

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/10/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	53.40	45.17	41.57	34.09	42.56	44.34	47.45	51.29	50.63	52.92	51.57	54.17	60.60	84.47	86.61	75.44	76.24	70.98	85.39	80.55	79.48	80.44	60.90	52.82
24138	2.52	2.37	2.18	1.81	2.12	2.07	2.30	2.60	2.56	2.44	2.34	1.95	2.20	3.33	3.73	4.24	5.00	4.50	4.57	3.81	3.30	2.86	2.50	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.40	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	53.61	45.30	41.67	34.16	42.64	44.42	47.53	51.38	50.74	53.05	51.69	54.32	60.81	84.75	86.87	75.65	76.42	71.18	85.67	80.85	79.80	80.77	61.17	52.96
24260	2.73	2.50	2.27	1.88	2.20	2.15	2.38	2.69	2.67	2.58	2.45	2.11	2.41	3.61	4.00	4.46	5.18	4.70	4.86	4.12	3.61	3.19	2.77	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.40	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	53.61	45.30	41.67	34.16	42.64	44.42	47.53	51.38	50.74	53.05	51.69	54.32	60.81	84.75	86.87	75.65	76.42	71.18	85.67	80.85	79.80	80.77	61.17	52.96
24261	2.73	2.50	2.27	1.88	2.20	2.15	2.38	2.69	2.67	2.58	2.45	2.11	2.41	3.61	4.00	4.46	5.18	4.70	4.86	4.12	3.61	3.19	2.77	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.40	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	54.79	45.94	42.10	34.67	43.66	45.34	48.43	52.49	51.77	53.98	52.17	54.99	61.12	78.46	85.56	75.83	76.41	71.00	86.14	81.96	81.03	81.94	61.77	52.98
24011	3.91	3.13	2.71	2.38	3.21	3.06	3.28	3.80	3.70	3.51	2.93	2.78	2.72	3.74	4.46	4.64	5.17	4.52	5.33	5.23	4.85	4.36	3.38	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.02	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	55.34	46.34	42.43	34.97	44.10	45.72	48.88	53.05	52.30	54.48	52.60	55.31	61.50	79.02	86.22	76.57	77.30	71.80	87.04	82.77	81.74	82.42	62.24	53.26
23798	4.46	3.54	3.03	2.69	3.66	3.45	3.73	4.36	4.23	4.01	3.37	3.10	3.10	4.26	5.10	5.37	6.06	5.31	6.22	6.03	5.55	4.84	3.85	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.98	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	54.79	45.94	42.10	34.67	43.66	45.34	48.43	52.49	51.77	53.98	52.17	54.99	61.12	78.46	85.56	75.83	76.41	71.00	86.14	81.96	81.03	81.94	61.77	52.98
24028	3.91	3.13	2.71	2.38	3.21	3.06	3.28	3.80	3.70	3.51	2.93	2.78	2.72	3.74	4.46	4.64	5.17	4.52	5.33	5.23	4.85	4.36	3.38	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.02	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	52.46	44.12	40.43	33.40	41.86	43.55	46.35	50.26	49.59	51.73	50.12	52.66	58.33	70.67	79.85	72.10	72.18	67.26	81.20	77.26	77.02	78.49	59.52	51.09
23527	1.58	1.32	1.03	1.12	1.42	1.27	1.20	1.57	1.52	1.25	0.88	0.45	-0.07	-0.33	-0.23	0.91	0.95	0.77	0.39	0.52	0.84	0.91	1.12	0.40
	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	6.74	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	50.49	42.62	39.26	32.39	40.54	42.19	44.94	48.65	48.01	50.21	48.79	51.35	57.14	73.50	79.51	70.45	70.74	65.99	79.91	75.81	75.16	76.50	57.79	49.80
24190	-0.39	-0.18	-0.13	0.11	0.10	-0.08	-0.20	-0.04	-0.06	-0.26	-0.44	-0.86	-1.26	-1.75	-1.74	-0.74	-0.50	-0.49	-0.90	-0.93	-1.02	-1.08	-0.60	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	51.37	43.17	39.70	32.38	40.59	42.60	45.61	49.06	48.49	50.89	49.55	52.66	58.86	78.25	82.30	70.62	70.07	65.22	79.76	75.71	75.58	77.13	57.82	50.62
355683	0.49	0.37	0.30	0.10	0.15	0.33	0.46	0.37	0.42	0.41	0.31	0.45	0.46	0.51	0.36	-0.57	-1.17	-1.27	-1.05	-1.02	-0.60	-0.45	-0.57	-0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	50.86	43.39	40.01	33.00	41.34	43.05	45.86	49.54	48.79	50.92	49.45	52.00	57.40	74.05	79.40	70.09	70.49	65.90	80.05	76.13	75.60	77.03	58.16	50.15
323833	-0.02	0.58	0.62	0.71	0.90	0.77	0.72	0.86	0.72	0.44	0.22	-0.20	-1.00	-2.07	-2.09	-1.11	-0.75	-0.58	-0.76	-0.61	-0.58	-0.55	-0.23	-0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.84	43.37	40.00	32.98	41.33	43.04	45.86	49.54	48.78	50.91	49.43	51.99	57.40	74.03	79.39	70.07	70.45	65.86	79.99	76.07	75.57	76.99	58.14	50.12
323834	-0.04	0.57	0.61	0.70	0.88	0.76	0.71	0.85	0.71	0.43	0.20	-0.21	-1.00	-2.09	-2.10	-1.13	-0.79	-0.63	-0.82	-0.67	-0.61	-0.59	-0.25	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	50.49	42.62	39.26	32.39	40.54	42.19	44.94	48.65	48.01	50.21	48.79	51.35	57.14	73.50	79.51	70.45	70.74	65.99	79.91	75.81	75.16	76.50	57.79	49.80
23571	-0.39	-0.18	-0.13	0.11	0.10	-0.08	-0.20	-0.04	-0.06	-0.26	-0.44	-0.86	-1.26	-1.75	-1.74	-0.74	-0.50	-0.49	-0.90	-0.93	-1.02	-1.08	-0.60	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	50.49 -0.39 0.00	42.62 -0.18 0.00	39.26 -0.13 0.00	32.39 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.94 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.21 -0.26 0.00	48.79 -0.44 0.00	51.35 -0.86 0.00	57.14 -1.26 0.00	73.50 -1.75 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.74 -0.50 0.00	65.99 -0.49 0.00	79.91 -0.90 0.00	75.81 -0.93 0.00	75.16 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.80 -0.88 0.00
ALBANY___3 23573	50.49 -0.39 0.00	42.62 -0.18 0.00	39.26 -0.13 0.00	32.39 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.94 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.21 -0.26 0.00	48.79 -0.44 0.00	51.35 -0.86 0.00	57.14 -1.26 0.00	73.50 -1.75 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.74 -0.50 0.00	65.99 -0.49 0.00	79.91 -0.90 0.00	75.81 -0.93 0.00	75.16 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.80 -0.88 0.00
ALBANY___4 23574	50.49 -0.39 0.00	42.62 -0.18 0.00	39.26 -0.13 0.00	32.39 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.94 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.21 -0.26 0.00	48.79 -0.44 0.00	51.35 -0.86 0.00	57.14 -1.26 0.00	73.50 -1.75 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.74 -0.50 0.00	65.99 -0.49 0.00	79.91 -0.90 0.00	75.81 -0.93 0.00	75.16 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.80 -0.88 0.00
ALBANY___LFGE 323615	51.20 0.31 0.00	43.19 0.39 0.00	39.75 0.36 0.00	32.77 0.49 0.00	41.04 0.59 0.00	42.71 0.43 0.00	45.53 0.39 0.00	49.29 0.60 0.00	48.66 0.59 0.00	50.92 0.44 0.00	49.50 0.26 0.00	52.14 -0.06 0.00	58.09 -0.31 0.00	74.59 -0.44 2.72	80.82 -0.36 0.75	71.70 0.50 0.00	72.02 0.78 0.00	67.18 0.70 0.00	81.34 0.52 0.00	77.17 0.44 0.00	76.44 0.25 0.00	77.74 0.17 0.00	58.71 0.31 0.00	50.57 -0.11 0.00
ALCOA_PA_115KV_PL-6C 55860	51.67 0.79 0.00	43.40 0.60 0.00	39.91 0.52 0.00	32.54 0.26 0.00	40.80 0.35 0.00	42.82 0.55 0.00	45.95 0.81 0.00	49.40 0.71 0.00	48.77 0.70 0.00	51.08 0.61 0.00	49.81 0.57 0.00	52.94 0.73 0.00	59.17 0.78 0.00	78.58 0.84 0.00	82.55 0.61 0.00	70.75 -0.45 0.00	70.17 -1.07 0.00	65.31 -1.18 0.00	80.01 -0.81 0.00	76.00 -0.74 0.00	75.92 -0.27 0.00	77.48 -0.10 0.00	58.15 -0.24 0.00	50.92 0.24 0.00
ALCOA_RYNLDS___DRP 24188	51.67 0.79 0.00	43.40 0.60 0.00	39.91 0.52 0.00	32.54 0.26 0.00	40.80 0.35 0.00	42.82 0.55 0.00	45.95 0.81 0.00	49.40 0.71 0.00	48.77 0.70 0.00	51.08 0.61 0.00	49.81 0.57 0.00	52.94 0.73 0.00	59.17 0.78 0.00	78.58 0.84 0.00	82.55 0.61 0.00	70.75 -0.45 0.00	70.17 -1.07 0.00	65.31 -1.18 0.00	80.01 -0.81 0.00	76.00 -0.74 0.00	75.92 -0.27 0.00	77.48 -0.10 0.00	58.15 -0.24 0.00	50.92 0.24 0.00
ALCOA___DSASP 323711	51.67 0.79 0.00	43.40 0.60 0.00	39.91 0.52 0.00	32.54 0.26 0.00	40.80 0.35 0.00	42.82 0.55 0.00	45.95 0.81 0.00	49.40 0.71 0.00	48.77 0.70 0.00	51.08 0.61 0.00	49.81 0.57 0.00	52.94 0.73 0.00	59.17 0.78 0.00	78.58 0.85 0.00	82.55 0.61 0.00	70.75 -0.45 0.00	70.17 -1.07 0.00	65.31 -1.17 0.00	80.01 -0.81 0.00	76.00 -0.74 0.00	75.92 -0.26 0.00	77.48 -0.10 0.00	58.15 -0.24 0.00	50.92 0.24 0.00
ALLEGHENY___COGEN 23514	53.64 2.76 0.00	44.75 1.95 0.00	41.06 1.67 0.00	33.50 1.22 0.00	41.97 1.53 0.00	44.13 1.86 0.00	47.25 2.11 0.00	49.56 0.88 0.00	47.93 -0.13 0.00	51.11 0.64 0.00	50.44 1.20 0.00	54.05 1.84 0.00	61.32 2.92 0.00	81.99 4.25 0.00	86.36 4.42 0.00	75.29 4.10 0.00	76.66 5.42 0.00	71.60 5.12 0.00	85.76 4.95 0.00	83.80 7.06 0.00	83.09 6.90 0.00	84.56 6.97 0.00	64.26 5.86 0.00	55.12 4.43 0.00
ALTAMONT_115KV_TB 2 55880	51.31 0.43 0.00	43.29 0.49 0.00	39.87 0.48 0.00	32.82 0.54 0.00	41.12 0.67 0.00	42.81 0.54 0.00	45.62 0.47 0.00	49.32 0.63 0.00	48.65 0.58 0.00	50.91 0.43 0.00	49.48 0.24 0.00	52.19 -0.02 0.00	58.14 -0.25 0.00	75.70 -0.42 1.62	81.19 -0.30 0.45	71.60 0.40 0.00	71.90 0.66 0.00	67.11 0.62 0.00	81.29 0.47 0.00	77.18 0.45 0.00	76.51 0.33 0.00	77.85 0.26 0.00	58.81 0.42 0.00	50.77 0.08 0.00
ALTONA_WT_PWR 323606	51.17 0.29 0.00	42.98 0.18 0.00	39.55 0.15 0.00	32.28 -0.01 0.00	40.44 0.00 0.00	42.44 0.16 0.00	45.45 0.31 0.00	48.77 0.08 0.00	48.09 0.03 0.00	50.22 -0.25 0.00	48.98 -0.26 0.00	52.25 0.04 0.00	58.45 0.05 0.00	77.69 -0.05 0.00	81.75 -0.19 0.00	70.08 -1.12 0.00	69.53 -1.71 0.00	64.81 -1.68 0.00	79.28 -1.53 0.00	75.36 -1.38 0.00	75.04 -1.15 0.00	76.42 -1.17 0.00	57.36 -1.03 0.00	50.43 -0.26 0.00
AMERICAN_REF_FUEL 24010	50.00 -0.88 0.00	41.64 -1.16 0.00	38.23 -1.17 0.00	31.13 -1.15 0.00	38.95 -1.50 0.00	41.09 -1.19 0.00	44.08 -1.06 0.00	46.72 -1.97 0.00	46.27 -1.80 0.00	49.76 -0.72 0.00	49.71 0.48 0.00	53.76 1.55 0.00	60.72 2.32 0.00	81.48 3.74 0.00	85.52 3.58 0.00	74.26 3.06 0.00	75.39 4.16 0.00	70.59 4.11 0.00	84.60 3.79 0.00	80.44 3.70 0.00	78.82 2.63 0.00	79.65 2.07 0.00	61.59 3.20 0.00	53.72 3.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.62 0.74 0.00	42.96 0.15 0.00	39.45 0.06 0.00	31.84 -0.44 0.00	39.75 -0.69 0.00	42.09 -0.18 0.00	45.25 0.11 0.00	48.79 0.10 0.00	48.51 0.45 0.00	51.94 1.47 0.00	51.63 2.39 0.00	55.87 3.66 0.00	63.15 4.75 0.00	84.85 7.11 0.00	89.21 7.27 0.00	77.48 6.29 0.00	78.49 7.25 0.00	73.67 7.18 0.00	88.32 7.51 0.00	84.20 7.46 0.00	82.48 6.30 0.00	83.51 5.93 0.00	63.97 5.58 0.00	54.87 4.18 0.00
ARTHUR KILL_GT_1 23520	53.22 2.33 0.00	45.16 2.35 0.00	41.47 2.07 0.00	33.96 1.68 0.00	42.38 1.94 0.00	44.14 1.86 0.00	47.17 2.03 0.00	50.71 2.02 0.00	50.25 2.18 0.00	52.15 1.68 0.00	50.83 1.59 0.00	53.05 0.94 0.09	59.43 1.04 0.01	83.07 1.93 -3.40	85.14 2.27 -0.93	74.28 3.08 0.00	75.02 3.79 0.01	69.91 3.44 0.01	84.24 3.43 0.01	79.51 2.79 0.01	78.53 2.36 0.01	79.52 1.95 0.01	60.33 1.95 0.00	52.38 1.70 0.00
ARTHUR_KILL_2 23512	53.01 2.13 0.00	44.99 2.19 0.00	41.31 1.92 0.00	33.84 1.56 0.00	42.23 1.78 0.00	43.98 1.71 0.00	47.00 1.85 0.00	50.54 1.85 0.00	50.07 2.00 0.00	51.97 1.50 0.00	50.63 1.39 0.00	52.84 0.73 0.09	59.18 0.79 0.01	82.69 1.55 -3.40	84.75 1.88 -0.93	73.92 2.72 0.00	74.67 3.44 0.01	69.58 3.11 0.01	83.88 3.08 0.01	79.14 2.41 0.01	78.16 1.98 0.01	79.16 1.59 0.01	60.06 1.67 0.00	52.15 1.47 0.00
ARTHUR_KILL_3 23513	52.77 1.89 0.01	44.63 1.83 0.00	41.05 1.66 0.00	33.65 1.37 0.00	42.00 1.56 0.00	43.74 1.46 0.00	46.78 1.63 0.00	50.55 1.87 0.00	49.90 1.83 0.00	52.17 1.69 0.00	50.81 1.58 0.00	53.20 1.08 0.09	59.62 1.22 0.00	83.17 2.03 -3.40	85.19 2.32 -0.94	74.25 3.05 0.00	74.99 3.75 0.00	69.88 3.40 0.00	84.08 3.27 0.00	79.33 2.60 0.00	78.33 2.15 0.00	79.28 1.70 0.00	60.11 1.72 0.00	52.09 1.41 0.00

ARTHUR_KILL_COGEN 323718	53.22 2.33 0.00	45.16 2.36 0.00	41.46 2.07 0.00	33.96 1.68 0.00	42.38 1.93 0.00	44.13 1.86 0.00	47.18 2.03 0.00	50.73 2.04 0.00	50.26 2.19 0.00	52.17 1.69 0.00	50.83 1.60 0.00	53.06 0.94 0.09	59.42 1.03 0.01	83.04 1.90 -3.40	85.11 2.24 -0.93	74.27 3.07 0.00	74.99 3.76 0.01	69.91 3.43 0.01	84.24 3.44 0.01	79.51 2.79 0.01	78.54 2.36 0.01	79.53 1.96 0.01	60.34 1.95 0.00	52.38 1.69 0.00
ASHOKAN____ 23654	52.76 1.87 0.00	44.40 1.60 0.00	40.87 1.48 0.00	33.62 1.33 0.00	42.07 1.63 0.00	43.80 1.52 0.00	46.78 1.64 0.00	50.71 2.02 0.00	49.93 1.87 0.00	52.10 1.63 0.00	50.85 1.61 0.00	53.59 1.38 0.00	59.71 1.31 0.00	80.49 2.75 0.00	84.94 3.00 0.00	74.14 2.94 0.00	74.71 3.47 0.00	70.08 3.60 0.00	85.41 4.60 0.00	80.69 3.95 0.00	79.91 3.73 0.00	81.01 3.42 0.00	61.03 2.64 0.00	52.43 1.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.14 2.26 0.00	44.98 2.18 0.00	41.39 2.00 0.00	33.97 1.68 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.14 1.99 0.00	50.85 2.16 0.00	50.25 2.19 0.00	52.48 2.00 0.00	51.11 1.87 0.00	53.57 1.35 -0.01	59.86 1.40 -0.06	84.06 2.26 -4.06	86.05 2.53 -1.58	74.86 3.22 -0.44	75.68 3.98 -0.46	70.04 3.55 -0.01	84.30 3.48 -0.01	79.61 2.87 -0.01	78.64 2.45 -0.01	79.67 2.08 -0.01	60.41 2.01 -0.01	52.46 1.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.14 2.26 0.00	44.98 2.18 0.00	41.39 2.00 0.00	33.97 1.68 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.14 1.99 0.00	50.85 2.16 0.00	50.25 2.19 0.00	52.48 2.00 0.00	51.11 1.87 0.00	53.57 1.35 -0.01	59.86 1.40 -0.06	84.06 2.26 -4.06	86.05 2.53 -1.58	74.86 3.22 -0.44	75.68 3.98 -0.46	70.04 3.55 -0.01	84.30 3.48 -0.01	79.61 2.87 -0.01	78.64 2.45 -0.01	79.67 2.08 -0.01	60.41 2.01 -0.01	52.46 1.77 0.00
ASTORIA_GT2_1 24094	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT2_2 24095	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT2_3 24096	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT2_4 24097	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT3_1 24098	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT3_2 24099	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT3_3 24100	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT3_4 24101	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT4_1 24102	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT4_2 24103	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT4_3 24104	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00

