.30 -0.06	42.02 2.04 0.00	40.41 2.00 0.00	40.63 1.93 0.00	42.36 2.17 0.00	44.73 2.53 -0.01	53.62 3.47 -1.99	55.76 3.46 -2.06	53.50 2.81 -0.49	60.88 3.06 -2.17	63.91 2.76 -2.41	65.84 2.76 -1.74	78.57 3.60 -4.44	86.16 4.51 -5.14	95.87 5.87 -4.83	107.19 6.30 -5.44	119.01 6.14 -3.11	136.30 8.51 -2.77	120.78 8.87 -2.32	96.37 7.39 -1.92	80.49 5.27 -1.07	62.05 4.23 0.14	54.66 3.27 -0.34
N SALMON___HYD 24042	47.23 0.37 0.00	43.62 0.26 0.00	40.02 0.04 0.00	38.53 0.12 0.00	38.78 0.08 0.00	40.35 0.16 0.00	42.37 0.17 0.00	48.41 0.24 0.00	50.39 0.15 0.00	50.30 0.10 0.00	55.04 -0.61 0.00	57.74 -1.00 0.00	60.17 -1.17 0.00	69.12 -1.41 0.00	74.67 -1.84 0.00	82.52 -2.64 0.00	92.59 -2.86 0.00	106.90 -2.85 0.00	121.77 -3.25 0.00	107.28 -2.31 0.00	85.39 -1.66 0.00	73.27 -0.89 0.00	57.50 -0.47 0.00	51.21 0.15 0.00
N.AKRON__115KV_KNAPP 355671	44.23 -2.62 0.00	40.33 -3.04 0.00	37.29 -2.68 0.01	35.64 -2.77 0.00	36.07 -2.63 0.00	37.65 -2.53 0.01	39.56 -2.62 0.02	40.62 -2.07 5.47	43.13 -1.76 5.35	46.89 -1.91 1.41	48.05 -2.11 5.49	50.50 -2.23 6.01	54.93 -2.45 3.95	56.66 -3.46 10.42	61.07 -3.75 11.69	72.00 -2.98 10.18	80.49 -3.53 11.43	99.99 -5.60 4.16	115.48 -6.25 3.30	106.08 -3.51 0.00	85.13 -1.92 0.00	71.08 -3.04 0.04	53.53 -2.61 1.82	46.04 -3.22 1.79
N.BELMOR_69_KV_BK1 55787	49.43 2.58 0.00	45.36 1.99 0.00	41.62 1.64 0.00	39.87 1.46 0.00	40.25 1.55 0.00	41.91 1.73 0.00	44.35 2.15 0.00	50.58 2.41 0.00	52.75 2.51 0.00	53.50 3.31 0.01	59.81 4.17 0.01	62.66 3.94 0.01	65.60 4.29 0.02	76.73 6.21 0.01	84.31 7.80 0.01	94.03 8.86 -0.01	107.93 10.69 -1.79	124.08 12.84 -1.49	138.03 13.00 0.00	118.45 8.88 0.01	94.27 7.22 0.00	78.45 4.30 0.01	60.70 2.72 -0.01	53.46 2.40 -0.01
N.E._GEN_SANDY PD 24062	48.17 1.31 0.00	44.62 1.26 0.00	41.26 1.28 0.00	39.56 1.15 0.00	39.90 1.20 0.00	41.29 1.20 0.10	43.65 1.35 -0.10	49.66 1.49 0.00	51.75 1.51 0.00	51.65 1.46 0.00	57.48 1.83 0.00	60.79 2.05 0.00	63.54 2.20 0.00	73.00 2.47 0.00	79.42 2.91 0.00	89.08 3.92 0.00	106.38 4.58 -6.35	120.09 5.05 -5.28	130.62 5.63 0.04	114.01 4.39 -0.04	90.36 3.31 0.00	77.30 2.44 -0.70	64.50 1.68 -4.86	52.53 1.48 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.54 1.69 0.00	44.97 1.60 0.00	41.42 1.44 0.00	39.72 1.31 0.00	40.05 1.35 0.00	41.67 1.49 0.00	43.97 1.77 0.00	50.19 2.02 0.00	52.70 2.46 0.00	52.55 2.41 0.05	58.87 3.23 0.01	62.38 3.64 0.00	65.14 3.80 0.00	75.18 4.66 0.01	82.09 5.66 0.08	92.57 7.41 0.00	106.10 8.97 -1.67	121.68 10.54 -1.39	136.28 11.25 0.00	117.47 7.89 0.00	92.71 5.66 0.00	77.79 3.63 0.00	60.22 2.26 0.00	53.09 2.04 0.00
N.QUEENS_27_KV_LOAD 356247	49.53 2.67 -0.01	45.71 2.34 -0.01	41.99 2.00 -0.01	40.22 1.81 -0.01	40.64 1.93 -0.01	42.24 2.05 -0.01	44.60 2.41 0.00	51.01 2.84 0.00	53.80 3.52 -0.04	58.15 3.36 -4.58	60.70 4.34 -0.71	63.45 4.70 -0.02	66.91 4.97 -0.61	77.54 6.00 -1.02	90.56 7.12 -6.94	98.23 9.03 -4.03	130.41 10.69 -24.26	164.20 12.40 -42.04	148.39 13.50 -9.86	119.89 10.30 -0.01	94.45 7.40 0.00	79.28 5.12 -0.01	61.22 3.25 -0.01	53.97 2.91 -0.01
N.TROY___115KV_TB1 355778	48.31 1.45 0.00	44.75 1.39 0.00	41.34 1.36 0.00	39.68 1.27 0.00	39.98 1.28 0.00	41.51 1.33 0.00	43.55 1.35 0.00	49.56 1.40 0.00	51.60 1.36 0.00	51.50 1.31 0.00	57.10 1.45 0.00	60.44 1.70 0.00	63.11 1.78 0.00	72.58 2.05 0.00	78.88 2.37 0.00	88.32 3.15 0.00	112.11 3.53 -13.13	124.73 4.06 -10.92	129.77 4.75 0.00	113.75 4.16 0.00	90.36 3.31 0.00	77.81 2.60 -1.06	67.13 1.85 -7.32	52.63 1.58 0.00
NARROWS_GT1_1 24228	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT1_2 24229	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01

NARROWS_GT1_3 24230	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT1_4 24231	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT1_5 24232	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT1_6 24233	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT1_7 24234	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT1_8 24235	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_1 24236	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_2 24237	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_3 24238	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_4 24239	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_5 24240	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_6 24241	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_7 24242	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NARROWS_GT2_8 24243	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.49 9.28 -4.04	130.76 11.16 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.92 2.06 0.00	45.31 1.95 0.00	41.86 1.88 0.00	40.18 1.77 0.00	40.40 1.70 0.00	41.95 1.77 0.00	43.88 1.69 0.00	49.56 1.40 0.00	51.20 0.95 0.00	50.90 0.70 0.00	56.15 0.50 0.00	59.44 0.70 0.00	62.19 0.86 0.00	71.73 1.20 0.00	77.96 1.45 0.00	87.55 2.38 0.00	81.71 4.01 17.75	99.71 4.72 14.76	129.90 4.88 0.00	113.97 4.38 0.00	90.44 3.39 0.00	75.91 2.82 1.06	52.65 2.03 7.34	52.84 1.79 0.00

NCHELSEA_115KV_TR2 355582	49.06 2.20 0.00	45.36 1.99 0.00	41.78 1.80 0.00	40.10 1.69 0.00	40.40 1.70 0.00	42.03 1.85 0.00	44.31 2.11 0.00	50.62 2.46 0.00	53.11 2.86 0.00	52.96 2.76 0.00	59.27 3.62 0.00	62.73 3.99 0.00	65.63 4.29 0.00	75.89 5.36 0.00	82.78 6.27 0.00	93.51 8.35 0.00	106.95 10.02 -1.47	122.51 11.52 -1.23	137.28 12.25 0.00	118.57 8.99 0.00	93.58 6.53 0.00	78.53 4.38 0.00	60.80 2.84 0.00	53.55 2.50 0.00
NEG CAPITAL___MECHNVIL 23645	49.06 2.20 0.00	45.44 2.08 0.00	41.94 1.96 0.00	40.22 1.81 0.00	40.48 1.78 0.00	42.03 1.85 0.00	44.01 1.81 0.00	50.19 2.02 0.00	52.15 1.91 0.00	52.06 1.86 0.00	57.71 2.06 0.00	61.20 2.47 0.00	63.91 2.58 0.00	73.56 3.03 0.00	80.03 3.52 0.00	89.51 4.34 0.00	109.62 4.77 -9.40	123.17 5.59 -7.82	132.02 7.00 0.00	116.16 6.57 0.00	92.09 5.05 0.00	78.86 3.93 -0.78	66.14 2.78 -5.39	53.35 2.30 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.80 -2.06 0.00	41.15 -2.21 0.00	37.89 -2.08 0.01	36.33 -2.07 0.00	36.68 -2.01 0.00	38.17 -2.01 0.00	40.13 -2.07 0.00	44.62 -2.31 1.24	47.02 -2.01 1.21	47.82 -2.06 0.32	52.23 -2.17 1.25	55.08 -2.29 1.36	58.11 -2.33 0.90	65.21 -2.96 2.36	70.72 -3.14 2.65	80.30 -2.55 2.31	89.94 -2.86 2.65	104.71 -3.07 1.97	119.10 -3.50 2.42	107.61 -1.97 0.00	85.83 -1.22 0.00	72.56 -1.56 0.04	54.79 -1.39 1.78	47.76 -1.94 1.36
NEG CENTRAL___DRP 24199	47.45 0.56 -0.04	43.69 0.22 -0.11	40.06 0.08 0.00	38.45 0.04 0.00	38.82 0.12 0.00	40.39 0.20 -0.01	42.72 0.51 -0.02	54.95 0.77 -6.01	57.22 0.90 -6.07	52.46 0.75 -1.51	62.92 0.95 -6.33	66.55 0.82 -6.99	67.18 0.98 -4.87	84.16 1.06 -12.57	92.19 1.30 -14.38	100.66 2.38 -13.11	112.67 2.77 -14.45	119.20 2.96 -6.48	134.34 4.00 -5.31	117.28 4.27 -3.42	93.71 3.83 -2.83	77.96 2.22 -1.59	59.62 1.33 -0.32	52.82 0.61 -1.15
NEG CENTRAL___INDECK 23768	47.14 0.28 0.00	43.15 -0.22 0.00	39.65 -0.32 0.01	37.91 -0.50 0.00	38.35 -0.35 0.00	40.06 -0.16 -0.04	42.36 0.08 -0.08	74.94 0.10 -26.68	76.33 0.00 -26.08	56.62 -0.40 -6.82	81.97 -0.45 -26.77	87.34 -0.70 -29.30	80.05 -0.55 -19.27	117.25 -4.09 -50.81	129.26 -4.28 -57.03	131.47 -3.15 -49.46	146.62 -3.15 -54.32	117.39 -4.61 -12.24	124.19 -4.12 -3.29	109.37 -0.22 0.00	87.83 0.78 0.00	77.01 2.89 0.03	58.25 1.68 1.40	52.96 0.41 -1.51
NEG CENTRAL___SENECA 23627	48.01 1.12 -0.03	44.11 0.65 -0.09	40.46 0.48 0.00	38.79 0.38 0.00	39.16 0.46 0.00	40.84 0.64 -0.01	43.32 1.10 -0.03	59.27 1.49 -9.61	61.46 1.66 -9.56	54.04 1.41 -2.43	67.21 1.67 -9.89	71.15 1.53 -10.89	70.50 1.78 -7.38	91.69 1.90 -19.25	100.64 2.30 -21.83	108.30 3.66 -19.47	121.22 4.30 -21.48	121.86 4.61 -7.49	135.96 6.00 -4.93	118.83 6.36 -2.89	95.01 5.57 -2.39	78.90 3.41 -1.33	59.99 2.09 0.06	53.34 1.12 -1.16
NEG CENTRAL___STATE_STREET 24147	46.89 0.00 -0.04	43.30 -0.17 -0.12	39.74 -0.24 0.00	38.18 -0.23 0.00	38.51 -0.19 0.00	40.07 -0.12 0.00	42.24 0.04 -0.01	50.32 0.10 -2.05	52.70 0.25 -2.21	50.89 0.20 -0.49	58.35 0.33 -2.36	61.63 0.23 -2.66	63.73 0.37 -2.03	75.89 0.28 -5.08	82.94 0.46 -5.97	92.21 1.19 -5.85	103.28 1.43 -6.40	115.79 1.43 -4.61	131.73 2.00 -4.71	115.63 2.52 -3.53	92.24 2.26 -2.92	77.05 1.26 -1.64	58.99 0.70 -0.33	52.01 0.15 -0.81
NEG MILLWOOD___DRP 24198	49.29 2.44 0.00	45.53 2.17 0.00	41.94 1.96 0.00	40.25 1.84 0.00	40.52 1.82 0.00	42.19 2.01 0.00	44.52 2.32 0.00	50.86 2.70 0.00	53.36 3.12 0.00	53.16 2.96 0.00	59.60 3.95 0.00	63.14 4.41 0.00	66.12 4.78 0.00	76.53 6.00 0.00	83.47 6.96 0.00	94.53 9.37 0.00	108.67 11.55 -1.67	124.43 13.28 -1.39	138.78 13.75 0.00	119.56 9.97 0.00	94.19 7.14 0.00	79.05 4.89 0.00	61.09 3.13 0.00	53.76 2.71 0.00
NEG NORTH_FLCN_SEA 23793	47.42 0.56 0.00	43.80 0.43 0.00	40.26 0.28 0.00	38.76 0.35 0.00	39.01 0.31 0.00	40.51 0.32 0.00	42.58 0.38 0.00	48.55 0.39 0.00	50.59 0.35 0.00	50.60 0.40 0.00	55.04 -0.61 0.00	57.80 -0.94 0.00	59.62 -1.72 0.00	68.06 -2.47 0.00	73.53 -2.98 0.00	81.25 -3.92 0.00	91.16 -4.30 0.00	105.04 -4.72 0.00	119.65 -5.38 0.00	105.42 -4.16 0.00	83.74 -3.31 0.00	71.85 -2.30 0.00	56.98 -0.99 0.00	51.41 0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	47.00 0.14 0.00	43.41 0.04 0.00	39.90 -0.08 0.00	38.41 0.00 0.00	38.70 0.00 0.00	40.18 0.00 0.00	42.15 -0.04 0.00	48.07 -0.10 0.00	50.04 -0.20 0.00	50.00 -0.20 0.00	54.87 -0.78 0.00	57.80 -0.94 0.00	60.11 -1.23 0.00	68.91 -1.62 0.00	74.44 -2.07 0.00	82.27 -2.90 0.00	92.30 -3.15 0.00	106.46 -3.29 0.00	121.40 -3.63 0.00	106.95 -2.63 0.00	85.05 -2.00 0.00	72.89 -1.26 0.00	57.32 -0.64 0.00	51.00 -0.05 0.00
NEG NORTH___ALICE_FALLS 23915	47.65 0.80 0.00	43.97 0.61 0.00	40.30 0.32 0.00	38.79 0.38 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.70 0.51 0.00	48.65 0.48 0.00	50.59 0.35 0.00	50.65 0.45 0.00	55.26 -0.39 0.00	58.21 -0.53 0.00	60.48 -0.86 0.00	69.05 -1.48 0.00	74.60 -1.91 0.00	82.61 -2.55 0.00	92.78 -2.67 0.00	107.12 -2.63 0.00	122.15 -2.88 0.00	108.05 -1.53 0.00	85.83 -1.22 0.00	73.56 -0.59 0.00	57.85 -0.12 0.00	51.61 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	47.65 0.80 0.00	43.97 0.61 0.00	40.30 0.32 0.00	38.79 0.38 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.70 0.51 0.00	48.65 0.48 0.00	50.59 0.35 0.00	50.65 0.45 0.00	55.26 -0.39 0.00	58.21 -0.53 0.00	60.48 -0.86 0.00	69.05 -1.48 0.00	74.60 -1.91 0.00	82.61 -2.55 0.00	92.78 -2.67 0.00	107.12 -2.63 0.00	122.15 -2.88 0.00	108.05 -1.53 0.00	85.83 -1.22 0.00	73.56 -0.59 0.00	57.85 -0.12 0.00	51.61 0.56 0.00
NEG NORTH___PLATTSBURG 23628	47.65 0.80 0.00	43.97 0.61 0.00	40.30 0.32 0.00	38.79 0.38 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.66 0.47 0.00	48.65 0.48 0.00	50.64 0.40 0.00	50.65 0.45 0.00	55.26 -0.39 0.00	57.92 -0.82 0.00	60.23 -1.10 0.00	69.05 -1.48 0.00	74.60 -1.91 0.00	82.61 -2.55 0.00	92.78 -2.67 0.00	107.23 -2.52 0.00	122.27 -2.75 0.00	107.94 -1.64 0.00	85.83 -1.22 0.00	73.56 -0.60 0.00	57.85 -0.12 0.00	51.71 0.66 0.00
NEG WEST_LEA_LOCKPORT 23791	43.25 -3.61 0.00	39.37 -3.99 0.00	36.46 -3.52 0.01	34.88 -3.53 0.00	35.25 -3.44 0.00	36.76 -3.42 0.01	38.63 -3.54 0.02	38.48 -3.18 6.50	40.97 -2.91 6.36	45.47 -3.06 1.67	45.79 -3.34 6.53	48.07 -3.52 7.14	52.65 -3.99 4.70	53.00 -5.15 12.38	56.87 -5.74 13.90	67.84 -5.28 12.04	76.13 -6.11 13.21	96.27 -8.89 4.60	111.31 -10.25 3.46	102.57 -7.01 0.00	82.43 -4.61 0.00	68.70 -5.41 0.04	51.88 -4.29 1.79	44.59 -4.59 1.87
NEG WEST___LANCASTR 23811	43.95 -2.91 0.00	40.07 -3.30 0.00	37.06 -2.92 0.01	35.41 -3.00 0.00	35.80 -2.90 0.00	37.28 -2.89 0.01	40.61 -1.56 0.02	40.32 -0.34 7.51	42.95 0.05 7.34	48.28 0.00 1.92	48.26 0.11 7.50	50.64 0.12 8.21	56.09 0.18 5.43	55.96 -0.28 14.29	60.32 -0.15 16.03	72.05 0.85 13.96	85.80 0.95 10.61	104.89 -0.77 4.10	119.70 -1.88 3.45	106.41 -3.18 0.00	85.31 -1.74 0.00	69.23 -4.89 0.03	51.89 -4.46 1.61	44.40 -4.80 1.85

NEG_PENN_ALLEGHNY 23528	46.97 0.09 -0.02	43.34 -0.09 -0.07	39.90 -0.08 0.00	38.29 -0.11 0.00	38.62 -0.08 0.00	40.11 -0.08 0.00	42.41 0.21 0.00	49.89 0.48 -1.24	52.21 0.65 -1.32	51.10 0.60 -0.30	57.90 0.84 -1.41	61.20 0.88 -1.58	63.51 0.98 -1.20	74.66 1.13 -3.00	81.57 1.53 -3.53	90.91 2.30 -3.45	102.01 2.58 -3.98	113.74 1.42 -2.56	129.15 1.75 -2.38	114.52 2.74 -2.20	91.30 2.43 -1.82	76.28 1.11 -1.01	58.19 0.46 0.24	51.24 0.00 -0.19
NEG___GEN_MONROE 24207	45.50 -1.36 0.00	41.71 -1.65 0.00	38.45 -1.52 0.01	36.80 -1.61 0.00	37.11 -1.59 0.00	38.66 -1.53 0.00	40.63 -1.56 0.00	44.95 -1.59 1.63	47.30 -1.36 1.59	48.38 -1.41 0.42	52.51 -1.50 1.63	55.42 -1.53 1.79	58.57 -1.59 1.17	65.04 -2.40 3.10	70.51 -2.52 3.48	80.36 -1.79 3.02	90.05 -2.10 3.30	104.31 -3.18 2.26	119.21 -3.13 2.69	109.15 -0.44 0.00	87.22 0.17 0.00	73.59 -0.52 0.04	55.39 -0.64 1.94	48.22 -1.33 1.50
NEPA___ENERGY 23901	44.23 -2.62 0.00	40.37 -2.99 0.00	37.30 -2.68 0.01	35.64 -2.77 0.00	36.03 -2.67 0.00	37.48 -2.69 0.01	40.06 -2.11 0.02	38.93 -1.45 7.79	41.47 -1.16 7.62	47.05 -1.15 1.99	46.65 -1.22 7.78	48.87 -1.35 8.52	54.41 -1.29 5.63	53.73 -1.97 14.82	58.04 -1.84 16.64	69.67 -1.02 14.47	81.39 -0.86 13.21	102.51 -2.63 4.62	118.66 -2.88 3.49	108.16 -1.42 0.00	86.70 -0.35 0.00	71.38 -2.74 0.03	53.69 -2.67 1.60	45.92 -3.27 1.87
NEVERSINK___HYD 23608	48.59 1.73 0.00	44.92 1.56 0.00	41.42 1.44 0.00	39.75 1.34 0.00	40.02 1.32 0.00	41.59 1.41 0.00	43.84 1.64 0.00	50.10 1.93 0.00	52.40 2.16 0.00	52.65 2.46 0.01	58.82 3.17 0.00	62.32 3.58 0.00	65.08 3.74 0.00	75.19 4.65 0.00	82.16 5.66 0.01	92.57 7.41 0.00	104.62 9.16 0.00	120.07 10.31 0.00	136.28 11.26 0.00	118.35 8.77 0.00	93.49 6.44 0.00	78.38 4.30 0.07	60.39 2.90 0.47	53.50 2.45 0.00
NEWKRMKL_115KV_TB1 55635	47.61 0.75 0.00	44.19 0.82 0.00	40.82 0.84 0.00	39.18 0.77 0.00	39.47 0.77 0.00	40.99 0.80 0.00	42.96 0.76 0.00	48.79 0.63 0.00	50.74 0.50 0.00	50.60 0.40 0.00	56.04 0.39 0.00	59.33 0.59 0.00	62.01 0.67 0.00	71.38 0.85 0.00	77.58 1.07 0.00	86.78 1.62 0.00	91.70 1.91 5.66	107.13 2.09 4.71	127.65 2.63 0.00	111.78 2.19 0.00	88.61 1.57 0.00	75.02 1.04 0.17	57.40 0.64 1.20	51.72 0.66 0.00
NEWTON___FALLS_HYD 23847	47.28 0.42 0.00	43.67 0.30 0.00	40.10 0.12 0.00	38.60 0.19 0.00	38.85 0.15 0.00	40.43 0.24 0.00	42.53 0.34 0.00	48.89 0.72 0.00	50.95 0.70 0.00	50.35 0.15 0.00	55.26 -0.39 0.00	57.74 -1.00 0.00	60.11 -1.23 0.00	69.12 -1.41 0.00	74.75 -1.76 0.00	82.87 -2.30 0.00	92.68 -2.77 0.00	106.24 -3.51 0.00	121.65 -3.38 0.00	107.61 -1.97 0.00	85.83 -1.22 0.00	73.26 -0.89 0.00	57.85 -0.12 0.00	51.15 0.10 0.00
NGRID_A1_DSASP 323792	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
NGRID_A2_DSASP 323793	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
NGRID_A4_DSASP 323807	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
NIAGARA_115E_LBMP 323715	42.31 -4.54 0.00	38.68 -4.68 0.00	35.70 -4.28 0.01	34.14 -4.26 0.00	34.52 -4.18 0.00	35.91 -4.26 0.01	37.83 -4.35 0.02	37.84 -3.81 6.52	40.30 -3.57 6.38	44.75 -3.77 1.68	45.09 -4.01 6.55	47.28 -4.29 7.17	52.15 -4.47 4.71	52.48 -5.65 12.41	56.54 -6.05 13.93	67.40 -5.53 12.23	74.31 -6.49 14.65	92.81 -12.07 4.88	107.80 -13.75 3.47	100.92 -8.66 0.00	81.22 -5.83 0.00	67.89 -6.23 0.04	51.14 -5.04 1.78	43.92 -5.26 1.87
NIAGARA_115W_LBMP 323714	42.78 -4.08 0.00	39.28 -4.08 0.00	36.26 -3.72 0.01	34.72 -3.69 0.00	35.10 -3.60 0.00	36.48 -3.70 0.01	38.08 -4.09 0.02	37.36 -4.29 6.52	39.75 -4.12 6.38	44.12 -4.42 1.66	44.35 -4.79 6.51	46.50 -5.11 7.13	51.47 -5.15 4.71	51.64 -6.49 12.41	55.62 -6.96 13.93	66.38 -6.56 12.23	75.04 -7.73 12.68	94.49 -10.75 4.51	108.92 -12.62 3.48	101.69 -7.89 0.00	81.91 -5.14 0.00	68.55 -5.56 0.04	51.76 -4.41 1.80	44.58 -4.59 1.88
NIAGARA_230_LBMP 323716	43.06 -3.79 0.00	39.33 -4.03 0.00	36.34 -3.64 0.01	34.80 -3.61 0.00	35.14 -3.56 0.00	36.56 -3.62 0.01	38.46 -3.71 0.02	37.81 -3.86 6.50	40.22 -3.67 6.36	44.72 -3.82 1.66	45.00 -4.12 6.53	47.24 -4.35 7.15	52.17 -4.47 4.69	52.43 -5.71 12.39	56.56 -6.05 13.91	67.33 -5.62 12.21	74.43 -6.39 14.63	95.24 -9.66 4.86	110.45 -11.13 3.45	102.90 -6.69 0.00	82.78 -4.26 0.00	69.22 -4.90 0.04	52.31 -3.83 1.82	45.00 -4.19 1.87
NIAGARA___115KV_198_GIBSON 55903	42.78 -4.08 0.00	39.16 -4.21 0.00	36.30 -3.68 0.01	34.72 -3.69 0.00	35.10 -3.60 0.00	36.12 -4.06 0.01	38.00 -4.18 0.02	37.36 -4.29 6.52	39.75 -4.12 6.38	44.12 -4.42 1.66	44.35 -4.79 6.51	46.56 -5.05 7.13	51.47 -5.15 4.71	51.63 -6.49 12.41	55.62 -6.96 13.93	66.38 -6.56 12.23	74.94 -7.83 12.68	94.60 -10.65 4.51	109.17 -12.38 3.48	101.91 -7.67 0.00	81.91 -5.14 0.00	68.41 -5.71 0.04	51.70 -4.46 1.80	44.52 -4.65 1.88
NIAGARA____ 23760	43.06 -3.79 0.00	39.33 -4.03 0.00	36.34 -3.64 0.01	34.80 -3.61 0.00	35.14 -3.56 0.00	36.56 -3.62 0.01	38.46 -3.71 0.02	37.80 -3.86 6.51	40.21 -3.67 6.36	44.72 -3.82 1.67	45.00 -4.12 6.53	47.24 -4.35 7.15	52.16 -4.47 4.70	52.43 -5.71 12.39	56.55 -6.05 13.91	67.33 -5.62 12.22	74.81 -6.39 14.25	95.30 -9.66 4.79	110.45 -11.13 3.45	102.90 -6.69 0.00	82.78 -4.26 0.00	69.22 -4.90 0.04	52.34 -3.83 1.80	44.99 -4.19 1.88
NINE_MILE_1 23575	44.85 -1.68 0.32	40.79 -1.60 0.97	38.40 -1.52 0.06	36.99 -1.42 0.00	37.27 -1.43 0.00	38.74 -1.44 0.00	40.68 -1.52 0.00	45.39 -1.69 1.09	45.77 -1.71 2.77	48.49 -1.71 0.00	50.16 -1.84 3.66	52.14 -2.00 4.60	53.93 -2.02 5.38	56.26 -2.40 11.88	58.31 -2.52 15.68	63.47 -2.47 19.23	71.54 -2.77 21.14	65.44 -3.19 41.13	67.90 -3.63 53.49	76.74 -2.85 30.00	60.01 -2.17 24.86	57.89 -2.08 14.19	40.02 -1.68 16.26	34.65 -1.68 14.72