ASTORIA_GT4_4 24105	53.16 2.28 0.00	45.01 2.21 0.00	41.42 2.03 0.00	33.98 1.70 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.87 2.19 0.00	50.28 2.21 0.00	52.51 2.04 0.00	51.13 1.90 0.00	53.57 1.36 0.00	59.90 1.45 -0.05	84.11 2.32 -4.06	86.13 2.61 -1.58	74.91 3.28 -0.43	75.71 4.01 -0.45	70.08 3.59 -0.01	84.33 3.51 -0.01	79.63 2.89 -0.01	78.68 2.49 -0.01	79.72 2.13 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA_GT_1 23523	53.30 2.41 0.00	45.10 2.30 0.00	41.51 2.12 0.00	34.05 1.77 0.00	42.45 2.00 0.00	44.22 1.94 0.00	47.26 2.11 0.00	51.00 2.31 0.00	50.40 2.33 0.00	52.64 2.17 0.00	51.28 2.04 0.00	53.73 1.51 0.00	60.08 1.63 -0.05	84.36 2.56 -4.06	86.38 2.87 -1.58	75.13 3.50 -0.43	75.97 4.28 -0.45	70.31 3.82 -0.01	84.57 3.76 -0.01	79.88 3.13 -0.01	78.90 2.71 -0.01	79.93 2.34 -0.01	60.60 2.21 -0.01	52.63 1.94 0.00
ASTORIA_GT_10 24110	52.15 2.04 0.78	44.86 2.05 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.25 1.80 0.00	44.00 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.42 1.21 0.00	59.73 1.34 0.00	83.27 2.13 -3.40	85.27 2.40 -0.93	74.29 3.10 0.00	75.02 3.79 0.01	69.89 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.17 1.85 21.27	51.32 1.80 8.87	52.32 1.63 0.00
ASTORIA_GT_11 24225	52.15 2.04 0.78	44.86 2.05 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.25 1.80 0.00	44.00 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.42 1.21 0.00	59.73 1.34 0.00	83.27 2.13 -3.40	85.27 2.40 -0.93	74.29 3.10 0.00	75.02 3.79 0.01	69.89 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.17 1.85 21.27	51.32 1.80 8.87	52.32 1.63 0.00
ASTORIA_GT_12 24226	52.15 2.04 0.78	44.86 2.05 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.25 1.80 0.00	44.00 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.42 1.21 0.00	59.73 1.34 0.00	83.27 2.13 -3.40	85.27 2.40 -0.93	74.29 3.10 0.00	75.02 3.79 0.01	69.89 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.17 1.85 21.27	51.32 1.80 8.87	52.32 1.63 0.00
ASTORIA_GT_13 24227	52.15 2.04 0.78	44.86 2.05 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.25 1.80 0.00	44.00 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.42 1.21 0.00	59.73 1.34 0.00	83.27 2.13 -3.40	85.27 2.40 -0.93	74.29 3.10 0.00	75.02 3.79 0.01	69.89 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.17 1.85 21.27	51.32 1.80 8.87	52.32 1.63 0.00
ASTORIA_GT_5 24106	53.30 2.41 0.00	45.10 2.30 0.00	41.51 2.12 0.00	34.05 1.77 0.00	42.45 2.00 0.00	44.22 1.94 0.00	47.26 2.11 0.00	51.00 2.31 0.00	50.40 2.33 0.00	52.64 2.17 0.00	51.28 2.04 0.00	53.73 1.51 0.00	60.08 1.63 -0.05	84.36 2.56 -4.06	86.38 2.87 -1.58	75.13 3.50 -0.43	75.97 4.28 -0.45	70.31 3.82 -0.01	84.57 3.76 -0.01	79.88 3.13 -0.01	78.90 2.71 -0.01	79.93 2.34 -0.01	60.60 2.21 -0.01	52.63 1.94 0.00
ASTORIA_GT_7 24107	53.30 2.41 0.00	45.10 2.30 0.00	41.51 2.12 0.00	34.05 1.77 0.00	42.45 2.00 0.00	44.22 1.94 0.00	47.26 2.11 0.00	51.00 2.31 0.00	50.40 2.33 0.00	52.64 2.17 0.00	51.28 2.04 0.00	53.73 1.51 0.00	60.08 1.63 -0.05	84.36 2.56 -4.06	86.38 2.87 -1.58	75.13 3.50 -0.43	75.97 4.28 -0.45	70.31 3.82 -0.01	84.57 3.76 -0.01	79.88 3.13 -0.01	78.90 2.71 -0.01	79.93 2.34 -0.01	60.60 2.21 -0.01	52.63 1.94 0.00
ASTORIA_GT_8 24108	53.30 2.41 0.00	45.10 2.30 0.00	41.51 2.12 0.00	34.05 1.77 0.00	42.45 2.00 0.00	44.22 1.94 0.00	47.26 2.11 0.00	51.00 2.31 0.00	50.40 2.33 0.00	52.64 2.17 0.00	51.28 2.04 0.00	53.73 1.51 0.00	60.08 1.63 -0.05	84.36 2.56 -4.06	86.38 2.87 -1.58	75.13 3.50 -0.43	75.97 4.28 -0.45	70.31 3.82 -0.01	84.57 3.76 -0.01	79.88 3.13 -0.01	78.90 2.71 -0.01	79.93 2.34 -0.01	60.60 2.21 -0.01	52.63 1.94 0.00
ASTORIA___2 24149	53.16 2.27 0.00	45.01 2.21 0.00	41.41 2.02 0.00	33.98 1.70 0.00	42.36 1.91 0.00	44.12 1.85 0.00	47.17 2.02 0.00	50.88 2.19 0.00	50.28 2.22 0.00	52.51 2.03 0.00	51.14 1.90 0.00	53.58 1.36 -0.01	59.90 1.45 -0.06	84.10 2.30 -4.06	86.09 2.57 -1.58	74.90 3.27 -0.44	75.71 4.01 -0.46	70.08 3.59 -0.01	84.34 3.52 -0.01	79.64 2.89 -0.01	78.68 2.48 -0.01	79.71 2.12 -0.01	60.44 2.04 -0.01	52.50 1.81 0.00
ASTORIA___3 23516	52.14 2.04 0.78	44.86 2.05 0.00	41.29 1.89 0.00	33.87 1.58 0.00	42.25 1.81 0.00	44.01 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.28 1.81 0.00	50.96 1.72 0.00	53.43 1.22 0.00	59.73 1.33 0.00	83.25 2.11 -3.40	85.25 2.38 -0.93	74.29 3.09 0.00	75.01 3.79 0.01	69.88 3.40 0.01	70.08 3.34 14.08	61.18 2.72 18.28	58.32 2.24 20.10	58.16 1.84 21.27	51.33 1.80 8.87	52.31 1.63 0.00
ASTORIA___4 23517	52.15 2.04 0.78	44.86 2.05 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.25 1.80 0.00	44.00 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.42 1.21 0.00	59.73 1.34 0.00	83.27 2.13 -3.40	85.27 2.40 -0.93	74.29 3.10 0.00	75.02 3.79 0.01	69.88 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.16 1.85 21.27	51.32 1.80 8.87	52.32 1.63 0.00
ASTORIA___5 23518	52.14 2.04 0.78	44.86 2.05 0.00	41.29 1.89 0.00	33.87 1.58 0.00	42.25 1.81 0.00	44.01 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.28 1.81 0.00	50.96 1.72 0.00	53.43 1.22 0.00	59.73 1.33 0.00	83.25 2.11 -3.40	85.25 2.38 -0.93	74.29 3.09 0.00	75.01 3.79 0.01	69.88 3.40 0.01	70.08 3.34 14.08	61.18 2.72 18.28	58.32 2.24 20.10	58.16 1.84 21.27	51.33 1.80 8.87	52.31 1.63 0.00
AST_ENERGY_2_CC3 323677	52.98 2.10 0.00	44.78 1.98 0.00	41.19 1.80 0.00	33.77 1.49 0.00	42.15 1.70 0.00	43.90 1.63 0.00	46.94 1.80 0.00	50.74 2.05 0.00	50.09 2.03 0.00	52.35 1.88 0.00	51.01 1.77 0.00	53.58 1.37 0.00	59.93 1.54 0.00	83.54 2.40 -3.40	85.60 2.72 -0.94	74.58 3.38 0.00	75.32 4.08 0.00	70.17 3.69 0.00	84.47 3.66 0.00	79.73 2.99 0.00	78.70 2.52 0.00	79.66 2.07 0.00	60.36 1.97 0.00	52.29 1.60 0.00
AST_ENERGY_2_CC4 323678	52.98 2.10 0.00	44.78 1.98 0.00	41.19 1.80 0.00	33.77 1.49 0.00	42.15 1.70 0.00	43.90 1.63 0.00	46.94 1.80 0.00	50.74 2.05 0.00	50.09 2.03 0.00	52.35 1.88 0.00	51.01 1.77 0.00	53.58 1.37 0.00	59.93 1.54 0.00	83.54 2.40 -3.40	85.60 2.72 -0.94	74.58 3.38 0.00	75.32 4.08 0.00	70.17 3.69 0.00	84.47 3.66 0.00	79.73 2.99 0.00	78.70 2.52 0.00	79.66 2.07 0.00	60.36 1.97 0.00	52.29 1.60 0.00

ATHENS_STG_1 23668	51.62 0.74 0.00	43.52 0.72 0.00	40.08 0.69 0.00	32.98 0.70 0.00	41.30 0.85 0.00	42.97 0.69 0.00	45.77 0.62 0.00	49.48 0.79 0.00	48.82 0.75 0.00	51.09 0.61 0.00	49.73 0.49 0.00	52.42 0.21 0.00	58.52 0.12 0.00	79.30 0.17 -1.39	82.64 0.32 -0.38	72.28 1.08 0.00	72.67 1.43 0.00	67.82 1.33 0.00	81.96 1.14 0.00	77.66 0.93 0.00	76.87 0.69 0.00	78.15 0.56 0.00	59.12 0.73 0.00	51.06 0.38 0.00
ATHENS_STG_2 23670	51.62 0.74 0.00	43.52 0.72 0.00	40.08 0.69 0.00	32.98 0.70 0.00	41.30 0.85 0.00	42.97 0.69 0.00	45.77 0.62 0.00	49.48 0.79 0.00	48.82 0.75 0.00	51.09 0.61 0.00	49.73 0.49 0.00	52.42 0.21 0.00	58.52 0.12 0.00	79.30 0.17 -1.39	82.64 0.32 -0.38	72.28 1.08 0.00	72.67 1.43 0.00	67.82 1.33 0.00	81.96 1.14 0.00	77.66 0.93 0.00	76.87 0.69 0.00	78.15 0.56 0.00	59.12 0.73 0.00	51.06 0.38 0.00
ATHENS_STG_3 23677	51.62 0.74 0.00	43.52 0.72 0.00	40.08 0.69 0.00	32.98 0.70 0.00	41.30 0.85 0.00	42.97 0.69 0.00	45.77 0.62 0.00	49.48 0.79 0.00	48.82 0.75 0.00	51.09 0.61 0.00	49.73 0.49 0.00	52.42 0.21 0.00	58.52 0.12 0.00	79.30 0.17 -1.39	82.64 0.32 -0.38	72.28 1.08 0.00	72.67 1.43 0.00	67.82 1.33 0.00	81.96 1.14 0.00	77.66 0.93 0.00	76.87 0.69 0.00	78.15 0.56 0.00	59.12 0.73 0.00	51.06 0.38 0.00
AUBURN___LFGE 323710	51.24 0.36 0.00	43.02 0.22 0.00	39.60 0.20 0.00	32.42 0.14 0.00	40.64 0.19 0.00	42.61 0.26 -0.07	46.82 -0.02 -1.70	50.02 0.02 -1.31	49.48 -0.03 -1.44	52.26 0.04 -1.74	51.70 0.36 -2.10	55.36 0.75 -2.40	62.39 0.98 -3.01	84.18 1.60 -4.84	88.93 1.75 -5.23	77.08 1.66 -4.23	77.91 2.41 -4.26	72.74 2.44 -3.82	88.76 2.76 -5.18	84.40 2.87 -4.79	83.30 2.39 -4.72	84.86 2.44 -4.84	63.40 1.96 -3.05	54.15 1.42 -2.05
BABYLON_RES_REC 323704	52.56 2.18 0.51	44.93 2.12 0.00	41.52 2.13 0.00	34.03 1.75 0.00	42.63 2.19 0.00	44.03 1.75 0.00	46.83 1.68 0.00	18.03 1.62 32.29	17.31 1.55 32.30	17.77 1.47 34.18	44.51 1.61 6.34	45.24 1.25 8.22	46.59 1.37 13.18	50.40 2.18 29.52	52.64 2.75 32.05	55.86 3.12 18.45	52.66 3.90 22.47	49.43 3.47 20.52	51.40 3.38 32.79	48.65 2.74 30.82	26.75 2.29 51.73	32.63 1.92 46.87	26.92 1.55 33.02	22.71 1.16 29.14
BALL_HILL_WT_PWR 323825	50.97 0.09 0.00	42.45 -0.36 0.00	39.02 -0.38 0.00	31.71 -0.57 0.00	39.66 -0.78 0.00	41.84 -0.43 0.00	44.88 -0.27 0.00	48.07 -0.62 0.00	47.73 -0.33 0.00	51.14 0.66 0.00	50.84 1.60 0.00	54.97 2.76 0.00	62.12 3.72 0.00	83.50 5.76 0.00	87.72 5.78 0.00	76.30 5.11 0.00	77.32 6.08 0.00	72.52 6.03 0.00	86.96 6.14 0.00	82.82 6.08 0.00	81.06 4.87 0.00	82.07 4.48 0.00	62.93 4.54 0.00	54.29 3.60 0.00
BARON_WINDS___WT_PWR 323822	51.11 0.23 0.00	42.78 -0.02 0.00	39.33 -0.07 0.00	32.09 -0.19 0.00	40.20 -0.24 0.00	42.26 -0.02 0.00	45.11 -0.04 0.00	48.30 -0.39 0.00	47.52 -0.54 0.00	50.65 0.18 0.00	49.71 0.47 0.00	53.34 1.13 0.00	60.32 1.93 0.00	80.83 3.09 0.00	84.77 2.83 0.00	74.25 3.05 0.00	75.34 4.10 0.00	70.29 3.80 0.00	84.83 4.02 0.00	81.25 4.51 0.00	79.89 3.70 0.00	81.17 3.59 0.00	61.74 3.35 0.00	53.16 2.47 0.00
BARRETT_IC_1 23704	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_10 23701	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	59.00 0.66 0.06	47.75 1.10 31.08	51.19 1.38 32.13	49.49 2.18 23.89	50.60 2.97 23.60	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_11 23702	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	59.00 0.66 0.06	47.75 1.10 31.08	51.19 1.38 32.13	49.49 2.18 23.89	50.60 2.97 23.60	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_12 23703	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	59.00 0.66 0.06	47.75 1.10 31.08	51.19 1.38 32.13	49.49 2.18 23.89	50.60 2.97 23.60	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_2 23705	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_3 23706	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_4 23707	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_5 23708	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44

BARRETT_IC_6 23709	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_7 23710	60.53 1.82 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.20 1.76 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.17 1.27 -3.21	52.61 1.12 -3.43	56.08 1.00 -4.61	51.65 1.03 -1.38	54.65 0.62 -1.82	62.23 0.69 -3.14	92.89 1.29 -13.86	94.79 1.54 -11.31	79.42 2.24 -5.98	81.58 3.04 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.57 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.94 1.30 -69.25	58.10 0.97 -6.44
BARRETT_IC_8 23711	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT_IC_9 23700	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	59.00 0.66 0.06	47.75 1.10 31.08	51.19 1.38 32.13	49.49 2.18 23.89	50.60 2.97 23.60	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT___1 23545	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	62.19 0.66 -3.14	92.70 1.10 -13.86	94.63 1.38 -11.31	79.37 2.18 -5.98	81.51 2.97 -7.31	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BARRETT___2 23546	60.52 1.81 -7.82	44.53 1.73 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.19 1.75 0.00	43.73 1.46 0.00	46.53 1.38 0.00	53.15 1.25 -3.21	52.61 1.11 -3.43	56.08 0.99 -4.61	51.66 1.05 -1.38	54.65 0.62 -1.82	59.00 0.66 0.06	47.75 1.10 31.08	51.19 1.38 32.13	49.49 2.18 23.89	50.60 2.97 23.60	73.75 2.73 -4.53	90.62 2.57 -7.24	85.56 2.02 -6.81	88.02 1.57 -10.26	120.86 1.34 -41.94	128.95 1.31 -69.25	58.10 0.97 -6.44
BATAVIA___115KV_TB1 55881	51.98 1.10 0.00	43.26 0.45 0.00	39.67 0.28 0.00	32.32 0.04 0.00	40.46 0.02 0.00	42.66 0.39 0.00	45.88 0.73 0.00	48.91 0.21 0.00	48.39 0.32 0.00	51.72 1.24 0.00	51.51 2.27 0.00	55.64 3.43 0.00	62.87 4.48 0.00	84.51 6.77 0.00	89.05 7.11 0.00	77.37 6.18 0.00	78.22 6.98 0.00	73.45 6.97 0.00	88.50 7.69 0.00	84.54 7.80 0.00	82.99 6.80 0.00	83.90 6.32 0.00	64.25 5.86 0.00	55.59 4.90 0.00
BAYONEEC___CTG1 323682	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG10 323750	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG2 323683	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG3 323684	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG4 323685	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG5 323686	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG6 323687	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG7 323688	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00

BAYONEEC___CTG8 323689	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BAYONEEC___CTG9 323749	53.04 2.16 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.54 0.00	42.22 1.78 0.00	43.98 1.70 0.00	47.03 1.88 0.00	50.81 2.13 0.00	50.16 2.09 0.00	52.42 1.95 0.00	51.06 1.82 0.00	53.60 1.39 0.00	59.96 1.56 0.00	83.58 2.44 -3.40	85.64 2.77 -0.94	74.61 3.42 0.00	75.38 4.15 0.00	70.22 3.74 0.00	84.52 3.71 0.00	79.77 3.03 0.00	78.73 2.55 0.00	79.71 2.13 0.00	60.40 2.01 0.00	52.36 1.67 0.00
BEACON___LESR 323632	51.10 0.22 0.00	43.27 0.48 0.00	39.86 0.46 0.00	32.85 0.57 0.00	41.18 0.74 0.00	42.93 0.65 0.00	45.67 0.53 0.00	49.50 0.81 0.00	48.76 0.70 0.00	51.06 0.59 0.00	49.66 0.42 0.00	52.36 0.15 0.00	58.09 -0.31 0.00	74.62 -0.48 2.64	80.72 -0.49 0.73	71.53 0.34 0.00	71.98 0.74 0.00	67.25 0.77 0.00	81.73 0.92 0.00	77.38 0.65 0.00	76.59 0.41 0.00	78.03 0.44 0.00	58.73 0.33 0.00	50.59 -0.10 0.00
BEAVER RIVER___HYD 24048	53.52 2.64 0.00	44.80 2.00 0.00	41.17 1.77 0.00	33.60 1.32 0.00	42.13 1.69 0.00	44.28 1.95 -0.05	48.59 2.31 -1.14	51.83 2.26 -0.88	51.02 1.99 -0.97	53.41 1.77 -1.17	52.47 1.83 -1.41	55.80 1.98 -1.61	62.76 2.35 -2.02	83.96 2.99 -3.24	88.40 2.96 -3.50	76.13 2.11 -2.82	76.18 2.09 -2.85	70.91 1.88 -2.55	87.60 3.34 -3.46	83.48 3.55 -3.20	83.33 3.99 -3.15	85.68 4.87 -3.23	64.30 3.88 -2.03	55.04 3.04 -1.31
BEEBEE_GT_13 23619	51.19 0.31 0.00	42.76 -0.04 0.00	39.26 -0.13 0.00	32.05 -0.23 0.00	40.15 -0.30 0.00	42.21 -0.06 0.00	45.30 0.15 0.00	48.56 -0.13 0.00	48.23 0.17 0.00	51.43 0.96 0.00	51.01 1.77 0.00	54.87 2.67 0.00	61.87 3.47 0.00	82.82 5.09 0.00	87.06 5.12 0.00	75.80 4.60 0.00	76.80 5.56 0.00	71.99 5.51 0.00	86.85 6.03 0.00	82.42 5.68 0.00	80.85 4.67 0.00	81.80 4.22 0.00	62.24 3.85 0.00	53.75 3.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.66 2.78 0.00	45.42 2.61 0.00	41.74 2.34 0.00	34.19 1.91 0.00	42.65 2.21 0.00	44.42 2.15 0.00	47.51 2.37 0.00	51.23 2.54 0.00	50.70 2.63 0.00	52.84 2.37 0.00	51.48 2.24 0.00	53.99 1.78 0.00	60.42 2.02 0.00	84.32 3.18 -3.40	86.45 3.58 -0.93	75.34 4.14 0.00	76.10 4.87 0.01	70.93 4.45 0.01	85.43 4.62 0.01	80.63 3.90 0.01	79.61 3.43 0.01	80.61 3.04 0.01	61.08 2.69 0.00	53.05 2.36 0.00
BETHLEHEM___GRP 23843	50.49 -0.39 0.00	42.62 -0.18 0.00	39.26 -0.13 0.00	32.39 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.94 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.21 -0.26 0.00	48.79 -0.44 0.00	51.35 -0.86 0.00	57.14 -1.26 0.00	73.50 -1.75 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.74 -0.50 0.00	65.99 -0.49 0.00	79.91 -0.90 0.00	75.81 -0.93 0.00	75.16 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.80 -0.88 0.00
BETHLEHEM___GS1 323560	50.49 -0.39 0.00	42.63 -0.18 0.00	39.26 -0.13 0.00	32.40 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.95 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.22 -0.26 0.00	48.80 -0.44 0.00	51.35 -0.86 0.00	57.13 -1.26 0.00	73.48 -1.77 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.73 -0.51 0.00	65.99 -0.49 0.00	79.92 -0.90 0.00	75.80 -0.93 0.00	75.17 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.81 -0.88 0.00
BETHLEHEM___GS2 323561	50.49 -0.39 0.00	42.63 -0.18 0.00	39.26 -0.13 0.00	32.40 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.95 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.22 -0.26 0.00	48.80 -0.44 0.00	51.35 -0.86 0.00	57.13 -1.26 0.00	73.48 -1.77 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.73 -0.51 0.00	65.99 -0.49 0.00	79.92 -0.90 0.00	75.80 -0.93 0.00	75.17 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.81 -0.88 0.00
BETHLEHEM___GS3 323562	50.49 -0.39 0.00	42.63 -0.18 0.00	39.26 -0.13 0.00	32.40 0.11 0.00	40.54 0.10 0.00	42.19 -0.08 0.00	44.95 -0.20 0.00	48.65 -0.04 0.00	48.01 -0.06 0.00	50.22 -0.26 0.00	48.80 -0.44 0.00	51.35 -0.86 0.00	57.13 -1.26 0.00	73.48 -1.77 2.48	79.51 -1.74 0.69	70.45 -0.74 0.00	70.73 -0.51 0.00	65.99 -0.49 0.00	79.92 -0.90 0.00	75.80 -0.93 0.00	75.17 -1.02 0.00	76.50 -1.08 0.00	57.79 -0.60 0.00	49.81 -0.88 0.00
BETHLEHEM___STEEL 23779	50.88 0.00 0.00	42.38 -0.42 0.00	38.89 -0.50 0.00	31.67 -0.62 0.00	39.62 -0.82 0.00	41.79 -0.49 0.00	44.80 -0.35 0.00	47.85 -0.85 0.00	47.59 -0.47 0.00	51.17 0.70 0.00	51.01 1.78 0.00	55.15 2.94 0.00	62.34 3.95 0.00	83.68 5.94 0.00	87.98 6.04 0.00	76.55 5.35 0.00	77.59 6.36 0.00	72.72 6.23 0.00	87.23 6.42 0.00	83.03 6.29 0.00	81.23 5.05 0.00	82.14 4.56 0.00	63.06 4.67 0.00	54.53 3.85 0.00
BETHLHEM_115KV_TB1 79974	50.63 -0.25 0.00	42.75 -0.05 0.00	39.38 -0.02 0.00	32.47 0.18 0.00	40.65 0.20 0.00	42.31 0.04 0.00	45.08 -0.07 0.00	48.78 0.09 0.00	48.13 0.06 0.00	50.35 -0.12 0.00	48.94 -0.30 0.00	51.51 -0.70 0.00	57.35 -1.05 0.00	73.90 -1.49 2.34	79.85 -1.44 0.65	70.67 -0.52 0.00	70.96 -0.28 0.00	66.21 -0.27 0.00	80.16 -0.65 0.00	76.05 -0.69 0.00	75.41 -0.78 0.00	76.74 -0.85 0.00	57.97 -0.43 0.00	49.98 -0.71 0.00
BETHPAGE_CC_5 323564	52.59 1.94 0.23	44.80 2.00 0.00	41.38 1.98 0.00	33.93 1.64 0.00	42.47 2.03 0.00	43.97 1.69 0.00	46.78 1.64 0.00	20.81 1.54 29.42	19.98 1.36 29.44	20.66 1.29 31.10	44.89 1.39 5.74	45.79 1.03 7.45	47.56 1.10 11.94	53.24 1.87 26.37	55.07 2.03 28.90	57.05 2.57 16.72	53.95 3.30 20.58	50.82 2.94 18.60	53.89 2.79 29.72	51.01 2.21 27.93	31.01 1.76 46.93	37.48 1.41 41.51	31.60 1.24 28.03	25.29 1.02 26.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.95 0.07 0.00	42.44 -0.37 0.00	38.93 -0.46 0.00	31.70 -0.58 0.00	39.66 -0.78 0.00	41.83 -0.45 0.00	44.85 -0.29 0.00	47.94 -0.75 0.00	47.68 -0.38 0.00	51.28 0.81 0.00	51.12 1.89 0.00	55.27 3.07 0.00	62.50 4.10 0.00	83.91 6.18 0.00	88.30 6.36 0.00	76.83 5.64 0.00	77.85 6.61 0.00	72.94 6.46 0.00	87.52 6.70 0.00	83.27 6.53 0.00	81.46 5.28 0.00	82.35 4.77 0.00	63.18 4.79 0.00	54.63 3.94 0.00
BINGHAMTON___COGEN 23790	51.15 0.27 0.00	42.94 0.14 0.00	39.56 0.16 0.00	32.40 0.12 0.00	40.60 0.16 0.00	42.49 0.21 0.00	45.31 0.17 0.00	48.87 0.18 0.00	48.17 0.11 0.00	50.78 0.31 0.00	49.68 0.45 0.00	52.97 0.76 0.00	59.51 1.11 0.00	79.61 1.87 0.00	83.85 1.91 0.00	73.32 2.13 0.00	73.71 2.47 0.00	69.05 2.57 0.00	83.72 2.90 0.00	79.47 2.73 0.00	78.37 2.18 0.00	79.67 2.09 0.00	60.25 1.85 0.00	51.89 1.21 0.00

BIXINCNT_115KV_LOAD 355685	51.25 0.37 0.00	42.77 -0.03 0.00	39.16 -0.23 0.00	31.89 -0.39 0.00	39.84 -0.61 0.00	41.95 -0.33 0.00	45.08 -0.07 0.00	48.40 -0.29 0.00	48.10 0.03 0.00	51.63 1.15 0.00	51.25 2.02 0.00	55.32 3.11 0.00	62.49 4.09 0.00	83.96 6.22 0.00	88.39 6.45 0.00	77.01 5.82 0.00	77.67 6.43 0.00	72.76 6.28 0.00	87.44 6.62 0.00	83.22 6.48 0.00	81.45 5.27 0.00	82.43 4.85 0.00	63.13 4.74 0.00	54.58 3.90 0.00
BLACK RIVER___HYD 24047	54.14 3.26 0.00	45.31 2.50 0.00	41.62 2.23 0.00	33.96 1.68 0.00	42.58 2.14 0.00	44.82 2.46 -0.08	50.04 2.85 -2.04	53.04 2.77 -1.58	52.23 2.43 -1.74	54.92 2.35 -2.09	54.32 2.55 -2.53	57.74 2.64 -2.89	65.11 3.09 -3.62	87.46 3.90 -5.82	92.22 3.99 -6.29	79.27 2.99 -5.08	79.47 3.12 -5.12	74.19 3.12 -4.59	92.14 5.10 -6.22	87.78 5.29 -5.76	87.78 5.92 -5.67	90.22 6.82 -5.81	67.43 5.39 -3.65	57.17 4.13 -2.35
BLACKRVR_115KV_TB2 79977	54.14 3.26 0.00	45.31 2.50 0.00	41.63 2.23 0.00	33.97 1.68 0.00	42.58 2.14 0.00	44.82 2.46 -0.08	50.04 2.85 -2.04	53.04 2.77 -1.58	52.23 2.43 -1.74	54.92 2.35 -2.09	54.32 2.55 -2.53	57.74 2.64 -2.89	65.11 3.09 -3.62	87.46 3.90 -5.82	92.21 3.98 -6.29	79.26 2.98 -5.08	79.47 3.11 -5.12	74.19 3.12 -4.59	92.14 5.10 -6.22	87.78 5.29 -5.76	87.78 5.92 -5.67	90.22 6.82 -5.81	67.43 5.39 -3.65	57.17 4.13 -2.35
BLDWN_LI_69_KV_BK4 356085	55.21 2.39 -1.94	45.01 2.21 0.00	41.52 2.13 0.00	34.04 1.75 0.00	42.59 2.15 0.00	44.12 1.84 0.00	46.98 1.84 0.00	34.09 1.84 16.44	33.32 1.70 16.44	35.03 1.63 17.07	47.91 1.66 2.99	49.63 1.29 3.87	53.54 1.29 6.16	68.66 2.27 11.35	70.51 2.45 13.87	65.96 3.07 8.29	64.78 3.93 10.39	60.33 3.51 9.66	68.91 3.54 15.45	65.12 2.90 14.52	53.88 2.44 24.75	66.81 2.34 13.10	62.38 1.95 -2.05	38.46 1.50 13.72
BLISS_WT_PWR 323608	51.25 0.37 0.00	42.77 -0.03 0.00	39.14 -0.26 0.00	31.87 -0.42 0.00	39.78 -0.66 0.00	41.88 -0.39 0.00	45.02 -0.12 0.00	48.38 -0.31 0.00	48.11 0.05 0.00	51.64 1.17 0.00	51.26 2.02 0.00	55.35 3.14 0.00	62.51 4.11 0.00	84.07 6.34 0.00	88.51 6.57 0.00	77.08 5.88 0.00	77.69 6.45 0.00	72.74 6.26 0.00	87.43 6.61 0.00	83.23 6.49 0.00	81.47 5.28 0.00	82.42 4.84 0.00	63.12 4.73 0.00	54.57 3.88 0.00
BLUESTONE___WT_PWR 323821	53.61 2.73 0.00	44.95 2.15 0.00	41.38 1.98 0.00	33.86 1.58 0.00	42.46 2.02 0.00	44.49 2.22 0.00	47.53 2.38 0.00	51.29 2.60 0.00	50.54 2.48 0.00	53.15 2.67 0.00	52.02 2.78 0.00	55.42 3.20 0.00	62.28 3.89 0.00	83.36 5.62 0.00	88.05 6.11 0.00	76.92 5.73 0.00	76.66 5.43 0.00	72.35 5.87 0.00	88.30 7.49 0.00	84.16 7.42 0.00	82.96 6.78 0.00	84.14 6.56 0.00	63.39 4.99 0.00	54.39 3.70 0.00
BLUE_CIRC_CHEM_DRP 24182	50.44 -0.44 0.00	43.14 0.34 0.00	39.80 0.41 0.00	32.81 0.53 0.00	41.10 0.66 0.00	42.80 0.52 0.00	45.59 0.44 0.00	49.26 0.57 0.00	48.55 0.49 0.00	50.76 0.28 0.00	49.29 0.06 0.00	51.84 -0.38 0.00	57.15 -1.25 0.00	73.56 -2.55 1.63	78.89 -2.60 0.45	69.63 -1.57 0.00	69.94 -1.30 0.00	65.29 -1.19 0.00	79.17 -1.65 0.00	75.22 -1.51 0.00	74.67 -1.52 0.00	76.05 -1.53 0.00	57.46 -0.93 0.00	49.57 -1.11 0.00
BOC_GAS_DRP 24189	50.96 0.08 0.00	43.04 0.24 0.00	39.67 0.28 0.00	32.67 0.39 0.00	40.92 0.48 0.00	42.59 0.32 0.00	45.38 0.24 0.00	49.06 0.37 0.00	48.41 0.34 0.00	50.68 0.20 0.00	49.28 0.05 0.00	51.93 -0.28 0.00	57.84 -0.56 0.00	75.33 -0.85 1.56	80.71 -0.80 0.43	71.19 -0.01 0.00	71.46 0.22 0.00	66.67 0.19 0.00	80.71 -0.11 0.00	76.54 -0.20 0.00	75.88 -0.30 0.00	77.22 -0.37 0.00	58.36 -0.03 0.00	50.40 -0.28 0.00
BOONVILLE_115KV_TB1 79983	52.86 1.98 0.00	44.37 1.57 0.00	40.78 1.38 0.00	33.35 1.06 0.00	41.82 1.37 0.00	43.79 1.51 0.00	46.95 1.80 0.00	50.57 1.88 0.00	49.78 1.72 0.00	52.03 1.56 0.00	50.82 1.58 0.00	54.00 1.79 0.00	60.57 2.17 0.00	80.53 2.79 0.00	84.92 2.99 0.00	73.89 2.69 0.00	74.21 2.97 0.00	69.19 2.70 0.00	84.53 3.71 0.00	80.52 3.79 0.00	80.01 3.82 0.00	81.71 4.13 0.00	61.56 3.17 0.00	53.07 2.38 0.00
BORALEX_4TH_BRANCH 23824	52.46 1.58 0.00	44.12 1.32 0.00	40.43 1.03 0.00	33.40 1.12 0.00	41.86 1.42 0.00	43.55 1.27 0.00	46.35 1.20 0.00	50.27 1.58 0.00	49.59 1.52 0.00	51.73 1.26 0.00	50.12 0.88 0.00	52.66 0.45 0.00	58.33 -0.07 0.00	70.67 -0.33 6.74	79.84 -0.23 1.86	72.10 0.91 0.00	72.18 0.94 0.00	67.26 0.77 0.00	81.20 0.39 0.00	77.26 0.52 0.00	77.02 0.84 0.00	78.49 0.91 0.00	59.52 1.12 0.00	51.09 0.41 0.00
BOWLINE___1 23526	52.52 1.64 0.00	44.31 1.51 0.00	40.78 1.39 0.00	33.46 1.18 0.00	41.79 1.35 0.00	43.52 1.25 0.00	46.53 1.38 0.00	50.29 1.60 0.00	49.61 1.54 0.00	51.93 1.46 0.00	50.58 1.34 0.00	53.23 1.02 0.00	59.58 1.19 0.00	82.91 1.98 -3.20	85.03 2.20 -0.88	74.09 2.90 0.00	74.80 3.56 0.00	69.82 3.34 0.00	84.17 3.35 0.00	79.51 2.77 0.00	78.56 2.37 0.00	79.60 2.02 0.00	60.25 1.86 0.00	52.06 1.37 0.00
BOWLINE___2 23595	52.47 1.58 0.00	44.29 1.49 0.00	40.78 1.39 0.00	33.46 1.18 0.00	41.79 1.35 0.00	43.52 1.25 0.00	46.53 1.38 0.00	50.29 1.60 0.00	49.61 1.54 0.00	51.93 1.46 0.00	50.58 1.34 0.00	53.23 1.02 0.00	59.58 1.19 0.00	82.91 1.98 -3.20	85.03 2.20 -0.88	74.09 2.89 0.00	74.80 3.56 0.00	69.82 3.34 0.00	84.17 3.35 0.00	79.51 2.77 0.00	78.56 2.37 0.00	79.60 2.02 0.00	60.25 1.86 0.00	52.06 1.37 0.00
BRADY___115KV_TB2 356060	52.48 1.60 0.00	44.04 1.24 0.00	40.48 1.09 0.00	32.98 0.70 0.00	41.36 0.92 0.00	43.46 1.19 0.00	46.67 1.52 0.00	50.00 1.31 0.00	49.12 1.06 0.00	51.35 0.87 0.00	50.02 0.79 0.00	53.19 0.98 0.00	59.42 1.02 0.00	79.06 1.32 0.00	82.85 0.91 0.00	70.81 -0.39 0.00	70.19 -1.05 0.00	65.29 -1.20 0.00	80.88 0.06 0.00	76.85 0.11 0.00	77.15 0.97 0.00	78.88 1.30 0.00	59.21 0.82 0.00	51.83 1.14 0.00
BRANSCOMB___SOLAR 323811	53.51 2.63 0.00	44.95 2.15 0.00	41.25 1.86 0.00	33.97 1.69 0.00	42.67 2.22 0.00	44.38 2.10 0.00	47.35 2.20 0.00	51.25 2.56 0.00	50.50 2.44 0.00	52.66 2.18 0.00	51.00 1.76 0.00	53.83 1.61 0.00	59.80 1.41 0.00	76.29 1.93 3.38	83.29 2.29 0.93	74.01 2.81 0.00	74.52 3.28 0.00	69.45 2.97 0.00	84.32 3.51 0.00	80.35 3.61 0.00	79.62 3.44 0.00	80.76 3.18 0.00	60.89 2.50 0.00	52.35 1.67 0.00
BRDGHMPT_69_KV_BK1 55812	53.46 3.56 0.98	46.01 3.20 0.00	42.50 3.11 0.00	34.62 2.34 0.00	43.59 3.14 0.00	44.93 2.65 0.00	46.97 1.83 0.00	13.56 1.62 36.76	13.39 2.08 36.76	14.04 2.52 38.96	44.78 2.80 7.26	45.25 2.46 9.42	46.25 2.96 15.11	47.80 4.42 34.36	50.64 5.62 36.91	55.85 5.83 21.18	51.73 6.46 25.97	48.77 5.81 23.52	49.32 6.08 37.58	46.94 5.52 35.32	21.78 4.79 59.19	26.36 4.09 55.32	20.48 3.10 41.00	19.72 2.42 33.39