NINE_MILE_2 23744	44.89 -1.64 0.32	40.77 -1.60 0.98	38.44 -1.48 0.07	36.99 -1.42 0.00	37.27 -1.43 0.00	38.74 -1.44 0.00	40.68 -1.52 0.00	45.37 -1.69 1.11	45.72 -1.71 2.81	48.49 -1.71 0.00	50.10 -1.84 3.71	52.08 -2.00 4.67	53.85 -2.02 5.46	56.08 -2.40 12.06	58.07 -2.52 15.91	63.18 -2.47 19.52	71.23 -2.77 21.46	64.84 -3.19 41.73	67.13 -3.63 54.27	76.28 -2.85 30.45	59.64 -2.17 25.24	57.68 -2.08 14.40	39.81 -1.68 16.47	34.45 -1.68 14.92
NM_CAPITAL___DRP 24208	47.70 0.84 0.00	44.27 0.91 0.00	40.90 0.92 0.00	39.25 0.85 0.00	39.55 0.85 0.00	41.07 0.88 0.00	43.04 0.84 0.00	48.94 0.77 0.00	50.95 0.70 0.00	50.85 0.65 0.00	56.32 0.67 0.00	59.62 0.88 0.00	62.32 0.98 0.00	71.66 1.13 0.00	77.89 1.38 0.00	87.21 2.04 0.00	106.24 2.29 -8.50	119.35 2.52 -7.07	128.02 3.00 0.00	111.99 2.41 0.00	88.88 1.83 0.00	76.18 1.26 -0.77	64.07 0.81 -5.30	51.87 0.82 0.00
NM_CENTRAL___DRP 24181	46.26 -0.61 -0.01	42.71 -0.69 -0.04	39.30 -0.68 0.01	37.76 -0.65 0.00	38.04 -0.66 0.00	39.54 -0.64 0.00	41.61 -0.59 0.00	47.63 -0.58 -0.04	49.90 -0.45 -0.11	49.75 -0.45 0.00	55.40 -0.39 -0.14	58.45 -0.47 -0.18	60.99 -0.55 -0.21	70.36 -0.63 -0.46	76.51 -0.61 -0.61	85.74 -0.17 -0.75	95.99 -0.29 -0.82	109.74 -0.66 -0.64	124.92 -0.63 -0.52	110.63 -0.11 -1.16	88.09 0.09 -0.96	74.23 -0.44 -0.52	56.93 -0.41 0.63	50.08 -0.66 0.31
NM_FRONTIER___DRP 24179	42.78 -4.08 0.00	39.16 -4.21 0.00	36.30 -3.68 0.01	34.72 -3.69 0.00	35.10 -3.60 0.00	36.12 -4.06 0.01	38.00 -4.18 0.02	37.36 -4.29 6.52	39.75 -4.12 6.38	44.12 -4.42 1.66	44.35 -4.79 6.51	46.56 -5.05 7.13	51.47 -5.15 4.71	51.63 -6.49 12.41	55.62 -6.96 13.93	66.38 -6.56 12.23	74.94 -7.83 12.68	94.60 -10.65 4.51	109.17 -12.38 3.48	101.91 -7.67 0.00	81.91 -5.14 0.00	68.41 -5.71 0.04	51.70 -4.46 1.80	44.52 -4.65 1.88
NM_ST_REGIS___HYD 24053	47.00 0.14 0.00	43.45 0.09 0.00	39.86 -0.12 0.00	38.37 -0.04 0.00	38.62 -0.08 0.00	40.14 -0.04 0.00	42.20 0.00 0.00	48.17 0.00 0.00	50.09 -0.15 0.00	49.70 -0.50 0.00	54.31 -1.34 0.00	56.98 -1.76 0.00	59.31 -2.02 0.00	68.13 -2.40 0.00	73.53 -2.98 0.00	81.25 -3.92 0.00	91.06 -4.39 0.00	104.93 -4.83 0.00	119.65 -5.38 0.00	105.75 -3.84 0.00	84.18 -2.87 0.00	72.22 -1.93 0.00	56.92 -1.04 0.00	50.69 -0.36 0.00
NORTHPORT___1 23551	49.11 2.25 0.00	44.97 1.61 0.00	41.26 1.28 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.55 1.37 0.00	44.01 1.81 0.00	49.95 1.78 0.00	51.64 1.40 0.01	52.35 2.16 0.01	57.87 2.23 0.01	60.08 2.23 0.89	61.49 2.39 2.24	65.46 4.02 9.09	78.77 5.43 3.17	87.87 6.39 3.69	88.25 8.21 15.41	117.88 10.09 1.97	116.95 9.50 17.57	104.58 6.02 11.03	87.12 4.87 4.80	75.53 1.85 0.48	58.80 0.87 0.03	52.12 1.07 0.01
NORTHPORT___2 23552	49.11 2.25 0.00	44.97 1.61 0.00	41.26 1.28 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.55 1.37 0.00	44.01 1.81 0.00	49.95 1.78 0.00	51.64 1.40 0.01	52.35 2.16 0.01	57.87 2.23 0.01	60.08 2.23 0.89	61.49 2.39 2.24	65.46 4.02 9.09	78.77 5.43 3.17	87.87 6.39 3.69	88.25 8.21 15.41	117.88 10.09 1.97	116.95 9.50 17.57	104.58 6.02 11.03	87.12 4.87 4.80	75.53 1.85 0.48	58.80 0.87 0.03	52.12 1.07 0.01
NORTHPORT___3 23553	49.06 2.20 0.00	44.92 1.56 0.00	41.26 1.28 0.00	39.48 1.07 0.00	39.86 1.16 0.00	41.51 1.32 0.00	43.93 1.73 0.00	49.81 1.64 0.00	51.49 1.26 0.01	52.25 2.06 0.01	57.75 2.11 0.01	59.07 2.17 1.84	58.98 2.33 4.68	55.46 3.95 19.02	75.23 5.35 6.63	83.75 6.30 7.72	69.48 8.11 34.08	114.00 9.88 5.64	97.62 9.38 36.78	92.31 5.80 23.08	81.69 4.70 10.06	75.43 1.78 0.50	58.72 0.81 0.05	52.07 1.02 0.01
NORTHPORT___4 23650	49.06 2.20 0.00	44.92 1.56 0.00	41.26 1.28 0.00	39.48 1.07 0.00	39.86 1.16 0.00	41.51 1.32 0.00	43.93 1.73 0.00	49.81 1.64 0.00	51.49 1.26 0.01	52.25 2.06 0.01	57.75 2.11 0.01	59.07 2.17 1.84	58.98 2.33 4.68	55.46 3.95 19.02	75.23 5.35 6.63	83.75 6.30 7.72	69.48 8.11 34.08	114.00 9.88 5.64	97.62 9.38 36.78	92.31 5.80 23.08	81.69 4.70 10.06	75.43 1.78 0.50	58.72 0.81 0.05	52.07 1.02 0.01
NORTHPORT___IC 23718	49.11 2.25 0.00	44.97 1.60 0.00	41.26 1.28 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.59 1.41 0.00	44.01 1.81 0.00	49.95 1.78 0.00	51.70 1.46 0.00	52.40 2.21 0.01	58.25 2.62 0.01	59.90 2.06 0.89	61.41 2.33 2.26	65.47 4.02 9.09	78.77 5.43 3.17	88.03 6.56 3.69	88.37 8.21 15.29	117.87 9.99 1.87	117.21 9.75 17.57	104.36 5.81 11.03	87.12 4.87 4.80	75.68 2.00 0.48	58.86 0.93 0.03	52.17 1.12 0.01
NORTH___COUNTRY_ESR 323785	46.90 0.05 0.00	43.36 0.00 0.00	39.86 -0.12 0.00	38.33 -0.08 0.00	38.62 -0.08 0.00	40.14 -0.04 0.00	42.07 -0.13 0.00	48.02 -0.14 0.00	50.04 -0.20 0.00	50.05 -0.15 0.00	54.93 -0.73 0.00	57.68 -1.06 0.00	60.04 -1.29 0.00	68.98 -1.55 0.00	74.52 -1.99 0.00	82.36 -2.81 0.00	92.30 -3.15 0.00	106.47 -3.29 0.00	121.39 -3.63 0.00	106.63 -2.95 0.00	84.78 -2.26 0.00	72.74 -1.41 0.00	57.15 -0.81 0.00	50.95 -0.10 0.00
NPX_GEN_1385_PROXY 323591	49.11 2.25 0.00	44.97 1.61 0.00	41.26 1.28 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.73 1.65 0.10	44.40 2.11 -0.10	50.28 2.12 0.00	51.64 1.40 0.01	52.35 2.16 0.01	58.25 2.62 0.01	60.55 2.70 0.89	62.10 3.00 2.24	66.10 4.65 9.09	79.31 5.97 3.17	88.54 7.06 3.69	89.30 9.26 15.41	118.43 10.64 1.97	117.92 10.50 17.61	105.61 7.02 10.99	87.90 5.65 4.80	75.90 2.22 0.48	59.67 1.74 0.03	52.47 1.43 0.01
NPX_GEN_CSC 323557	49.43 2.58 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.53 1.44 0.10	44.53 2.23 -0.10	50.28 2.12 0.00	51.89 1.66 0.01	52.60 2.41 0.01	57.92 2.28 0.01	60.86 2.65 0.52	62.48 2.46 1.31	69.46 4.23 5.31	80.63 5.97 1.85	90.16 7.15 2.16	96.60 9.45 8.31	121.15 11.97 0.57	126.10 11.38 10.30	110.73 7.56 6.41	90.70 6.09 2.44	77.18 3.04 0.02	59.63 1.68 0.02	52.58 1.53 0.01
NSINS_S_GLNS_FALLS 23858	49.15 2.30 0.00	45.57 2.21 0.00	42.02 2.04 0.00	40.25 1.84 0.00	40.56 1.86 0.00	42.11 1.93 0.00	43.97 1.77 0.00	50.00 1.83 0.00	51.90 1.66 0.00	51.80 1.61 0.00	57.38 1.73 0.00	60.91 2.17 0.00	63.60 2.27 0.00	73.28 2.75 0.00	79.80 3.29 0.00	89.34 4.17 0.00	107.34 4.30 -7.59	121.33 5.27 -6.31	131.90 6.88 0.00	116.27 6.68 0.00	92.10 5.05 0.00	78.65 3.86 -0.64	65.02 2.67 -4.39	53.20 2.14 0.00
NUCOR_STEEL___DRP 24197	46.89 0.00 -0.04	43.31 -0.17 -0.12	39.78 -0.20 0.00	38.18 -0.23 0.00	38.47 -0.23 0.00	40.03 -0.16 0.00	42.11 -0.08 0.00	49.27 -0.05 -1.15	51.67 0.10 -1.33	50.46 0.00 -0.26	57.23 0.11 -1.47	60.41 0.00 -1.68	62.84 0.12 -1.39	73.91 0.00 -3.38	80.74 0.15 -4.08	90.15 0.77 -4.22	101.03 0.95 -4.62	114.86 0.88 -4.23	131.02 1.38 -4.62	115.15 1.97 -3.60	91.86 1.83 -2.98	76.79 0.96 -1.67	58.82 0.52 -0.34	51.84 0.05 -0.73

NUMBER_THREE_WT_PWR 323818	47.56 0.70 0.00	43.88 0.52 0.00	40.42 0.44 0.00	38.91 0.50 0.00	39.13 0.43 0.00	40.75 0.56 0.00	42.96 0.76 0.00	49.71 1.54 0.00	51.95 1.71 0.00	51.35 1.16 0.00	56.60 0.95 0.00	58.97 0.24 0.00	61.33 0.00 0.00	70.60 0.07 0.00	76.36 -0.15 0.00	85.00 -0.17 0.00	94.59 -0.86 0.00	110.25 -1.54 -2.03	126.57 -0.87 -2.42	111.99 0.44 -1.96	89.46 0.78 -1.63	75.51 0.45 -0.91	59.02 0.87 -0.18	52.12 0.71 -0.35
NYISO_LBMP_REFERENCE 24008	46.86 0.00 0.00	43.36 0.00 0.00	39.98 0.00 0.00	38.41 0.00 0.00	38.70 0.00 0.00	40.18 0.00 0.00	42.20 0.00 0.00	48.17 0.00 0.00	50.24 0.00 0.00	50.20 0.00 0.00	55.65 0.00 0.00	58.74 0.00 0.00	61.33 0.00 0.00	70.53 0.00 0.00	76.51 0.00 0.00	85.17 0.00 0.00	95.45 0.00 0.00	109.75 0.00 0.00	125.02 0.00 0.00	109.58 0.00 0.00	87.05 0.00 0.00	74.15 0.00 0.00	57.96 0.00 0.00	51.05 0.00 0.00
NYPA_BRENTWD____GT 24164	49.71 2.86 0.00	45.49 2.12 0.00	41.74 1.76 0.00	39.95 1.54 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.52 2.32 0.00	50.62 2.46 0.00	52.44 2.21 0.01	53.26 3.06 0.01	59.03 3.40 0.01	61.84 3.52 0.42	64.04 3.74 1.04	71.77 5.43 4.19	82.16 7.12 1.47	91.56 8.09 1.70	99.56 10.31 6.21	122.21 12.62 0.16	129.18 12.26 8.10	112.93 8.44 5.09	91.45 6.61 2.21	77.69 3.56 0.02	60.27 2.32 0.01	53.14 2.09 0.00
NYPA_GOWANUS____GT5 24156	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NYPA_GOWANUS____GT6 24157	49.63 2.76 -0.01	45.80 2.43 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.40 3.23 -0.01	53.95 3.67 -0.04	58.28 3.36 -4.72	60.73 4.34 -0.73	63.93 5.17 -0.02	67.42 5.28 -0.81	77.79 6.21 -1.05	90.97 7.35 -7.12	98.40 9.20 -4.04	130.67 11.07 -24.15	164.43 12.73 -41.95	148.77 13.88 -9.87	120.11 10.52 -0.01	94.54 7.49 -0.01	79.35 5.19 -0.01	61.39 3.42 -0.01	54.17 3.11 -0.01
NYPA_HARLEM__RVR__GT1 24160	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.52 2.32 0.00	50.91 2.74 0.00	53.59 3.32 -0.03	57.95 3.16 -4.59	60.42 4.06 -0.71	63.39 4.64 -0.01	66.14 4.72 -0.08	76.29 5.64 -0.11	90.18 6.73 -6.94	97.79 8.60 -4.02	129.90 10.31 -24.14	163.44 11.75 -41.94	147.50 12.62 -9.86	119.56 9.97 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.81 2.75 -0.01
NYPA_HARLEM__RVR__GT2 24161	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.52 2.32 0.00	50.91 2.74 0.00	53.59 3.32 -0.03	57.95 3.16 -4.59	60.42 4.06 -0.71	63.39 4.64 -0.01	66.14 4.72 -0.08	76.29 5.64 -0.11	90.18 6.73 -6.94	97.79 8.60 -4.02	129.90 10.31 -24.14	163.44 11.75 -41.94	147.50 12.62 -9.86	119.56 9.97 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.81 2.75 -0.01
NYPA_KENT____GT 24152	49.49 2.62 -0.01	45.67 2.30 -0.01	42.07 2.08 -0.01	40.30 1.88 -0.01	40.68 1.97 -0.01	42.28 2.09 -0.01	44.73 2.53 0.00	51.30 3.13 0.00	53.85 3.57 -0.04	58.23 3.31 -4.72	60.61 4.23 -0.73	63.74 4.99 -0.02	67.23 5.09 -0.81	77.65 6.07 -1.05	90.74 7.12 -7.12	98.22 9.02 -4.03	130.38 10.78 -24.15	164.10 12.40 -41.94	148.39 13.51 -9.86	119.65 10.08 0.00	94.18 7.14 0.00	79.04 4.89 0.00	61.22 3.24 -0.01	54.02 2.96 -0.01
NYPA_POUCH1____GT 24155	49.58 2.72 -0.01	45.75 2.38 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.40 2.21 -0.01	44.86 2.66 0.00	51.35 3.18 -0.01	53.85 3.57 -0.04	57.62 3.06 -4.36	60.39 4.06 -0.68	63.69 4.93 -0.02	67.07 4.97 -0.77	77.36 5.85 -0.98	89.74 6.96 -6.27	98.06 8.86 -4.04	130.28 10.69 -24.14	164.00 12.29 -41.95	148.28 13.38 -9.87	119.67 10.08 -0.01	94.20 7.14 -0.01	79.05 4.89 -0.01	61.16 3.19 -0.01	54.02 2.96 -0.01
NYPA_VERNON____GT2 24162	49.35 2.48 -0.01	45.54 2.17 -0.01	41.95 1.96 -0.01	40.19 1.77 -0.01	40.57 1.86 -0.01	42.16 1.97 -0.01	44.60 2.40 0.00	51.16 2.99 0.00	53.70 3.42 -0.04	58.23 3.31 -4.72	60.56 4.18 -0.73	63.57 4.82 -0.02	67.11 4.97 -0.81	77.51 5.93 -1.05	90.59 6.96 -7.12	98.05 8.86 -4.03	130.19 10.59 -24.15	163.88 12.18 -41.94	148.01 13.12 -9.86	119.45 9.87 0.00	93.92 6.88 0.00	78.83 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
NYPA_VERNON____GT3 24163	49.35 2.48 -0.01	45.54 2.17 -0.01	41.95 1.96 -0.01	40.19 1.77 -0.01	40.57 1.86 -0.01	42.16 1.97 -0.01	44.60 2.40 0.00	51.16 2.99 0.00	53.70 3.42 -0.04	58.23 3.31 -4.72	60.56 4.18 -0.73	63.57 4.82 -0.02	67.11 4.97 -0.81	77.51 5.93 -1.05	90.59 6.96 -7.12	98.05 8.86 -4.03	130.19 10.59 -24.15	163.88 12.18 -41.94	148.01 13.12 -9.86	119.45 9.87 0.00	93.92 6.88 0.00	78.83 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
NYPA__ASTORIA_CC1 323568	49.30 2.43 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.60 3.32 -0.04	58.13 3.22 -4.72	60.44 4.06 -0.73	63.51 4.76 -0.02	66.93 4.79 -0.81	77.37 5.78 -1.05	90.43 6.81 -7.12	97.89 8.69 -4.03	130.00 10.41 -24.15	163.67 11.97 -41.95	147.77 12.88 -9.86	119.23 9.65 0.00	93.84 6.79 0.00	78.75 4.60 0.00	60.92 2.95 -0.01	53.81 2.75 -0.01
NYPA__ASTORIA_CC2 323569	49.30 2.43 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.56 2.36 0.00	51.06 2.89 0.00	53.60 3.32 -0.04	58.13 3.22 -4.72	60.44 4.06 -0.73	63.51 4.76 -0.02	66.93 4.79 -0.81	77.37 5.78 -1.05	90.43 6.81 -7.12	97.89 8.69 -4.03	130.00 10.41 -24.15	163.67 11.97 -41.95	147.77 12.88 -9.86	119.23 9.65 0.00	93.84 6.79 0.00	78.75 4.60 0.00	60.92 2.95 -0.01	53.81 2.75 -0.01
NYPA__HOLTSVILL 23794	49.34 2.48 0.00	45.10 1.74 0.00	41.38 1.40 0.00	39.64 1.23 0.00	40.02 1.32 0.00	41.59 1.41 0.00	44.18 1.98 0.00	50.14 1.98 0.00	51.89 1.66 0.01	52.65 2.46 0.01	58.25 2.62 0.01	61.02 2.76 0.48	62.91 2.76 1.19	70.30 4.58 4.81	80.95 6.12 1.68	90.45 7.23 1.95	97.45 9.36 7.37	121.00 11.63 0.39	126.85 11.12 9.30	111.09 7.34 5.84	90.34 5.83 2.54	76.88 2.75 0.02	59.68 1.74 0.02	52.68 1.63 0.01
NYPA__HELLGATE_GT1 24158	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.52 2.32 0.00	50.91 2.74 0.00	53.59 3.32 -0.03	57.95 3.16 -4.59	60.42 4.06 -0.71	63.39 4.64 -0.01	65.99 4.72 0.06	76.10 5.64 0.07	90.18 6.73 -6.94	97.79 8.60 -4.02	129.90 10.31 -24.14	163.44 11.75 -41.94	147.50 12.62 -9.86	119.56 9.97 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.81 2.75 -0.01