BRENTWOD_69_KV_W. BRTWOOD 56703	52.11 2.14 0.90	44.91 2.10 0.00	41.54 2.15 0.00	34.09 1.80 0.00	42.72 2.27 0.00	44.14 1.87 0.00	46.90 1.75 0.00	14.34 1.68 36.03	13.69 1.66 36.03	13.89 1.59 38.18	43.90 1.77 7.11	44.40 1.42 9.22	45.28 1.67 14.79	46.73 2.54 33.55	49.01 3.17 36.10	54.25 3.37 20.32	54.52 4.13 20.84	47.14 3.69 23.03	47.64 3.62 36.79	45.11 2.96 34.58	20.73 2.52 57.97	25.69 2.05 53.95	20.29 1.60 39.71	19.21 1.22 32.70
BRISTLHL_115KV_TB1 79998	49.94 -0.94 0.00	41.98 -0.82 0.00	38.66 -0.74 0.00	31.71 -0.57 0.00	39.71 -0.73 0.00	41.76 -0.73 -0.21	49.45 -0.76 -5.06	51.73 -0.88 -3.92	51.47 -0.90 -4.30	54.88 -0.78 -5.19	54.92 -0.58 -6.27	58.96 -0.41 -7.16	67.10 -0.28 -8.98	91.98 -0.19 -14.43	97.28 -0.26 -15.60	83.85 0.05 -12.60	84.23 0.30 -12.70	78.38 0.51 -11.38	96.81 0.56 -15.44	91.60 0.58 -14.29	90.55 0.29 -14.07	92.15 0.15 -14.42	67.68 0.24 -9.05	56.49 -0.04 -5.84
BROOKHAVEN___DRP 24191	51.70 1.80 0.98	44.62 1.82 0.00	41.24 1.85 0.00	33.78 1.49 0.00	42.36 1.91 0.00	43.75 1.48 0.00	46.34 1.19 0.00	13.01 1.09 36.77	12.49 1.19 36.78	12.70 1.21 38.98	43.27 1.29 7.26	43.69 0.90 9.42	44.37 1.08 15.11	44.94 1.58 34.38	47.24 2.23 36.93	52.81 2.81 21.19	48.81 3.57 25.99	46.09 3.14 23.53	46.18 2.96 37.59	43.83 2.43 35.33	18.96 1.99 59.22	23.61 1.38 55.35	18.45 1.09 41.04	18.06 0.78 33.41
BROOKLYN_NAVY_YARD 23515	53.05 2.17 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.53 0.00	42.21 1.77 0.00	43.97 1.70 0.00	47.04 1.89 0.00	50.81 2.12 0.00	50.17 2.11 0.00	52.44 1.97 0.00	51.05 1.82 0.00	53.63 1.42 0.00	60.09 1.62 -0.07	84.57 2.46 -4.37	86.69 2.87 -1.88	75.35 3.51 -0.64	76.12 4.22 -0.66	70.30 3.82 0.00	84.60 3.79 0.00	79.83 3.09 0.00	78.78 2.60 0.00	79.77 2.19 0.00	60.47 2.08 0.00	52.36 1.67 0.00
BROOKLYN___ARMY_DRP 323595	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
BROOME_2_LFGE 323671	51.15 0.27 0.00	42.95 0.14 0.00	39.56 0.16 0.00	32.40 0.12 0.00	40.60 0.15 0.00	42.49 0.21 0.00	45.32 0.17 0.00	48.87 0.18 0.00	48.18 0.11 0.00	50.78 0.31 0.00	49.68 0.44 0.00	52.97 0.77 0.00	59.50 1.10 0.00	79.61 1.87 0.00	83.86 1.92 0.00	73.31 2.12 0.00	73.72 2.48 0.00	69.05 2.57 0.00	83.71 2.90 0.00	79.46 2.73 0.00	78.37 2.18 0.00	79.67 2.09 0.00	60.24 1.84 0.00	51.88 1.20 0.00
BROOME___LFGE 323600	51.15 0.27 0.00	42.95 0.14 0.00	39.56 0.16 0.00	32.40 0.12 0.00	40.60 0.15 0.00	42.49 0.21 0.00	45.32 0.17 0.00	48.87 0.18 0.00	48.18 0.11 0.00	50.78 0.31 0.00	49.68 0.44 0.00	52.97 0.77 0.00	59.50 1.10 0.00	79.61 1.87 0.00	83.86 1.92 0.00	73.31 2.12 0.00	73.72 2.48 0.00	69.05 2.57 0.00	83.71 2.90 0.00	79.46 2.73 0.00	78.37 2.18 0.00	79.67 2.09 0.00	60.24 1.84 0.00	51.88 1.20 0.00
BROWNFLS_115KV_TB_3_5 80003	52.74 1.86 0.00	44.19 1.39 0.00	40.61 1.21 0.00	33.12 0.84 0.00	41.53 1.09 0.00	43.65 1.34 -0.03	47.61 1.69 -0.77	50.84 1.55 -0.60	50.08 1.36 -0.65	52.37 1.11 -0.79	51.32 1.13 -0.95	54.57 1.28 -1.09	61.24 1.48 -1.36	81.74 1.81 -2.19	85.79 1.49 -2.37	73.52 0.41 -1.91	73.23 0.07 -1.92	68.16 -0.05 -1.73	84.15 1.00 -2.34	80.15 1.25 -2.16	80.10 1.79 -2.13	82.19 2.43 -2.19	61.84 2.07 -1.37	53.42 1.85 -0.88
BROWNSV1_27_KV_LOAD 356125	53.83 2.95 0.00	45.46 2.66 0.00	41.81 2.42 0.00	34.25 1.97 0.00	42.76 2.32 0.00	44.55 2.27 0.00	47.67 2.52 0.00	51.53 2.84 0.00	50.88 2.81 0.00	53.20 2.72 0.00	51.84 2.60 0.00	54.46 2.25 0.00	60.94 2.54 0.00	84.98 3.85 -3.40	87.11 4.23 -0.94	75.88 4.69 0.00	76.67 5.44 0.00	71.40 4.91 0.00	85.93 5.12 0.00	81.10 4.36 0.00	80.07 3.88 0.00	81.04 3.46 0.00	61.39 3.00 0.00	53.17 2.48 0.00
BURROWS___LYONSDAL 23803	53.01 2.13 0.00	44.45 1.65 0.00	40.86 1.47 0.00	33.40 1.12 0.00	41.87 1.43 0.00	43.90 1.60 -0.02	47.60 1.92 -0.54	51.06 1.95 -0.42	50.29 1.77 -0.46	52.59 1.57 -0.55	51.49 1.58 -0.67	54.76 1.78 -0.76	61.55 2.19 -0.96	82.06 2.79 -1.54	86.57 2.97 -1.67	75.09 2.56 -1.34	75.35 2.77 -1.35	70.16 2.47 -1.21	86.03 3.58 -1.63	81.94 3.69 -1.51	81.48 3.81 -1.49	83.37 4.26 -1.53	62.67 3.32 -0.96	53.83 2.53 -0.62
CAITHNESS_CC_1 323624	51.59 1.70 0.98	44.54 1.74 0.00	41.19 1.80 0.00	33.74 1.46 0.00	42.31 1.87 0.00	43.70 1.43 0.00	46.33 1.18 0.00	12.94 1.04 36.79	12.39 1.12 36.79	12.60 1.12 38.99	43.21 1.24 7.27	43.62 0.84 9.42	44.27 0.99 15.12	44.73 1.39 34.40	47.02 2.03 36.95	52.60 2.61 21.20	48.56 3.34 26.02	45.93 2.99 23.54	45.98 2.78 37.61	43.62 2.24 35.35	18.73 1.79 59.25	23.42 1.22 55.38	18.32 0.99 41.06	17.97 0.70 33.43
CALPINE BETH_PAGE_GT4 24209	52.97 1.99 -0.10	44.89 2.08 0.00	41.44 2.05 0.00	33.97 1.69 0.00	42.54 2.09 0.00	44.04 1.76 0.00	46.86 1.71 0.00	24.11 1.58 26.16	23.17 1.29 26.19	24.05 1.19 27.61	45.45 1.28 5.07	46.55 0.91 6.57	48.85 0.98 10.53	56.78 1.83 22.78	58.67 2.04 25.31	59.03 2.55 14.71	56.37 3.29 18.16	52.98 2.92 16.41	57.34 2.75 26.22	54.27 2.18 24.65	36.45 1.75 41.48	43.59 1.40 35.39	37.30 1.21 22.30	28.46 1.08 23.31
CALPINE_BETH_PAGE_GT_4 323586	52.97 1.99 -0.10	44.89 2.08 0.00	41.44 2.05 0.00	33.97 1.69 0.00	42.54 2.09 0.00	44.04 1.76 0.00	46.86 1.71 0.00	24.09 1.56 26.16	23.14 1.26 26.19	24.04 1.18 27.61	45.45 1.28 5.07	46.55 0.91 6.57	48.83 0.96 10.53	56.65 1.69 22.78	58.57 1.94 25.31	59.01 2.53 14.71	56.33 3.25 18.16	52.98 2.92 16.41	57.34 2.75 26.22	54.27 2.18 24.65	36.45 1.74 41.48	43.59 1.40 35.39	37.32 1.23 22.30	28.46 1.07 23.31
CALPINE_BP_GT1 23823	52.97 1.99 -0.10	44.89 2.08 0.00	41.44 2.05 0.00	33.97 1.69 0.00	42.54 2.09 0.00	44.04 1.76 0.00	46.86 1.71 0.00	24.09 1.56 26.16	23.14 1.26 26.19	24.04 1.18 27.61	45.45 1.28 5.07	46.55 0.91 6.57	48.83 0.96 10.53	56.65 1.69 22.78	58.57 1.94 25.31	59.01 2.53 14.71	56.33 3.25 18.16	52.98 2.92 16.41	57.34 2.75 26.22	54.27 2.18 24.65	36.45 1.74 41.48	43.59 1.40 35.39	37.32 1.23 22.30	28.46 1.07 23.31
CALSPAN___DRP 24200	50.88 0.00 0.00	42.38 -0.42 0.00	38.89 -0.50 0.00	31.67 -0.62 0.00	39.62 -0.82 0.00	41.79 -0.49 0.00	44.80 -0.35 0.00	47.85 -0.85 0.00	47.59 -0.47 0.00	51.17 0.70 0.00	51.01 1.78 0.00	55.15 2.94 0.00	62.34 3.95 0.00	83.68 5.94 0.00	87.98 6.04 0.00	76.55 5.35 0.00	77.59 6.36 0.00	72.72 6.23 0.00	87.23 6.42 0.00	83.03 6.29 0.00	81.23 5.05 0.00	82.14 4.56 0.00	63.06 4.67 0.00	54.53 3.85 0.00

CALVERTON___SOLAR 323806	51.89 1.99 0.98	44.75 1.95 0.00	41.37 1.98 0.00	33.85 1.57 0.00	42.47 2.02 0.00	43.86 1.58 0.00	46.41 1.27 0.00	13.04 1.12 36.77	12.56 1.27 36.77	12.83 1.33 38.97	43.44 1.47 7.26	43.87 1.07 9.42	44.56 1.27 15.11	45.09 1.72 34.37	47.47 2.45 36.92	53.12 3.11 21.19	49.10 3.85 25.98	46.42 3.46 23.52	46.55 3.32 37.59	44.20 2.80 35.33	19.29 2.31 59.21	23.94 1.70 55.34	18.69 1.33 41.03	18.23 0.95 33.40
CANDIGU_WT_PWR 323617	51.11 0.23 0.00	42.78 -0.02 0.00	39.33 -0.07 0.00	32.09 -0.19 0.00	40.20 -0.24 0.00	42.26 -0.02 0.00	45.11 -0.04 0.00	48.30 -0.39 0.00	47.52 -0.54 0.00	50.65 0.18 0.00	49.71 0.47 0.00	53.34 1.13 0.00	60.32 1.93 0.00	80.83 3.09 0.00	84.77 2.83 0.00	74.25 3.05 0.00	75.34 4.10 0.00	70.29 3.80 0.00	84.83 4.02 0.00	81.25 4.51 0.00	79.89 3.70 0.00	81.17 3.59 0.00	61.74 3.35 0.00	53.16 2.47 0.00
CARR STREET_E_SYR 24060	50.13 -0.75 0.00	42.09 -0.71 0.00	38.74 -0.65 0.00	31.75 -0.53 0.00	39.78 -0.66 0.00	41.61 -0.66 0.00	44.46 -0.69 0.00	47.95 -0.74 0.00	47.34 -0.73 0.00	49.89 -0.58 0.00	48.92 -0.32 0.00	52.08 -0.12 0.00	58.49 0.09 0.00	78.07 0.33 0.00	82.29 0.36 0.00	71.74 0.55 0.00	72.20 0.97 0.00	67.52 1.03 0.00	81.93 1.12 0.00	77.81 1.07 0.00	76.88 0.70 0.00	78.12 0.54 0.00	58.93 0.54 0.00	50.84 0.16 0.00
CARTHAGE___PAPER 23857	54.25 3.37 0.00	45.32 2.52 0.00	41.62 2.23 0.00	33.95 1.67 0.00	42.58 2.14 0.00	44.80 2.45 -0.07	49.70 2.86 -1.69	52.82 2.82 -1.31	52.01 2.50 -1.44	54.54 2.33 -1.73	53.79 2.46 -2.10	57.23 2.63 -2.39	64.41 3.01 -3.00	86.45 3.89 -4.82	91.04 3.88 -5.21	78.25 2.84 -4.21	78.34 2.87 -4.24	73.02 2.74 -3.80	90.53 4.57 -5.15	86.28 4.78 -4.77	86.25 5.36 -4.70	88.63 6.23 -4.81	66.30 4.88 -3.02	56.45 3.82 -1.95
CASSADAGA_WT_PWR 323784	51.98 1.10 0.00	43.29 0.49 0.00	39.72 0.32 0.00	32.03 -0.25 0.00	40.03 -0.41 0.00	42.40 0.13 0.00	45.54 0.40 0.00	49.23 0.54 0.00	48.97 0.91 0.00	52.42 1.95 0.00	52.05 2.81 0.00	56.30 4.09 0.00	63.63 5.23 0.00	85.51 7.78 0.00	89.96 8.02 0.00	78.01 6.82 0.00	79.02 7.78 0.00	74.09 7.61 0.00	88.89 8.08 0.00	84.74 8.00 0.00	83.02 6.83 0.00	84.05 6.46 0.00	64.36 5.96 0.00	55.21 4.52 0.00
CE_DUNWOOD___DRP 24194	52.87 1.98 0.00	44.62 1.81 0.00	41.04 1.65 0.00	33.68 1.39 0.00	42.06 1.62 0.00	43.79 1.51 0.00	46.80 1.66 0.00	50.59 1.90 0.00	49.93 1.86 0.00	52.23 1.75 0.00	50.87 1.64 0.00	53.52 1.31 0.00	59.87 1.47 0.00	83.47 2.34 -3.39	85.49 2.61 -0.94	74.44 3.24 0.00	75.16 3.92 0.00	70.09 3.61 0.00	84.46 3.65 0.00	79.78 3.04 0.00	78.81 2.63 0.00	79.86 2.27 0.00	60.44 2.05 0.00	52.24 1.56 0.00
CE_MILLWOOD___DRP 24193	52.73 1.85 0.00	44.51 1.71 0.00	40.95 1.56 0.00	33.60 1.31 0.00	41.97 1.53 0.00	43.69 1.42 0.00	46.71 1.56 0.00	50.48 1.80 0.00	49.81 1.75 0.00	52.12 1.64 0.00	50.76 1.53 0.00	53.39 1.18 0.00	59.74 1.34 0.00	83.29 2.18 -3.37	85.29 2.43 -0.93	74.28 3.09 0.00	74.97 3.73 0.00	69.94 3.45 0.00	84.29 3.47 0.00	79.63 2.89 0.00	78.68 2.50 0.00	79.74 2.16 0.00	60.34 1.95 0.00	52.16 1.47 0.00
CE_NYC2_DRP 24202	52.18 2.08 0.78	44.88 2.08 0.00	41.31 1.92 0.00	33.88 1.60 0.00	42.27 1.82 0.00	44.03 1.75 0.00	47.05 1.90 0.00	50.76 2.07 0.00	50.14 2.07 0.00	52.34 1.86 0.00	51.01 1.77 0.00	53.49 1.28 0.00	59.83 1.43 0.00	83.40 2.26 -3.40	85.41 2.54 -0.93	74.39 3.20 0.00	75.15 3.92 0.01	70.00 3.52 0.01	70.20 3.46 14.08	61.27 2.81 18.28	58.45 2.36 20.10	58.25 1.94 21.27	51.39 1.86 8.87	52.36 1.68 0.00
CE_NYC_DRP 24195	53.18 2.30 0.00	44.95 2.15 0.00	41.35 1.95 0.00	33.88 1.60 0.00	42.31 1.86 0.00	44.07 1.79 0.00	47.14 1.99 0.00	50.95 2.26 0.00	50.29 2.23 0.00	52.58 2.11 0.00	51.22 1.98 0.00	53.79 1.58 0.00	60.20 1.80 0.00	83.95 2.81 -3.40	85.99 3.12 -0.94	74.92 3.73 0.00	75.68 4.44 0.00	70.49 4.01 0.00	84.85 4.04 0.00	80.08 3.34 0.00	79.03 2.85 0.00	80.01 2.42 0.00	60.61 2.22 0.00	52.51 1.82 0.00
CHAFFEE___LFGE 323603	51.06 0.18 0.00	42.52 -0.28 0.00	39.02 -0.38 0.00	31.76 -0.52 0.00	39.76 -0.68 0.00	41.93 -0.34 0.00	44.97 -0.17 0.00	48.09 -0.60 0.00	48.00 -0.06 0.00	51.62 1.15 0.00	51.42 2.19 0.00	55.56 3.35 0.00	62.84 4.44 0.00	84.47 6.73 0.00	88.54 6.60 0.00	77.04 5.84 0.00	78.10 6.86 0.00	73.12 6.64 0.00	87.70 6.89 0.00	83.50 6.76 0.00	81.69 5.51 0.00	82.58 5.00 0.00	63.36 4.97 0.00	54.75 4.07 0.00
CHATEAUG_35_KV_LOAD 355732	51.28 0.40 0.00	43.06 0.26 0.00	39.62 0.23 0.00	32.33 0.04 0.00	40.52 0.07 0.00	42.52 0.25 0.00	45.56 0.41 0.00	48.88 0.19 0.00	48.21 0.14 0.00	50.46 -0.01 0.00	49.16 -0.07 0.00	52.35 0.14 0.00	58.53 0.13 0.00	77.81 0.07 0.00	81.83 -0.10 0.00	70.13 -1.07 0.00	69.53 -1.71 0.00	64.78 -1.71 0.00	79.29 -1.52 0.00	75.51 -1.23 0.00	75.35 -0.84 0.00	76.76 -0.82 0.00	57.57 -0.82 0.00	50.53 -0.16 0.00
CHATEAUG_WT_PWR 323614	51.15 0.26 0.00	42.96 0.16 0.00	39.52 0.12 0.00	32.25 -0.03 0.00	40.42 -0.02 0.00	42.43 0.16 0.00	45.43 0.28 0.00	48.79 0.10 0.00	48.14 0.08 0.00	50.37 -0.11 0.00	49.09 -0.14 0.00	52.30 0.09 0.00	58.47 0.08 0.00	77.75 0.01 0.00	81.79 -0.15 0.00	70.14 -1.06 0.00	69.58 -1.66 0.00	64.84 -1.64 0.00	79.33 -1.48 0.00	75.39 -1.35 0.00	75.15 -1.04 0.00	76.52 -1.06 0.00	57.41 -0.98 0.00	50.41 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	51.28 0.40 0.00	43.06 0.26 0.00	39.62 0.23 0.00	32.33 0.04 0.00	40.52 0.07 0.00	42.52 0.25 0.00	45.56 0.41 0.00	48.88 0.19 0.00	48.21 0.14 0.00	50.46 -0.01 0.00	49.16 -0.07 0.00	52.35 0.14 0.00	58.53 0.13 0.00	77.81 0.07 0.00	81.83 -0.10 0.00	70.13 -1.07 0.00	69.53 -1.71 0.00	64.78 -1.71 0.00	79.29 -1.52 0.00	75.51 -1.23 0.00	75.35 -0.84 0.00	76.76 -0.82 0.00	57.57 -0.82 0.00	50.53 -0.16 0.00
CHAUTAUQUA___LFGE 323629	51.44 0.56 0.00	42.83 0.03 0.00	39.36 -0.04 0.00	31.89 -0.39 0.00	39.87 -0.57 0.00	42.14 -0.14 0.00	45.22 0.07 0.00	48.62 -0.07 0.00	48.26 0.19 0.00	51.60 1.12 0.00	51.24 2.00 0.00	55.45 3.24 0.00	62.64 4.24 0.00	84.25 6.51 0.00	88.50 6.56 0.00	76.96 5.76 0.00	77.94 6.70 0.00	73.17 6.69 0.00	87.77 6.95 0.00	83.60 6.87 0.00	81.92 5.73 0.00	82.97 5.38 0.00	63.55 5.16 0.00	54.63 3.94 0.00
CHERRYST_13_KV_LD 356241	53.35 2.47 0.00	45.09 2.29 0.00	41.48 2.09 0.00	34.00 1.71 0.00	42.45 2.01 0.00	44.22 1.94 0.00	47.32 2.17 0.00	51.18 2.49 0.00	50.53 2.46 0.00	52.83 2.36 0.00	51.48 2.24 0.00	54.07 1.86 0.00	60.53 2.14 0.00	84.37 3.23 -3.40	86.47 3.59 -0.94	75.32 4.12 0.00	76.10 4.87 0.00	70.87 4.39 0.00	85.26 4.45 0.00	80.42 3.69 0.00	79.36 3.18 0.00	80.32 2.73 0.00	60.83 2.44 0.00	52.70 2.01 0.00

CHESTROR_138KV_BK263 355645	52.40 1.52 0.00	44.16 1.36 0.00	40.63 1.23 0.00	33.35 1.06 0.00	41.67 1.22 0.00	43.39 1.12 0.00	46.35 1.20 0.00	50.11 1.42 0.00	49.42 1.36 0.00	51.74 1.27 0.00	50.40 1.17 0.00	53.08 0.87 0.00	59.45 1.05 0.00	82.37 1.73 -2.90	84.73 1.99 -0.80	73.80 2.60 0.00	74.41 3.17 0.00	69.49 3.00 0.00	83.89 3.08 0.00	79.36 2.63 0.00	78.45 2.27 0.00	79.56 1.98 0.00	60.14 1.76 0.00	51.94 1.25 0.00
CH_MIDHUDSON___DRP 24192	52.83 1.95 0.00	44.53 1.73 0.00	40.94 1.55 0.00	33.62 1.33 0.00	42.02 1.58 0.00	43.75 1.47 0.00	46.73 1.59 0.00	50.56 1.87 0.00	49.90 1.83 0.00	52.22 1.75 0.00	50.87 1.63 0.00	53.53 1.33 0.00	59.90 1.50 0.00	82.46 2.28 -2.44	85.24 2.63 -0.67	74.44 3.24 0.00	75.07 3.84 0.00	70.07 3.59 0.00	84.54 3.72 0.00	79.94 3.20 0.00	78.91 2.72 0.00	80.02 2.44 0.00	60.50 2.11 0.00	52.19 1.50 0.00
CH_MISC_IPPS 23765	53.29 2.41 0.00	44.89 2.09 0.00	41.26 1.87 0.00	33.86 1.58 0.00	42.31 1.87 0.00	44.06 1.78 0.00	47.07 1.93 0.00	50.95 2.26 0.00	50.28 2.21 0.00	52.65 2.17 0.00	51.30 2.06 0.00	54.02 1.81 0.00	60.50 2.11 0.00	83.56 3.16 -2.66	86.27 3.60 -0.74	75.31 4.12 0.00	75.96 4.72 0.00	70.95 4.47 0.00	85.62 4.81 0.00	80.94 4.20 0.00	79.81 3.62 0.00	80.86 3.28 0.00	61.10 2.71 0.00	52.69 2.00 0.00
CH_RES_BVR_FALLS 23983	50.95 0.07 0.00	42.84 0.04 0.00	39.43 0.04 0.00	32.25 -0.03 0.00	40.43 -0.01 0.00	42.31 0.03 0.00	45.22 0.07 0.00	48.73 0.04 0.00	48.12 0.06 0.00	50.50 0.03 0.00	49.22 -0.01 0.00	52.22 0.01 0.00	58.39 0.00 0.00	77.71 -0.03 0.00	81.83 -0.11 0.00	70.82 -0.38 0.00	70.63 -0.61 0.00	65.85 -0.63 0.00	80.24 -0.57 0.00	76.19 -0.55 0.00	75.60 -0.58 0.00	77.00 -0.58 0.00	58.00 -0.39 0.00	50.52 -0.16 0.00
CH_RES_NIAGARA 23895	49.29 -1.60 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.73 0.00	43.48 -1.67 0.00	46.16 -2.53 0.00	46.06 -2.01 0.00	49.59 -0.89 0.00	49.59 0.35 0.00	53.60 1.39 0.00	60.47 2.07 0.00	81.00 3.26 0.00	85.11 3.16 0.00	73.83 2.63 0.00	74.94 3.70 0.00	70.18 3.70 0.00	84.14 3.33 0.00	79.91 3.17 0.00	78.27 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
CH_RES_SYRACUSE 23985	50.66 -0.22 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.15 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.11 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.02 -5.96	89.48 1.10 -6.44	77.59 1.19 -5.20	78.12 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.50 1.49 -5.81	84.92 1.38 -5.96	63.29 1.16 -3.74	53.78 0.68 -2.41
CLINTON_WT_PWR 323605	51.15 0.26 0.00	42.96 0.16 0.00	39.52 0.12 0.00	32.25 -0.03 0.00	40.42 -0.02 0.00	42.43 0.16 0.00	45.43 0.28 0.00	48.79 0.10 0.00	48.14 0.08 0.00	50.37 -0.11 0.00	49.09 -0.14 0.00	52.30 0.09 0.00	58.47 0.08 0.00	77.75 0.01 0.00	81.79 -0.15 0.00	70.14 -1.06 0.00	69.58 -1.66 0.00	64.84 -1.64 0.00	79.33 -1.48 0.00	75.39 -1.35 0.00	75.15 -1.04 0.00	76.52 -1.06 0.00	57.41 -0.98 0.00	50.41 -0.28 0.00
CLINTON___LFGE 323618	51.52 0.64 0.00	43.23 0.43 0.00	39.76 0.36 0.00	32.43 0.14 0.00	40.65 0.21 0.00	42.69 0.41 0.00	45.72 0.57 0.00	49.03 0.34 0.00	48.25 0.19 0.00	50.34 -0.13 0.00	49.12 -0.12 0.00	52.46 0.25 0.00	58.71 0.32 0.00	78.06 0.33 0.00	82.13 0.20 0.00	70.38 -0.81 0.00	69.85 -1.39 0.00	65.16 -1.32 0.00	79.83 -0.98 0.00	76.00 -0.74 0.00	75.72 -0.46 0.00	77.08 -0.51 0.00	57.81 -0.57 0.00	50.81 0.13 0.00
COBBLENY_34_KV_TB1 80064	51.05 0.17 0.00	42.52 -0.28 0.00	39.02 -0.38 0.00	31.76 -0.52 0.00	39.76 -0.68 0.00	41.93 -0.35 0.00	44.97 -0.17 0.00	48.08 -0.61 0.00	48.00 -0.07 0.00	51.62 1.15 0.00	51.43 2.20 0.00	55.56 3.35 0.00	62.84 4.44 0.00	84.37 6.63 0.00	88.47 6.53 0.00	77.01 5.81 0.00	78.06 6.82 0.00	73.13 6.64 0.00	87.73 6.92 0.00	83.50 6.76 0.00	81.69 5.51 0.00	82.57 4.99 0.00	63.35 4.96 0.00	54.74 4.06 0.00
COFFEEN___115KV_TB3 355620	54.48 3.60 0.00	45.59 2.79 0.00	41.89 2.50 0.00	34.16 1.88 0.00	42.84 2.40 0.00	45.11 2.74 -0.09	50.39 3.14 -2.10	53.38 3.06 -1.63	52.56 2.70 -1.79	55.30 2.67 -2.16	54.73 2.89 -2.61	58.12 2.93 -2.98	65.52 3.38 -3.73	87.99 4.26 -6.00	92.75 4.33 -6.48	79.68 3.24 -5.24	79.98 3.47 -5.27	74.67 3.46 -4.73	92.88 5.65 -6.41	88.51 5.84 -5.93	88.72 6.69 -5.85	91.28 7.71 -5.99	68.14 5.99 -3.76	57.70 4.59 -2.43
COLDSPRG_115KV_BK1 355956	52.09 1.21 0.00	43.46 0.65 0.00	39.90 0.50 0.00	32.37 0.09 0.00	40.50 0.06 0.00	42.81 0.53 0.00	45.98 0.84 0.00	49.54 0.85 0.00	49.14 1.07 0.00	52.53 2.05 0.00	52.00 2.77 0.00	56.10 3.89 0.00	63.40 5.00 0.00	85.12 7.38 0.00	89.67 7.74 0.00	78.01 6.81 0.00	78.72 7.48 0.00	73.78 7.30 0.00	88.50 7.53 0.00	84.27 7.53 0.00	82.54 6.36 0.00	83.64 6.06 0.00	64.04 5.64 0.00	55.17 4.48 0.00
COLONIE_LFGE___ 323577	52.17 1.29 0.00	43.90 1.10 0.00	40.32 0.93 0.00	33.24 0.96 0.00	41.67 1.23 0.00	43.36 1.08 0.00	46.22 1.08 0.00	50.06 1.37 0.00	49.37 1.31 0.00	51.60 1.13 0.00	50.10 0.86 0.00	52.80 0.59 0.00	58.71 0.31 0.00	74.11 0.36 3.98	81.38 0.54 1.10	72.54 1.35 0.00	72.83 1.59 0.00	67.91 1.43 0.00	82.24 1.43 0.00	78.17 1.43 0.00	77.55 1.37 0.00	78.90 1.32 0.00	59.61 1.22 0.00	51.31 0.62 0.00
COOPERNY_115KV_TB1 80082	51.93 1.05 0.00	43.74 0.94 0.00	40.27 0.87 0.00	33.05 0.76 0.00	41.32 0.88 0.00	43.06 0.78 0.00	45.97 0.82 0.00	49.66 0.97 0.00	48.98 0.92 0.00	51.34 0.87 0.00	50.06 0.82 0.00	52.85 0.64 0.00	59.19 0.79 0.00	81.05 1.32 -2.00	84.00 1.51 -0.55	73.20 2.00 0.00	73.69 2.45 0.00	68.84 2.35 0.00	83.24 2.42 0.00	78.83 2.09 0.00	77.95 1.76 0.00	79.11 1.53 0.00	59.77 1.38 0.00	51.67 0.98 0.00
COPENHAGEN_WT_PWR 323753	53.74 2.86 0.00	44.99 2.19 0.00	41.34 1.95 0.00	33.74 1.46 0.00	42.31 1.86 0.00	44.53 2.16 -0.09	49.86 2.50 -2.21	52.82 2.42 -1.72	52.04 2.09 -1.88	54.78 2.04 -2.27	54.21 2.23 -2.74	57.68 2.34 -3.13	65.08 2.75 -3.93	87.49 3.44 -6.31	92.25 3.49 -6.82	79.30 2.59 -5.51	79.44 2.65 -5.55	74.16 2.70 -4.98	92.08 4.52 -6.75	87.62 4.63 -6.24	87.48 5.15 -6.15	89.85 5.97 -6.30	67.20 4.85 -3.96	56.94 3.70 -2.55
CORNELL_____ 23752	51.91 1.02 0.00	43.54 0.74 0.00	40.06 0.66 0.00	32.80 0.51 0.00	41.10 0.66 0.00	43.04 0.77 0.00	45.90 0.76 0.00	49.42 0.73 0.00	48.61 0.55 0.00	51.06 0.59 0.00	49.96 0.73 0.00	53.26 1.05 0.00	59.88 1.49 0.00	80.52 2.79 0.00	84.79 2.85 0.00	73.56 2.36 0.00	74.06 2.82 0.00	69.91 3.43 0.00	85.10 4.29 0.00	80.92 4.19 0.00	80.03 3.84 0.00	81.41 3.83 0.00	61.35 2.96 0.00	52.77 2.08 0.00

CORONA_69_KV_TB1 355595	57.87 2.36 -4.63	44.93 2.13 0.00	41.51 2.11 0.00	34.03 1.74 0.00	42.56 2.12 0.00	44.15 1.87 0.00	47.05 1.90 0.00	50.48 1.94 0.15	49.90 1.83 0.00	52.69 1.74 -0.48	51.35 1.77 -0.34	54.08 1.41 -0.46	60.89 1.62 -0.87	87.48 2.64 -7.10	89.54 3.02 -4.58	76.84 3.53 -2.11	78.07 4.27 -2.57	71.49 3.86 -1.15	86.58 3.93 -1.84	81.78 3.32 -1.73	81.10 2.85 -2.06	101.59 2.54 -21.46	99.29 2.09 -38.80	53.93 1.61 -1.63
CORTLAND_115KV_TB3 80093	51.44 0.56 0.00	43.18 0.38 0.00	39.74 0.35 0.00	32.56 0.28 0.00	40.80 0.36 0.00	42.68 0.41 0.00	45.35 0.20 0.00	48.90 0.21 0.00	48.17 0.11 0.00	50.68 0.21 0.00	49.59 0.36 0.00	52.87 0.67 0.00	59.35 0.95 0.00	79.45 1.71 0.00	83.76 1.82 0.00	73.03 1.84 0.00	73.66 2.42 0.00	69.07 2.59 0.00	84.02 3.21 0.00	79.86 3.12 0.00	78.91 2.72 0.00	80.24 2.66 0.00	60.51 2.12 0.00	52.11 1.43 0.00
COXSACKIE___GT 23611	52.70 1.81 0.00	44.50 1.70 0.00	41.01 1.61 0.00	33.83 1.54 0.00	42.40 1.95 0.00	44.17 1.90 0.00	47.15 2.00 0.00	51.08 2.39 0.00	50.22 2.16 0.00	52.10 1.63 0.00	50.55 1.32 0.00	53.51 1.30 0.00	59.48 1.08 0.00	78.04 1.42 1.12	83.13 1.50 0.31	72.85 1.65 0.00	73.64 2.40 0.00	69.01 2.52 0.00	84.79 3.98 0.00	80.36 3.62 0.00	79.87 3.69 0.00	81.26 3.68 0.00	61.08 2.69 0.00	52.40 1.71 0.00
CPV_VALLEY___CC1 323721	51.96 1.08 0.00	43.79 0.99 0.00	40.31 0.92 0.00	33.10 0.82 0.00	41.35 0.91 0.00	43.07 0.79 0.00	45.99 0.85 0.00	49.72 1.03 0.00	49.03 0.97 0.00	51.35 0.87 0.00	50.03 0.79 0.00	52.70 0.50 0.00	59.00 0.60 0.00	81.43 1.11 -2.59	83.94 1.29 -0.72	73.15 1.96 0.00	73.74 2.50 0.00	68.83 2.35 0.00	83.12 2.31 0.00	78.64 1.90 0.00	77.75 1.56 0.00	78.86 1.27 0.00	59.64 1.25 0.00	51.52 0.84 0.00
CPV_VALLEY___CC2 323722	51.96 1.08 0.00	43.79 0.99 0.00	40.31 0.92 0.00	33.10 0.82 0.00	41.35 0.91 0.00	43.07 0.79 0.00	45.99 0.85 0.00	49.72 1.03 0.00	49.03 0.97 0.00	51.35 0.87 0.00	50.03 0.79 0.00	52.70 0.50 0.00	59.00 0.60 0.00	81.43 1.11 -2.59	83.94 1.29 -0.72	73.15 1.96 0.00	73.74 2.50 0.00	68.83 2.35 0.00	83.12 2.31 0.00	78.64 1.90 0.00	77.75 1.56 0.00	78.86 1.27 0.00	59.64 1.25 0.00	51.52 0.84 0.00
CRESCENT___HYD 24018	52.17 1.29 0.00	43.90 1.10 0.00	40.32 0.93 0.00	33.24 0.96 0.00	41.67 1.23 0.00	43.36 1.08 0.00	46.22 1.37 0.00	50.06 1.37 0.00	49.37 1.31 0.00	51.60 1.13 0.00	50.10 0.86 0.00	52.80 0.59 0.00	58.71 0.31 0.00	74.11 0.36 3.98	81.38 0.54 1.10	72.54 1.35 0.00	72.83 1.59 0.00	67.91 1.43 0.00	82.24 1.43 0.00	78.17 1.43 0.00	77.55 1.37 0.00	78.90 1.32 0.00	59.61 1.22 0.00	51.31 0.62 0.00
CRICKET___VALLEY_CC1 323756	52.00 1.12 0.00	43.83 1.03 0.00	40.27 0.88 0.00	33.11 0.82 0.00	41.40 0.95 0.00	43.08 0.80 0.00	46.02 0.87 0.00	49.84 1.15 0.00	49.20 1.14 0.00	51.41 0.93 0.00	49.97 0.73 0.00	52.52 0.31 0.00	58.57 0.17 0.00	34.70 0.33 43.36	70.49 0.54 11.99	72.70 1.50 0.00	73.28 2.04 0.00	68.37 1.89 0.00	82.40 1.59 0.00	77.95 1.21 0.00	77.10 0.92 0.00	78.29 0.71 0.00	59.28 0.89 0.00	51.11 0.42 0.00
CRICKET___VALLEY_CC2 323757	52.00 1.12 0.00	43.83 1.03 0.00	40.27 0.88 0.00	33.11 0.82 0.00	41.40 0.95 0.00	43.08 0.80 0.00	46.02 0.87 0.00	49.84 1.15 0.00	49.20 1.14 0.00	51.41 0.93 0.00	49.97 0.73 0.00	52.52 0.31 0.00	58.57 0.17 0.00	34.70 0.33 43.36	70.49 0.54 11.99	72.70 1.50 0.00	73.28 2.04 0.00	68.37 1.89 0.00	82.40 1.59 0.00	77.95 1.21 0.00	77.10 0.92 0.00	78.29 0.71 0.00	59.28 0.89 0.00	51.11 0.42 0.00
CRICKET___VALLEY_CC3 323758	52.00 1.12 0.00	43.83 1.03 0.00	40.27 0.88 0.00	33.11 0.82 0.00	41.40 0.95 0.00	43.08 0.80 0.00	46.02 0.87 0.00	49.84 1.15 0.00	49.20 1.14 0.00	51.41 0.93 0.00	49.97 0.73 0.00	52.52 0.31 0.00	58.57 0.17 0.00	34.70 0.33 43.36	70.49 0.54 11.99	72.70 1.50 0.00	73.28 2.04 0.00	68.37 1.89 0.00	82.40 1.59 0.00	77.95 1.21 0.00	77.10 0.92 0.00	78.29 0.71 0.00	59.28 0.89 0.00	51.11 0.42 0.00
CRUCIBLE_METL_DRP 24180	50.65 -0.23 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.14 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.12 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.01 -5.96	89.47 1.09 -6.44	77.59 1.19 -5.20	78.11 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.49 1.49 -5.81	84.92 1.38 -5.96	63.29 1.15 -3.74	53.78 0.68 -2.41
DAHOWA___HYDRO 323763	53.93 3.06 0.00	45.30 2.49 0.00	41.55 2.16 0.00	34.21 1.93 0.00	43.02 2.58 0.00	44.72 2.44 0.00	47.73 2.58 0.00	51.69 3.00 0.00	50.95 2.89 0.00	53.12 2.64 0.00	51.41 2.18 0.00	54.25 2.04 0.00	60.26 1.86 0.00	77.01 2.52 3.24	84.06 3.02 0.90	74.64 3.44 0.00	75.17 3.94 0.00	70.03 3.55 0.00	85.03 4.22 0.00	81.00 4.26 0.00	80.28 4.09 0.00	81.36 3.78 0.00	61.28 2.89 0.00	52.63 1.95 0.00
DANC___LFGE 323619	52.33 1.45 0.00	43.87 1.07 0.00	40.34 0.95 0.00	32.97 0.69 0.00	41.34 0.89 0.00	43.47 1.08 -0.12	49.25 1.29 -2.82	52.03 1.15 -2.18	51.40 0.94 -2.40	54.29 0.93 -2.89	53.86 1.14 -3.49	57.43 1.24 -3.99	64.93 1.53 -5.00	87.78 2.00 -8.04	92.60 1.97 -8.69	79.71 1.50 -7.01	79.94 1.63 -7.07	74.52 1.70 -6.34	92.25 2.85 -8.59	87.66 2.97 -7.95	87.21 3.19 -7.83	89.30 3.69 -8.02	66.56 3.13 -5.04	56.25 2.31 -3.25
DANSKAMMER___1 23586	53.29 2.41 0.00	44.89 2.09 0.00	41.26 1.87 0.00	33.86 1.58 0.00	42.31 1.87 0.00	44.06 1.78 0.00	47.07 1.93 0.00	50.95 2.26 0.00	50.28 2.21 0.00	52.65 2.17 0.00	51.30 2.06 0.00	54.02 1.81 0.00	60.50 2.11 0.00	83.56 3.16 -2.66	86.27 3.60 -0.74	75.31 4.12 0.00	75.96 4.72 0.00	70.95 4.47 0.00	85.62 4.81 0.00	80.94 4.20 0.00	79.81 3.62 0.00	80.86 3.28 0.00	61.10 2.71 0.00	52.69 2.00 0.00
DANSKAMMER___2 23589	53.29 2.41 0.00	44.89 2.09 0.00	41.26 1.87 0.00	33.86 1.58 0.00	42.31 1.87 0.00	44.06 1.78 0.00	47.07 1.93 0.00	50.95 2.26 0.00	50.28 2.21 0.00	52.65 2.17 0.00	51.30 2.06 0.00	54.02 1.81 0.00	60.50 2.11 0.00	83.56 3.16 -2.66	86.27 3.60 -0.74	75.31 4.12 0.00	75.96 4.72 0.00	70.95 4.47 0.00	85.62 4.81 0.00	80.94 4.20 0.00	79.81 3.62 0.00	80.86 3.28 0.00	61.10 2.71 0.00	52.69 2.00 0.00
DANSKAMMER___3 23590	53.29 2.41 0.00	44.89 2.09 0.00	41.26 1.87 0.00	33.86 1.58 0.00	42.31 1.87 0.00	44.06 1.78 0.00	47.07 1.93 0.00	50.95 2.26 0.00	50.28 2.21 0.00	52.65 2.17 0.00	51.30 2.06 0.00	54.02 1.81 0.00	60.50 2.11 0.00	83.56 3.16 -2.66	86.27 3.60 -0.74	75.31 4.12 0.00	75.96 4.72 0.00	70.95 4.47 0.00	85.62 4.81 0.00	80.94 4.20 0.00	79.81 3.62 0.00	80.86 3.28 0.00	61.10 2.71 0.00	52.69 2.00 0.00