NYPA_____HELLGATE_GT2 24159	49.44 2.58 -0.01	45.62 2.25 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.52 2.32 0.00	50.91 2.74 0.00	53.59 3.32 -0.03	57.95 3.16 -4.59	60.42 4.06 -0.71	63.39 4.64 -0.01	65.99 4.72 0.06	76.10 5.64 0.07	90.18 6.73 -6.94	97.79 8.60 -4.02	129.90 10.31 -24.14	163.44 11.75 -41.94	147.50 12.62 -9.86	119.56 9.97 -0.01	94.10 7.05 0.00	78.98 4.82 -0.01	61.04 3.07 -0.01	53.81 2.75 -0.01
NYS_BARGE___HYD 23848	43.20 -3.65 0.00	39.50 -3.86 0.00	36.41 -3.56 0.01	34.84 -3.57 0.00	35.22 -3.48 0.00	36.64 -3.54 0.01	38.63 -3.54 0.02	38.94 -3.13 6.10	41.41 -2.86 5.97	45.62 -3.01 1.57	46.30 -3.23 6.12	48.57 -3.47 6.70	53.12 -3.80 4.41	53.98 -4.94 11.61	58.12 -5.36 13.03	69.05 -4.77 11.35	77.22 -5.54 12.70	94.86 -10.43 4.46	109.87 -11.76 3.40	102.79 -6.79 0.00	82.70 -4.35 0.00	69.07 -5.04 0.04	52.05 -4.11 1.80	44.72 -4.49 1.84
OAK ORCHARD___HYD 24046	45.31 -1.55 0.00	41.54 -1.82 0.00	38.30 -1.68 0.01	36.68 -1.73 0.00	37.04 -1.66 0.00	38.53 -1.65 0.00	40.50 -1.69 0.00	44.93 -1.83 1.40	47.36 -1.51 1.37	48.28 -1.56 0.36	52.62 -1.62 1.41	55.49 -1.71 1.54	58.67 -1.65 1.01	65.46 -2.40 2.67	70.98 -2.52 3.00	80.74 -1.79 2.63	90.58 -1.91 2.97	105.49 -2.09 2.18	119.86 -2.50 2.66	108.93 -0.65 0.00	86.96 -0.09 0.00	73.44 -0.67 0.04	55.32 -0.69 1.94	48.19 -1.38 1.49
OAKDALE___35_KV_LOAD 356122	46.69 -0.19 -0.02	43.08 -0.35 -0.06	39.70 -0.28 0.00	38.06 -0.35 0.00	38.39 -0.31 0.00	39.91 -0.28 0.00	42.16 -0.04 0.00	49.71 0.24 -1.30	51.98 0.35 -1.39	50.87 0.35 -0.32	57.63 0.50 -1.48	60.93 0.53 -1.66	63.19 0.61 -1.24	74.36 0.71 -3.13	81.17 0.99 -3.66	90.42 1.70 -3.56	101.47 1.91 -4.11	113.80 1.76 -2.29	129.04 2.00 -2.02	113.47 1.97 -1.91	90.46 1.83 -1.59	75.55 0.52 -0.88	57.80 0.12 0.28	50.93 -0.26 -0.13
OCC_CHEM___DRP 24175	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
OH_GEN_PROXY 24063	43.11 -3.75 0.00	38.25 -3.99 1.12	36.38 -3.60 0.01	34.84 -3.57 0.00	35.18 -3.52 0.00	36.50 -3.58 0.11	38.65 -3.63 -0.08	38.40 -3.76 6.01	40.80 -3.57 5.88	45.00 -3.66 1.54	45.66 -3.95 6.04	47.90 -4.23 6.61	52.70 -4.30 4.34	53.58 -5.50 11.45	57.84 -5.82 12.85	68.80 -5.36 11.00	77.30 -6.01 12.14	96.20 -9.22 4.34	111.00 -10.63 3.40	103.26 -6.36 -0.04	83.05 -4.00 0.00	69.45 -4.67 0.04	52.37 -3.77 1.83	45.14 -4.09 1.82
OLIN_CORP_DRP 24177	42.45 -4.40 0.00	38.68 -4.68 0.00	35.82 -4.16 0.01	34.26 -4.15 0.00	34.64 -4.06 0.00	36.24 -3.94 0.01	37.91 -4.26 0.02	37.80 -3.76 6.61	40.21 -3.57 6.47	44.78 -3.71 1.70	45.01 -4.01 6.63	47.25 -4.23 7.25	52.14 -4.42 4.78	52.31 -5.64 12.58	56.43 -5.97 14.12	67.23 -5.54 12.40	73.53 -6.59 15.34	95.19 -9.55 5.02	110.54 -11.00 3.48	101.47 -8.11 0.00	81.56 -5.48 0.00	68.04 -6.08 0.04	51.32 -4.87 1.78	44.12 -5.05 1.88
OLIN_CORP_DSASP 323712	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
ONEIDA_HERK_LFGE 323681	47.70 0.84 0.00	44.05 0.69 0.00	40.58 0.60 0.00	39.02 0.61 0.00	39.28 0.58 0.00	40.87 0.68 0.00	42.96 0.76 0.00	49.42 1.25 0.00	51.65 1.40 0.00	51.20 1.00 0.00	56.65 1.00 0.00	59.45 0.71 0.00	61.95 0.61 0.00	71.38 0.85 0.00	77.50 0.99 0.00	86.36 1.19 0.00	96.50 1.05 0.00	111.76 0.87 -1.13	127.87 1.51 -1.34	112.54 1.86 -1.09	89.60 1.65 -0.91	75.84 1.18 -0.51	59.22 1.16 -0.10	52.17 0.92 -0.19
ONEIDA___115KV_TB4 55905	47.84 0.98 0.00	44.19 0.82 0.00	40.70 0.72 0.00	39.10 0.69 0.00	39.36 0.66 0.00	40.95 0.76 0.00	43.04 0.84 0.00	49.37 1.20 0.00	51.55 1.31 0.00	51.20 1.00 0.00	56.76 1.11 0.00	59.68 0.94 0.00	62.32 0.98 0.00	71.87 1.34 0.00	78.12 1.61 0.00	87.29 2.13 0.00	97.74 2.29 0.00	111.88 2.41 0.29	127.80 3.25 0.47	112.76 3.18 0.00	89.75 2.70 0.00	76.00 1.85 0.01	59.14 1.56 0.39	51.96 1.17 0.27
ONONDAGA_REF_OCCRA 23987	46.50 -0.37 -0.02	42.91 -0.52 -0.06	39.46 -0.52 0.00	37.91 -0.50 0.00	38.20 -0.50 0.00	39.70 -0.48 0.00	41.82 -0.38 0.00	47.90 -0.34 -0.07	50.22 -0.20 -0.18	49.95 -0.25 0.00	55.72 -0.17 -0.24	58.80 -0.23 -0.30	61.44 -0.25 -0.35	71.03 -0.28 -0.78	77.38 -0.15 -1.03	86.76 0.34 -1.26	97.12 0.29 -1.38	111.37 0.00 -1.61	127.02 0.25 -1.74	112.19 0.66 -1.94	89.27 0.61 -1.61	75.04 0.00 -0.89	57.50 -0.12 0.35	50.62 -0.41 0.02
ONONDAGA___COGEN 23986	46.75 -0.14 -0.03	43.16 -0.30 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.99 -0.21 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.20 0.00 0.00	56.15 0.11 -0.39	59.22 0.00 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.25 0.57 -2.23	113.11 0.11 -3.24	129.13 0.25 -3.86	113.37 0.66 -3.13	90.34 0.70 -2.60	75.75 0.15 -1.45	58.26 0.00 -0.29	51.25 -0.36 -0.56
ONTARIO___LFGE 23819	48.01 1.12 -0.03	44.15 0.69 -0.09	40.46 0.48 0.00	38.79 0.38 0.00	39.17 0.47 0.00	40.84 0.64 -0.01	43.32 1.10 -0.03	59.28 1.49 -9.61	61.46 1.66 -9.56	54.03 1.40 -2.43	67.21 1.67 -9.89	71.21 1.59 -10.89	70.50 1.78 -7.38	91.69 1.91 -19.25	100.64 2.29 -21.83	108.22 3.58 -19.47	121.23 4.30 -21.48	121.43 3.18 -8.49	135.77 4.63 -6.12	119.68 6.24 -3.85	95.82 5.58 -3.19	79.49 3.56 -1.78	60.14 2.15 -0.03	53.56 1.18 -1.34
ORANGEVILLE_WT_PWR 323706	44.51 -2.34 0.00	40.76 -2.60 0.00	37.50 -2.48 0.01	35.80 -2.61 0.00	36.18 -2.51 0.00	37.66 -2.49 0.03	39.81 -2.32 0.07	23.16 -2.17 22.84	25.85 -2.06 22.33	42.10 -2.26 5.84	30.38 -2.39 22.88	30.93 -2.76 25.05	42.01 -2.82 16.50	23.17 -3.88 43.49	23.57 -4.13 48.81	39.36 -3.50 42.31	47.42 -3.72 44.30	90.00 -7.69 12.07	111.06 -7.87 6.10	106.63 -2.95 0.00	85.83 -1.22 0.00	71.75 -2.38 0.03	54.27 -2.26 1.43	45.05 -2.86 3.14
ORANGEVILLE___ESR 323794	44.51 -2.34 0.00	40.76 -2.60 0.00	37.50 -2.48 0.01	35.80 -2.61 0.00	36.18 -2.51 0.00	37.66 -2.49 0.03	39.81 -2.32 0.07	23.16 -2.17 22.84	25.85 -2.06 22.33	42.10 -2.26 5.84	30.38 -2.39 22.88	30.93 -2.76 25.05	42.01 -2.82 16.50	23.17 -3.88 43.49	23.57 -4.13 48.81	39.36 -3.50 42.31	47.42 -3.72 44.30	90.00 -7.69 12.07	111.06 -7.87 6.10	106.63 -2.95 0.00	85.83 -1.22 0.00	71.75 -2.38 0.03	54.27 -2.26 1.43	45.05 -2.86 3.14

OSWEGATCHIE___HYD 24044	47.28 0.42 0.00	43.67 0.31 0.00	40.10 0.12 0.00	38.60 0.19 0.00	38.85 0.16 0.00	40.43 0.24 0.00	42.53 0.34 0.00	48.89 0.72 0.00	50.95 0.70 0.00	50.35 0.15 0.00	55.26 -0.39 0.00	57.68 -1.06 0.00	60.11 -1.23 0.00	69.12 -1.41 0.00	74.75 -1.76 0.00	82.87 -2.30 0.00	92.68 -2.77 0.00	108.00 -3.40 -1.65	123.62 -3.37 -1.97	109.09 -2.09 -1.60	87.15 -1.22 -1.32	74.01 -0.89 -0.74	58.00 -0.12 -0.15	51.49 0.15 -0.28
OSWEGO___5 23606	45.80 -1.31 -0.25	42.84 -1.30 -0.77	38.81 -1.20 -0.03	37.26 -1.15 0.00	37.54 -1.16 0.00	39.02 -1.17 0.00	41.01 -1.18 0.00	47.69 -1.35 -0.87	51.14 -1.31 -2.21	48.89 -1.31 0.00	57.18 -1.39 -2.92	60.87 -1.53 -3.66	64.09 -1.53 -4.28	78.16 -1.83 -9.47	87.09 -1.91 -12.49	98.69 -1.79 -15.32	110.29 -2.01 -16.84	134.63 -2.31 -27.18	156.56 -2.63 -34.17	130.08 -1.86 -22.36	104.18 -1.40 -18.53	83.15 -1.48 -10.48	64.23 -1.22 -7.48	57.51 -1.27 -7.74
OSWEGO___6 23613	45.80 -1.31 -0.25	42.84 -1.30 -0.77	38.81 -1.20 -0.03	37.26 -1.15 0.00	37.54 -1.16 0.00	39.02 -1.17 0.00	41.01 -1.18 0.00	47.69 -1.35 -0.87	51.14 -1.31 -2.21	48.89 -1.31 0.00	57.18 -1.39 -2.92	60.87 -1.53 -3.66	64.09 -1.53 -4.28	78.16 -1.83 -9.47	87.09 -1.91 -12.49	98.69 -1.79 -15.32	110.29 -2.01 -16.84	134.63 -2.31 -27.18	156.56 -2.63 -34.17	130.08 -1.86 -22.36	104.18 -1.40 -18.53	83.15 -1.48 -10.48	64.23 -1.22 -7.48	57.51 -1.27 -7.74
OUTOKUMPU-AB___DRP 24206	43.72 -3.14 0.00	39.89 -3.47 0.00	36.94 -3.04 0.01	35.34 -3.07 0.00	35.72 -2.98 0.00	37.08 -3.09 0.01	39.05 -3.12 0.02	38.33 -2.84 7.00	40.84 -2.56 6.84	45.75 -2.66 1.79	45.76 -2.89 6.99	48.03 -3.05 7.66	53.09 -3.19 5.06	52.99 -4.23 13.31	57.06 -4.51 14.94	67.94 -4.17 13.05	77.43 -4.87 13.15	97.77 -7.35 4.63	112.87 -8.63 3.53	104.32 -5.26 0.00	83.83 -3.22 0.00	69.67 -4.45 0.04	52.84 -3.36 1.76	45.37 -3.78 1.90
OXBOW___BTM 323836	43.39 -3.47 0.00	39.76 -3.60 0.00	36.70 -3.28 0.01	35.11 -3.30 0.00	35.49 -3.21 0.00	36.92 -3.25 0.01	38.67 -3.50 0.02	37.93 -3.47 6.76	40.41 -3.22 6.61	45.06 -3.42 1.73	45.22 -3.67 6.75	47.46 -3.88 7.40	52.46 -3.99 4.89	52.52 -5.15 12.87	56.56 -5.51 14.44	67.41 -5.11 12.65	76.73 -5.92 12.81	95.65 -9.55 4.55	109.76 -11.76 3.50	103.34 -6.24 0.00	83.13 -3.92 0.00	69.45 -4.67 0.04	52.53 -3.65 1.78	45.12 -4.03 1.89
OXBOW___ 24026	43.39 -3.47 0.00	39.63 -3.73 0.00	36.70 -3.28 0.01	35.11 -3.30 0.00	35.49 -3.21 0.00	36.68 -3.50 0.01	38.63 -3.54 0.02	37.94 -3.47 6.76	40.41 -3.22 6.61	45.06 -3.41 1.73	45.22 -3.67 6.75	47.47 -3.88 7.40	52.46 -3.99 4.89	52.52 -5.15 12.87	56.56 -5.51 14.44	67.41 -5.11 12.65	76.63 -6.01 12.81	96.53 -8.67 4.55	110.77 -10.75 3.50	103.45 -6.14 0.00	83.13 -3.92 0.00	69.22 -4.89 0.04	52.42 -3.77 1.78	45.07 -4.08 1.89
OXY_CHEM_DSASP 323612	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
OZONE_PARK_ESR 323760	49.62 2.76 0.00	45.79 2.43 0.00	42.10 2.12 0.00	40.33 1.92 0.00	40.71 2.01 0.00	42.39 2.21 0.00	44.85 2.66 0.00	51.49 3.32 0.00	54.15 3.87 -0.04	58.41 3.87 -4.35	61.11 4.79 -0.68	63.98 5.23 -0.02	67.47 5.58 -0.56	78.27 6.77 -0.97	91.03 7.96 -6.56	99.24 10.05 -4.03	131.64 11.93 -24.25	165.84 14.05 -42.04	150.14 15.25 -9.86	120.54 10.96 0.00	95.06 8.01 0.00	79.79 5.64 0.00	61.50 3.54 0.00	54.32 3.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.87 -3.98 0.00	39.20 -4.16 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.20 -3.98 0.01	38.08 -4.09 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.68 -4.93 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.36 -7.64 12.45	94.86 -10.43 4.47	109.42 -12.13 3.48	102.02 -7.56 0.00	82.09 -4.96 0.00	68.55 -5.56 0.04	51.82 -4.35 1.80	44.57 -4.59 1.88
PACKARD___115KV_DUPONT_184 80571	42.87 -3.98 0.00	39.33 -4.03 0.00	36.34 -3.64 0.01	34.76 -3.65 0.00	35.14 -3.56 0.00	36.56 -3.62 0.01	38.12 -4.05 0.02	37.45 -4.19 6.52	39.84 -4.02 6.38	44.22 -4.32 1.66	44.46 -4.67 6.51	46.62 -4.99 7.13	51.59 -5.03 4.72	51.77 -6.35 12.41	55.77 -6.81 13.93	66.54 -6.39 12.23	75.46 -7.54 12.45	94.75 -10.54 4.47	109.16 -12.38 3.48	101.91 -7.67 0.00	82.09 -4.96 0.00	68.71 -5.41 0.04	51.88 -4.29 1.80	44.68 -4.49 1.88
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.44 2.58 -0.01	45.67 2.30 -0.01	41.95 1.96 -0.01	40.22 1.81 -0.01	40.60 1.90 -0.01	42.20 2.01 -0.01	44.52 2.32 0.00	50.96 2.79 0.00	53.45 3.17 -0.04	57.79 3.01 -4.58	60.25 3.90 -0.71	63.10 4.35 -0.02	66.48 4.54 -0.61	76.05 5.50 -0.02	90.03 6.58 -6.94	97.54 8.35 -4.03	129.83 10.12 -24.26	163.54 11.74 -42.04	147.64 12.75 -9.86	119.34 9.75 -0.01	94.01 6.96 0.00	78.98 4.82 -0.01	61.10 3.13 -0.01	53.92 2.86 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.38 3.51 -0.01	46.49 3.12 -0.01	42.75 2.76 -0.01	40.95 2.54 -0.01	41.38 2.67 -0.01	43.01 2.81 -0.01	45.40 3.21 0.00	51.92 3.76 0.00	54.50 4.22 -0.04	58.80 4.02 -4.58	61.42 5.06 -0.71	64.34 5.58 -0.02	67.83 5.89 -0.61	77.60 7.05 -0.02	91.71 8.26 -6.94	99.50 10.30 -4.03	132.03 12.31 -24.26	166.18 14.38 -42.04	150.77 15.88 -9.86	122.08 12.49 -0.01	96.28 9.23 0.00	80.83 6.67 -0.01	62.43 4.46 -0.01	54.99 3.93 -0.01
PATROON___115KV_TB1 80586	47.79 0.94 0.00	44.32 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.08 0.89 0.00	48.94 0.77 0.00	50.90 0.65 0.00	50.75 0.55 0.00	56.21 0.56 0.00	59.50 0.76 0.00	62.19 0.86 0.00	71.59 1.06 0.00	77.81 1.30 0.00	87.12 1.96 0.00	98.73 2.20 -1.08	113.07 2.41 -0.90	128.15 3.13 0.00	112.21 2.63 0.00	88.96 1.92 0.00	75.77 1.33 -0.28	60.77 0.87 -1.94	51.87 0.82 0.00
PATTRSNVILLE___SOLAR 323815	48.50 1.64 0.00	44.97 1.61 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.09 1.39 0.00	41.63 1.44 0.00	43.55 1.35 0.00	49.47 1.30 0.00	51.35 1.10 0.00	51.10 0.90 0.00	56.54 0.89 0.00	59.80 1.06 0.00	62.38 1.04 0.00	71.87 1.34 0.00	78.34 1.83 0.00	87.89 2.72 0.00	102.95 3.15 -4.35	117.32 3.95 -3.62	130.27 5.25 0.00	114.74 5.15 0.00	91.14 4.09 0.00	77.66 3.11 -0.39	62.86 2.20 -2.70	52.84 1.79 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.04 -2.81 0.00	40.15 -3.21 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.87 -2.83 0.00	37.36 -2.81 0.01	40.31 -1.86 0.02	39.55 -0.87 7.75	42.16 -0.50 7.58	47.66 -0.55 1.98	47.40 -0.50 7.75	49.73 -0.53 8.48	55.24 -0.49 5.60	54.72 -1.06 14.75	58.96 -0.99 16.55	70.74 0.00 14.43	86.86 0.00 8.59	104.11 -1.87 3.78	118.85 -2.63 3.55	106.63 -2.96 0.00	85.57 -1.48 0.00	69.89 -4.23 0.03	52.48 -3.83 1.65	44.86 -4.29 1.90

PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.29 2.44 0.00	45.53 2.17 0.00	41.94 1.96 0.00	40.25 1.84 0.00	40.52 1.82 0.00	42.19 2.01 0.00	44.52 2.32 0.00	50.86 2.70 0.00	53.36 3.12 0.00	53.16 2.96 0.00	59.60 3.95 0.00	63.14 4.41 0.00	66.12 4.78 0.00	76.53 6.00 0.00	83.47 6.96 0.00	94.53 9.37 0.00	108.67 11.55 -1.67	124.43 13.28 -1.39	138.78 13.75 0.00	119.56 9.97 0.00	94.19 7.14 0.00	79.05 4.89 0.00	61.09 3.13 0.00	53.76 2.71 0.00
PEEKSKILL____ 23653	48.68 1.83 0.00	45.01 1.65 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.13 1.43 0.00	41.67 1.49 0.00	44.05 1.85 0.00	50.34 2.17 0.00	52.80 2.56 0.00	52.64 2.51 0.07	58.92 3.28 0.01	62.61 3.88 0.00	65.31 3.98 0.01	75.38 4.86 0.01	82.22 5.81 0.10	92.79 7.67 0.04	106.10 9.26 -1.39	121.44 10.76 -0.92	136.29 11.38 0.11	117.91 8.32 0.00	92.88 5.83 0.00	77.93 3.78 0.00	60.28 2.32 0.00	53.15 2.09 0.00
PGE MADISON__WINDPWR 24146	49.55 2.67 -0.02	45.72 2.30 -0.06	42.02 2.04 0.00	40.41 2.00 0.00	40.63 1.93 0.00	42.36 2.17 0.00	44.73 2.53 -0.01	53.62 3.47 -1.99	55.77 3.47 -2.06	53.50 2.81 -0.49	60.88 3.06 -2.17	63.91 2.76 -2.41	65.83 2.76 -1.74	78.57 3.60 -4.44	86.16 4.51 -5.14	95.88 5.88 -4.83	107.19 6.30 -5.44	119.52 7.02 -2.74	136.74 9.38 -2.34	120.32 8.77 -1.97	96.08 7.40 -1.63	80.25 5.19 -0.90	62.02 4.23 0.17	54.60 3.27 -0.28
PIERCEFIELD____HYD 23852	46.90 0.05 0.00	43.32 -0.04 0.00	39.78 -0.20 0.00	38.29 -0.12 0.00	38.54 -0.15 0.00	40.06 -0.12 0.00	42.07 -0.13 0.00	48.07 -0.10 0.00	49.94 -0.30 0.00	49.45 -0.75 0.00	54.04 -1.61 0.00	56.62 -2.11 0.00	59.00 -2.33 0.00	67.78 -2.75 0.00	73.22 -3.29 0.00	80.82 -4.34 0.00	90.58 -4.87 0.00	104.27 -5.49 0.00	119.02 -6.00 0.00	105.09 -4.49 0.00	83.65 -3.39 0.00	71.85 -2.30 0.00	56.69 -1.28 0.00	50.49 -0.56 0.00
PINELAWN_CC_1 323563	49.53 2.67 0.00	45.36 2.00 0.00	41.62 1.64 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.87 1.69 0.00	44.39 2.19 0.00	50.57 2.41 0.00	52.44 2.21 0.01	53.26 3.06 0.01	59.09 3.45 0.01	62.29 3.64 0.09	64.99 3.87 0.21	75.48 5.78 0.84	83.63 7.42 0.29	93.52 8.69 0.34	106.34 10.78 -0.11	123.89 13.05 -1.08	136.42 13.00 1.61	117.66 9.09 1.02	93.83 7.22 0.44	78.00 3.85 0.01	60.39 2.43 0.00	53.20 2.14 0.00
PJM_GEN_HTP_PROXY 323702	49.11 2.25 0.00	45.36 2.00 0.00	41.74 1.76 0.00	39.98 1.58 0.00	40.40 1.70 0.00	41.89 1.81 0.10	44.57 2.28 -0.10	50.96 2.79 0.00	53.59 3.32 -0.03	57.30 3.31 -3.79	60.35 4.12 -0.59	63.45 4.70 -0.01	67.08 4.97 -0.78	77.30 5.93 -0.84	89.26 7.03 -5.71	98.21 9.02 -4.03	130.26 10.69 -24.12	164.09 12.40 -41.94	148.10 13.25 -9.83	119.27 9.65 -0.04	93.84 6.79 0.00	78.68 4.52 0.00	60.80 2.84 0.00	53.70 2.65 0.00
PJM_GEN_KEystone 24065	46.20 -0.66 0.00	42.50 -0.87 0.00	39.18 -0.80 0.00	37.56 -0.85 0.00	37.93 -0.77 0.00	39.32 -0.76 0.10	41.95 -0.34 -0.09	46.08 0.00 2.09	48.55 0.35 2.04	50.25 0.30 0.25	54.21 0.61 2.05	57.33 0.88 2.29	60.80 0.92 1.46	67.60 0.99 3.92	73.97 1.53 4.07	84.31 2.72 3.57	97.84 3.53 1.15	113.83 1.98 -2.09	126.37 1.99 0.65	112.14 2.52 -0.04	88.96 1.91 0.00	74.29 0.15 0.01	56.71 -0.52 0.73	49.52 -0.82 0.71
PJM_GEN_NEPTUNE_PROXY 323594	48.92 2.06 0.00	44.84 1.48 0.00	41.22 1.24 0.00	39.45 1.04 0.00	39.82 1.12 0.00	41.33 1.25 0.10	43.99 1.69 -0.10	50.00 1.83 0.00	52.04 1.81 0.01	52.85 2.66 0.01	58.70 3.06 0.01	61.89 3.17 0.02	64.70 3.37 0.01	75.61 5.08 0.01	83.00 6.50 0.01	92.65 7.50 0.01	106.48 9.36 -1.67	122.23 11.08 -1.39	135.86 10.87 0.04	116.96 7.34 -0.03	93.14 6.09 0.00	77.11 2.97 0.01	59.69 1.74 0.01	52.68 1.63 0.01
PJM_GEN_VFT_PROXY 323633	48.87 2.01 0.00	45.14 1.78 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.65 1.57 0.10	44.32 2.03 -0.10	50.72 2.55 0.00	53.34 3.07 -0.04	57.66 3.11 -4.35	60.16 3.84 -0.68	63.10 4.35 -0.02	66.63 4.54 -0.76	77.01 5.51 -0.97	89.27 6.50 -6.26	97.63 8.43 -4.03	129.61 10.02 -24.14	163.33 11.63 -41.94	147.47 12.62 -9.83	118.71 9.09 -0.04	93.32 6.27 0.00	78.23 4.08 0.00	60.51 2.55 0.00	53.50 2.45 0.00
PLATSBURG_115KV_PMLD1 355749	47.37 0.52 0.00	43.80 0.43 0.00	40.26 0.28 0.00	38.72 0.31 0.00	39.01 0.31 0.00	40.51 0.32 0.00	42.53 0.34 0.00	48.50 0.34 0.00	50.54 0.30 0.00	50.55 0.35 0.00	55.15 -0.50 0.00	57.97 -0.76 0.00	59.98 -1.35 0.00	68.56 -1.97 0.00	74.06 -2.45 0.00	81.84 -3.32 0.00	91.82 -3.63 0.00	105.80 -3.95 0.00	120.52 -4.50 0.00	106.19 -3.40 0.00	84.35 -2.70 0.00	72.30 -1.85 0.00	57.21 -0.75 0.00	51.41 0.36 0.00
PLEASANTVLY____LBMP 24000	48.45 1.59 0.00	44.84 1.47 0.00	41.30 1.32 0.00	39.64 1.23 0.00	39.94 1.24 0.00	41.55 1.37 0.00	43.80 1.60 0.00	50.05 1.88 0.00	52.45 2.21 0.00	52.36 2.16 0.00	58.49 2.84 0.00	61.91 3.17 0.00	64.71 3.37 0.00	74.70 4.16 0.00	81.49 4.97 -0.01	91.72 6.56 0.00	105.40 7.92 -2.02	120.77 9.33 -1.68	134.90 9.88 0.00	116.49 6.90 0.00	92.01 4.96 0.00	77.42 3.26 0.00	59.93 1.97 0.00	52.84 1.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.82 1.97 0.00	45.18 1.82 0.00	41.58 1.60 0.00	39.91 1.50 0.00	40.25 1.55 0.00	41.83 1.65 0.00	44.18 1.98 0.00	50.53 2.36 0.00	53.00 2.76 0.00	52.95 2.76 0.01	59.21 3.56 0.00	62.73 3.99 0.00	65.55 4.23 0.02	75.75 5.22 0.00	82.70 6.20 0.01	93.25 8.09 0.00	106.89 9.64 -1.80	122.78 11.52 -1.50	137.40 12.38 0.00	118.35 8.77 0.00	93.40 6.35 0.00	78.38 4.23 0.00	60.45 2.49 0.00	53.35 2.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.82 1.97 0.00	45.18 1.82 0.00	41.58 1.60 0.00	39.91 1.50 0.00	40.25 1.55 0.00	41.83 1.65 0.00	44.18 1.98 0.00	50.53 2.36 0.00	53.00 2.76 0.00	52.95 2.76 0.01	59.21 3.56 0.00	62.73 3.99 0.00	65.55 4.23 0.02	75.75 5.22 0.00	82.70 6.20 0.01	93.25 8.09 0.00	106.89 9.64 -1.80	122.78 11.52 -1.50	137.40 12.38 0.00	118.35 8.77 0.00	93.40 6.35 0.00	78.38 4.23 0.00	60.45 2.49 0.00	53.35 2.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.87 2.01 0.00	45.18 1.82 0.00	41.66 1.68 0.00	39.98 1.57 0.00	40.25 1.55 0.00	41.87 1.69 0.00	44.14 1.94 0.00	50.43 2.26 0.00	52.80 2.56 0.00	52.71 2.51 -0.01	58.88 3.23 0.00	62.32 3.58 0.00	65.20 3.86 0.00	75.33 4.80 0.00	82.18 5.66 -0.01	92.66 7.49 0.00	106.61 9.07 -2.09	121.92 10.43 -1.74	136.15 11.13 0.00	117.69 8.11 0.00	93.05 6.01 0.00	78.24 4.00 -0.09	61.17 2.61 -0.60	53.35 2.30 0.00
POLETTI____ 23519	49.11 2.25 0.00	45.36 1.99 0.00	41.74 1.76 0.00	39.98 1.57 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.43 2.24 0.00	50.91 2.75 0.00	53.55 3.27 -0.04	58.01 3.21 -4.60	60.43 4.06 -0.71	63.22 4.46 -0.02	66.71 4.78 -0.59	77.34 5.78 -1.02	90.33 6.89 -6.93	97.97 8.77 -4.03	130.12 10.40 -24.26	164.09 12.29 -42.04	148.14 13.25 -9.86	118.79 9.21 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.66 2.60 0.00