DANSKAMMER___4 23591	53.29 2.41 0.00	44.89 2.09 0.00	41.26 1.87 0.00	33.86 1.58 0.00	42.31 1.87 0.00	44.06 1.78 0.00	47.07 1.93 0.00	50.95 2.26 0.00	50.28 2.21 0.00	52.65 2.17 0.00	51.30 2.06 0.00	54.02 1.81 0.00	60.50 2.11 0.00	83.56 3.16 -2.66	86.27 3.60 -0.74	75.31 4.12 0.00	75.96 4.72 0.00	70.95 4.47 0.00	85.62 4.81 0.00	80.94 4.20 0.00	79.81 3.62 0.00	80.86 3.28 0.00	61.10 2.71 0.00	52.69 2.00 0.00
DANSKAMMER___DIESEL 23592	53.29 2.41 0.00	44.89 2.09 0.00	41.26 1.87 0.00	33.86 1.58 0.00	42.31 1.87 0.00	44.06 1.78 0.00	47.07 1.93 0.00	50.95 2.26 0.00	50.28 2.21 0.00	52.64 2.17 0.00	51.29 2.06 0.00	54.02 1.81 0.00	60.50 2.10 0.00	83.59 3.19 -2.66	86.28 3.60 -0.74	75.31 4.12 0.00	75.98 4.74 0.00	70.95 4.47 0.00	85.62 4.81 0.00	80.94 4.20 0.00	79.81 3.62 0.00	80.86 3.28 0.00	61.10 2.71 0.00	52.69 2.00 0.00
DARBY___SOLAR 323810	53.58 2.70 0.00	45.01 2.20 0.00	41.31 1.92 0.00	34.00 1.72 0.00	42.72 2.28 0.00	44.42 2.15 0.00	47.40 2.26 0.00	51.31 2.62 0.00	50.58 2.51 0.00	52.75 2.27 0.00	51.07 1.83 0.00	53.89 1.69 0.00	59.87 1.48 0.00	76.40 2.03 3.37	83.42 2.42 0.93	74.15 2.96 0.00	74.64 3.40 0.00	69.54 3.06 0.00	84.43 3.61 0.00	80.40 3.66 0.00	79.62 3.44 0.00	80.76 3.18 0.00	60.94 2.54 0.00	52.36 1.67 0.00
DASHVILLE___HYD 23610	52.67 1.79 0.00	44.34 1.54 0.00	40.79 1.40 0.00	33.50 1.22 0.00	41.88 1.44 0.00	43.60 1.32 0.00	46.55 1.40 0.00	50.37 1.68 0.00	49.68 1.62 0.00	51.99 1.51 0.00	50.68 1.45 0.00	53.38 1.16 0.00	59.72 1.32 0.00	81.59 2.24 -1.62	84.98 2.60 -0.45	74.29 3.10 0.00	74.84 3.60 0.00	69.92 3.44 0.00	84.46 3.64 0.00	79.82 3.09 0.00	78.84 2.66 0.00	79.94 2.36 0.00	60.42 2.03 0.00	52.13 1.45 0.00
DELAWARE___LFGE 323621	52.06 1.18 0.00	43.79 0.98 0.00	40.35 0.95 0.00	33.14 0.86 0.00	41.51 1.07 0.00	43.30 1.02 0.00	46.13 0.99 0.00	49.80 1.11 0.00	49.14 1.07 0.00	51.61 1.13 0.00	50.39 1.15 0.00	53.41 1.20 0.00	59.85 1.46 0.00	79.77 2.03 0.00	84.19 2.25 0.00	73.70 2.51 0.00	73.93 2.69 0.00	69.10 2.61 0.00	83.80 2.98 0.00	79.57 2.84 0.00	78.67 2.49 0.00	79.95 2.37 0.00	60.41 2.02 0.00	52.16 1.48 0.00
DERFIELD_115KV_TB7 355931	50.98 0.10 0.00	42.89 0.09 0.00	39.47 0.08 0.00	32.38 0.10 0.00	40.58 0.13 0.00	42.36 0.09 0.00	45.24 0.09 0.00	48.83 0.14 0.00	48.18 0.12 0.00	50.54 0.07 0.00	49.28 0.04 0.00	52.21 0.00 0.00	58.38 -0.01 0.00	77.69 -0.05 0.00	81.95 0.01 0.00	71.47 0.28 0.00	71.64 0.40 0.00	66.84 0.36 0.00	81.14 0.32 0.00	77.05 0.31 0.00	76.41 0.23 0.00	77.75 0.17 0.00	58.63 0.24 0.00	50.79 0.11 0.00
DOGLEVILLE___HYD 23807	51.69 0.81 0.00	43.46 0.66 0.00	39.96 0.57 0.00	32.95 0.67 0.00	41.33 0.88 0.00	43.01 0.73 0.00	45.69 0.54 0.00	49.31 0.62 0.00	48.30 0.23 0.00	49.99 -0.49 0.00	48.20 -1.04 0.00	50.81 -1.40 0.00	56.62 -1.77 0.00	75.28 -2.46 0.00	79.74 -2.20 0.00	70.63 -0.56 0.00	71.17 -0.07 0.00	66.78 0.30 0.00	82.24 1.42 0.00	78.61 1.87 0.00	77.84 1.65 0.00	78.97 1.39 0.00	59.52 1.13 0.00	50.95 0.27 0.00
DUNKIRK___115KV_TB_200 55889	51.34 0.46 0.00	42.75 -0.05 0.00	39.28 -0.11 0.00	31.86 -0.42 0.00	39.83 -0.61 0.00	42.09 -0.19 0.00	45.14 0.00 0.00	48.50 -0.18 0.00	48.14 0.07 0.00	51.48 1.00 0.00	51.15 1.91 0.00	55.32 3.11 0.00	62.51 4.11 0.00	84.00 6.26 0.00	88.25 6.31 0.00	76.77 5.58 0.00	77.74 6.50 0.00	73.02 6.54 0.00	87.61 6.80 0.00	83.41 6.67 0.00	81.70 5.52 0.00	82.77 5.19 0.00	63.42 5.03 0.00	54.51 3.83 0.00
DUNKIRK___1 23563	51.34 0.46 0.00	42.75 -0.05 0.00	39.28 -0.11 0.00	31.86 -0.42 0.00	39.83 -0.61 0.00	42.09 -0.19 0.00	45.14 0.00 0.00	48.50 -0.18 0.00	48.14 0.07 0.00	51.48 1.00 0.00	51.15 1.91 0.00	55.32 3.11 0.00	62.51 4.11 0.00	84.00 6.26 0.00	88.25 6.31 0.00	76.77 5.58 0.00	77.74 6.50 0.00	73.02 6.54 0.00	87.61 6.80 0.00	83.41 6.67 0.00	81.70 5.52 0.00	82.77 5.19 0.00	63.42 5.03 0.00	54.51 3.83 0.00
DUNKIRK___2 23564	51.34 0.46 0.00	42.75 -0.05 0.00	39.28 -0.11 0.00	31.86 -0.42 0.00	39.83 -0.61 0.00	42.09 -0.19 0.00	45.14 0.00 0.00	48.50 -0.18 0.00	48.14 0.07 0.00	51.48 1.00 0.00	51.15 1.91 0.00	55.32 3.11 0.00	62.51 4.11 0.00	84.00 6.26 0.00	88.25 6.31 0.00	76.77 5.58 0.00	77.74 6.50 0.00	73.02 6.54 0.00	87.61 6.80 0.00	83.41 6.67 0.00	81.70 5.52 0.00	82.77 5.19 0.00	63.42 5.03 0.00	54.51 3.83 0.00
DUNKIRK___3 23565	51.05 0.17 0.00	42.53 -0.27 0.00	39.08 -0.31 0.00	31.76 -0.52 0.00	39.72 -0.73 0.00	41.92 -0.35 0.00	44.95 -0.20 0.00	48.20 -0.49 0.00	47.83 -0.23 0.00	51.20 0.73 0.00	50.88 1.64 0.00	54.99 2.78 0.00	62.14 3.74 0.00	83.48 5.74 0.00	87.72 5.78 0.00	76.34 5.14 0.00	77.32 6.08 0.00	72.56 6.08 0.00	87.07 6.25 0.00	82.87 6.13 0.00	81.14 4.96 0.00	82.18 4.60 0.00	62.99 4.60 0.00	54.27 3.59 0.00
DUNKIRK___4 23566	51.05 0.17 0.00	42.53 -0.27 0.00	39.08 -0.31 0.00	31.76 -0.52 0.00	39.72 -0.73 0.00	41.92 -0.35 0.00	44.95 -0.20 0.00	48.20 -0.49 0.00	47.83 -0.23 0.00	51.20 0.73 0.00	50.88 1.64 0.00	54.99 2.78 0.00	62.14 3.74 0.00	83.48 5.74 0.00	87.72 5.78 0.00	76.34 5.14 0.00	77.32 6.08 0.00	72.56 6.08 0.00	87.07 6.25 0.00	82.87 6.13 0.00	81.14 4.96 0.00	82.18 4.60 0.00	62.99 4.60 0.00	54.27 3.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.00 2.11 0.00	44.74 1.94 0.00	41.16 1.76 0.00	33.75 1.47 0.00	42.17 1.72 0.00	43.90 1.63 0.00	46.92 1.77 0.00	50.71 2.02 0.00	50.04 1.97 0.00	52.34 1.86 0.00	50.99 1.76 0.00	53.61 1.40 0.00	59.97 1.57 0.00	83.64 2.49 -3.40	85.66 2.78 -0.94	74.60 3.40 0.00	75.33 4.09 0.00	70.23 3.74 0.00	84.64 3.82 0.00	79.93 3.19 0.00	78.97 2.78 0.00	79.98 2.40 0.00	60.52 2.13 0.00	52.37 1.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.92 2.03 0.00	44.57 1.77 0.00	40.99 1.60 0.00	33.64 1.35 0.00	42.03 1.59 0.00	43.77 1.49 0.00	46.76 1.62 0.00	50.59 1.90 0.00	49.91 1.84 0.00	52.26 1.78 0.00	50.91 1.67 0.00	53.61 1.40 0.00	60.05 1.65 0.00	82.96 2.58 -2.64	85.60 2.93 -0.73	74.69 3.49 0.00	75.34 4.10 0.00	70.37 3.88 0.00	84.93 4.11 0.00	80.31 3.57 0.00	79.11 2.93 0.00	80.19 2.61 0.00	60.60 2.20 0.00	52.31 1.62 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.10 2.22 0.00	44.98 2.18 0.00	41.41 2.01 0.00	33.97 1.68 0.00	42.35 1.91 0.00	44.13 1.85 0.00	47.16 2.02 0.00	50.89 2.20 0.00	50.29 2.22 0.00	52.52 2.05 0.00	51.18 1.94 0.00	53.67 1.46 0.00	60.02 1.61 0.00	83.63 2.49 -3.40	85.65 2.77 -0.95	74.58 3.38 0.00	75.33 4.08 -0.01	70.18 3.69 -0.01	84.49 3.67 -0.01	79.79 3.04 -0.01	78.78 2.58 -0.01	79.77 2.18 -0.01	60.47 2.07 -0.01	52.46 1.78 0.00

E179THST_13_KV_LOAD 356214	53.48 2.60 0.00	45.27 2.47 0.00	41.67 2.27 0.00	34.16 1.88 0.00	42.62 2.17 0.00	44.38 2.11 0.00	47.47 2.33 0.00	51.21 2.52 0.00	50.63 2.56 0.00	52.88 2.40 0.00	51.53 2.29 0.00	54.04 1.83 0.00	60.44 2.04 0.00	84.25 3.10 -3.40	86.30 3.42 -0.95	75.15 3.95 0.00	75.90 4.66 -0.01	70.72 4.23 -0.01	85.19 4.37 -0.01	80.41 3.66 -0.01	79.37 3.18 -0.01	80.37 2.78 -0.01	60.92 2.52 -0.01	52.83 2.15 0.00
EAST HAMPTON___GT 23717	54.42 4.52 0.98	46.78 3.98 0.00	43.25 3.85 0.00	35.05 2.77 0.00	44.34 3.90 0.00	45.61 3.33 0.00	47.00 1.86 0.00	13.31 1.38 36.76	13.46 2.15 36.76	14.42 2.90 38.96	45.35 3.37 7.26	45.74 2.95 9.41	46.84 3.55 15.10	48.88 5.50 34.36	52.29 7.26 36.91	57.31 7.29 21.18	52.98 7.71 25.96	50.05 7.08 23.52	50.80 7.56 37.57	48.45 7.02 35.32	23.05 6.05 59.19	27.66 5.40 55.32	21.53 4.14 41.00	20.61 3.31 33.39
EAST RIVER___6 23660	53.14 2.26 0.00	44.91 2.11 0.00	41.31 1.92 0.00	33.85 1.56 0.00	42.25 1.81 0.00	44.00 1.72 0.00	47.08 1.93 0.00	50.91 2.22 0.00	50.24 2.18 0.00	52.53 2.06 0.00	51.19 1.95 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.82 2.68 -3.40	85.88 3.00 -0.94	74.82 3.63 0.00	75.60 4.36 0.00	70.43 3.95 0.00	84.74 3.92 0.00	79.96 3.23 0.00	78.93 2.75 0.00	79.88 2.30 0.00	60.54 2.15 0.00	52.45 1.76 0.00
EAST RIVER___7 23524	53.14 2.26 0.00	44.91 2.11 0.00	41.31 1.92 0.00	33.85 1.56 0.00	42.25 1.81 0.00	44.00 1.72 0.00	47.08 1.93 0.00	50.91 2.22 0.00	50.24 2.18 0.00	52.53 2.06 0.00	51.19 1.95 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.82 2.68 -3.40	85.88 3.00 -0.94	74.82 3.63 0.00	75.60 4.36 0.00	70.43 3.95 0.00	84.74 3.92 0.00	79.96 3.23 0.00	78.93 2.75 0.00	79.88 2.30 0.00	60.54 2.15 0.00	52.45 1.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.87 1.98 0.00	44.62 1.81 0.00	41.04 1.65 0.00	33.68 1.39 0.00	42.06 1.62 0.00	43.79 1.51 0.00	46.80 1.66 0.00	50.59 1.90 0.00	49.93 1.86 0.00	52.23 1.75 0.00	50.87 1.64 0.00	53.52 1.31 0.00	59.87 1.47 0.00	83.47 2.34 -3.39	85.49 2.61 -0.94	74.44 3.24 0.00	75.16 3.92 0.00	70.09 3.61 0.00	84.46 3.65 0.00	79.78 3.04 0.00	78.81 2.63 0.00	79.86 2.27 0.00	60.44 2.05 0.00	52.24 1.56 0.00
EAST_HAMPTON___DIESEL 23722	54.43 4.52 0.98	46.80 4.00 0.00	43.26 3.87 0.00	35.05 2.77 0.00	44.37 3.93 0.00	45.61 3.33 0.00	46.91 1.76 0.00	13.19 1.25 36.76	13.37 2.06 36.76	14.34 2.82 38.96	45.31 3.33 7.26	45.67 2.87 9.41	46.78 3.49 15.10	48.83 5.45 34.36	52.32 7.29 36.91	57.32 7.30 21.18	52.99 7.71 25.96	50.03 7.07 23.52	50.78 7.54 37.57	48.45 7.02 35.32	23.03 6.03 59.19	27.64 5.38 55.32	21.53 4.14 41.00	20.62 3.32 33.39
EAST_POINT___SOLAR 323840	54.72 3.84 0.00	45.85 3.05 0.00	42.10 2.71 0.00	34.44 2.16 0.00	43.17 2.73 0.00	45.19 2.92 0.00	48.12 2.97 0.00	51.61 2.92 0.00	50.01 1.95 0.00	51.85 1.37 0.00	49.75 0.51 0.00	52.91 0.70 0.00	59.66 1.26 0.00	77.33 1.51 1.92	84.31 2.90 0.53	74.54 3.35 0.00	74.38 3.14 0.00	68.40 1.92 0.00	86.03 5.21 0.00	84.09 7.35 0.00	83.64 7.45 0.00	85.18 7.60 0.00	64.06 5.66 0.00	55.31 4.62 0.00
EAST_PULASKI___ESR 323781	50.92 0.04 0.00	42.79 -0.02 0.00	39.37 -0.03 0.00	32.25 -0.03 0.00	40.40 -0.04 0.00	42.47 0.02 -0.18	49.48 0.10 -4.22	51.86 -0.10 -3.27	51.39 -0.26 -3.59	54.58 -0.23 -4.34	54.45 -0.02 -5.24	58.28 0.09 -5.98	66.18 0.28 -7.50	90.25 0.46 -12.05	95.34 0.37 -13.03	82.08 0.36 -10.52	82.41 0.58 -10.60	76.69 0.70 -9.50	94.89 1.19 -12.89	89.97 1.31 -11.93	89.19 1.25 -11.75	91.03 1.41 -12.04	67.30 1.34 -7.56	56.49 0.93 -4.88
EAST_RIVER___1 323558	53.18 2.30 0.00	44.95 2.15 0.00	41.35 1.95 0.00	33.88 1.60 0.00	42.30 1.86 0.00	44.07 1.79 0.00	47.14 1.99 0.00	50.95 2.26 0.00	50.29 2.23 0.00	52.58 2.10 0.00	51.23 1.99 0.00	53.79 1.58 0.00	60.19 1.80 0.00	83.90 2.76 -3.40	85.98 3.10 -0.94	74.90 3.70 0.00	75.68 4.44 0.00	70.49 4.01 0.00	84.85 4.04 0.00	80.08 3.34 0.00	79.03 2.84 0.00	80.01 2.43 0.00	60.60 2.21 0.00	52.51 1.82 0.00
EAST_RIVER___2 323559	53.14 2.26 0.00	44.91 2.11 0.00	41.31 1.92 0.00	33.85 1.56 0.00	42.25 1.81 0.00	44.00 1.72 0.00	47.08 1.93 0.00	50.91 2.22 0.00	50.24 2.18 0.00	52.53 2.06 0.00	51.19 1.95 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.82 2.68 -3.40	85.88 3.00 -0.94	74.82 3.63 0.00	75.60 4.36 0.00	70.43 3.95 0.00	84.74 3.92 0.00	79.96 3.23 0.00	78.93 2.75 0.00	79.88 2.30 0.00	60.54 2.15 0.00	52.45 1.76 0.00
EAST___DELAWARE_HYD 23607	51.38 0.50 0.00	43.22 0.41 0.00	39.73 0.34 0.00	32.58 0.30 0.00	40.72 0.27 0.00	42.41 0.13 0.00	45.31 0.16 0.00	49.02 0.33 0.00	48.35 0.29 0.00	50.62 0.15 0.00	49.40 0.16 0.00	51.97 -0.24 0.00	58.17 -0.22 0.00	80.18 0.32 -2.13	83.37 0.84 -0.59	72.81 1.62 0.00	73.20 1.96 0.00	68.51 2.03 0.00	82.85 2.04 0.00	78.48 1.74 0.00	77.46 1.27 0.00	78.45 0.87 0.00	59.18 0.78 0.00	51.01 0.32 0.00
EIGHT_POINT___WT_PWR 323820	51.94 1.06 0.00	43.44 0.64 0.00	39.92 0.53 0.00	32.54 0.26 0.00	40.76 0.32 0.00	42.88 0.60 0.00	45.83 0.69 0.00	48.95 0.26 0.00	48.09 0.03 0.00	51.32 0.84 0.00	50.42 1.19 0.00	54.18 1.97 0.00	61.37 2.97 0.00	82.26 4.52 0.00	86.28 4.34 0.00	75.63 4.43 0.00	76.67 5.43 0.00	71.76 5.28 0.00	86.46 5.65 0.00	83.10 6.37 0.00	81.70 5.52 0.00	82.93 5.35 0.00	63.05 4.66 0.00	54.21 3.52 0.00
ELBRIDGE_115KV_TB2 80188	50.41 -0.47 0.00	42.35 -0.46 0.00	38.98 -0.42 0.00	31.94 -0.34 0.00	40.02 -0.42 0.00	41.96 -0.41 -0.09	46.76 -0.54 -2.15	49.79 -0.57 -1.66	49.32 -0.58 -1.83	52.23 -0.45 -2.21	51.71 -0.19 -2.66	55.28 0.03 -3.04	62.38 0.17 -3.81	84.35 0.48 -6.13	89.07 0.50 -6.62	77.22 0.67 -5.35	77.77 1.14 -5.39	72.56 1.25 -4.84	88.72 1.35 -6.56	84.17 1.37 -6.07	83.13 0.97 -5.98	84.62 0.91 -6.13	63.09 0.85 -3.85	53.59 0.42 -2.48
ELEC_TRO_TEK 24086	54.55 1.97 -1.70	44.67 1.87 0.00	41.22 1.82 0.00	33.80 1.52 0.00	42.29 1.85 0.00	43.84 1.56 0.00	46.72 1.58 0.00	44.44 1.62 5.87	43.79 1.50 5.78	46.31 1.39 5.56	49.92 1.42 0.73	52.30 1.03 0.94	58.07 1.17 1.49	79.56 2.00 0.18	81.63 2.34 2.66	71.97 2.90 2.12	72.35 3.63 2.52	67.35 3.22 2.35	80.21 3.15 3.75	75.78 2.57 3.52	71.72 2.11 6.57	81.31 1.79 -1.93	70.43 1.51 -10.53	48.52 1.17 3.33
ELLENBURG_WT_PWR 323604	51.15 0.26 0.00	42.96 0.16 0.00	39.52 0.12 0.00	32.25 -0.03 0.00	40.42 -0.02 0.00	42.43 0.16 0.00	45.43 0.28 0.00	48.79 0.10 0.00	48.14 0.08 0.00	50.37 -0.11 0.00	49.09 -0.14 0.00	52.30 0.09 0.00	58.47 0.08 0.00	77.75 0.01 0.00	81.79 -0.15 0.00	70.14 -1.06 0.00	69.58 -1.66 0.00	64.84 -1.64 0.00	79.33 -1.48 0.00	75.39 -1.35 0.00	75.15 -1.04 0.00	76.52 -1.06 0.00	57.41 -0.98 0.00	50.41 -0.28 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.65 -0.23 0.00	42.20 -0.60 0.00	38.74 -0.65 0.00	31.55 -0.74 0.00	39.48 -0.97 0.00	41.63 -0.65 0.00	44.66 -0.49 0.00	47.64 -1.05 0.00	47.39 -0.68 0.00	50.95 0.48 0.00	50.81 1.57 0.00	54.91 2.70 0.00	62.05 3.66 0.00	83.24 5.50 0.00	87.48 5.54 0.00	76.09 4.90 0.00	77.15 5.91 0.00	72.26 5.78 0.00	86.69 5.88 0.00	82.46 5.72 0.00	80.71 4.53 0.00	81.61 4.03 0.00	62.70 4.31 0.00	54.27 3.59 0.00
EMPIRE_CC_1 323656	50.93 0.05 0.00	42.96 0.15 0.00	39.47 0.08 0.00	32.59 0.30 0.00	40.79 0.35 0.00	42.45 0.18 0.00	45.23 0.08 0.00	48.98 0.29 0.00	48.31 0.25 0.00	50.47 0.00 0.00	48.96 -0.28 0.00	51.51 -0.70 0.00	57.26 -1.14 0.00	70.94 -1.66 5.14	78.90 -1.62 1.42	70.70 -0.50 0.00	70.91 -0.33 0.00	66.09 -0.40 0.00	79.92 -0.89 0.00	75.88 -0.85 0.00	75.33 -0.85 0.00	76.74 -0.84 0.00	58.07 -0.32 0.00	50.05 -0.64 0.00
EMPIRE_CC_2 323658	50.93 0.05 0.00	42.96 0.15 0.00	39.47 0.08 0.00	32.59 0.30 0.00	40.79 0.35 0.00	42.45 0.18 0.00	45.23 0.08 0.00	48.98 0.29 0.00	48.31 0.25 0.00	50.47 0.00 0.00	48.96 -0.28 0.00	51.51 -0.70 0.00	57.26 -1.14 0.00	70.94 -1.66 5.14	78.90 -1.62 1.42	70.70 -0.50 0.00	70.91 -0.33 0.00	66.09 -0.40 0.00	79.92 -0.89 0.00	75.88 -0.85 0.00	75.33 -0.85 0.00	76.74 -0.84 0.00	58.07 -0.32 0.00	50.05 -0.64 0.00
ENORWICH_115KV_TB1 80156	54.56 3.67 0.00	45.72 2.92 0.00	42.07 2.67 0.00	34.39 2.11 0.00	43.15 2.71 0.00	45.30 3.02 0.00	48.43 3.28 0.00	52.18 3.49 0.00	51.27 3.20 0.00	53.77 3.30 0.00	52.75 3.51 0.00	56.15 3.94 0.00	63.18 4.78 0.00	84.77 7.03 0.00	89.38 7.44 0.00	77.96 6.77 0.00	77.78 6.55 0.00	73.60 7.12 0.00	90.03 9.22 0.00	85.85 9.11 0.00	84.80 8.62 0.00	86.02 8.44 0.00	64.72 6.32 0.00	55.40 4.72 0.00
ERIE_ST__34_KV_TB1-2 80199	50.94 0.06 0.00	42.45 -0.36 0.00	38.94 -0.45 0.00	31.72 -0.57 0.00	39.68 -0.76 0.00	41.86 -0.41 0.00	44.91 -0.24 0.00	48.04 -0.65 0.00	47.78 -0.28 0.00	51.36 0.89 0.00	51.22 1.98 0.00	55.37 3.17 0.00	62.73 4.33 0.00	84.22 6.48 0.00	88.67 6.73 0.00	77.18 5.98 0.00	78.14 6.90 0.00	73.31 6.83 0.00	87.97 7.16 0.00	83.64 6.90 0.00	81.77 5.59 0.00	82.58 5.00 0.00	63.30 4.91 0.00	54.66 3.97 0.00
ERIE_WT_PWR 323693	50.91 0.03 0.00	42.41 -0.39 0.00	38.92 -0.47 0.00	31.69 -0.59 0.00	39.66 -0.79 0.00	41.82 -0.46 0.00	44.81 -0.34 0.00	47.88 -0.81 0.00	47.63 -0.43 0.00	51.21 0.73 0.00	51.02 1.79 0.00	55.17 2.96 0.00	62.38 3.98 0.00	83.81 6.08 0.00	88.10 6.16 0.00	76.62 5.42 0.00	77.69 6.45 0.00	72.77 6.28 0.00	87.23 6.41 0.00	83.11 6.38 0.00	81.32 5.13 0.00	82.20 4.62 0.00	63.13 4.73 0.00	54.58 3.89 0.00
ESPRGFLD_115KV_TB1 80157	53.67 2.79 0.00	45.00 2.19 0.00	41.39 1.99 0.00	33.83 1.55 0.00	42.35 1.91 0.00	44.37 2.09 0.00	47.46 2.31 0.00	51.10 2.41 0.00	50.28 2.21 0.00	52.88 2.40 0.00	51.75 2.51 0.00	55.16 2.95 0.00	62.16 3.77 0.00	81.83 5.25 1.16	87.42 5.81 0.32	76.22 5.03 0.00	76.26 5.02 0.00	71.18 4.70 0.00	87.06 6.24 0.00	83.08 6.35 0.00	82.26 6.08 0.00	83.64 6.06 0.00	63.02 4.63 0.00	54.58 3.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.80 0.92 0.00	43.46 0.66 0.00	40.00 0.61 0.00	32.75 0.47 0.00	41.05 0.60 0.00	42.97 0.70 0.00	45.82 0.67 0.00	49.34 0.65 0.00	48.55 0.48 0.00	51.00 0.53 0.00	49.90 0.66 0.00	53.20 0.99 0.00	59.77 1.37 0.00	80.26 2.52 0.00	84.61 2.67 0.00	73.45 2.25 0.00	73.93 2.69 0.00	69.69 3.20 0.00	84.81 4.00 0.00	80.63 3.90 0.00	79.75 3.57 0.00	81.13 3.55 0.00	61.18 2.78 0.00	52.63 1.94 0.00
ETNA____115KV_TB2 80207	51.80 0.92 0.00	43.46 0.66 0.00	40.00 0.61 0.00	32.75 0.47 0.00	41.05 0.60 0.00	42.97 0.70 0.00	45.82 0.67 0.00	49.34 0.65 0.00	48.55 0.48 0.00	51.00 0.53 0.00	49.90 0.66 0.00	53.20 0.99 0.00	59.77 1.37 0.00	80.26 2.52 0.00	84.61 2.67 0.00	73.45 2.25 0.00	73.93 2.69 0.00	69.69 3.20 0.00	84.81 4.00 0.00	80.63 3.90 0.00	79.75 3.57 0.00	81.13 3.55 0.00	61.18 2.78 0.00	52.63 1.94 0.00
EUCLID__115KV_TB2 356179	50.07 -0.82 0.00	42.05 -0.75 0.00	38.70 -0.69 0.00	31.73 -0.55 0.00	39.75 -0.70 0.00	41.61 -0.71 -0.04	45.45 -0.70 -1.00	48.68 -0.78 -0.77	48.16 -0.75 -0.85	50.90 -0.59 -1.02	50.11 -0.36 -1.23	53.45 -0.17 -1.41	60.16 -0.01 -1.77	80.78 0.20 -2.84	85.19 0.18 -3.07	74.06 0.38 -2.48	74.50 0.77 -2.50	69.58 0.86 -2.24	84.73 0.88 -3.04	80.40 0.85 -2.81	79.46 0.51 -2.77	80.77 0.35 -2.84	60.60 0.43 -1.78	51.94 0.11 -1.15
E_CANADA_CAP_HY 24051	54.23 3.35 0.00	45.46 2.66 0.00	41.78 2.39 0.00	34.12 1.84 0.00	42.75 2.30 0.00	44.77 2.50 0.00	47.89 2.74 0.00	51.48 2.79 0.00	50.47 2.40 0.00	52.84 2.36 0.00	51.39 2.15 0.00	54.73 2.52 0.00	61.58 3.18 0.00	80.37 4.36 1.73	86.49 5.03 0.48	75.59 4.40 0.00	75.72 4.48 0.00	70.36 3.87 0.00	86.67 5.86 0.00	83.26 6.52 0.00	82.67 6.48 0.00	84.18 6.60 0.00	63.37 4.98 0.00	54.97 4.28 0.00
E_CANADA_MHWK_HY 24050	51.69 0.81 0.00	43.46 0.66 0.00	39.96 0.56 0.00	32.95 0.67 0.00	41.32 0.88 0.00	43.01 0.73 0.00	45.69 0.54 0.00	49.31 0.62 0.00	48.30 0.23 0.00	49.99 -0.49 0.00	48.20 -1.04 0.00	50.82 -1.39 0.00	56.62 -1.77 0.00	75.28 -2.45 0.00	79.73 -2.20 0.00	70.63 -0.57 0.00	71.17 -0.07 0.00	66.78 0.30 0.00	82.24 1.42 0.00	78.61 1.87 0.00	77.84 1.65 0.00	78.97 1.39 0.00	59.52 1.13 0.00	50.95 0.27 0.00
E_FISHKILL__LBMP 23776	52.40 1.52 0.00	44.21 1.41 0.00	40.67 1.28 0.00	33.39 1.11 0.00	41.75 1.30 0.00	43.45 1.17 0.00	46.41 1.26 0.00	50.19 1.49 0.00	49.51 1.44 0.00	51.78 1.30 0.00	50.41 1.17 0.00	53.04 0.83 0.00	59.28 0.88 0.00	82.66 1.43 -3.49	84.59 1.69 -0.96	73.60 2.40 0.00	74.23 2.99 0.00	69.23 2.75 0.00	83.47 2.66 0.00	78.94 2.20 0.00	78.03 1.84 0.00	79.13 1.55 0.00	59.89 1.50 0.00	51.73 1.05 0.00
FALCON__SEABRD_CC1 323796	51.14 0.26 0.00	42.94 0.13 0.00	39.50 0.11 0.00	32.22 -0.06 0.00	40.39 -0.05 0.00	42.40 0.12 0.00	45.40 0.25 0.00	48.61 -0.08 0.00	47.90 -0.16 0.00	49.84 -0.64 0.00	48.65 -0.59 0.00	52.07 -0.14 0.00	58.23 -0.17 0.00	77.41 -0.33 0.00	81.47 -0.46 0.00	69.80 -1.39 0.00	69.24 -2.00 0.00	64.54 -1.94 0.00	78.99 -1.82 0.00	75.08 -1.66 0.00	74.79 -1.40 0.00	76.15 -1.44 0.00	57.15 -1.24 0.00	50.38 -0.31 0.00
FALCON__SEABRD_CC2 323797	51.14 0.26 0.00	42.94 0.13 0.00	39.50 0.11 0.00	32.22 -0.06 0.00	40.39 -0.05 0.00	42.40 0.12 0.00	45.40 0.25 0.00	48.61 -0.08 0.00	47.90 -0.16 0.00	49.84 -0.64 0.00	48.65 -0.59 0.00	52.07 -0.14 0.00	58.23 -0.17 0.00	77.41 -0.33 0.00	81.47 -0.46 0.00	69.80 -1.39 0.00	69.24 -2.00 0.00	64.54 -1.94 0.00	78.99 -1.82 0.00	75.08 -1.66 0.00	74.79 -1.40 0.00	76.15 -1.44 0.00	57.15 -1.24 0.00	50.38 -0.31 0.00

FAR ROCKAWAY___4 23548	58.64 2.80 -4.96	45.25 2.45 0.00	42.12 2.72 0.00	34.53 2.25 0.00	43.20 2.76 0.00	44.79 2.52 0.00	47.49 2.35 0.00	50.93 2.40 0.16	50.35 2.28 0.00	53.35 2.26 -0.62	51.98 2.30 -0.44	54.78 1.98 -0.59	61.78 2.30 -1.09	89.09 3.60 -7.75	91.18 4.01 -5.23	78.10 4.43 -2.48	79.44 5.18 -3.03	72.64 4.68 -1.48	88.10 4.93 -2.36	83.23 4.27 -2.22	82.77 3.75 -2.84	104.53 3.41 -23.53	103.04 2.73 -41.92	54.91 2.12 -2.10
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.19 2.30 0.00	44.96 2.15 0.00	41.36 1.96 0.00	33.90 1.62 0.00	42.32 1.88 0.00	44.08 1.80 0.00	47.15 2.00 0.00	50.95 2.26 0.00	50.31 2.24 0.00	52.59 2.11 0.00	51.23 1.99 0.00	53.80 1.59 0.00	60.21 1.81 0.00	83.95 2.81 -3.40	86.01 3.14 -0.94	74.93 3.74 0.00	75.70 4.46 0.00	70.50 4.02 0.00	84.88 4.06 0.00	80.10 3.36 0.00	79.06 2.87 0.00	80.03 2.45 0.00	60.62 2.23 0.00	52.52 1.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.21 2.33 0.00	44.98 2.18 0.00	41.37 1.97 0.00	33.91 1.63 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.16 2.02 0.00	50.97 2.29 0.00	50.31 2.24 0.00	52.60 2.13 0.00	51.24 2.01 0.00	53.81 1.60 0.00	60.21 1.81 0.00	83.96 2.82 -3.40	86.02 3.14 -0.94	74.93 3.74 0.00	75.71 4.48 0.00	70.50 4.02 0.00	84.88 4.06 0.00	80.11 3.37 0.00	79.08 2.90 0.00	80.06 2.48 0.00	60.65 2.26 0.00	52.55 1.86 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.14 2.26 0.00	44.92 2.12 0.00	41.33 1.93 0.00	33.88 1.59 0.00	42.30 1.85 0.00	44.05 1.78 0.00	47.12 1.97 0.00	50.94 2.25 0.00	50.29 2.22 0.00	52.56 2.08 0.00	51.20 1.96 0.00	53.78 1.56 0.00	60.16 1.77 0.00	83.89 2.75 -3.40	85.96 3.08 -0.94	74.86 3.67 0.00	75.64 4.40 0.00	70.44 3.95 0.00	84.79 3.97 0.00	80.01 3.28 0.00	78.98 2.79 0.00	79.95 2.37 0.00	60.56 2.17 0.00	52.48 1.79 0.00
FARRAGUT___LBMP 323566	53.09 2.21 0.00	44.88 2.08 0.00	41.29 1.90 0.00	33.85 1.56 0.00	42.26 1.81 0.00	44.00 1.73 0.00	47.06 1.92 0.00	50.86 2.17 0.00	50.21 2.15 0.00	52.48 2.00 0.00	51.13 1.89 0.00	53.69 1.48 0.00	60.07 1.67 0.00	83.77 2.62 -3.40	85.82 2.94 -0.94	74.76 3.56 0.00	75.53 4.29 0.00	70.34 3.86 0.00	84.68 3.86 0.00	79.92 3.18 0.00	78.88 2.70 0.00	79.87 2.28 0.00	60.50 2.11 0.00	52.42 1.74 0.00
FENNER___WINDPWR 24204	52.08 1.20 0.00	43.72 0.92 0.00	40.21 0.82 0.00	32.92 0.64 0.00	41.27 0.83 0.00	43.23 0.95 0.00	46.88 1.73 0.00	50.48 1.79 0.00	49.71 1.64 0.00	51.98 1.50 0.00	50.82 1.58 0.00	54.10 1.89 0.00	60.79 2.39 0.00	80.82 3.08 0.00	85.46 3.52 0.00	74.23 3.03 0.00	74.22 2.98 0.00	69.27 2.79 0.00	84.39 3.57 0.00	80.31 3.58 0.00	79.56 3.38 0.00	80.92 3.33 0.00	60.93 2.54 0.00	52.49 1.81 0.00
FIBERTEK___ENERGY 23856	50.65 -0.23 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.14 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.12 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.01 -5.96	89.47 1.09 -6.44	77.59 1.19 -5.20	78.11 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.49 1.49 -5.81	84.92 1.38 -5.96	63.29 1.15 -3.74	53.78 0.68 -2.41
FITZPATRICK___ 23598	49.31 -1.57 0.00	41.45 -1.35 0.00	38.16 -1.24 0.00	31.29 -1.00 0.00	39.19 -1.25 0.00	40.21 -1.29 0.78	25.02 -1.35 18.77	32.66 -1.49 14.54	30.63 -1.47 15.96	29.77 -1.45 19.26	24.73 -1.25 23.26	24.48 -1.16 26.56	23.90 -1.19 33.30	22.76 -1.45 53.53	22.52 -1.55 57.87	23.28 -1.19 46.72	23.24 -0.91 47.09	23.52 -0.75 42.22	22.52 -1.04 57.26	22.81 -0.95 52.98	22.81 -1.19 52.19	22.79 -1.32 53.47	23.96 -0.85 33.58	28.13 -0.90 21.66
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.42 2.54 0.00	44.99 2.19 0.00	41.36 1.96 0.00	33.93 1.65 0.00	42.41 1.96 0.00	44.16 1.88 0.00	47.20 2.05 0.00	51.08 2.39 0.00	50.41 2.35 0.00	52.79 2.32 0.00	51.43 2.20 0.00	54.18 1.97 0.00	60.68 2.28 0.00	83.92 3.45 -2.74	86.55 3.86 -0.76	75.55 4.36 0.00	76.22 4.98 0.00	71.18 4.70 0.00	85.87 5.06 0.00	81.18 4.44 0.00	80.05 3.86 0.00	81.09 3.51 0.00	61.28 2.88 0.00	52.82 2.13 0.00
FORT ORANGE___ 23900	50.69 -0.19 0.00	42.82 0.01 0.00	39.44 0.05 0.00	32.53 0.25 0.00	40.73 0.28 0.00	42.40 0.12 0.00	45.17 0.03 0.00	48.88 0.19 0.00	48.18 0.11 0.00	50.30 -0.17 0.00	48.89 -0.35 0.00	51.44 -0.77 0.00	57.17 -1.22 0.00	73.53 -1.73 2.48	79.62 -1.64 0.69	70.45 -0.75 0.00	70.74 -0.50 0.00	66.05 -0.44 0.00	80.21 -0.60 0.00	76.09 -0.65 0.00	75.56 -0.63 0.00	77.00 -0.58 0.00	58.11 -0.28 0.00	50.04 -0.65 0.00
FORT_DRUM_COGEN 23780	54.12 3.24 0.00	45.30 2.50 0.00	41.62 2.22 0.00	33.95 1.66 0.00	42.57 2.13 0.00	44.81 2.46 -0.08	49.94 2.82 -1.98	52.98 2.76 -1.53	52.17 2.42 -1.68	54.84 2.34 -2.03	54.22 2.53 -2.45	57.64 2.64 -2.80	64.99 3.08 -3.51	87.27 3.89 -5.63	91.97 3.94 -6.09	79.09 2.98 -4.92	79.28 3.09 -4.95	74.01 3.08 -4.44	91.87 5.03 -6.02	87.52 5.21 -5.57	87.52 5.85 -5.49	89.95 6.74 -5.63	67.24 5.31 -3.53	57.05 4.08 -2.28
FOX_HILLS___ESR 323835	53.15 2.27 0.00	45.06 2.26 0.00	41.40 2.00 0.00	33.91 1.63 0.00	42.32 1.87 0.00	44.08 1.80 0.00	47.11 1.96 0.00	50.72 2.04 0.00	50.20 2.14 0.00	52.22 1.74 0.00	50.87 1.63 0.00	53.18 1.05 0.09	59.58 1.18 0.00	83.17 2.04 -3.40	85.24 2.37 -0.93	74.30 3.11 0.00	75.08 3.85 0.01	69.96 3.48 0.01	84.30 3.50 0.01	79.55 2.82 0.01	78.57 2.39 0.01	79.56 1.99 0.01	60.32 1.93 0.00	52.42 1.73 0.00
FPL_FAR_ROCK_GT1 24212	58.63 2.79 -4.96	45.25 2.45 0.00	42.12 2.73 0.00	34.53 2.25 0.00	43.20 2.76 0.00	44.79 2.51 0.00	47.49 2.34 0.00	50.91 2.38 0.16	50.34 2.27 0.00	53.34 2.24 -0.62	51.99 2.32 -0.44	54.79 1.98 -0.59	61.76 2.27 -1.09	88.93 3.43 -7.75	91.04 3.87 -5.23	78.07 4.40 -2.48	79.38 5.12 -3.03	72.65 4.69 -1.48	88.10 4.93 -2.36	83.23 4.27 -2.22	82.77 3.75 -2.84	104.52 3.41 -23.53	103.05 2.74 -41.92	54.91 2.12 -2.10
FPL_FAR_ROCK_GT2 23815	58.63 2.79 -4.96	45.25 2.45 0.00	42.12 2.73 0.00	34.53 2.25 0.00	43.20 2.76 0.00	44.79 2.51 0.00	47.49 2.34 0.00	50.91 2.38 0.16	50.34 2.27 0.00	53.34 2.24 -0.62	51.99 2.32 -0.44	54.79 1.98 -0.59	61.76 2.27 -1.09	88.93 3.43 -7.75	91.04 3.87 -5.23	78.07 4.40 -2.48	79.38 5.12 -3.03	72.65 4.69 -1.48	88.10 4.93 -2.36	83.23 4.27 -2.22	82.77 3.75 -2.84	104.52 3.41 -23.53	103.05 2.74 -41.92	54.91 2.12 -2.10
FRANKLIN_FALL_HYD 24054	51.94 1.06 0.00	43.55 0.75 0.00	40.04 0.65 0.00	32.64 0.35 0.00	40.92 0.47 0.00	42.98 0.71 0.00	46.11 0.97 0.00	49.56 0.87 0.00	48.91 0.84 0.00	51.16 0.69 0.00	49.87 0.63 0.00	53.09 0.88 0.00	59.32 0.92 0.00	78.89 1.15 0.00	82.82 0.89 0.00	70.87 -0.32 0.00	70.26 -0.98 0.00	65.49 -1.00 0.00	80.44 -0.37 0.00	76.61 -0.13 0.00	76.50 0.32 0.00	77.98 0.39 0.00	58.57 0.18 0.00	51.33 0.64 0.00