POMONA___ESR 323819	48.54 1.68 0.00	44.92 1.56 0.00	41.42 1.44 0.00	39.75 1.34 0.00	40.05 1.35 0.00	41.63 1.44 0.00	43.97 1.77 0.00	50.19 2.02 0.00	52.65 2.41 0.00	52.56 2.41 0.05	58.81 3.17 0.01	62.50 3.76 0.00	65.20 3.87 0.00	75.18 4.65 0.01	82.09 5.66 0.08	92.57 7.41 0.00	105.96 8.97 -1.54	121.35 10.31 -1.28	136.03 11.00 0.00	117.58 8.00 0.00	92.70 5.65 0.00	77.79 3.63 0.00	60.22 2.26 0.00	53.04 1.99 0.00
PORT_JEFF_3 23555	49.43 2.58 0.00	45.18 1.82 0.00	41.46 1.48 0.00	39.68 1.27 0.00	40.09 1.39 0.00	41.59 1.41 0.00	44.10 1.90 0.00	50.00 1.83 0.00	51.74 1.51 0.01	52.55 2.36 0.01	58.14 2.51 0.01	60.93 2.65 0.45	62.91 2.70 1.12	70.53 4.52 4.52	80.97 6.04 1.58	90.39 7.06 1.84	97.88 9.26 6.83	121.00 11.52 0.28	127.29 11.00 8.74	111.21 7.12 5.49	90.23 5.58 2.39	76.80 2.67 0.02	59.80 1.85 0.02	52.83 1.79 0.01
PORT_JEFF_4 23616	49.43 2.58 0.00	45.18 1.82 0.00	41.46 1.48 0.00	39.68 1.27 0.00	40.09 1.39 0.00	41.59 1.41 0.00	44.10 1.90 0.00	50.00 1.83 0.00	51.74 1.51 0.01	52.55 2.36 0.01	58.14 2.51 0.01	60.93 2.65 0.45	62.91 2.70 1.12	70.53 4.52 4.52	80.97 6.04 1.58	90.39 7.06 1.84	97.88 9.26 6.83	121.00 11.52 0.28	127.29 11.00 8.74	111.21 7.12 5.49	90.23 5.58 2.39	76.80 2.67 0.02	59.80 1.85 0.02	52.83 1.79 0.01
PORT_JEFF_IC 23713	49.53 2.67 0.00	45.27 1.91 0.00	41.54 1.56 0.00	39.75 1.34 0.00	40.13 1.43 0.00	41.71 1.53 0.00	44.22 2.03 0.00	50.14 1.97 0.00	51.95 1.71 0.00	52.75 2.56 0.01	58.75 3.12 0.01	60.89 2.53 0.37	63.27 2.88 0.94	71.59 4.80 3.74	81.40 6.20 1.31	90.97 7.32 1.52	99.58 9.35 5.23	121.50 11.63 -0.11	129.18 11.38 7.22	112.17 7.12 4.53	90.73 5.66 1.97	77.47 3.34 0.02	59.98 2.03 0.01	52.99 1.94 0.00
PPL PILGRIM_ST_GT1 24216	49.71 2.86 0.00	45.49 2.12 0.00	41.74 1.76 0.00	39.95 1.54 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.52 2.32 0.00	50.62 2.46 0.00	52.44 2.21 0.01	53.26 3.06 0.01	59.03 3.40 0.01	61.84 3.52 0.42	64.04 3.74 1.04	71.77 5.43 4.19	82.16 7.12 1.47	91.56 8.09 1.70	99.56 10.31 6.21	122.21 12.62 0.16	129.18 12.26 8.10	112.93 8.44 5.09	91.45 6.61 2.21	77.69 3.56 0.02	60.27 2.32 0.01	53.14 2.09 0.00
PPL PILGRIM_ST_GT2 24217	49.71 2.86 0.00	45.49 2.12 0.00	41.74 1.76 0.00	39.95 1.54 0.00	40.36 1.66 0.00	41.99 1.81 0.00	44.52 2.32 0.00	50.62 2.46 0.00	52.44 2.21 0.01	53.26 3.06 0.01	59.03 3.40 0.01	61.84 3.52 0.42	64.04 3.74 1.04	71.77 5.43 4.19	82.16 7.12 1.47	91.56 8.09 1.70	99.56 10.31 6.21	122.21 12.62 0.16	129.18 12.26 8.10	112.93 8.44 5.09	91.45 6.61 2.21	77.69 3.56 0.02	60.27 2.32 0.01	53.14 2.09 0.00
PPL_SHRM_GT3 24213	49.48 2.62 0.00	45.18 1.82 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.39 2.19 0.00	50.28 2.12 0.00	51.84 1.61 0.01	52.60 2.41 0.01	57.92 2.28 0.01	60.95 2.65 0.43	62.72 2.46 1.07	70.43 4.23 4.34	80.97 5.97 1.51	90.64 7.23 1.76	98.61 9.64 6.48	121.72 12.18 0.21	128.27 11.63 8.38	111.99 7.67 5.26	90.94 6.18 2.29	77.18 3.04 0.02	59.68 1.74 0.02	52.63 1.58 0.00
PPL_SHRM_GT4 24214	49.48 2.62 0.00	45.18 1.82 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.39 2.19 0.00	50.28 2.12 0.00	51.84 1.61 0.01	52.60 2.41 0.01	57.92 2.28 0.01	60.95 2.65 0.43	62.72 2.46 1.07	70.43 4.23 4.34	80.97 5.97 1.51	90.64 7.23 1.76	98.61 9.64 6.48	121.72 12.18 0.21	128.27 11.63 8.38	111.99 7.67 5.26	90.94 6.18 2.29	77.18 3.04 0.02	59.68 1.74 0.02	52.63 1.58 0.00
PROJECT___ORANGE 1 24174	46.26 -0.61 -0.01	42.71 -0.69 -0.04	39.30 -0.68 0.01	37.76 -0.65 0.00	38.04 -0.66 0.00	39.54 -0.64 0.00	41.61 -0.59 0.00	47.63 -0.58 -0.04	49.95 -0.40 -0.11	49.75 -0.45 0.00	55.47 -0.33 -0.15	58.46 -0.47 -0.19	61.06 -0.49 -0.22	70.38 -0.63 -0.48	76.61 -0.54 -0.64	85.86 -0.09 -0.78	96.12 -0.19 -0.86	109.90 -0.55 -0.69	125.09 -0.50 -0.57	110.80 0.00 -1.21	88.23 0.17 -1.00	74.33 -0.37 -0.55	56.98 -0.35 0.64	50.13 -0.61 0.31
PROJECT___ORANGE 2 24166	46.26 -0.61 -0.01	42.71 -0.69 -0.04	39.30 -0.68 0.01	37.76 -0.65 0.00	38.04 -0.66 0.00	39.54 -0.64 0.00	41.61 -0.59 0.00	47.63 -0.58 -0.04	49.95 -0.40 -0.11	49.75 -0.45 0.00	55.47 -0.33 -0.15	58.46 -0.47 -0.19	61.06 -0.49 -0.22	70.38 -0.63 -0.48	76.61 -0.54 -0.64	85.86 -0.09 -0.78	96.12 -0.19 -0.86	109.90 -0.55 -0.69	125.09 -0.50 -0.57	110.80 0.00 -1.21	88.23 0.17 -1.00	74.33 -0.37 -0.55	56.98 -0.35 0.64	50.13 -0.61 0.31
PUCKETT___SOLAR 323809	47.44 0.56 -0.02	43.81 0.39 -0.06	40.34 0.36 0.00	38.72 0.31 0.00	39.01 0.31 0.00	40.59 0.40 0.00	42.87 0.67 0.00	50.51 1.06 -1.28	52.81 1.20 -1.36	51.56 1.06 -0.31	58.33 1.22 -1.45	61.60 1.24 -1.63	63.84 1.29 -1.22	75.15 1.55 -3.07	82.17 2.07 -3.60	91.64 2.98 -3.49	102.42 2.96 -4.01	114.47 2.19 -2.52	130.34 3.00 -2.32	115.53 3.83 -2.12	92.11 3.31 -1.75	76.98 1.85 -0.97	58.91 1.16 0.21	51.91 0.66 -0.20
PYRITES___HYD 24023	47.75 0.89 0.00	44.10 0.74 0.00	40.46 0.48 0.00	38.99 0.58 0.00	39.20 0.50 0.00	40.75 0.56 0.00	42.79 0.59 0.00	48.84 0.67 0.00	50.54 0.30 0.00	50.05 -0.15 0.00	54.65 -1.00 0.00	57.27 -1.47 0.00	59.68 -1.66 0.00	68.63 -1.90 0.00	74.14 -2.37 0.00	81.84 -3.32 0.00	91.82 -3.63 0.00	105.80 -3.95 0.00	121.15 -3.88 0.00	107.17 -2.41 0.00	85.39 -1.65 0.00	73.34 -0.82 0.00	57.90 -0.06 0.00	51.46 0.41 0.00
QUAKERRD_115KV_BK1 80622	44.56 -2.30 0.00	40.89 -2.47 0.00	37.69 -2.28 0.01	36.14 -2.27 0.00	36.49 -2.21 0.00	37.93 -2.25 0.00	39.83 -2.36 0.00	44.07 -2.60 1.50	46.42 -2.36 1.46	47.46 -2.36 0.38	51.59 -2.56 1.50	54.45 -2.64 1.64	57.56 -2.70 1.08	64.23 -3.46 2.85	69.64 -3.67 3.20	79.23 -3.15 2.78	88.74 -3.53 3.18	102.90 -4.61 2.24	117.20 -5.13 2.70	106.95 -2.63 0.00	85.22 -1.83 0.00	72.04 -2.08 0.04	54.20 -1.80 1.96	47.30 -2.25 1.51
QUENSBRY_115KV_TB8 356137	49.20 2.34 0.00	45.62 2.25 0.00	42.06 2.08 0.00	40.25 1.84 0.00	40.56 1.86 0.00	42.11 1.93 0.00	43.84 1.65 0.00	49.90 1.73 0.00	51.80 1.56 0.00	51.70 1.51 0.00	57.32 1.67 0.00	60.91 2.17 0.00	63.60 2.27 0.00	73.35 2.82 0.00	79.80 3.29 0.00	89.34 4.17 0.00	106.85 4.20 -7.20	120.90 5.16 -5.99	131.65 6.63 0.00	115.94 6.36 0.00	91.84 4.79 0.00	78.34 3.56 -0.62	64.70 2.43 -4.30	52.99 1.94 0.00
RAMAPO___LBMP 323565	48.36 1.50 0.00	44.79 1.43 0.00	41.26 1.28 0.00	39.60 1.19 0.00	39.94 1.24 0.00	41.51 1.33 0.00	43.84 1.65 0.00	50.05 1.88 0.00	52.55 2.31 0.00	52.41 2.26 0.05	58.65 3.01 0.01	62.09 3.35 0.00	64.89 3.56 0.00	74.83 4.30 0.01	81.71 5.28 0.08	92.15 6.98 0.00	105.49 8.40 -1.64	121.11 9.99 -1.37	135.65 10.63 0.00	117.04 7.45 0.00	92.36 5.31 0.00	77.49 3.34 0.00	59.99 2.03 0.00	52.89 1.84 0.00

RANKINE_____	44.04	40.15	37.14	35.49	35.87	37.32	39.64	37.59	40.16	46.18	45.26	47.38	53.01	51.41	55.24	66.96	78.83	100.03	115.81	106.08	85.22	70.49	53.21	45.49
23646	-2.81	-3.21	-2.84	-2.92	-2.83	-2.85	-2.53	-2.12	-1.81	-1.86	-1.95	-2.11	-2.21	-3.03	-3.21	-2.47	-2.67	-4.83	-5.50	-3.51	-1.83	-3.63	-3.07	-3.57
	0.00	0.00	0.01	0.00	0.00	0.01	0.03	8.46	8.27	2.16	8.45	9.25	6.11	16.09	18.06	15.73	13.95	4.89	3.71	0.00	0.00	0.03	1.68	1.99
RAVENSWOOD_GT2_1	49.11	45.36	41.74	39.98	40.36	42.03	44.43	50.91	53.55	58.13	60.45	63.22	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.79	93.58	78.60	60.74	53.66
24244	2.25	1.99	1.76	1.57	1.66	1.85	2.24	2.75	3.27	3.21	4.06	4.46	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.21	6.53	4.45	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	49.11	45.36	41.74	39.98	40.36	42.03	44.43	50.91	53.55	58.13	60.45	63.22	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.79	93.58	78.60	60.74	53.66
24245	2.25	1.99	1.76	1.57	1.66	1.85	2.24	2.75	3.27	3.21	4.06	4.46	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.21	6.53	4.45	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	49.15	45.40	41.74	40.02	40.40	42.03	44.47	50.96	53.55	58.18	60.50	63.28	66.73	77.44	90.59	98.05	130.22	164.20	148.14	118.90	93.66	78.68	60.74	53.66
24246	2.30	2.04	1.76	1.61	1.70	1.85	2.28	2.79	3.27	3.26	4.12	4.52	4.78	5.85	6.96	8.86	10.50	12.40	13.25	9.31	6.62	4.52	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	49.15	45.40	41.74	40.02	40.40	42.03	44.47	50.96	53.55	58.18	60.50	63.28	66.73	77.44	90.59	98.05	130.22	164.20	148.14	118.90	93.66	78.68	60.74	53.66
24247	2.30	2.04	1.76	1.61	1.70	1.85	2.28	2.79	3.27	3.26	4.12	4.52	4.78	5.85	6.96	8.86	10.50	12.40	13.25	9.31	6.62	4.52	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	49.11	45.36	41.74	40.02	40.40	42.03	44.43	50.91	53.55	58.13	60.45	63.22	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.79	93.58	78.60	60.74	53.66
24248	2.25	1.99	1.76	1.61	1.70	1.85	2.24	2.75	3.27	3.21	4.06	4.46	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.21	6.53	4.45	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	49.11	45.36	41.74	40.02	40.40	42.03	44.43	50.91	53.55	58.13	60.45	63.22	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.79	93.58	78.60	60.74	53.66
24249	2.25	1.99	1.76	1.61	1.70	1.85	2.24	2.75	3.27	3.21	4.06	4.46	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.21	6.53	4.45	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	49.20	45.44	41.78	40.06	40.44	42.07	44.52	51.01	53.65	58.23	60.56	63.34	66.85	77.51	90.66	98.14	130.41	164.42	148.39	119.01	93.84	78.75	60.86	53.76
24250	2.34	2.08	1.80	1.65	1.74	1.89	2.32	2.84	3.37	3.31	4.17	4.58	4.91	5.92	7.04	8.94	10.69	12.62	13.50	9.42	6.79	4.60	2.90	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	49.20	45.44	41.78	40.06	40.44	42.07	44.52	51.01	53.65	58.23	60.56	63.34	66.85	77.51	90.66	98.14	130.41	164.42	148.39	119.01	93.84	78.75	60.86	53.76
24251	2.34	2.08	1.80	1.65	1.74	1.89	2.32	2.84	3.37	3.31	4.17	4.58	4.91	5.92	7.04	8.94	10.69	12.62	13.50	9.42	6.79	4.60	2.90	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	49.35	45.58	41.95	40.19	40.57	42.20	44.64	51.15	53.75	58.23	60.61	63.45	66.85	77.51	90.59	98.05	130.31	164.20	148.26	119.23	93.92	78.90	61.04	53.92
23729	2.48	2.21	1.96	1.77	1.86	2.01	2.45	2.99	3.47	3.31	4.23	4.70	4.91	5.92	6.96	8.86	10.60	12.40	13.38	9.64	6.88	4.75	3.07	2.86
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	-0.01	-0.01
RAVENSWOOD_GT_10	49.10	45.36	41.74	39.98	40.36	42.03	44.43	50.91	53.55	58.13	60.45	63.22	66.73	77.37	90.51	97.97	130.22	164.09	148.14	118.79	93.58	78.60	60.74	53.65
24258	2.25	1.99	1.76	1.57	1.66	1.85	2.24	2.75	3.27	3.21	4.06	4.46	4.78	5.78	6.89	8.77	10.50	12.29	13.25	9.21	6.53	4.45	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	49.10	45.36	41.74	39.98	40.36	42.03	44.43	50.91	53.55	58.13	60.45	63.22	66.73	77.37	90.51	97.97	130.22	164.09	148.14	118.79	93.58	78.60	60.74	53.65
24259	2.25	1.99	1.76	1.57	1.66	1.85	2.24	2.75	3.27	3.21	4.06	4.46	4.78	5.78	6.89	8.77	10.50	12.29	13.25	9.21	6.53	4.45	2.78	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.86	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	49.21	45.45	41.79	40.07	40.45	42.08	44.47	50.96	53.60	58.13	60.50	63.28	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.90	93.67	78.68	60.81	53.71
24252	2.34	2.08	1.80	1.65	1.74	1.89	2.28	2.79	3.32	3.21	4.12	4.52	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.31	6.62	4.52	2.84	2.65
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.87	0.00	0.00	0.00	-0.01	-0.01
RAVENSWOOD_GT_5	49.21	45.45	41.79	40.07	40.45	42.08	44.47	50.96	53.60	58.13	60.50	63.28	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.90	93.67	78.68	60.81	53.71
24254	2.34	2.08	1.80	1.65	1.74	1.89	2.28	2.79	3.32	3.21	4.12	4.52	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.31	6.62	4.52	2.84	2.65
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.87	0.00	0.00	0.00	-0.01	-0.01
RAVENSWOOD_GT_6	49.21	45.45	41.79	40.07	40.45	42.08	44.47	50.96	53.60	58.13	60.50	63.28	66.73	77.37	90.51	97.97	130.12	164.09	148.14	118.90	93.67	78.68	60.81	53.71
24253	2.34	2.08	1.80	1.65	1.74	1.89	2.28	2.79	3.32	3.21	4.12	4.52	4.78	5.78	6.89	8.77	10.40	12.29	13.25	9.31	6.62	4.52	2.84	2.65
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.04	-4.72	-0.73	-0.02	-0.61	-1.05	-7.11	-4.03	-24.26	-42.04	-9.87	0.00	0.00	0.00	-0.01	-0.01

RAVENSWOOD_GT_7 24255	49.21 2.34 -0.01	45.45 2.08 -0.01	41.79 1.80 -0.01	40.07 1.65 -0.01	40.45 1.74 -0.01	42.08 1.89 -0.01	44.47 2.28 0.00	50.96 2.79 0.00	53.60 3.32 -0.04	58.13 3.21 -4.72	60.50 4.12 -0.73	63.28 4.52 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.51 6.89 -7.11	97.97 8.77 -4.03	130.12 10.40 -24.26	164.09 12.29 -42.04	148.14 13.25 -9.87	118.90 9.31 0.00	93.67 6.62 0.00	78.68 4.52 0.00	60.81 2.84 -0.01	53.71 2.65 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.10 2.25 0.00	45.36 1.99 0.00	41.74 1.76 0.00	39.98 1.57 0.00	40.36 1.66 0.00	42.03 1.85 0.00	44.43 2.24 0.00	50.91 2.75 0.00	53.55 3.27 -0.04	58.13 3.21 -4.72	60.45 4.06 -0.73	63.22 4.46 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.51 6.89 -7.11	97.97 8.77 -4.03	130.22 10.50 -24.26	164.09 12.29 -42.04	148.14 13.25 -9.86	118.79 9.21 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
RAVENSWOOD_GT_9 24257	49.10 2.25 0.00	45.36 1.99 0.00	41.74 1.76 0.00	39.98 1.57 0.00	40.36 1.66 0.00	42.03 1.85 0.00	44.43 2.24 0.00	50.91 2.75 0.00	53.55 3.27 -0.04	58.13 3.21 -4.72	60.45 4.06 -0.73	63.22 4.46 -0.02	66.73 4.78 -0.61	77.37 5.78 -1.05	90.51 6.89 -7.11	97.97 8.77 -4.03	130.22 10.50 -24.26	164.09 12.29 -42.04	148.14 13.25 -9.86	118.79 9.21 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.74 2.78 0.00	53.65 2.60 0.00
RAVENSWOOD___1 23533	49.35 2.48 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.16 1.97 -0.01	44.60 2.40 0.00	51.11 2.94 0.00	53.70 3.42 -0.04	58.18 3.26 -4.72	60.56 4.18 -0.73	63.57 4.82 -0.02	67.05 4.91 -0.81	77.43 5.85 -1.05	90.59 6.96 -7.12	97.97 8.77 -4.03	130.10 10.50 -24.15	163.77 12.07 -41.95	148.01 13.12 -9.86	119.33 9.75 0.00	93.92 6.88 0.00	78.83 4.67 0.00	60.98 3.01 -0.01	53.81 2.75 -0.01
RAVENSWOOD___2 23534	49.30 2.43 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.19 1.77 -0.01	40.56 1.86 -0.01	42.12 1.93 -0.01	44.52 2.32 0.00	51.01 2.84 0.00	53.55 3.26 -0.04	58.08 3.16 -4.72	60.39 4.01 -0.73	63.46 4.70 -0.02	66.68 4.54 -0.81	77.02 5.43 -1.05	90.05 6.43 -7.12	97.29 8.09 -4.03	129.34 9.74 -24.15	162.78 11.08 -41.95	146.89 12.00 -9.86	118.57 8.99 0.00	93.32 6.27 0.00	78.30 4.15 0.00	60.87 2.90 -0.01	53.71 2.65 -0.01
RAVENSWOOD___3 23535	49.11 2.25 0.00	45.36 2.00 0.00	41.74 1.76 0.00	40.02 1.61 0.00	40.40 1.70 0.00	41.95 1.77 0.00	44.43 2.23 0.00	50.96 2.79 0.00	53.50 3.22 -0.04	58.13 3.22 -4.72	60.44 4.06 -0.73	63.39 4.64 -0.02	66.99 4.84 -0.81	77.37 5.78 -1.05	90.52 6.89 -7.12	97.97 8.77 -4.03	130.10 10.50 -24.15	163.77 12.07 -41.95	147.89 13.00 -9.86	119.01 9.43 0.00	93.58 6.53 0.00	78.60 4.45 0.00	60.69 2.72 0.00	53.60 2.55 0.00
RAVENSWOOD___4 23820	49.30 2.43 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.15 1.73 -0.01	40.53 1.82 -0.01	42.12 1.93 -0.01	44.56 2.36 0.00	51.10 2.94 0.00	53.65 3.37 -0.04	58.13 3.22 -4.72	60.50 4.12 -0.73	63.57 4.82 -0.02	66.99 4.84 -0.81	77.43 5.85 -1.05	90.52 6.89 -7.12	97.97 8.77 -4.03	130.10 10.50 -24.15	163.77 12.07 -41.95	147.89 13.00 -9.87	119.33 9.75 0.00	93.84 6.79 0.00	78.75 4.60 0.00	60.92 2.95 -0.01	53.81 2.75 -0.01
RCPL_TRUST___DRP 24196	49.20 2.34 0.00	45.44 2.08 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.11 1.93 0.00	44.56 2.36 0.00	51.10 2.94 0.00	53.74 3.47 -0.03	57.45 3.46 -3.78	60.58 4.34 -0.59	63.45 4.70 -0.01	66.90 5.09 -0.48	77.51 6.14 -0.84	89.49 7.27 -5.71	98.47 9.28 -4.03	130.76 11.07 -24.24	164.74 12.95 -42.04	148.77 13.88 -9.86	119.45 9.86 0.00	94.01 6.96 0.00	78.90 4.75 0.00	60.98 3.01 0.00	53.81 2.76 0.00
RED___ROCHESTER 323720	45.69 -1.17 0.00	41.93 -1.43 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.36 0.00	38.86 -1.33 0.00	40.88 -1.31 0.00	45.37 -1.35 1.45	47.87 -0.96 1.41	48.87 -0.96 0.37	53.20 -1.00 1.45	56.15 -1.00 1.59	59.37 -0.92 1.04	66.16 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.63 -0.77 3.06	106.66 -0.88 2.22	121.21 -1.13 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.26 0.15 0.04	55.94 -0.06 1.96	48.63 -0.92 1.51
REGAN___SOLAR 323812	50.04 3.19 0.00	46.40 3.03 0.00	42.78 2.80 0.00	40.98 2.57 0.00	41.29 2.59 0.00	42.88 2.69 0.00	44.68 2.49 0.00	50.43 2.26 0.00	51.95 1.71 0.00	51.45 1.26 0.00	56.70 1.05 0.00	60.03 1.29 0.00	62.56 1.23 0.00	72.16 1.62 0.00	78.80 2.29 0.00	88.74 3.58 0.00	103.94 4.39 -4.10	118.87 5.70 -3.41	133.90 8.88 0.00	119.01 9.43 0.00	94.71 7.66 0.00	80.45 5.93 -0.37	64.84 4.35 -2.53	54.57 3.52 0.00
RENSSELAER___COGEN 23796	47.46 0.61 0.00	44.05 0.69 0.00	40.70 0.72 0.00	39.10 0.69 0.00	39.36 0.66 0.00	40.83 0.64 0.00	42.83 0.63 0.00	48.60 0.43 0.00	50.60 0.35 0.00	50.45 0.25 0.00	55.93 0.28 0.00	59.09 0.35 0.00	61.77 0.43 0.00	71.03 0.50 0.00	77.12 0.61 0.00	86.36 1.19 0.00	63.84 1.43 33.05	83.81 1.54 27.48	126.90 1.88 0.00	111.00 1.42 0.00	88.01 0.96 0.00	72.77 0.59 1.98	44.61 0.29 13.64	51.36 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.78 4.92 0.00	47.96 4.60 0.00	44.22 4.24 0.00	42.25 3.84 0.00	42.53 3.83 0.00	44.20 4.02 0.00	46.54 4.35 0.00	52.50 4.34 0.00	54.16 3.92 0.00	53.91 3.71 0.00	59.49 3.84 0.00	63.50 4.76 0.00	66.24 4.91 0.00	76.46 5.92 0.00	83.17 6.66 0.00	93.17 8.01 0.00	111.87 8.59 -7.83	127.02 10.76 -6.51	139.65 14.63 0.00	124.71 15.12 0.00	98.80 11.75 0.00	84.13 9.34 -0.64	69.03 6.67 -4.40	56.46 5.41 0.00
REVERE_CPPR_DRP 24186	48.26 1.41 0.00	44.53 1.17 0.00	41.02 1.04 0.00	39.41 1.00 0.00	39.67 0.97 0.00	41.27 1.08 0.00	43.38 1.18 0.00	49.90 1.73 0.00	52.10 1.86 0.00	51.65 1.46 0.00	57.21 1.56 0.00	60.03 1.29 0.00	62.62 1.29 0.00	72.30 1.76 0.00	78.57 2.07 0.00	87.81 2.64 0.00	98.22 2.77 0.00	112.38 2.85 0.23	128.52 3.88 0.38	113.42 3.84 0.00	90.27 3.22 0.00	76.45 2.30 0.01	59.68 2.03 0.31	52.42 1.58 0.22
REYNLDPA_13_KV_LD 356490	47.28 0.42 0.00	43.71 0.35 0.00	40.14 0.16 0.00	38.60 0.19 0.00	38.89 0.19 0.00	40.43 0.24 0.00	42.41 0.21 0.00	48.36 0.19 0.00	50.14 -0.10 0.00	50.10 -0.10 0.00	54.76 -0.89 0.00	57.68 -1.06 0.00	60.17 -1.17 0.00	69.12 -1.41 0.00	74.67 -1.84 0.00	82.52 -2.64 0.00	92.39 -3.06 0.00	106.57 -3.19 0.00	121.39 -3.63 0.00	106.73 -2.85 0.00	84.96 -2.09 0.00	73.11 -1.04 0.00	57.09 -0.87 0.00	51.26 0.21 0.00
REYNOLDS_115KV_TB3 80639	47.84 0.98 0.00	44.36 1.00 0.00	40.98 1.00 0.00	39.37 0.96 0.00	39.67 0.97 0.00	41.15 0.96 0.00	43.17 0.97 0.00	49.08 0.92 0.00	51.15 0.90 0.00	51.05 0.85 0.00	56.54 0.89 0.00	59.85 1.12 0.00	62.56 1.23 0.00	71.94 1.41 0.00	78.19 1.68 0.00	87.55 2.38 0.00	119.15 2.67 -21.02	130.20 2.96 -17.48	128.40 3.38 0.00	112.32 2.74 0.00	89.14 2.09 0.00	77.32 1.56 -1.61	70.12 1.04 -11.12	52.02 0.97 0.00

RIVERBAY____ 323610	50.38 3.51 -0.01	46.49 3.12 -0.01	42.75 2.76 -0.01	40.95 2.54 -0.01	41.38 2.67 -0.01	43.01 2.81 -0.01	45.40 3.21 0.00	51.92 3.76 0.00	54.50 4.22 -0.04	58.80 4.02 -4.58	61.42 5.06 -0.71	64.34 5.58 -0.02	67.83 5.89 -0.61	77.60 7.05 -0.02	91.71 8.26 -6.94	99.50 10.30 -4.03	132.03 12.31 -24.26	166.18 14.38 -42.04	150.77 15.88 -9.86	122.08 12.49 -0.01	96.28 9.23 0.00	80.83 6.67 -0.01	62.43 4.46 -0.01	54.99 3.93 -0.01
RIVERSIDE_115KV_TB3 55908	47.70 0.84 0.00	44.27 0.91 0.00	40.90 0.92 0.00	39.25 0.85 0.00	39.55 0.85 0.00	41.07 0.88 0.00	43.04 0.84 0.00	48.94 0.77 0.00	50.95 0.70 0.00	50.85 0.65 0.00	56.32 0.67 0.00	59.62 0.88 0.00	62.32 0.98 0.00	71.66 1.13 0.00	77.89 1.38 0.00	87.21 2.04 0.00	106.24 2.29 -8.50	119.35 2.52 -7.07	128.02 3.00 0.00	111.99 2.41 0.00	88.88 1.83 0.00	76.18 1.26 -0.77	64.07 0.81 -5.30	51.87 0.82 0.00
ROARING____BROOK_WT_PWR 323790	46.25 -0.61 0.00	42.84 -0.52 0.00	39.50 -0.48 0.00	37.99 -0.42 0.00	38.27 -0.42 0.00	39.74 -0.44 0.00	41.77 -0.42 0.00	47.69 -0.48 0.00	49.79 -0.45 0.00	49.75 -0.45 0.00	54.98 -0.67 0.00	57.97 -0.77 0.00	60.48 -0.86 0.00	69.48 -1.06 0.00	75.21 -1.30 0.00	83.54 -1.62 0.00	93.64 -1.82 0.00	107.89 -1.87 0.00	123.15 -1.87 0.00	108.16 -1.43 0.00	86.01 -1.04 0.00	73.27 -0.89 0.00	57.33 -0.64 0.00	50.54 -0.51 0.00
ROCHESRG_115KV_T4 355643	45.02 -1.83 0.01	41.21 -2.12 0.03	38.09 -1.88 0.01	36.49 -1.92 0.00	36.84 -1.86 0.00	38.29 -1.89 0.00	40.21 -1.98 0.01	44.31 -2.12 1.74	46.69 -1.81 1.75	47.90 -1.86 0.44	51.83 -2.00 1.82	54.68 -2.06 2.00	57.87 -2.09 1.38	64.13 -2.82 3.58	69.44 -2.98 4.08	79.07 -2.38 3.71	88.67 -2.58 4.20	103.53 -3.84 2.38	118.11 -4.13 2.79	108.16 -1.42 0.00	86.35 -0.70 0.00	72.93 -1.19 0.04	54.85 -1.10 2.01	47.76 -1.74 1.56
ROCHESTER_9_IC 23652	45.45 -1.41 0.00	41.63 -1.73 0.00	38.41 -1.56 0.01	36.80 -1.61 0.00	37.15 -1.55 0.00	38.62 -1.57 0.00	40.59 -1.60 0.00	45.10 -1.64 1.43	47.54 -1.31 1.40	48.53 -1.31 0.37	52.82 -1.39 1.44	55.75 -1.41 1.57	58.95 -1.35 1.03	65.69 -2.12 2.72	71.23 -2.22 3.06	81.14 -1.36 2.67	90.90 -1.53 3.02	105.03 -2.52 2.21	119.59 -2.75 2.68	109.36 -0.22 0.00	87.22 0.17 0.00	73.67 -0.44 0.04	55.48 -0.52 1.96	48.27 -1.28 1.50
ROCKVIEW_13_KV_LD 356306	49.06 2.20 0.00	45.36 1.99 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.40 1.70 0.00	42.03 1.85 0.00	44.39 2.19 0.00	50.82 2.65 0.00	53.36 3.12 0.00	53.38 3.11 -0.07	59.67 4.01 -0.01	63.20 4.46 0.00	66.06 4.72 0.00	76.40 5.85 -0.01	83.51 6.89 -0.11	94.02 8.86 0.00	107.84 10.60 -1.79	123.98 12.73 -1.49	138.65 13.63 0.00	119.45 9.86 0.00	94.19 7.14 0.00	78.97 4.82 0.00	60.80 2.84 0.00	53.60 2.55 0.00
ROME____115KV_TB2 80656	48.26 1.41 0.00	44.53 1.17 0.00	41.02 1.04 0.00	39.41 1.00 0.00	39.67 0.97 0.00	41.27 1.08 0.00	43.38 1.18 0.00	49.90 1.73 0.00	52.10 1.86 0.00	51.65 1.46 0.00	57.21 1.56 0.00	60.03 1.29 0.00	62.62 1.29 0.00	72.30 1.76 0.00	78.57 2.07 0.00	87.81 2.64 0.00	98.22 2.77 0.00	112.38 2.85 0.23	128.52 3.88 0.38	113.42 3.84 0.00	90.27 3.22 0.00	76.45 2.30 0.01	59.68 2.03 0.31	52.42 1.58 0.22
ROSETON____1 23587	48.36 1.50 0.00	44.71 1.35 0.00	41.26 1.28 0.00	39.56 1.15 0.00	39.90 1.20 0.00	41.43 1.25 0.00	43.71 1.52 0.00	49.95 1.78 0.00	52.35 2.11 0.00	52.27 2.06 -0.01	58.32 2.67 0.00	61.79 3.05 0.00	64.52 3.19 0.00	74.41 3.88 0.00	81.20 4.67 -0.02	91.38 6.21 0.00	104.47 7.54 -1.48	119.66 8.67 -1.23	134.15 9.12 0.00	116.27 6.69 0.00	91.75 4.70 0.00	77.12 2.97 0.00	59.76 1.80 0.00	52.69 1.63 0.00
ROSETON____2 23588	48.36 1.50 0.00	44.71 1.35 0.00	41.26 1.28 0.00	39.56 1.15 0.00	39.90 1.20 0.00	41.43 1.25 0.00	43.71 1.52 0.00	49.95 1.78 0.00	52.35 2.11 0.00	52.27 2.06 -0.01	58.32 2.67 0.00	61.79 3.05 0.00	64.52 3.19 0.00	74.41 3.88 0.00	81.20 4.67 -0.02	91.38 6.21 0.00	104.47 7.54 -1.48	119.66 8.67 -1.23	134.15 9.12 0.00	116.27 6.69 0.00	91.75 4.70 0.00	77.12 2.97 0.00	59.76 1.80 0.00	52.69 1.63 0.00
ROTTDRAM_115KV_TB3 80664	47.98 1.12 0.00	44.49 1.13 0.00	41.06 1.08 0.00	39.41 1.00 0.00	39.71 1.01 0.00	41.19 1.00 0.00	43.17 0.97 0.00	49.23 1.06 0.00	51.25 1.00 0.00	51.15 0.95 0.00	56.76 1.11 0.00	60.03 1.29 0.00	62.68 1.35 0.00	72.15 1.62 0.00	78.50 1.99 0.00	87.81 2.64 0.00	102.91 2.96 -4.50	117.01 3.51 -3.74	129.27 4.25 0.00	113.31 3.73 0.00	89.92 2.87 0.00	76.70 2.15 -0.40	62.24 1.51 -2.77	52.28 1.23 0.00
RUSSELL____1 23602	45.68 -1.17 0.00	41.84 -1.52 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.80 -1.39 0.00	45.37 -1.35 1.45	47.87 -0.95 1.41	48.87 -0.95 0.37	53.19 -1.00 1.45	56.21 -0.94 1.59	59.37 -0.92 1.04	66.15 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.54 -0.86 3.06	105.78 -1.76 2.22	120.46 -1.88 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.19 0.07 0.04	55.88 -0.12 1.96	48.58 -0.97 1.51
RUSSELL____2 23532	45.68 -1.17 0.00	41.84 -1.52 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.80 -1.39 0.00	45.37 -1.35 1.45	47.87 -0.95 1.41	48.87 -0.95 0.37	53.19 -1.00 1.45	56.21 -0.94 1.59	59.37 -0.92 1.04	66.15 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.54 -0.86 3.06	105.78 -1.76 2.22	120.46 -1.88 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.19 0.07 0.04	55.88 -0.12 1.96	48.58 -0.97 1.51
RUSSELL____3 23549	45.68 -1.17 0.00	41.84 -1.52 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.80 -1.39 0.00	45.37 -1.35 1.45	47.87 -0.95 1.41	48.87 -0.95 0.37	53.19 -1.00 1.45	56.21 -0.94 1.59	59.37 -0.92 1.04	66.15 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.54 -0.86 3.06	105.78 -1.76 2.22	120.46 -1.88 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.19 0.07 0.04	55.88 -0.12 1.96	48.58 -0.97 1.51
RUSSELL____4 23556	45.68 -1.17 0.00	41.84 -1.52 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.80 -1.39 0.00	45.37 -1.35 1.45	47.87 -0.95 1.41	48.87 -0.95 0.37	53.19 -1.00 1.45	56.21 -0.94 1.59	59.37 -0.92 1.04	66.15 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.54 -0.86 3.06	105.78 -1.76 2.22	120.46 -1.88 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.19 0.07 0.04	55.88 -0.12 1.96	48.58 -0.97 1.51
RUSSELL____STATION 23914	45.68 -1.17 0.00	41.84 -1.52 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.80 -1.39 0.00	45.37 -1.35 1.45	47.87 -0.95 1.41	48.87 -0.95 0.37	53.19 -1.00 1.45	56.21 -0.94 1.59	59.37 -0.92 1.04	66.15 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.54 -0.86 3.06	105.78 -1.76 2.22	120.46 -1.88 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.19 0.07 0.04	55.88 -0.12 1.96	48.58 -0.97 1.51

S SALMON___HYD 24043	47.56 0.70 0.00	43.84 0.48 0.00	40.29 0.32 0.01	38.75 0.34 0.00	39.05 0.35 0.00	40.63 0.44 0.00	42.79 0.59 0.00	49.08 0.91 0.00	51.30 1.06 0.00	50.95 0.75 0.00	56.43 0.78 0.00	59.15 0.41 0.00	61.70 0.37 0.00	70.74 0.21 0.00	76.74 0.23 0.00	86.02 0.85 0.00	96.31 0.86 0.00	115.93 -0.76 -6.94	133.07 -0.37 -8.42	116.39 0.44 -6.37	92.94 0.61 -5.28	77.19 0.07 -2.96	59.32 0.29 -1.07	52.51 0.00 -1.46
S.PERRY___115KV_TB1 80734	47.14 0.28 0.00	43.06 -0.30 0.00	39.66 -0.32 0.01	37.91 -0.50 0.00	38.35 -0.35 0.00	40.02 -0.20 -0.04	42.32 0.04 -0.08	74.94 0.10 -26.68	76.33 0.00 -26.08	56.62 -0.40 -6.82	81.97 -0.45 -26.77	87.33 -0.70 -29.30	80.05 -0.55 -19.27	117.26 -4.09 -50.81	129.26 -4.28 -57.03	131.47 -3.15 -49.46	146.53 -3.25 -54.32	117.94 -4.06 -12.24	124.69 -3.63 -3.29	109.36 -0.22 0.00	87.83 0.78 0.00	76.94 2.82 0.03	58.19 1.62 1.40	52.91 0.36 -1.51
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.62 -3.23 0.00	39.76 -3.60 0.00	36.82 -3.16 0.01	35.18 -3.23 0.00	35.56 -3.13 0.00	36.96 -3.21 0.01	39.05 -3.12 0.02	37.54 -2.99 7.64	40.05 -2.71 7.48	45.44 -2.81 1.95	45.05 -3.01 7.59	47.25 -3.17 8.32	52.55 -3.25 5.53	51.70 -4.30 14.53	55.69 -4.51 16.31	66.96 -3.92 14.29	78.46 -4.49 12.51	98.35 -6.80 4.60	113.60 -7.75 3.67	104.76 -4.82 0.00	84.18 -2.87 0.00	69.96 -4.15 0.04	52.86 -3.36 1.74	45.25 -3.83 1.97
SAWYER___23_KV_LOAD 55526	43.62 -3.23 0.00	39.76 -3.60 0.00	36.82 -3.16 0.01	35.18 -3.23 0.00	35.56 -3.13 0.00	36.96 -3.21 0.01	39.05 -3.12 0.02	37.54 -2.99 7.64	40.05 -2.71 7.48	45.44 -2.81 1.95	45.05 -3.01 7.59	47.25 -3.17 8.32	52.55 -3.25 5.53	51.70 -4.30 14.53	55.69 -4.51 16.31	66.96 -3.92 14.29	78.46 -4.49 12.51	98.35 -6.80 4.60	113.60 -7.75 3.67	104.76 -4.82 0.00	84.18 -2.87 0.00	69.96 -4.15 0.04	52.86 -3.36 1.74	45.25 -3.83 1.97
SELKIRK___I 23801	47.98 1.12 0.00	44.53 1.17 0.00	41.14 1.16 0.00	39.48 1.07 0.00	39.74 1.05 0.00	41.19 1.01 0.00	43.17 0.97 0.00	48.94 0.77 0.00	49.89 -0.35 0.00	49.75 -0.45 0.00	55.15 -0.50 0.00	58.33 -0.41 0.00	60.91 -0.43 0.00	70.04 -0.49 0.00	76.13 -0.38 0.00	85.25 0.09 0.00	79.20 0.29 16.54	96.44 0.44 13.75	125.78 0.75 0.00	110.02 0.44 0.00	87.40 0.35 0.00	73.26 0.07 0.97	51.22 -0.06 6.68	51.00 -0.05 0.00
SELKIRK___II 23799	47.51 0.66 0.00	44.10 0.74 0.00	40.74 0.76 0.00	39.10 0.69 0.00	39.40 0.70 0.00	40.87 0.68 0.00	42.87 0.67 0.00	48.36 0.19 0.00	50.34 0.10 0.00	50.20 0.00 0.00	55.71 0.06 0.00	58.91 0.18 0.00	61.52 0.18 0.00	70.82 0.28 0.00	76.82 0.31 0.00	86.02 0.85 0.00	77.27 0.95 19.13	94.83 0.99 15.91	126.15 1.12 0.00	110.25 0.66 0.00	87.57 0.53 0.00	73.25 0.22 1.12	50.27 0.06 7.75	51.15 0.10 0.00
SENECA OSWGO___HYD 24041	47.15 0.28 -0.01	43.52 0.13 -0.03	39.98 0.00 0.01	38.41 0.00 0.00	38.74 0.04 0.00	40.27 0.08 0.00	42.41 0.21 0.00	48.54 0.34 -0.03	50.88 0.55 -0.08	50.65 0.45 0.00	56.31 0.56 -0.11	59.23 0.35 -0.13	61.98 0.49 -0.16	71.02 0.14 -0.34	77.19 0.23 -0.46	86.57 0.85 -0.56	96.92 0.86 -0.61	119.06 -1.64 -10.95	136.75 -1.75 -13.48	118.11 -1.10 -9.62	94.32 -0.70 -7.97	77.60 -1.04 -4.49	59.38 -0.81 -2.23	52.67 -1.02 -2.63
SENECA___115KV_TB3 355854	44.09 -2.76 0.00	40.33 -3.04 0.00	37.17 -2.80 0.01	35.53 -2.88 0.00	35.91 -2.79 0.00	37.40 -2.77 0.01	39.72 -2.45 0.03	37.69 -2.02 8.46	40.21 -1.76 8.27	46.23 -1.81 2.16	45.31 -1.89 8.45	47.43 -2.06 9.25	53.13 -2.09 6.11	51.48 -2.96 16.09	55.39 -3.06 18.06	67.13 -2.30 15.73	79.12 -2.38 13.95	97.07 -7.79 4.89	112.80 -8.51 3.71	106.19 -3.40 0.00	85.31 -1.74 0.00	70.86 -3.26 0.03	53.33 -2.95 1.68	45.59 -3.47 1.99
SENECA___ENERGY 23797	47.18 0.28 -0.04	43.52 0.04 -0.11	39.90 -0.08 0.00	38.26 -0.15 0.00	38.62 -0.08 0.00	40.23 0.04 -0.01	42.54 0.34 -0.01	52.94 0.53 -4.25	55.24 0.65 -4.35	51.80 0.55 -1.05	60.93 0.72 -4.56	64.44 0.65 -5.06	65.67 0.74 -3.60	80.54 0.78 -9.23	88.13 0.99 -10.63	97.00 1.96 -9.87	108.71 2.39 -10.87	118.43 1.75 -6.93	134.09 2.50 -6.57	117.90 3.61 -4.71	94.26 3.31 -3.90	78.26 1.92 -2.18	59.45 1.04 -0.44	52.63 0.36 -1.22
SHOEMAKER___GT 23640	48.22 1.36 0.00	44.62 1.26 0.00	41.18 1.20 0.00	39.48 1.07 0.00	39.78 1.08 0.00	41.35 1.17 0.00	43.59 1.39 0.00	49.75 1.59 0.00	52.95 2.71 0.00	51.93 1.76 0.03	57.98 2.34 0.00	61.44 2.70 0.00	64.22 2.88 0.00	73.98 3.46 0.01	80.75 4.28 0.04	90.96 5.79 0.00	103.84 7.06 -1.32	118.86 8.01 -1.10	133.64 8.62 0.00	116.05 6.46 0.00	91.66 4.61 0.00	77.04 2.89 0.00	59.76 1.80 0.00	52.64 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	48.21 1.36 0.00	44.62 1.26 0.00	41.14 1.16 0.00	39.48 1.08 0.00	39.78 1.08 0.00	41.35 1.17 0.00	43.59 1.39 0.00	49.76 1.59 0.00	52.96 2.71 0.00	51.97 1.81 0.04	58.04 2.39 0.00	61.38 2.64 0.00	64.16 2.82 0.00	74.05 3.53 0.01	80.74 4.28 0.06	90.96 5.79 0.00	104.08 7.06 -1.56	119.29 8.23 -1.30	133.78 8.75 0.00	115.83 6.25 0.00	91.57 4.53 0.00	77.04 2.89 0.00	59.76 1.80 0.00	52.63 1.58 0.00
SHOREHAM_IC_1 23715	49.48 2.62 0.00	45.18 1.82 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.39 2.19 0.00	50.28 2.12 0.00	51.84 1.61 0.01	52.60 2.41 0.01	57.92 2.28 0.01	60.95 2.65 0.43	62.72 2.46 1.07	70.43 4.23 4.34	80.97 5.97 1.51	90.64 7.23 1.76	98.61 9.64 6.48	121.72 12.18 0.21	128.27 11.63 8.38	111.99 7.67 5.26	90.94 6.18 2.29	77.18 3.04 0.02	59.68 1.74 0.02	52.63 1.58 0.00
SHOREHAM_IC_2 23716	49.48 2.62 0.00	45.18 1.82 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.39 2.19 0.00	50.28 2.12 0.00	51.84 1.61 0.01	52.60 2.41 0.01	57.92 2.28 0.01	60.95 2.65 0.43	62.72 2.46 1.07	70.43 4.23 4.34	80.97 5.97 1.51	90.64 7.23 1.76	98.61 9.64 6.48	121.72 12.18 0.21	128.27 11.63 8.38	111.99 7.67 5.26	90.94 6.18 2.29	77.18 3.04 0.02	59.68 1.74 0.02	52.63 1.58 0.00
SISSONVILLE____ 23735	46.90 0.05 0.00	43.32 -0.04 0.00	39.78 -0.20 0.00	38.29 -0.12 0.00	38.54 -0.15 0.00	40.06 -0.12 0.00	42.07 -0.13 0.00	48.07 -0.10 0.00	49.94 -0.30 0.00	49.45 -0.75 0.00	54.04 -1.61 0.00	56.62 -2.11 0.00	59.00 -2.33 0.00	67.78 -2.75 0.00	73.22 -3.29 0.00	80.82 -4.34 0.00	90.58 -4.87 0.00	104.27 -5.49 0.00	119.02 -6.00 0.00	105.09 -4.49 0.00	83.65 -3.39 0.00	71.85 -2.30 0.00	56.69 -1.28 0.00	50.49 -0.56 0.00
SITHE_IND_GS1 24169	44.87 -1.68 0.30	40.81 -1.65 0.91	38.40 -1.52 0.06	36.95 -1.46 0.00	37.23 -1.47 0.00	38.70 -1.49 0.00	40.68 -1.52 0.00	45.41 -1.73 1.02	45.95 -1.71 2.58	48.44 -1.76 0.00	50.34 -1.89 3.42	52.39 -2.06 4.29	54.23 -2.09 5.02	56.97 -2.47 11.09	59.27 -2.60 14.64	64.65 -2.55 17.96	72.85 -2.86 19.74	67.96 -3.29 38.50	71.29 -3.63 50.10	78.72 -2.85 28.01	61.66 -2.17 23.22	58.75 -2.15 13.25	40.92 -1.74 15.31	35.49 -1.74 13.83

SITHE_IND_GS2 24170	44.87 -1.68 0.30	40.81 -1.65 0.91	38.40 -1.52 0.06	36.95 -1.46 0.00	37.23 -1.47 0.00	38.70 -1.49 0.00	40.68 -1.52 0.00	45.41 -1.73 1.02	45.95 -1.71 2.58	48.44 -1.76 0.00	50.34 -1.89 3.42	52.39 -2.06 4.29	54.23 -2.09 5.02	56.97 -2.47 11.09	59.27 -2.60 14.64	64.65 -2.55 17.96	72.85 -2.86 19.74	67.96 -3.29 38.50	71.29 -3.63 50.10	78.72 -2.85 28.01	61.66 -2.17 23.22	58.75 -2.15 13.25	40.92 -1.74 15.31	35.49 -1.74 13.83
SITHE_IND_GS3 24171	44.87 -1.68 0.30	40.81 -1.65 0.91	38.40 -1.52 0.06	36.95 -1.46 0.00	37.23 -1.47 0.00	38.70 -1.49 0.00	40.68 -1.52 0.00	45.41 -1.73 1.02	45.95 -1.71 2.58	48.44 -1.76 0.00	50.34 -1.89 3.42	52.39 -2.06 4.29	54.23 -2.09 5.02	56.97 -2.47 11.09	59.27 -2.60 14.64	64.65 -2.55 17.96	72.85 -2.86 19.74	67.96 -3.29 38.50	71.29 -3.63 50.10	78.72 -2.85 28.01	61.66 -2.17 23.22	58.75 -2.15 13.25	40.92 -1.74 15.31	35.49 -1.74 13.83
SITHE_IND_GS4 24172	44.87 -1.68 0.30	40.81 -1.65 0.91	38.40 -1.52 0.06	36.95 -1.46 0.00	37.23 -1.47 0.00	38.70 -1.49 0.00	40.68 -1.52 0.00	45.41 -1.73 1.02	45.95 -1.71 2.58	48.44 -1.76 0.00	50.34 -1.89 3.42	52.39 -2.06 4.29	54.23 -2.09 5.02	56.97 -2.47 11.09	59.27 -2.60 14.64	64.65 -2.55 17.96	72.85 -2.86 19.74	67.96 -3.29 38.50	71.29 -3.63 50.10	78.72 -2.85 28.01	61.66 -2.17 23.22	58.75 -2.15 13.25	40.92 -1.74 15.31	35.49 -1.74 13.83
SITHE___BATAVIA 24024	44.93 -1.92 0.00	41.15 -2.21 0.00	37.89 -2.08 0.01	36.22 -2.19 0.00	36.65 -2.05 0.00	38.17 -2.01 0.01	40.28 -1.90 0.01	42.07 -1.44 4.65	44.59 -1.11 4.55	47.70 -1.31 1.19	49.54 -1.45 4.67	52.10 -1.53 5.11	56.26 -1.72 3.36	59.15 -2.54 8.85	63.83 -2.75 9.93	74.72 -1.79 8.65	83.77 -1.91 9.77	101.16 -4.83 3.77	116.61 -5.25 3.17	108.16 -1.43 0.00	86.70 -0.35 0.00	72.70 -1.41 0.04	54.67 -1.45 1.85	46.97 -2.35 1.73
SITHE___INDEPEND 23800	44.87 -1.69 0.30	40.81 -1.65 0.91	38.41 -1.52 0.06	36.95 -1.46 0.00	37.23 -1.47 0.00	38.70 -1.49 0.00	40.63 -1.56 0.00	45.41 -1.73 1.02	45.95 -1.71 2.58	48.44 -1.76 0.00	50.34 -1.89 3.42	52.45 -2.00 4.29	54.23 -2.09 5.02	56.97 -2.47 11.09	59.27 -2.60 14.64	64.65 -2.55 17.96	72.85 -2.86 19.74	68.20 -3.40 38.15	71.59 -3.75 49.68	79.06 -2.85 27.67	61.94 -2.18 22.93	58.91 -2.15 13.09	40.95 -1.74 15.27	35.55 -1.74 13.77
SITHE___MASSENA 23902	47.19 0.33 0.00	43.62 0.26 0.00	40.06 0.08 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.35 0.16 0.00	42.32 0.13 0.00	48.31 0.14 0.00	50.29 0.05 0.00	50.15 -0.05 0.00	55.04 -0.61 0.00	57.86 -0.88 0.00	60.42 -0.92 0.00	69.40 -1.43 0.00	74.98 -1.53 0.00	82.87 -2.30 0.00	92.88 -2.57 0.00	107.02 -2.74 0.00	121.90 -3.12 0.00	107.28 -2.31 0.00	85.31 -1.74 0.00	73.27 -0.89 0.00	57.56 -0.40 0.00	51.15 0.10 0.00
SITHE___OGDNSBRG 24021	47.79 0.94 0.00	44.14 0.78 0.00	40.50 0.52 0.00	39.02 0.61 0.00	39.24 0.54 0.00	40.79 0.60 0.00	42.79 0.59 0.00	48.79 0.63 0.00	50.44 0.20 0.00	50.10 -0.10 0.00	54.76 -0.89 0.00	57.50 -1.23 0.00	59.92 -1.41 0.00	68.84 -1.69 0.00	74.44 -2.07 0.00	82.18 -2.98 0.00	92.21 -3.25 0.00	106.35 -3.40 0.00	121.65 -3.38 0.00	107.61 -1.97 0.00	85.74 -1.31 0.00	73.63 -0.52 0.00	58.02 0.06 0.00	51.56 0.51 0.00
SITHE___STERLING 23777	47.84 0.99 0.00	44.18 0.82 0.00	40.70 0.72 0.00	39.10 0.69 0.00	39.36 0.66 0.00	40.95 0.76 0.00	43.04 0.84 0.00	49.37 1.20 0.00	51.55 1.30 0.00	51.20 1.00 0.00	56.82 1.17 0.00	59.67 0.94 0.00	62.31 0.98 0.00	71.87 1.34 0.00	78.12 1.61 0.00	87.30 2.13 0.00	97.74 2.29 0.00	113.32 2.19 -1.38	129.66 3.13 -1.51	114.48 3.28 -1.61	91.08 2.70 -1.33	76.75 1.85 -0.74	59.29 1.57 0.23	52.24 1.18 -0.02
SLEIGHT__34_KV_TB1 80719	45.68 -1.17 0.00	41.97 -1.39 0.00	38.65 -1.32 0.01	37.07 -1.34 0.00	37.42 -1.28 0.00	38.94 -1.25 0.00	40.97 -1.22 0.00	46.85 -1.30 0.01	49.17 -1.06 0.01	49.14 -1.05 0.00	54.52 -1.11 0.02	57.55 -1.17 0.02	60.16 -1.17 0.01	68.88 -1.62 0.03	74.87 -1.61 0.03	84.19 -0.94 0.03	94.25 -1.05 0.15	106.92 -1.65 1.19	121.49 -1.63 1.91	109.69 0.11 0.00	87.40 0.35 0.00	73.82 -0.30 0.03	55.95 -0.46 1.55	48.90 -1.07 1.08
SOUTH CAIRO___GT 23612	49.43 2.58 0.00	45.75 2.38 0.00	42.22 2.24 0.00	40.56 2.15 0.00	40.75 2.05 0.00	42.35 2.17 0.00	44.31 2.11 0.00	50.05 1.88 0.00	51.65 1.41 0.00	51.25 1.05 0.00	56.54 0.89 0.00	59.85 1.12 0.00	62.62 1.29 0.00	72.23 1.69 0.00	78.57 2.07 0.00	88.32 3.15 0.00	82.86 5.15 17.75	101.03 6.04 14.76	131.65 6.63 0.00	115.61 6.03 0.00	91.75 4.70 0.00	76.87 3.78 1.06	53.40 2.78 7.34	53.45 2.40 0.00
SOUTH HAMPTN___IC 23720	49.53 2.67 0.00	45.23 1.86 0.00	41.46 1.48 0.00	39.68 1.27 0.00	40.09 1.39 0.00	41.67 1.49 0.00	44.47 2.28 0.00	50.53 2.36 0.00	52.30 2.06 0.01	53.15 2.96 0.01	58.86 3.23 0.01	61.98 3.70 0.46	63.82 3.62 1.13	71.52 5.57 4.59	82.33 7.42 1.60	92.32 9.02 1.86	100.14 11.64 6.95	123.82 14.37 0.30	130.16 14.00 8.87	113.76 9.75 5.57	92.19 7.57 2.42	78.28 4.15 0.02	60.49 2.55 0.02	53.19 2.14 0.01
SOUTHDOW__115KV_TB1 355954	44.79 -2.06 0.00	40.89 -2.47 0.00	37.70 -2.28 0.01	35.91 -2.50 0.00	36.34 -2.36 0.00	37.84 -2.33 0.01	40.65 -1.52 0.02	40.08 -0.48 7.60	42.76 -0.05 7.44	48.31 0.05 1.94	48.11 0.06 7.59	50.19 -0.23 8.31	55.53 -0.31 5.50	55.22 -0.85 14.47	59.51 -0.77 16.24	70.95 -0.09 14.13	83.33 0.29 12.41	103.89 -1.43 4.44	120.58 -1.00 3.44	109.58 0.00 0.00	87.92 0.87 0.00	72.27 -1.85 0.03	54.34 -2.03 1.59	46.40 -2.81 1.85
SOUTHOLD_69_KV_BK 2 55809	49.39 2.53 0.00	45.05 1.69 0.00	41.30 1.32 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.59 1.41 0.00	44.35 2.15 0.00	50.58 2.41 0.00	52.55 2.31 0.00	53.50 3.31 0.01	59.98 4.34 0.01	62.28 3.99 0.46	64.42 4.23 1.15	72.23 6.28 4.58	83.25 8.34 1.60	93.61 10.30 1.86	101.71 13.08 6.82	125.58 16.02 0.20	132.17 16.00 8.86	114.98 10.96 5.56	93.16 8.53 2.42	79.55 5.41 0.02	61.02 3.07 0.02	53.60 2.55 0.00
SOUTHOLD___IC 23719	49.38 2.53 0.00	45.01 1.65 0.00	41.30 1.32 0.00	39.52 1.11 0.00	39.90 1.20 0.00	41.51 1.32 0.00	44.30 2.11 0.00	50.57 2.41 0.00	52.50 2.26 0.01	53.45 3.26 0.01	59.42 3.79 0.01	62.74 4.46 0.46	64.50 4.29 1.13	72.23 6.28 4.58	83.25 8.34 1.60	93.43 10.13 1.86	101.59 13.08 6.94	125.48 16.02 0.30	131.79 15.63 8.86	115.20 11.18 5.56	93.16 8.54 2.42	79.03 4.89 0.02	60.96 3.01 0.02	53.55 2.50 0.01
SOUTH_FORK_WT_PWR 323839	48.82 1.97 0.00	44.49 1.13 0.00	40.78 0.80 0.00	39.02 0.61 0.00	39.43 0.73 0.00	41.03 0.85 0.00	43.80 1.60 0.00	50.10 1.93 0.00	51.99 1.76 0.01	53.05 2.86 0.01	58.98 3.34 0.01	62.28 4.00 0.46	64.01 3.80 1.13	71.52 5.57 4.59	82.48 7.58 1.60	92.67 9.37 1.86	100.73 12.22 6.95	124.26 14.81 0.30	130.53 14.37 8.86	113.99 9.97 5.57	92.19 7.57 2.42	78.36 4.22 0.02	60.49 2.55 0.02	53.14 2.09 0.01

SPIERFLS_115KV_TB 1 80737	48.87 2.01 0.00	45.31 1.95 0.00	41.78 1.80 0.00	40.02 1.61 0.00	40.29 1.59 0.00	41.83 1.65 0.00	43.67 1.48 0.00	49.66 1.49 0.00	51.60 1.36 0.00	51.50 1.31 0.00	57.04 1.39 0.00	60.56 1.82 0.00	63.24 1.90 0.00	72.93 2.40 0.00	79.34 2.83 0.00	88.83 3.66 0.00	106.28 3.63 -7.20	120.35 4.61 -5.99	130.90 5.88 0.00	115.28 5.70 0.00	91.31 4.27 0.00	77.95 3.19 -0.61	64.34 2.14 -4.23	52.74 1.68 0.00
ST LAWRENCE____ 23600	46.86 0.00 0.00	43.32 -0.04 0.00	39.86 -0.12 0.00	38.33 -0.08 0.00	38.62 -0.08 0.00	40.10 -0.08 0.00	42.07 -0.13 0.00	48.02 -0.14 0.00	49.99 -0.25 0.00	49.95 -0.25 0.00	54.98 -0.67 0.00	57.86 -0.88 0.00	60.35 -0.98 0.00	69.40 -1.13 0.00	74.98 -1.53 0.00	82.78 -2.38 0.00	92.88 -2.57 0.00	107.02 -2.74 0.00	121.90 -3.12 0.00	106.95 -2.63 0.00	85.13 -1.92 0.00	73.04 -1.11 0.00	57.33 -0.64 0.00	50.90 -0.15 0.00
STATE_CA_115KV_115_LB 55624	47.79 0.94 0.00	44.32 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.11 0.92 0.00	43.08 0.89 0.00	48.94 0.77 0.00	50.90 0.65 0.00	50.75 0.55 0.00	56.21 0.56 0.00	59.50 0.76 0.00	62.19 0.86 0.00	71.59 1.06 0.00	77.81 1.30 0.00	87.12 1.96 0.00	99.50 2.20 -1.85	113.71 2.41 -1.54	128.15 3.13 0.00	112.21 2.63 0.00	88.96 1.92 0.00	75.82 1.33 -0.33	61.13 0.87 -2.30	51.87 0.82 0.00
STATE_ST_34_KV_LOAD 55959	46.89 0.00 -0.04	43.30 -0.17 -0.12	39.74 -0.24 0.00	38.18 -0.23 0.00	38.51 -0.19 0.00	40.07 -0.12 0.00	42.24 0.04 -0.01	50.32 0.10 -2.05	52.70 0.25 -2.21	50.89 0.20 -0.49	58.35 0.33 -2.36	61.63 0.23 -2.66	63.73 0.37 -2.03	75.89 0.28 -5.08	82.94 0.46 -5.97	92.21 1.19 -5.85	103.28 1.43 -6.40	115.79 1.43 -4.61	131.73 2.00 -4.71	115.63 2.52 -3.53	92.24 2.26 -2.92	77.05 1.26 -1.64	58.99 0.70 -0.33	52.01 0.15 -0.81
STATION 5_MISC_HYD 23604	45.45 -1.40 0.00	41.67 -1.69 0.00	38.41 -1.56 0.01	36.80 -1.61 0.00	37.15 -1.55 0.00	38.66 -1.53 0.00	40.63 -1.56 0.00	45.10 -1.64 1.43	47.54 -1.31 1.40	48.53 -1.31 0.37	52.82 -1.39 1.44	55.75 -1.41 1.57	58.95 -1.35 1.03	65.69 -2.11 2.72	71.23 -2.22 3.06	81.13 -1.37 2.67	90.90 -1.53 3.02	105.91 -1.64 2.21	120.33 -2.01 2.68	109.37 -0.22 0.00	87.22 0.17 0.00	73.74 -0.37 0.04	55.53 -0.47 1.96	48.32 -1.23 1.50
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.59 -1.27 0.00	41.84 -1.52 0.00	38.57 -1.40 0.01	36.99 -1.42 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.84 -1.35 0.00	45.64 -1.40 1.13	48.03 -1.11 1.10	48.81 -1.10 0.29	53.35 -1.17 1.13	56.32 -1.17 1.24	59.35 -1.17 0.81	66.69 -1.69 2.15	72.34 -1.76 2.41	82.04 -1.02 2.10	91.90 -1.15 2.40	106.08 -1.87 1.81	120.80 -2.00 2.22	109.58 0.00 0.00	87.31 0.26 0.00	73.75 -0.37 0.03	55.86 -0.46 1.64	48.68 -1.12 1.25
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.22 -1.64 0.00	41.45 -1.91 0.00	38.21 -1.76 0.01	36.60 -1.81 0.00	36.96 -1.74 0.00	38.45 -1.73 0.00	40.42 -1.77 0.00	44.85 -1.88 1.44	47.28 -1.56 1.41	48.27 -1.56 0.37	52.53 -1.67 1.45	55.51 -1.64 1.59	58.64 -1.66 1.04	65.46 -2.33 2.75	70.98 -2.45 3.08	80.78 -1.70 2.69	90.49 -1.91 3.05	104.69 -2.85 2.21	119.21 -3.13 2.69	108.93 -0.66 0.00	86.79 -0.26 0.00	73.30 -0.82 0.04	55.18 -0.81 1.97	48.01 -1.53 1.51
STA_56____34_KV_BUS2 355983	45.22 -1.64 0.00	41.45 -1.91 0.00	38.21 -1.76 0.01	36.60 -1.81 0.00	36.96 -1.74 0.00	38.45 -1.73 0.00	40.42 -1.77 0.00	44.85 -1.88 1.44	47.28 -1.56 1.41	48.27 -1.56 0.37	52.53 -1.67 1.45	55.51 -1.64 1.59	58.64 -1.66 1.04	65.46 -2.33 2.75	70.98 -2.45 3.08	80.78 -1.70 2.69	90.49 -1.91 3.05	104.69 -2.85 2.21	119.21 -3.13 2.69	108.93 -0.66 0.00	86.79 -0.26 0.00	73.30 -0.82 0.04	55.18 -0.81 1.97	48.01 -1.53 1.51
STA_67____115KV_BK2 355882	45.31 -1.55 0.00	41.50 -1.86 0.00	38.29 -1.68 0.01	36.68 -1.73 0.00	37.07 -1.63 0.00	38.54 -1.65 0.00	40.50 -1.69 0.00	44.94 -1.78 1.44	47.38 -1.46 1.41	48.37 -1.46 0.37	52.64 -1.56 1.45	55.57 -1.59 1.58	58.70 -1.59 1.04	65.46 -2.33 2.74	70.98 -2.45 3.08	80.78 -1.70 2.68	90.60 -1.81 3.04	104.69 -2.85 2.21	119.21 -3.13 2.69	109.04 -0.55 0.00	86.96 -0.09 0.00	73.52 -0.59 0.04	55.30 -0.70 1.96	48.12 -1.43 1.50
STA_7____115KV_9TRANS 80674	45.68 -1.17 0.00	41.84 -1.52 0.00	38.61 -1.36 0.01	36.95 -1.46 0.00	37.34 -1.35 0.00	38.82 -1.37 0.00	40.80 -1.39 0.00	45.37 -1.35 1.45	47.87 -0.95 1.41	48.87 -0.95 0.37	53.19 -1.00 1.45	56.21 -0.94 1.59	59.37 -0.92 1.04	66.15 -1.62 2.76	71.66 -1.76 3.09	81.70 -0.77 2.70	91.54 -0.86 3.06	105.78 -1.76 2.22	120.46 -1.88 2.69	110.13 0.55 0.00	87.83 0.78 0.00	74.19 0.07 0.04	55.88 -0.12 1.96	48.58 -0.97 1.51
STA_82____115KV_TB1 80780	45.26 -1.59 0.00	41.45 -1.91 0.00	38.29 -1.68 0.01	36.68 -1.73 0.00	37.03 -1.66 0.00	38.49 -1.69 0.00	40.46 -1.73 0.00	44.98 -1.83 1.36	47.41 -1.51 1.33	48.29 -1.56 0.35	52.62 -1.67 1.36	55.54 -1.70 1.49	58.70 -1.66 0.98	65.55 -2.40 2.58	71.08 -2.52 2.90	80.85 -1.79 2.53	90.59 -2.00 2.86	104.52 -3.07 2.16	119.12 -3.25 2.66	108.93 -0.66 0.00	86.87 -0.17 0.00	73.37 -0.74 0.04	55.26 -0.75 1.95	48.08 -1.48 1.49
STEEL____WIND 323596	44.05 -2.81 0.00	40.28 -3.08 0.00	37.14 -2.84 0.01	35.49 -2.92 0.00	35.88 -2.82 0.00	37.36 -2.81 0.01	39.68 -2.49 0.03	37.59 -2.12 8.46	40.17 -1.81 8.27	46.18 -1.86 2.16	45.26 -1.95 8.45	47.32 -2.17 9.25	53.01 -2.21 6.11	51.34 -3.10 16.09	55.24 -3.21 18.06	66.96 -2.47 15.73	78.93 -2.57 13.95	96.85 -8.01 4.89	112.68 -8.63 3.71	106.07 -3.51 0.00	85.22 -1.83 0.00	70.78 -3.34 0.03	53.27 -3.02 1.68	45.54 -3.52 1.99
STEPHTWN_115KV_BK_2 55603	47.98 1.12 0.00	44.49 1.13 0.00	41.10 1.12 0.00	39.45 1.04 0.00	39.74 1.04 0.00	41.27 1.08 0.00	43.25 1.05 0.00	49.13 0.96 0.00	51.10 0.85 0.00	50.95 0.75 0.00	56.26 0.61 0.00	59.62 0.88 0.00	62.32 0.98 0.00	71.80 1.27 0.00	77.96 1.45 0.00	87.38 2.21 0.00	64.94 2.48 33.00	85.17 2.85 27.44	128.52 3.50 0.00	112.54 2.96 0.00	89.22 2.18 0.00	73.73 1.56 1.98	45.36 1.04 13.64	52.07 1.02 0.00
STEBEN_REC_LFGE 323667	46.40 -0.47 -0.02	42.46 -0.95 -0.05	38.98 -1.00 0.00	37.30 -1.11 0.00	37.73 -0.97 0.00	39.41 -0.80 -0.03	41.80 -0.46 -0.07	70.41 -0.10 -22.34	72.12 -0.05 -21.93	55.50 -0.40 -5.70	77.92 -0.28 -22.55	82.98 -0.47 -24.71	77.39 -0.31 -16.36	112.52 -1.06 -43.04	123.94 -0.99 -48.43	127.62 0.17 -42.28	142.13 0.10 -46.58	121.25 -0.66 -12.16	130.41 0.25 -5.14	113.24 2.08 -1.57	91.22 2.87 -1.30	76.20 1.33 -0.71	57.89 0.58 0.65	52.49 -0.36 -1.79
STILLWATER____SOLAR 323814	48.87 2.01 0.00	45.31 1.95 0.00	41.82 1.84 0.00	40.10 1.69 0.00	40.36 1.66 0.00	41.91 1.73 0.00	43.89 1.69 0.00	49.95 1.78 0.00	51.90 1.66 0.00	51.76 1.56 0.00	57.38 1.73 0.00	60.79 2.05 0.00	63.48 2.15 0.00	73.07 2.54 0.00	79.49 2.98 0.00	89.00 3.84 0.00	108.24 4.20 -8.59	121.84 4.94 -7.14	131.40 6.37 0.00	115.50 5.91 0.00	91.57 4.52 0.00	78.43 3.56 -0.72	65.41 2.49 -4.96	53.15 2.09 0.00

STONY___BROOK 24151	49.62 2.76 0.00	45.36 2.00 0.00	41.58 1.60 0.00	39.83 1.42 0.00	40.21 1.51 0.00	41.75 1.57 0.00	44.30 2.11 0.00	50.28 2.12 0.00	52.04 1.81 0.01	52.85 2.66 0.01	58.53 2.89 0.01	61.52 3.11 0.33	63.77 3.25 0.82	72.37 5.15 3.31	82.09 6.73 1.16	91.57 7.75 1.34	100.93 10.02 4.54	122.43 12.51 -0.17	130.64 12.00 6.38	113.57 8.00 4.01	91.57 6.27 1.75	77.48 3.34 0.02	60.15 2.20 0.01	53.04 1.99 0.00
STURGEON_POOL_HYD 23609	48.68 1.83 0.00	45.05 1.69 0.00	41.54 1.56 0.00	39.87 1.46 0.00	40.17 1.47 0.00	41.75 1.57 0.00	43.97 1.77 0.00	50.24 2.07 0.00	52.75 2.51 0.00	52.61 2.41 0.00	58.88 3.23 0.00	62.26 3.52 0.00	65.14 3.80 0.00	75.19 4.66 0.00	82.17 5.66 0.00	92.66 7.49 0.00	102.23 9.45 2.67	118.51 10.98 2.22	136.15 11.13 0.00	117.58 8.00 0.00	92.88 5.83 0.00	78.08 4.15 0.22	59.09 2.67 1.53	53.25 2.20 0.00
ST_LAW_115_BK7_LBMP 345037	46.81 -0.05 0.00	43.32 -0.04 0.00	39.82 -0.16 0.00	38.33 -0.08 0.00	38.58 -0.12 0.00	40.10 -0.08 0.00	42.03 -0.17 0.00	47.97 -0.19 0.00	49.94 -0.30 0.00	49.85 -0.35 0.00	54.87 -0.78 0.00	57.74 -1.00 0.00	60.23 -1.10 0.00	69.27 -1.27 0.00	74.83 -1.68 0.00	82.61 -2.55 0.00	92.59 -2.86 0.00	106.68 -3.07 0.00	121.52 -3.50 0.00	106.73 -2.85 0.00	84.88 -2.17 0.00	72.89 -1.26 0.00	57.21 -0.76 0.00	50.85 -0.20 0.00
ST_LAW_115_BK8_LBMP 345038	46.81 -0.05 0.00	43.32 -0.04 0.00	39.82 -0.16 0.00	38.33 -0.08 0.00	38.58 -0.12 0.00	40.10 -0.08 0.00	42.03 -0.17 0.00	47.97 -0.19 0.00	49.94 -0.30 0.00	49.85 -0.35 0.00	54.87 -0.78 0.00	57.74 -1.00 0.00	60.23 -1.10 0.00	69.27 -1.27 0.00	74.83 -1.68 0.00	82.61 -2.55 0.00	92.59 -2.86 0.00	106.68 -3.07 0.00	121.52 -3.50 0.00	106.73 -2.85 0.00	84.88 -2.17 0.00	72.89 -1.26 0.00	57.21 -0.76 0.00	50.85 -0.20 0.00
ST_LAW_230_BK5_LBMP 345035	46.86 0.00 0.00	43.32 -0.04 0.00	39.86 -0.12 0.00	38.33 -0.08 0.00	38.62 -0.08 0.00	40.10 -0.08 0.00	42.07 -0.13 0.00	48.02 -0.14 0.00	49.99 -0.25 0.00	49.95 -0.25 0.00	54.98 -0.67 0.00	57.86 -0.88 0.00	60.35 -0.98 0.00	69.40 -1.13 0.00	74.98 -1.53 0.00	82.78 -2.38 0.00	92.88 -2.57 0.00	107.02 -2.74 0.00	121.90 -3.12 0.00	106.95 -2.63 0.00	85.13 -1.92 0.00	73.04 -1.11 0.00	57.33 -0.64 0.00	50.90 -0.15 0.00
ST_LAW_230_BK6_LBMP 345036	46.86 0.00 0.00	43.32 -0.04 0.00	39.86 -0.12 0.00	38.33 -0.08 0.00	38.62 -0.08 0.00	40.10 -0.08 0.00	42.07 -0.13 0.00	48.02 -0.14 0.00	49.99 -0.25 0.00	49.95 -0.25 0.00	54.98 -0.67 0.00	57.86 -0.88 0.00	60.35 -0.98 0.00	69.40 -1.13 0.00	74.98 -1.53 0.00	82.78 -2.38 0.00	92.88 -2.57 0.00	107.02 -2.74 0.00	121.90 -3.12 0.00	106.95 -2.63 0.00	85.13 -1.92 0.00	73.04 -1.11 0.00	57.33 -0.64 0.00	50.90 -0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.36 1.50 0.00	44.75 1.39 0.00	41.26 1.28 0.00	39.56 1.15 0.00	39.90 1.20 0.00	41.47 1.29 0.00	43.76 1.56 0.00	49.95 1.78 0.00	52.60 2.36 0.00	52.27 2.11 0.04	58.43 2.78 0.01	61.85 3.11 0.00	64.65 3.31 0.00	74.62 4.09 0.01	81.42 4.97 0.06	91.72 6.56 0.00	105.04 8.02 -1.57	120.39 9.33 -1.31	135.03 10.00 0.00	116.71 7.12 0.00	92.10 5.05 0.00	77.42 3.26 0.00	59.93 1.97 0.00	52.84 1.79 0.00
SWANROAD_115KV_TB1 355699	42.50 -4.36 0.00	38.68 -4.68 0.00	35.82 -4.16 0.01	34.26 -4.15 0.00	34.64 -4.06 0.00	36.24 -3.94 0.01	37.91 -4.26 0.02	38.09 -3.66 6.41	40.55 -3.42 6.27	44.98 -3.56 1.65	45.31 -3.90 6.44	47.57 -4.11 7.05	52.40 -4.29 4.64	52.82 -5.50 12.21	56.92 -5.89 13.70	67.79 -5.37 12.01	74.81 -6.49 14.15	95.54 -9.44 4.77	110.70 -10.88 3.45	101.37 -8.22 0.00	81.48 -5.57 0.00	67.96 -6.15 0.04	51.25 -4.93 1.79	44.08 -5.11 1.87
SYNERGY___BIOGAS 323694	44.93 -1.92 0.00	41.02 -2.34 0.00	37.89 -2.08 0.01	36.22 -2.19 0.00	36.65 -2.05 0.00	38.25 -1.93 0.01	40.24 -1.94 0.01	42.07 -1.45 4.65	44.59 -1.11 4.55	47.70 -1.31 1.19	49.54 -1.45 4.67	52.16 -1.47 5.11	56.32 -1.66 3.36	59.14 -2.54 8.85	63.82 -2.75 9.93	74.72 -1.79 8.65	83.58 -2.10 9.77	102.25 -3.73 3.77	117.86 -4.00 3.17	108.27 -1.32 0.00	86.70 -0.35 0.00	72.56 -1.56 0.04	54.55 -1.56 1.85	46.97 -2.35 1.73
SYRACUSE___ENERGY_ST1 323597	46.75 -0.14 -0.03	43.16 -0.30 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.99 -0.21 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.20 0.00 0.00	56.15 0.11 -0.39	59.22 0.00 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.25 0.57 -2.23	113.11 0.11 -3.24	129.13 0.25 -3.86	113.37 0.66 -3.13	90.34 0.70 -2.60	75.75 0.15 -1.45	58.26 0.00 -0.29	51.25 -0.36 -0.56
SYRACUSE___ENERGY_ST2 323598	46.75 -0.14 -0.03	43.16 -0.30 -0.10	39.66 -0.32 0.00	38.10 -0.31 0.00	38.39 -0.31 0.00	39.90 -0.28 0.00	41.99 -0.21 0.00	48.14 -0.14 -0.12	50.53 0.00 -0.29	50.20 0.00 0.00	56.15 0.11 -0.39	59.22 0.00 -0.48	61.90 0.00 -0.57	71.72 -0.07 -1.25	78.24 0.08 -1.65	87.79 0.60 -2.03	98.25 0.57 -2.23	113.11 0.11 -3.24	129.13 0.25 -3.86	113.37 0.66 -3.13	90.34 0.70 -2.60	75.75 0.15 -1.45	58.26 0.00 -0.29	51.25 -0.36 -0.56
SYRACUSE___POWER 24017	46.45 -0.42 -0.02	42.90 -0.52 -0.06	39.46 -0.52 0.00	37.91 -0.50 0.00	38.20 -0.50 0.00	39.70 -0.48 0.00	41.77 -0.42 0.00	47.85 -0.39 -0.07	50.17 -0.25 -0.18	49.95 -0.25 0.00	55.72 -0.17 -0.24	58.74 -0.29 -0.30	61.38 -0.31 -0.35	70.95 -0.35 -0.77	77.30 -0.23 -1.02	86.67 0.26 -1.25	97.01 0.19 -1.37	111.35 0.00 -1.59	126.86 0.13 -1.71	112.06 0.55 -1.93	89.17 0.52 -1.60	74.96 -0.07 -0.88	57.43 -0.17 0.35	50.56 -0.46 0.03
TALLMAN__138KV_BK151 55660	48.50 1.64 0.00	44.88 1.52 0.00	41.38 1.40 0.00	39.68 1.27 0.00	40.01 1.32 0.00	41.63 1.45 0.00	43.93 1.73 0.00	50.19 2.02 0.00	52.65 2.41 0.00	52.56 2.41 0.05	58.87 3.23 0.01	62.32 3.58 0.00	65.14 3.80 0.00	75.18 4.66 0.01	82.02 5.59 0.08	92.49 7.32 0.00	106.07 8.97 -1.65	121.66 10.54 -1.37	136.15 11.13 0.00	117.47 7.89 0.00	92.71 5.66 0.00	77.79 3.63 0.00	60.17 2.20 0.00	53.04 1.99 0.00
TEALLAVE_115KV_TB7 355573	46.26 -0.61 -0.01	42.71 -0.69 -0.04	39.30 -0.68 0.01	37.76 -0.65 0.00	38.04 -0.66 0.00	39.54 -0.64 0.00	41.61 -0.59 0.00	47.63 -0.58 -0.04	49.90 -0.45 -0.11	49.75 -0.45 0.00	55.40 -0.39 -0.14	58.45 -0.47 -0.18	60.99 -0.55 -0.21	70.36 -0.63 -0.46	76.51 -0.61 -0.61	85.74 -0.17 -0.75	95.99 -0.29 -0.82	109.74 -0.66 -0.64	124.92 -0.63 -0.52	110.63 -0.11 -1.16	88.09 0.09 -0.96	74.23 -0.44 -0.52	56.93 -0.41 0.63	50.08 -0.66 0.31
TELGRAPH_34_KV_EAST 80808	43.90 -2.95 0.00	40.02 -3.34 0.00	37.01 -2.96 0.01	35.41 -3.00 0.00	35.80 -2.90 0.00	37.36 -2.81 0.01	39.27 -2.91 0.02	40.27 -2.46 5.44	42.77 -2.16 5.32	46.49 -2.31 1.40	47.69 -2.50 5.45	50.13 -2.64 5.97	54.52 -2.88 3.93	56.24 -3.95 10.35	60.61 -4.28 11.61	71.47 -3.58 10.11	79.90 -4.20 11.36	99.13 -6.48 4.15	114.48 -7.25 3.29	105.09 -4.49 0.00	84.35 -2.70 0.00	70.41 -3.71 0.04	53.07 -3.07 1.82	45.64 -3.62 1.79

TEMPLE___115KV_TB 2 55572	46.26 -0.61 -0.01	42.71 -0.69 -0.04	39.30 -0.68 0.01	37.76 -0.65 0.00	38.04 -0.66 0.00	39.54 -0.64 0.00	41.61 -0.59 0.00	47.63 -0.58 -0.04	49.95 -0.40 -0.11	49.75 -0.45 0.00	55.47 -0.33 -0.15	58.46 -0.47 -0.19	61.06 -0.49 -0.22	70.38 -0.63 -0.48	76.61 -0.54 -0.64	85.86 -0.09 -0.78	96.12 -0.19 -0.86	109.90 -0.55 -0.69	125.09 -0.50 -0.57	110.80 0.00 -1.21	88.23 0.17 -1.00	74.33 -0.37 -0.55	56.98 -0.35 0.64	50.13 -0.61 0.31
TIANA____69_KV_BK 1 55817	49.62 2.76 0.00	45.31 1.95 0.00	41.54 1.56 0.00	39.75 1.34 0.00	40.17 1.47 0.00	41.83 1.65 0.00	44.56 2.36 0.00	50.58 2.41 0.00	52.35 2.11 0.00	53.20 3.01 0.01	59.31 3.67 0.01	61.40 3.11 0.46	63.62 3.43 1.15	71.38 5.43 4.58	82.17 7.27 1.60	92.25 8.94 1.86	99.99 11.36 6.82	123.60 14.05 0.20	130.17 14.00 8.86	113.44 9.42 5.56	92.11 7.49 2.42	78.66 4.52 0.02	60.44 2.49 0.02	53.19 2.14 0.00
TILDEN___115KV_TB1 80814	46.45 -0.42 -0.02	42.90 -0.52 -0.06	39.46 -0.52 0.00	37.91 -0.50 0.00	38.20 -0.50 0.00	39.70 -0.48 0.00	41.77 -0.42 0.00	47.85 -0.39 -0.07	50.17 -0.25 -0.18	49.95 -0.25 0.00	55.72 -0.17 -0.24	58.74 -0.29 -0.30	61.38 -0.31 -0.35	70.95 -0.35 -0.77	77.30 -0.23 -1.02	86.67 0.26 -1.25	97.01 0.19 -1.37	111.35 0.00 -1.59	126.86 0.13 -1.71	112.06 0.55 -1.93	89.17 0.52 -1.60	74.96 -0.07 -0.88	57.43 -0.17 0.35	50.56 -0.46 0.03
TRIGEN___CC 323695	49.11 2.25 0.00	45.10 1.73 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.71 1.53 0.00	44.14 1.94 0.00	50.29 2.12 0.00	52.50 2.26 0.00	53.25 3.06 0.01	59.54 3.90 0.01	62.37 3.64 0.01	65.23 3.93 0.02	76.24 5.71 0.01	83.62 7.12 0.01	93.61 8.43 -0.01	107.36 10.12 -1.79	123.21 11.96 -1.49	137.15 12.13 0.00	117.69 8.11 0.01	93.75 6.70 0.00	77.85 3.71 0.01	60.30 2.32 -0.01	53.16 2.09 -0.01
TRINITY__115KV__ 4 BK 55933	47.56 0.70 0.00	44.14 0.78 0.00	40.78 0.80 0.00	39.14 0.73 0.00	39.43 0.74 0.00	40.95 0.76 0.00	42.91 0.72 0.00	48.74 0.58 0.00	50.74 0.50 0.00	50.65 0.45 0.00	56.10 0.45 0.00	59.33 0.59 0.00	62.07 0.74 0.00	71.38 0.85 0.00	77.58 1.07 0.00	86.87 1.70 0.00	89.98 1.91 7.38	105.70 2.09 6.14	127.52 2.50 0.00	111.56 1.97 0.00	88.53 1.48 0.00	74.82 0.96 0.29	56.51 0.58 2.03	51.66 0.61 0.00
UNION___PROCESSING_DRP 323587	45.31 -1.55 0.00	41.50 -1.86 0.00	38.29 -1.68 0.01	36.68 -1.73 0.00	37.03 -1.66 0.00	38.49 -1.69 0.00	40.46 -1.73 0.00	44.93 -1.83 1.40	47.36 -1.51 1.37	48.33 -1.51 0.36	52.63 -1.61 1.41	55.55 -1.64 1.54	58.66 -1.66 1.01	65.46 -2.40 2.67	70.98 -2.52 3.00	80.74 -1.79 2.63	90.48 -2.00 2.97	104.61 -2.96 2.18	119.11 -3.25 2.66	108.93 -0.66 0.00	86.96 -0.09 0.00	73.45 -0.67 0.04	55.32 -0.70 1.94	48.13 -1.43 1.49
UPPER HUDSON___HYD 24058	48.87 2.01 0.00	45.31 1.95 0.00	41.78 1.80 0.00	40.02 1.61 0.00	40.29 1.59 0.00	41.83 1.65 0.00	43.67 1.48 0.00	49.66 1.49 0.00	51.60 1.36 0.00	51.50 1.30 0.00	57.04 1.39 0.00	60.62 1.88 0.00	63.30 1.96 0.00	72.93 2.40 0.00	79.34 2.83 0.00	88.82 3.66 0.00	106.24 3.63 -7.16	120.21 4.50 -5.95	131.02 6.00 0.00	115.39 5.80 0.00	91.31 4.26 0.00	77.95 3.19 -0.61	64.34 2.15 -4.23	52.73 1.68 0.00
UPPER RAQUET___HYD 24056	46.90 0.05 0.00	43.32 -0.04 0.00	39.78 -0.20 0.00	38.29 -0.11 0.00	38.54 -0.15 0.00	40.10 -0.08 0.00	42.07 -0.13 0.00	48.12 -0.05 0.00	49.99 -0.25 0.00	49.50 -0.70 0.00	54.03 -1.62 0.00	56.51 -2.23 0.00	58.94 -2.39 0.00	67.78 -2.75 0.00	73.22 -3.29 0.00	80.82 -4.34 0.00	90.59 -4.86 0.00	104.38 -5.38 0.00	119.15 -5.87 0.00	104.99 -4.60 0.00	83.65 -3.40 0.00	71.85 -2.30 0.00	56.69 -1.28 0.00	50.59 -0.46 0.00
VALLEY44_115KV_TB2 355964	44.19 -2.67 0.00	40.28 -3.08 0.00	37.22 -2.76 0.01	35.61 -2.80 0.00	36.03 -2.67 0.00	37.48 -2.69 0.01	40.78 -1.39 0.02	40.99 -0.19 6.99	43.56 0.15 6.83	48.51 0.10 1.79	48.89 0.22 6.98	51.27 0.18 7.64	56.59 0.31 5.05	57.17 -0.07 13.29	61.74 0.15 14.92	72.95 0.77 12.98	85.44 1.05 11.06	105.13 -0.55 4.08	120.50 -1.25 3.27	107.39 -2.19 0.00	86.09 -0.96 0.00	70.27 -3.86 0.03	52.64 -3.77 1.56	45.11 -4.19 1.76
VALLEY___115KV_TB 1-4 80826	46.81 -0.05 0.00	43.32 -0.04 0.00	39.94 -0.04 0.00	38.37 -0.04 0.00	38.62 -0.08 0.00	40.14 -0.04 0.00	42.11 -0.08 0.00	48.17 0.00 0.00	50.24 0.00 0.00	50.15 -0.05 0.00	55.59 -0.06 0.00	58.56 -0.18 0.00	61.15 -0.18 0.00	70.39 -0.14 0.00	76.51 0.00 0.00	85.34 0.17 0.00	95.36 -0.10 0.00	109.65 -0.11 0.00	125.02 0.00 0.00	109.58 0.00 0.00	87.14 0.09 0.00	74.08 -0.07 0.00	58.08 0.12 0.00	51.20 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.41 1.55 -0.01	44.91 1.52 -0.03	41.38 1.40 0.00	39.75 1.34 0.00	40.05 1.35 0.00	41.55 1.37 0.00	43.63 1.43 0.00	50.09 1.88 -0.05	52.35 2.01 -0.10	52.11 1.91 0.00	58.06 2.28 -0.13	61.19 2.29 -0.16	63.91 2.39 -0.18	73.97 3.03 -0.40	80.78 3.75 -0.53	90.49 4.68 -0.64	101.31 5.06 -0.80	116.23 5.49 -0.99	132.67 6.50 -1.15	115.67 5.15 -0.93	92.00 4.18 -0.77	77.40 2.82 -0.43	60.25 2.20 -0.09	53.00 1.79 -0.17
VISCHER___FERRY HYD 24020	48.31 1.45 0.00	44.75 1.39 0.00	41.34 1.36 0.00	39.68 1.27 0.00	39.97 1.28 0.00	41.47 1.29 0.00	43.55 1.35 0.00	49.56 1.40 0.00	51.55 1.30 0.00	51.50 1.30 0.00	57.15 1.50 0.00	60.44 1.70 0.00	63.17 1.84 0.00	72.58 2.05 0.00	78.88 2.37 0.00	88.32 3.15 0.00	112.07 3.53 -13.08	124.58 3.95 -10.88	129.90 4.87 0.00	113.85 4.27 0.00	90.36 3.31 0.00	77.81 2.59 -1.06	67.13 1.85 -7.32	52.58 1.53 0.00
V_A_10_SYNC_DSASP 323832	43.76 -3.09 0.00	39.98 -3.38 0.00	36.97 -3.00 0.01	35.41 -3.00 0.00	35.76 -2.94 0.00	37.16 -3.01 0.01	38.98 -3.21 0.01	40.14 -3.42 4.60	42.52 -3.22 4.50	45.71 -3.31 1.18	47.41 -3.62 4.63	49.91 -3.76 5.06	54.08 -3.93 3.32	56.82 -4.94 8.77	61.46 -5.20 9.85	71.84 -4.77 8.56	80.12 -5.44 9.89	98.33 -7.57 3.85	113.26 -8.50 3.26	104.98 -4.60 0.00	84.18 -2.87 0.00	70.78 -3.34 0.04	53.34 -2.67 1.95	46.15 -3.11 1.79
V_CMM_10_SYNC_DSASP 323787	47.04 0.19 0.00	43.49 0.13 0.00	39.98 0.00 0.00	38.45 0.04 0.00	38.74 0.04 0.00	40.22 0.04 0.00	42.24 0.04 0.00	48.17 0.00 0.00	49.94 -0.30 0.00	49.95 -0.25 0.00	54.82 -0.83 0.00	57.80 -0.94 0.00	60.29 -1.04 0.00	69.19 -1.34 0.00	74.75 -1.76 0.00	82.52 -2.64 0.00	92.49 -2.96 0.00	106.57 -3.18 0.00	121.40 -3.63 0.00	106.84 -2.74 0.00	84.96 -2.09 0.00	73.04 -1.11 0.00	57.15 -0.81 0.00	50.85 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	47.37 0.52 0.00	43.80 0.43 0.00	40.26 0.28 0.00	38.72 0.31 0.00	39.01 0.31 0.00	40.51 0.32 0.00	42.53 0.34 0.00	48.50 0.34 0.00	50.54 0.30 0.00	50.55 0.35 0.00	55.15 -0.50 0.00	57.97 -0.76 0.00	59.98 -1.35 0.00	68.56 -1.97 0.00	74.06 -2.45 0.00	81.84 -3.32 0.00	91.82 -3.63 0.00	105.80 -3.95 0.00	120.52 -4.50 0.00	106.19 -3.40 0.00	84.35 -2.70 0.00	72.30 -1.85 0.00	57.21 -0.75 0.00	51.41 0.36 0.00

V_D_10_SYNC_DSASP 323841	47.18 0.33 0.00	43.62 0.26 0.00	40.06 0.08 0.00	38.56 0.15 0.00	38.82 0.12 0.00	40.35 0.16 0.00	42.36 0.17 0.00	48.31 0.14 0.00	50.24 0.00 0.00	50.15 -0.05 0.00	55.04 -0.61 0.00	57.97 -0.76 0.00	60.48 -0.86 0.00	69.47 -1.06 0.00	74.98 -1.53 0.00	82.87 -2.30 0.00	92.87 -2.58 0.00	107.01 -2.74 0.00	121.90 -3.13 0.00	107.39 -2.19 0.00	85.39 -1.65 0.00	73.34 -0.82 0.00	57.56 -0.41 0.00	51.05 0.00 0.00
V_E_10_SYNC_DSASP 323830	49.55 2.67 -0.02	45.72 2.30 -0.06	42.02 2.04 0.00	40.41 2.00 0.00	40.63 1.93 0.00	42.36 2.17 0.00	44.73 2.53 -0.01	53.62 3.47 -1.99	55.77 3.47 -2.06	53.50 2.81 -0.49	60.88 3.06 -2.17	63.91 2.76 -2.41	65.83 2.76 -1.74	78.57 3.60 -4.44	86.16 4.51 -5.14	95.88 5.88 -4.83	107.19 6.30 -5.44	119.52 7.02 -2.74	136.74 9.38 -2.34	120.32 8.77 -1.97	96.08 7.40 -1.63	80.25 5.19 -0.90	62.02 4.23 0.17	54.60 3.27 -0.28
V_F_30_NSYNC___DSASP 323816	48.92 2.06 0.00	45.36 1.99 0.00	41.86 1.88 0.00	40.14 1.73 0.00	40.40 1.70 0.00	41.95 1.77 0.00	43.93 1.73 0.00	50.05 1.88 0.00	52.00 1.76 0.00	51.85 1.66 0.00	57.49 1.84 0.00	60.91 2.17 0.00	63.60 2.27 0.00	73.21 2.68 0.00	79.65 3.14 0.00	89.17 4.00 0.00	107.85 4.39 -8.01	121.68 5.27 -6.66	131.53 6.50 0.00	115.72 6.14 0.00	91.75 4.70 0.00	78.46 3.63 -0.67	65.20 2.61 -4.63	53.25 2.20 0.00
V_F_30_SYNC_DSASP 323786	47.79 0.94 0.00	44.32 0.95 0.00	40.94 0.96 0.00	39.29 0.88 0.00	39.59 0.89 0.00	41.07 0.88 0.00	43.08 0.89 0.00	48.94 0.77 0.00	50.90 0.65 0.00	50.75 0.55 0.00	56.21 0.56 0.00	59.50 0.76 0.00	62.19 0.86 0.00	71.59 1.06 0.00	77.81 1.30 0.00	87.12 1.96 0.00	98.73 2.20 -1.08	113.07 2.41 -0.90	128.15 3.13 0.00	112.21 2.63 0.00	88.96 1.92 0.00	75.77 1.33 -0.28	60.77 0.87 -1.94	51.87 0.82 0.00
V_XM_10_SYNC_DSASP 323789	47.37 0.52 0.00	43.80 0.43 0.00	40.26 0.28 0.00	38.72 0.31 0.00	39.01 0.31 0.00	40.51 0.32 0.00	42.53 0.34 0.00	48.50 0.34 0.00	50.54 0.30 0.00	50.55 0.35 0.00	55.15 -0.50 0.00	57.97 -0.76 0.00	59.98 -1.35 0.00	68.56 -1.97 0.00	74.06 -2.45 0.00	81.84 -3.32 0.00	91.82 -3.63 0.00	105.80 -3.95 0.00	120.52 -4.50 0.00	106.19 -3.40 0.00	84.35 -2.70 0.00	72.30 -1.85 0.00	57.21 -0.75 0.00	51.41 0.36 0.00
W.BABYLN_69_KV_BK1 56697	50.04 3.19 0.00	45.79 2.43 0.00	42.02 2.04 0.00	40.21 1.81 0.00	40.60 1.90 0.00	42.27 2.09 0.00	44.81 2.62 0.00	51.06 2.89 0.00	53.05 2.81 0.00	53.86 3.66 0.01	60.15 4.51 0.01	62.83 4.23 0.14	65.65 4.66 0.34	75.94 6.70 1.29	84.62 8.57 0.46	94.69 10.05 0.52	107.13 12.31 0.63	125.69 14.93 -1.01	137.79 15.25 2.49	118.65 10.63 1.57	94.81 8.44 0.68	79.26 5.12 0.01	61.15 3.19 0.00	53.81 2.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.64 1.78 0.00	45.05 1.69 0.00	41.50 1.52 0.00	39.83 1.42 0.00	40.13 1.43 0.00	41.75 1.57 0.00	44.09 1.90 0.00	50.33 2.17 0.00	52.80 2.56 0.00	52.70 2.56 0.05	59.04 3.39 0.01	62.56 3.82 0.00	65.32 3.99 0.00	75.39 4.87 0.01	82.24 5.81 0.08	92.83 7.66 0.00	106.39 9.26 -1.67	122.01 10.87 -1.39	136.53 11.50 0.00	117.80 8.22 0.00	92.97 5.92 0.00	78.01 3.86 0.00	60.40 2.43 0.00	53.25 2.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.20 2.34 0.00	45.44 2.08 0.00	41.78 1.80 0.00	40.06 1.65 0.00	40.44 1.74 0.00	42.11 1.93 0.00	44.56 2.36 0.00	51.10 2.94 0.00	53.74 3.47 -0.03	57.45 3.46 -3.78	60.58 4.34 -0.59	63.45 4.70 -0.01	66.90 5.09 -0.48	77.51 6.14 -0.84	89.49 7.27 -5.71	98.47 9.28 -4.03	130.76 11.07 -24.24	164.74 12.95 -42.04	148.77 13.88 -9.86	119.45 9.86 0.00	94.01 6.96 0.00	78.90 4.75 0.00	60.98 3.01 0.00	53.81 2.76 0.00
W50THST__13_KV_LOAD 356117	49.43 2.58 0.00	45.62 2.25 0.00	41.98 2.00 0.00	40.21 1.81 0.00	40.63 1.93 0.00	42.31 2.13 0.00	44.81 2.62 0.00	51.39 3.23 0.00	54.14 3.87 -0.03	57.85 3.87 -3.78	61.08 4.84 -0.59	63.98 5.23 -0.01	67.39 5.58 -0.48	78.22 6.84 -0.84	90.25 8.03 -5.71	99.24 10.05 -4.03	131.62 11.93 -24.24	165.84 14.05 -42.04	149.77 14.88 -9.86	120.21 10.63 0.00	94.71 7.66 0.00	79.42 5.26 0.00	61.27 3.30 0.00	54.11 3.06 0.00
WADING RIVER_IC_1 23522	49.43 2.58 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.43 2.23 0.00	50.28 2.12 0.00	51.89 1.66 0.01	52.60 2.41 0.01	57.87 2.23 0.01	60.92 2.65 0.46	62.65 2.46 1.14	70.14 4.23 4.62	80.87 5.97 1.61	90.44 7.15 1.88	97.99 9.54 7.01	121.40 11.97 0.32	127.59 11.49 8.93	111.53 7.56 5.61	90.70 6.09 2.44	77.18 3.04 0.02	59.68 1.74 0.02	52.58 1.53 0.01
WADING RIVER_IC_2 23547	49.43 2.58 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.43 2.23 0.00	50.28 2.12 0.00	51.89 1.66 0.01	52.60 2.41 0.01	57.87 2.23 0.01	60.92 2.65 0.46	62.65 2.46 1.14	70.14 4.23 4.62	80.87 5.97 1.61	90.44 7.15 1.88	97.99 9.54 7.01	121.40 11.97 0.32	127.59 11.49 8.93	111.53 7.56 5.61	90.70 6.09 2.44	77.18 3.04 0.02	59.68 1.74 0.02	52.58 1.53 0.01
WADING RIVER_IC_3 23601	49.43 2.58 0.00	45.14 1.78 0.00	41.42 1.44 0.00	39.68 1.27 0.00	40.05 1.35 0.00	41.63 1.44 0.00	44.43 2.23 0.00	50.28 2.12 0.00	51.89 1.66 0.01	52.60 2.41 0.01	57.87 2.23 0.01	60.92 2.65 0.46	62.65 2.46 1.14	70.14 4.23 4.62	80.87 5.97 1.61	90.44 7.15 1.88	97.99 9.54 7.01	121.40 11.97 0.32	127.59 11.49 8.93	111.53 7.56 5.61	90.70 6.09 2.44	77.18 3.04 0.02	59.68 1.74 0.02	52.58 1.53 0.01
WALDENNY_12_KV_BK2 80841	44.00 -2.86 0.00	40.11 -3.25 0.00	37.10 -2.88 0.01	35.45 -2.96 0.00	35.84 -2.86 0.00	37.36 -2.81 0.01	39.55 -2.62 0.03	37.82 -2.12 8.23	40.39 -1.81 8.05	46.24 -1.86 2.10	45.48 -1.95 8.22	47.62 -2.11 9.00	53.24 -2.15 5.95	51.84 -3.03 15.66	55.80 -3.14 17.57	67.46 -2.38 15.32	78.66 -2.67 14.12	100.02 -4.83 4.91	115.84 -5.50 3.69	106.08 -3.51 0.00	85.13 -1.92 0.00	70.49 -3.63 0.03	53.20 -3.07 1.69	45.50 -3.57 1.97
WALDEN___HYDRO 24148	48.64 1.78 0.00	45.01 1.65 0.00	41.50 1.52 0.00	39.79 1.38 0.00	40.09 1.39 0.00	41.71 1.53 0.00	43.97 1.77 0.00	50.19 2.02 0.00	52.65 2.41 0.00	52.50 2.31 0.01	58.71 3.06 0.00	62.09 3.35 0.00	64.95 3.62 0.00	74.97 4.44 0.00	81.85 5.36 0.02	92.23 7.07 0.00	105.47 8.78 -1.23	120.99 10.21 -1.03	135.90 10.88 0.00	117.47 7.89 0.00	92.79 5.75 0.00	77.93 3.78 0.00	60.34 2.38 0.00	53.14 2.09 0.00
WARRENSBURG____ 23737	48.87 2.01 0.00	45.31 1.95 0.00	41.78 1.80 0.00	40.02 1.61 0.00	40.29 1.59 0.00	41.83 1.65 0.00	43.67 1.48 0.00	49.66 1.49 0.00	51.60 1.36 0.00	51.50 1.31 0.00	57.04 1.39 0.00	60.56 1.82 0.00	63.24 1.90 0.00	72.93 2.40 0.00	79.34 2.83 0.00	88.83 3.66 0.00	106.28 3.63 -7.20	120.35 4.61 -5.99	130.90 5.88 0.00	115.28 5.70 0.00	91.31 4.27 0.00	77.95 3.19 -0.61	64.34 2.14 -4.23	52.74 1.68 0.00

WATERSIDE___6 8 9 23538	49.30 2.44 -0.01	45.54 2.17 -0.01	41.91 1.92 -0.01	40.14 1.73 -0.01	40.52 1.82 -0.01	42.20 2.01 -0.01	44.60 2.41 0.00	51.10 2.94 0.00	53.70 3.42 -0.04	58.18 3.26 -4.72	60.56 4.17 -0.73	63.40 4.64 -0.02	66.79 4.85 -0.61	77.44 5.85 -1.05	90.51 6.89 -7.11	97.97 8.77 -4.03	130.22 10.50 -24.26	164.09 12.29 -42.04	148.14 13.25 -9.87	119.12 9.53 0.00	93.84 6.79 0.00	78.83 4.67 0.00	60.98 3.01 -0.01	53.87 2.81 -0.01
WATKINRD_115KV_LN8_ILLION 55919	46.81 -0.05 0.00	43.32 -0.04 0.00	39.94 -0.04 0.00	38.37 -0.04 0.00	38.66 -0.04 0.00	40.14 -0.04 0.00	42.15 -0.04 0.00	48.12 -0.05 0.00	50.24 0.00 0.00	50.10 -0.10 0.00	55.59 -0.06 0.00	58.62 -0.12 0.00	61.21 -0.12 0.00	70.46 -0.07 0.00	76.59 0.08 0.00	85.42 0.26 0.00	95.45 0.00 0.00	109.86 0.11 0.00	125.27 0.25 0.00	109.69 0.11 0.00	87.22 0.17 0.00	74.15 0.00 0.00	58.08 0.12 0.00	51.15 0.10 0.00
WDELAWARE___HYD 323627	48.54 1.68 0.00	44.84 1.48 0.00	41.34 1.36 0.00	39.68 1.27 0.00	39.94 1.24 0.00	41.51 1.32 0.00	43.76 1.56 0.00	50.04 1.88 0.00	52.30 2.06 0.00	52.70 2.51 0.01	58.82 3.17 0.00	62.32 3.58 0.00	65.14 3.80 0.00	75.26 4.73 0.00	82.16 5.66 0.01	92.66 7.50 0.00	104.71 9.26 0.00	120.19 10.43 0.00	136.40 11.38 0.00	118.46 8.87 0.00	93.49 6.44 0.00	78.38 4.30 0.07	60.38 2.90 0.48	53.55 2.50 0.00
WEST BABYLON___IC 23714	50.04 3.19 0.00	45.79 2.43 0.00	42.02 2.04 0.00	40.21 1.81 0.00	40.60 1.90 0.00	42.27 2.09 0.00	44.81 2.62 0.00	51.06 2.89 0.00	53.05 2.81 0.00	53.86 3.66 0.01	60.15 4.51 0.01	62.83 4.23 0.14	65.65 4.66 0.34	75.94 6.70 1.29	84.62 8.57 0.46	94.69 10.05 0.52	107.13 12.31 0.63	125.69 14.93 -1.01	137.79 15.25 2.49	118.65 10.63 1.57	94.81 8.44 0.68	79.26 5.12 0.01	61.15 3.19 0.00	53.81 2.76 0.00
WEST CANADA___HYD 24049	46.86 0.00 0.00	43.41 0.04 0.00	40.02 0.04 0.00	38.45 0.04 0.00	38.74 0.04 0.00	40.22 0.04 0.00	42.24 0.04 0.00	48.22 0.05 0.00	50.29 0.05 0.00	50.20 0.00 0.00	55.71 0.06 0.00	58.86 0.12 0.00	61.40 0.06 0.00	70.67 0.14 0.00	76.74 0.23 0.00	85.59 0.43 0.00	95.93 0.48 0.00	110.31 0.55 0.00	125.65 0.63 0.00	110.13 0.55 0.00	87.40 0.35 0.00	74.30 0.15 0.00	58.08 0.12 0.00	51.10 0.05 0.00
WESTERN_NY_WIND 24143	44.84 -2.01 0.00	40.89 -2.47 0.00	37.81 -2.16 0.01	36.14 -2.27 0.00	36.53 -2.17 0.00	38.17 -2.01 0.01	40.11 -2.07 0.02	41.67 -1.54 4.96	44.19 -1.21 4.85	47.52 -1.41 1.27	49.12 -1.56 4.97	51.71 -1.59 5.44	55.91 -1.84 3.58	58.42 -2.68 9.44	63.01 -2.91 10.59	73.98 -1.96 9.22	82.77 -2.29 10.39	101.77 -4.06 3.92	117.56 -4.25 3.22	107.94 -1.64 0.00	86.44 -0.61 0.00	72.34 -1.78 0.04	54.45 -1.68 1.84	46.80 -2.50 1.75
WESTOVER___LESR 323668	46.74 -0.14 -0.02	43.12 -0.30 -0.06	39.70 -0.28 0.00	38.10 -0.31 0.00	38.43 -0.27 0.00	39.95 -0.24 0.00	42.20 0.00 0.00	49.77 0.34 -1.26	52.09 0.50 -1.35	50.96 0.45 -0.31	57.71 0.61 -1.44	60.94 0.59 -1.62	63.23 0.67 -1.22	74.37 0.78 -3.06	81.25 1.15 -3.59	90.54 1.87 -3.50	101.60 2.10 -4.05	114.04 1.98 -2.31	129.47 2.38 -2.07	113.73 2.19 -1.95	90.67 2.00 -1.62	75.72 0.67 -0.90	57.87 0.17 0.27	50.99 -0.20 -0.14
WETHRSFD_WT_PWR 323626	44.61 -2.25 0.00	40.85 -2.52 0.00	37.58 -2.40 0.01	35.84 -2.57 0.00	36.26 -2.44 0.00	37.70 -2.45 0.03	39.89 -2.24 0.07	22.20 -2.12 23.85	24.91 -2.01 23.32	41.84 -2.26 6.10	29.36 -2.39 23.90	29.88 -2.70 26.16	41.35 -2.76 17.23	21.24 -3.88 45.41	21.48 -4.06 50.97	37.57 -3.41 44.18	45.43 -3.63 46.39	89.62 -7.57 12.56	111.01 -7.75 6.26	106.73 -2.85 0.00	86.01 -1.04 0.00	71.90 -2.22 0.03	54.35 -2.20 1.41	45.07 -2.76 3.22
WHAVSTOR_138KV_BK127 55557	48.45 1.59 0.00	44.88 1.52 0.00	41.34 1.36 0.00	39.68 1.27 0.00	40.01 1.32 0.00	41.59 1.41 0.00	43.88 1.69 0.00	50.09 1.93 0.00	52.55 2.31 0.00	52.45 2.31 0.05	58.76 3.12 0.01	62.20 3.47 0.00	64.95 3.62 0.00	74.97 4.44 0.01	81.78 5.36 0.08	92.23 7.07 0.00	105.72 8.59 -1.68	121.25 10.10 -1.40	135.78 10.75 0.00	117.04 7.45 0.00	92.45 5.40 0.00	77.56 3.41 0.00	60.05 2.09 0.00	52.94 1.89 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.45 1.59 0.00	44.88 1.52 0.00	41.34 1.36 0.00	39.68 1.27 0.00	40.01 1.32 0.00	41.59 1.41 0.00	43.88 1.69 0.00	50.09 1.93 0.00	52.55 2.31 0.00	52.45 2.31 0.05	58.76 3.12 0.01	62.20 3.47 0.00	64.95 3.62 0.00	74.97 4.44 0.01	81.78 5.36 0.08	92.23 7.07 0.00	105.72 8.59 -1.68	121.25 10.10 -1.40	135.78 10.75 0.00	117.04 7.45 0.00	92.45 5.40 0.00	77.56 3.41 0.00	60.05 2.09 0.00	52.94 1.89 0.00
WHITEHAL_115KV_TB1 80871	50.04 3.19 0.00	46.35 2.99 0.00	42.74 2.76 0.00	40.91 2.50 0.00	41.21 2.52 0.00	42.80 2.61 0.00	45.19 3.00 0.00	51.15 2.99 0.00	52.85 2.61 0.00	52.66 2.46 0.00	58.15 2.50 0.00	61.91 3.17 0.00	64.58 3.25 0.00	74.48 3.95 0.00	81.10 4.59 0.00	90.79 5.62 0.00	109.30 6.01 -7.83	123.95 7.68 -6.51	135.53 10.50 0.00	120.32 10.74 0.00	95.40 8.36 0.00	81.32 6.53 -0.64	66.94 4.58 -4.40	54.73 3.68 0.00
WHITEPLN_13_KV_LOAD 356215	49.29 2.44 0.00	45.62 2.25 0.00	41.98 2.00 0.00	40.29 1.88 0.00	40.63 1.93 0.00	42.23 2.05 0.00	44.60 2.41 0.00	51.01 2.84 0.00	53.61 3.37 0.00	53.66 3.46 0.00	59.99 4.34 0.00	63.79 5.05 0.00	66.68 5.34 -0.01	77.16 6.63 0.00	84.24 7.73 0.00	95.13 9.96 0.00	109.08 11.84 -1.79	125.73 14.49 -1.49	140.53 15.50 0.00	121.09 11.51 0.00	95.40 8.36 0.00	79.86 5.71 0.00	61.21 3.25 0.00	53.86 2.81 0.00
WM_FLOYD_69_KV_BK2 356380	49.57 2.72 0.00	45.31 1.95 0.00	41.54 1.56 0.00	39.79 1.38 0.00	40.17 1.47 0.00	41.79 1.61 0.00	44.47 2.28 0.00	50.43 2.26 0.00	52.15 1.91 0.00	52.90 2.71 0.01	58.86 3.23 0.01	60.89 2.58 0.44	63.11 2.88 1.10	71.01 4.87 4.39	81.55 6.58 1.54	91.39 8.01 1.79	99.30 10.31 6.46	122.46 12.84 0.13	129.29 12.75 8.49	112.69 8.44 5.33	91.52 6.79 2.32	78.06 3.93 0.02	60.09 2.14 0.02	52.99 1.94 0.00
WOODARD__115KV_TB2 355635	46.31 -0.56 -0.02	42.76 -0.65 -0.05	39.34 -0.64 0.01	37.79 -0.61 0.00	38.08 -0.62 0.00	39.58 -0.60 0.00	41.65 -0.55 0.00	47.64 -0.58 -0.06	49.93 -0.45 -0.14	49.75 -0.45 0.00	55.45 -0.39 -0.18	58.44 -0.53 -0.23	61.11 -0.49 -0.27	70.43 -0.71 -0.60	76.69 -0.61 -0.79	85.97 -0.17 -0.97	96.23 -0.29 -1.07	110.07 -0.88 -1.20	125.41 -0.88 -1.26	110.76 -0.33 -1.50	88.20 -0.09 -1.24	74.32 -0.52 -0.69	57.16 -0.46 0.34	50.27 -0.71 0.07
YORK___WARBASSE 23770	49.63 2.76 -0.01	45.84 2.47 -0.01	42.15 2.16 -0.01	40.41 2.00 -0.01	40.80 2.09 -0.01	42.44 2.25 -0.01	44.85 2.66 0.00	51.40 3.23 -0.01	54.00 3.72 -0.04	58.28 3.36 -4.72	60.78 4.40 -0.73	63.81 5.05 -0.02	67.16 5.21 -0.61	77.79 6.21 -1.05	90.97 7.34 -7.11	98.48 9.28 -4.03	130.88 11.17 -24.26	164.75 12.95 -42.04	149.15 14.25 -9.87	120.00 10.41 -0.01	94.54 7.49 -0.01	79.43 5.26 -0.01	61.39 3.42 -0.01	54.23 3.17 -0.01