FREEPORT_EQUS_GT1 23764	54.49 2.39 -1.22	45.04 2.24 0.00	41.54 2.15 0.00	34.04 1.76 0.00	42.61 2.17 0.00	44.16 1.88 0.00	47.02 1.87 0.00	31.68 1.86 18.87	30.90 1.73 18.90	32.39 1.66 19.75	47.43 1.73 3.53	49.00 1.36 4.57	52.43 1.30 7.27	65.89 2.18 14.03	67.70 2.32 16.56	64.44 3.01 9.77	62.85 3.89 12.27	58.58 3.52 11.42	66.11 3.55 18.25	62.48 2.90 17.15	49.56 2.45 29.07	60.05 2.37 19.90	54.09 1.96 6.26	35.98 1.51 16.22
FREEPORT___CT2 23818	54.49 2.39 -1.22	45.04 2.24 0.00	41.54 2.15 0.00	34.04 1.76 0.00	42.61 2.17 0.00	44.16 1.88 0.00	47.02 1.87 0.00	31.68 1.86 18.87	30.90 1.73 18.90	32.39 1.66 19.75	47.43 1.73 3.53	49.00 1.36 4.57	52.43 1.30 7.27	65.89 2.18 14.03	67.70 2.32 16.56	64.44 3.01 9.77	62.85 3.89 12.27	58.58 3.52 11.42	66.11 3.55 18.25	62.48 2.90 17.15	49.56 2.45 29.07	60.05 2.37 19.90	54.09 1.96 6.26	35.98 1.51 16.22
FRESHKLS_33_KV_LOAD 356253	53.22 2.33 0.00	45.16 2.35 0.00	41.47 2.07 0.00	33.96 1.68 0.00	42.38 1.94 0.00	44.14 1.86 0.00	47.17 2.03 0.00	50.71 2.02 0.00	50.25 2.18 0.00	52.15 1.68 0.00	50.83 1.59 0.00	53.05 0.94 0.09	59.43 1.04 0.01	83.07 1.93 -3.40	85.14 2.27 -0.93	74.28 3.08 0.00	75.02 3.79 0.01	69.91 3.44 0.01	84.24 3.43 0.01	79.51 2.79 0.01	78.53 2.36 0.01	79.52 1.95 0.01	60.33 1.95 0.00	52.38 1.70 0.00
FULTON COGEN____ 23766	49.94 -0.94 0.00	41.98 -0.82 0.00	38.66 -0.74 0.00	31.71 -0.57 0.00	39.71 -0.73 0.00	41.76 -0.73 -0.21	49.45 -0.76 -5.06	51.73 -0.88 -3.92	51.47 -0.90 -4.30	54.88 -0.78 -5.19	54.92 -0.58 -6.27	58.96 -0.41 -7.16	67.10 -0.28 -8.98	91.98 -0.19 -14.43	97.28 -0.26 -15.60	83.85 0.05 -12.60	84.23 0.30 -12.70	78.38 0.51 -11.38	96.81 0.56 -15.44	91.60 0.58 -14.29	90.55 0.29 -14.07	92.15 0.15 -14.42	67.68 0.24 -9.05	56.49 -0.04 -5.84
FULTON___LFGE 323630	54.25 3.37 0.00	45.50 2.70 0.00	41.79 2.40 0.00	34.21 1.92 0.00	42.89 2.45 0.00	44.84 2.56 0.00	47.87 2.72 0.00	51.48 2.79 0.00	50.26 2.19 0.00	52.23 1.76 0.00	50.35 1.11 0.00	53.40 1.19 0.00	59.83 1.44 0.00	77.69 1.93 1.97	84.01 2.61 0.54	74.01 2.82 0.00	74.71 3.47 0.00	69.21 2.73 0.00	86.35 5.54 0.00	83.13 6.40 0.00	82.57 6.38 0.00	84.01 6.43 0.00	63.25 4.86 0.00	54.63 3.95 0.00
G.F.CEMENT___DRP 24184	54.79 3.91 0.00	45.94 3.13 0.00	42.10 2.71 0.00	34.67 2.38 0.00	43.66 3.21 0.00	45.34 3.06 0.00	48.43 3.28 0.00	52.49 3.80 0.00	51.77 3.70 0.00	53.98 3.51 0.00	52.17 2.93 0.00	54.99 2.78 0.00	61.12 2.72 0.00	78.46 3.74 3.02	85.56 4.46 0.84	75.83 4.64 0.00	76.41 5.17 0.00	71.00 4.52 0.00	86.14 5.33 0.00	81.96 5.23 0.00	81.03 4.85 0.00	81.94 4.36 0.00	61.77 3.38 0.00	52.98 2.29 0.00
GARDENVILLE___LBMP 24039	50.78 -0.10 0.00	42.30 -0.50 0.00	38.83 -0.56 0.00	31.61 -0.67 0.00	39.56 -0.89 0.00	41.72 -0.56 0.00	44.73 -0.41 0.00	47.76 -0.93 0.00	47.48 -0.59 0.00	51.02 0.54 0.00	50.83 1.60 0.00	54.94 2.73 0.00	62.10 3.70 0.00	83.35 5.61 0.00	87.61 5.67 0.00	76.21 5.01 0.00	77.27 6.03 0.00	72.40 5.91 0.00	86.85 6.04 0.00	82.66 5.93 0.00	80.92 4.73 0.00	81.83 4.25 0.00	62.84 4.44 0.00	54.35 3.67 0.00
GARDNVLA_35_KV_LD 355827	50.99 0.11 0.00	42.46 -0.34 0.00	38.97 -0.42 0.00	31.73 -0.56 0.00	39.69 -0.75 0.00	41.85 -0.43 0.00	44.88 -0.27 0.00	47.93 -0.76 0.00	47.71 -0.36 0.00	51.33 0.85 0.00	51.18 1.94 0.00	55.36 3.15 0.00	62.61 4.21 0.00	84.06 6.32 0.00	88.39 6.45 0.00	76.91 5.71 0.00	77.97 6.73 0.00	73.06 6.58 0.00	87.65 6.83 0.00	83.41 6.68 0.00	81.59 5.41 0.00	82.45 4.87 0.00	63.29 4.90 0.00	54.72 4.03 0.00
GELCKHM___115KV_LOAD 80723	50.29 -0.59 0.00	42.23 -0.57 0.00	38.87 -0.52 0.00	31.87 -0.41 0.00	39.92 -0.53 0.00	41.81 -0.52 -0.06	46.09 -0.53 -1.47	49.25 -0.58 -1.14	48.73 -0.59 -1.25	51.56 -0.43 -1.51	50.88 -0.18 -1.82	54.32 0.03 -2.08	61.23 0.22 -2.61	82.44 0.51 -4.19	86.99 0.52 -4.53	75.56 0.70 -3.66	76.01 1.08 -3.69	70.97 1.18 -3.31	86.56 1.26 -4.49	82.14 1.25 -4.15	81.17 0.89 -4.09	82.52 0.75 -4.19	61.74 0.72 -2.63	52.71 0.33 -1.70
GENERAL___MILLS 23808	50.88 0.00 0.00	42.38 -0.42 0.00	38.89 -0.50 0.00	31.67 -0.62 0.00	39.62 -0.82 0.00	41.79 -0.49 0.00	44.80 -0.35 0.00	47.85 -0.85 0.00	47.59 -0.47 0.00	51.17 0.70 0.00	51.01 1.78 0.00	55.15 2.94 0.00	62.34 3.95 0.00	83.68 5.94 0.00	87.98 6.04 0.00	76.55 5.35 0.00	77.59 6.36 0.00	72.72 6.23 0.00	87.23 6.42 0.00	83.03 6.29 0.00	81.23 5.05 0.00	82.14 4.56 0.00	63.06 4.67 0.00	54.53 3.85 0.00
GE_PLASTICS___DRP 24183	50.55 -0.33 0.00	42.84 0.04 0.00	39.59 0.20 0.00	32.66 0.38 0.00	40.91 0.46 0.00	42.59 0.31 0.00	45.37 0.22 0.00	49.07 0.38 0.00	48.41 0.34 0.00	50.63 0.16 0.00	49.16 -0.07 0.00	51.60 -0.62 0.00	57.26 -1.14 0.00	74.15 -1.66 1.92	79.78 -1.63 0.53	70.47 -0.72 0.00	70.75 -0.49 0.00	65.99 -0.49 0.00	79.93 -0.89 0.00	75.82 -0.91 0.00	75.20 -0.99 0.00	76.53 -1.05 0.00	57.82 -0.57 0.00	49.88 -0.80 0.00
GILBOA___1 23756	51.50 0.62 0.00	43.41 0.60 0.00	40.08 0.69 0.00	33.05 0.77 0.00	41.49 1.05 0.00	43.09 0.81 0.00	45.68 0.53 0.00	49.35 0.66 0.00	48.70 0.63 0.00	51.01 0.54 0.00	49.68 0.44 0.00	52.45 0.24 0.00	58.58 0.19 0.00	78.28 -0.01 -0.55	82.19 0.10 -0.15	72.06 0.86 0.00	72.25 1.02 0.00	67.48 1.00 0.00	81.58 0.76 0.00	77.38 0.65 0.00	76.65 0.46 0.00	78.06 0.47 0.00	59.16 0.77 0.00	51.11 0.42 0.00
GILBOA___2 23757	51.50 0.62 0.00	43.41 0.60 0.00	40.08 0.69 0.00	33.05 0.77 0.00	41.49 1.05 0.00	43.09 0.81 0.00	45.68 0.53 0.00	49.35 0.66 0.00	48.70 0.63 0.00	51.01 0.54 0.00	49.68 0.44 0.00	52.45 0.24 0.00	58.58 0.19 0.00	78.28 -0.01 -0.55	82.19 0.10 -0.15	72.06 0.86 0.00	72.25 1.02 0.00	67.48 1.00 0.00	81.58 0.76 0.00	77.38 0.65 0.00	76.65 0.46 0.00	78.06 0.47 0.00	59.16 0.77 0.00	51.11 0.42 0.00
GILBOA___3 23758	51.50 0.62 0.00	43.41 0.60 0.00	40.08 0.69 0.00	33.05 0.77 0.00	41.49 1.05 0.00	43.09 0.81 0.00	45.68 0.53 0.00	49.35 0.66 0.00	48.70 0.63 0.00	51.01 0.54 0.00	49.68 0.44 0.00	52.45 0.24 0.00	58.58 0.19 0.00	78.28 -0.01 -0.55	82.19 0.10 -0.15	72.06 0.86 0.00	72.25 1.02 0.00	67.48 1.00 0.00	81.58 0.76 0.00	77.38 0.65 0.00	76.65 0.46 0.00	78.06 0.47 0.00	59.16 0.77 0.00	51.11 0.42 0.00
GILBOA___4 23759	51.50 0.62 0.00	43.41 0.60 0.00	40.08 0.69 0.00	33.05 0.77 0.00	41.49 1.05 0.00	43.09 0.81 0.00	45.68 0.53 0.00	49.35 0.66 0.00	48.70 0.63 0.00	51.01 0.54 0.00	49.68 0.44 0.00	52.45 0.24 0.00	58.58 0.19 0.00	78.28 -0.01 -0.55	82.19 0.10 -0.15	72.06 0.86 0.00	72.25 1.02 0.00	67.48 1.00 0.00	81.58 0.76 0.00	77.38 0.65 0.00	76.65 0.46 0.00	78.06 0.47 0.00	59.16 0.77 0.00	51.11 0.42 0.00

GILBOA____ 23599	51.50 0.62 0.00	43.41 0.60 0.00	40.08 0.69 0.00	33.06 0.77 0.00	41.49 1.05 0.00	43.09 0.81 0.00	45.68 0.53 0.00	49.35 0.66 0.00	48.70 0.63 0.00	51.01 0.54 0.00	49.67 0.44 0.00	52.45 0.24 0.00	58.58 0.18 0.00	78.30 0.01 -0.55	82.18 0.09 -0.15	72.05 0.85 0.00	72.26 1.02 0.00	67.48 1.00 0.00	81.58 0.76 0.00	77.38 0.65 0.00	76.65 0.46 0.00	78.06 0.48 0.00	59.16 0.77 0.00	51.11 0.42 0.00
GINNA____ 23603	48.87 -2.02 0.00	40.83 -1.98 0.00	37.49 -1.91 0.00	30.64 -1.65 0.00	38.36 -2.08 0.00	40.30 -1.98 0.00	43.27 -1.87 0.00	46.49 -2.20 0.00	46.14 -1.92 0.00	49.04 -1.43 0.00	48.58 -0.66 0.00	52.22 0.01 0.00	58.86 0.46 0.00	78.78 1.04 0.00	82.84 0.90 0.00	72.13 0.93 0.00	73.06 1.82 0.00	68.48 2.00 0.00	82.72 1.90 0.00	78.49 1.75 0.00	77.09 0.90 0.00	77.97 0.39 0.00	59.14 0.75 0.00	51.03 0.34 0.00
GLEN PARK____ 23778	54.38 3.50 0.00	45.51 2.71 0.00	41.81 2.42 0.00	34.10 1.82 0.00	42.77 2.32 0.00	45.03 2.67 -0.09	50.29 3.05 -2.09	53.28 2.98 -1.62	52.46 2.62 -1.77	55.19 2.58 -2.14	54.62 2.80 -2.59	58.02 2.86 -2.95	65.39 3.29 -3.70	87.83 4.14 -5.95	92.61 4.23 -6.43	79.56 3.17 -5.19	79.82 3.35 -5.23	74.52 3.35 -4.69	92.67 5.49 -6.36	88.30 5.68 -5.89	88.46 6.47 -5.80	90.99 7.46 -5.94	67.95 5.83 -3.73	57.54 4.45 -2.41
GLENDALE_27_KV_LOAD 356172	52.55 2.40 0.73	45.14 2.34 0.00	41.54 2.15 0.00	34.06 1.78 0.00	42.49 2.05 0.00	44.27 2.00 0.00	47.32 2.17 0.00	51.07 2.37 0.00	50.45 2.38 0.00	52.68 2.21 0.00	51.34 2.11 0.00	53.85 1.64 0.00	60.25 1.85 0.00	84.02 2.88 -3.40	86.03 3.16 -0.93	74.94 3.75 0.00	75.67 4.44 0.01	70.50 4.02 0.01	71.77 4.06 13.11	63.09 3.38 17.03	60.35 2.90 18.73	60.27 2.50 19.81	52.42 2.30 8.26	52.71 2.03 0.00
GLENWOOD_IC_1_G5 23712	53.83 2.34 -0.61	44.94 2.14 0.00	41.41 2.02 0.00	33.95 1.67 0.00	42.45 2.01 0.00	44.08 1.80 0.00	47.04 1.89 0.00	39.47 2.03 11.26	38.76 1.97 11.27	40.59 1.89 11.77	49.06 1.92 2.10	51.10 1.61 2.72	55.87 1.79 4.33	73.41 2.64 6.97	75.46 2.99 9.47	68.92 3.54 5.81	68.16 4.23 7.30	63.49 3.81 6.79	73.81 3.86 10.86	69.96 3.43 10.21	61.93 3.06 17.31	67.90 2.65 12.34	55.85 2.15 4.69	42.70 1.66 9.65
GLENWOOD_IC_2_G1 23688	52.99 2.11 0.00	44.75 1.95 0.00	41.22 1.83 0.00	33.81 1.52 0.00	42.26 1.82 0.00	43.92 1.64 0.00	46.88 1.74 0.00	50.58 1.90 0.00	49.90 1.83 0.00	52.21 1.74 0.00	50.96 1.73 0.00	53.59 1.38 0.00	59.95 1.55 0.00	83.53 2.39 -3.40	85.61 2.73 -0.94	74.54 3.35 0.00	75.25 4.02 0.00	70.16 3.68 0.00	84.54 3.72 0.00	79.86 3.13 0.00	78.85 2.69 0.03	79.90 2.32 0.00	60.37 1.98 0.00	52.21 1.52 0.00
GLENWOOD_IC_3_G1 23689	52.99 2.11 0.00	44.75 1.95 0.00	41.22 1.83 0.00	33.81 1.52 0.00	42.26 1.82 0.00	43.92 1.64 0.00	46.88 1.74 0.00	50.58 1.90 0.00	49.90 1.83 0.00	52.21 1.74 0.00	50.96 1.73 0.00	53.59 1.38 0.00	59.95 1.55 0.00	83.53 2.39 -3.40	85.61 2.73 -0.94	74.54 3.35 0.00	75.25 4.02 0.00	70.16 3.68 0.00	84.54 3.72 0.00	79.86 3.13 0.00	78.85 2.69 0.03	79.90 2.32 0.00	60.37 1.98 0.00	52.21 1.52 0.00
GLENWOOD____4 23550	53.83 2.34 -0.61	44.94 2.14 0.00	41.41 2.02 0.00	33.95 1.67 0.00	42.45 2.01 0.00	44.08 1.80 0.00	47.04 1.89 0.00	39.47 2.03 11.26	38.76 1.97 11.27	40.59 1.89 11.77	49.06 1.92 2.10	51.10 1.61 2.72	55.87 1.80 4.33	73.54 2.77 6.97	75.58 3.11 9.47	69.01 3.63 5.81	68.26 4.32 7.30	63.58 3.89 6.79	73.91 3.96 10.86	69.99 3.46 10.21	61.93 3.06 17.31	67.90 2.65 12.34	55.85 2.15 4.69	42.70 1.66 9.65
GLENWOOD____5 23614	53.83 2.34 -0.61	44.94 2.14 0.00	41.41 2.02 0.00	33.95 1.67 0.00	42.45 2.01 0.00	44.08 1.80 0.00	47.04 1.89 0.00	39.47 2.03 11.26	38.76 1.97 11.27	40.59 1.89 11.77	49.06 1.92 2.10	51.10 1.61 2.72	55.87 1.80 4.33	73.54 2.77 6.97	75.58 3.11 9.47	69.01 3.63 5.81	68.26 4.32 7.30	63.58 3.89 6.79	73.91 3.96 10.86	69.99 3.46 10.21	61.93 3.06 17.31	67.90 2.65 12.34	55.85 2.15 4.69	42.70 1.66 9.65
GLOBAL GREEN_PORT_GT1 23814	54.22 4.32 0.98	46.61 3.81 0.00	43.06 3.67 0.00	34.98 2.69 0.00	44.15 3.71 0.00	45.46 3.19 0.00	47.23 2.08 0.00	13.69 1.75 36.75	13.69 2.39 36.76	14.53 3.01 38.96	45.36 3.39 7.26	45.82 3.03 9.41	46.89 5.43 15.10	48.81 5.43 34.36	51.93 6.89 36.91	57.02 7.00 21.18	52.80 7.52 25.96	49.87 6.91 23.51	50.60 7.35 37.57	48.19 6.77 35.32	22.91 5.91 59.19	27.50 5.23 55.31	21.38 3.98 41.00	20.44 3.15 33.39
GLOBE____DSASP 323697	49.16 -1.72 0.00	40.95 -1.85 0.00	37.60 -1.80 0.00	30.61 -1.67 0.00	38.31 -2.14 0.00	40.44 -1.83 0.00	43.37 -1.78 0.00	46.02 -2.67 0.00	45.94 -2.13 0.00	49.45 -1.03 0.00	49.44 0.20 0.00	53.43 1.22 0.00	60.29 1.89 0.00	80.75 3.01 0.00	84.84 2.90 0.00	73.60 2.41 0.00	74.72 3.48 0.00	69.97 3.48 0.00	83.86 3.05 0.00	79.67 2.93 0.00	78.04 1.85 0.00	78.91 1.32 0.00	60.85 2.46 0.00	52.86 2.18 0.00
GOETHSLN____LBMP 323567	52.77 1.89 0.01	44.63 1.83 0.00	41.05 1.66 0.00	33.65 1.36 0.00	42.00 1.56 0.00	43.74 1.46 0.00	46.77 1.63 0.00	50.55 1.86 0.00	49.89 1.82 0.00	52.16 1.69 0.00	50.79 1.56 0.00	53.20 1.08 0.09	59.64 1.24 0.00	83.21 2.07 -3.40	85.24 2.36 -0.94	74.27 3.07 0.00	75.03 3.79 0.00	69.90 3.41 0.00	84.09 3.28 0.00	79.36 2.62 0.00	78.34 2.16 0.00	79.29 1.71 0.00	60.12 1.73 0.00	52.10 1.41 0.00
GOLAH____69_KV_TB 1_2 80279	51.67 0.79 0.00	42.98 0.18 0.00	39.47 0.08 0.00	32.20 -0.08 0.00	40.37 -0.08 0.00	42.42 0.14 0.00	45.54 0.39 0.00	48.76 0.07 0.00	48.36 0.29 0.00	51.60 1.12 0.00	51.16 1.93 0.00	55.08 2.87 0.00	62.16 3.76 0.00	83.35 5.62 0.00	87.63 5.70 0.00	76.21 5.01 0.00	77.25 6.01 0.00	72.45 5.97 0.00	87.46 6.65 0.00	83.18 6.44 0.00	81.78 5.60 0.00	82.59 5.01 0.00	62.93 4.54 0.00	54.46 3.77 0.00
GOODYEAR_LAKE_HYD 323669	52.80 1.92 0.00	44.33 1.53 0.00	40.82 1.42 0.00	33.47 1.18 0.00	41.91 1.47 0.00	43.80 1.52 0.00	46.75 1.60 0.00	50.43 1.74 0.00	49.72 1.66 0.00	52.27 1.80 0.00	51.14 1.90 0.00	54.34 2.13 0.00	61.06 2.66 0.00	81.43 3.70 0.00	86.07 4.13 0.00	75.12 3.93 0.00	75.25 4.02 0.00	70.33 3.84 0.00	85.57 4.75 0.00	81.37 4.63 0.00	80.43 4.25 0.00	81.71 4.13 0.00	61.66 3.26 0.00	53.24 2.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.16 0.28 0.00	42.96 0.16 0.00	39.57 0.18 0.00	32.42 0.13 0.00	40.61 0.16 0.00	42.51 0.23 0.00	45.35 0.20 0.00	48.89 0.20 0.00	48.19 0.12 0.00	50.78 0.30 0.00	49.68 0.44 0.00	52.97 0.76 0.00	59.50 1.10 0.00	79.58 1.84 0.00	83.85 1.91 0.00	73.32 2.12 0.00	73.72 2.48 0.00	69.07 2.59 0.00	83.72 2.91 0.00	79.46 2.73 0.00	78.36 2.17 0.00	79.67 2.09 0.00	60.27 1.87 0.00	51.91 1.22 0.00

GOUDEY___7 23579	51.16 0.28 0.00	42.96 0.16 0.00	39.57 0.18 0.00	32.42 0.13 0.00	40.61 0.16 0.00	42.51 0.23 0.00	45.35 0.20 0.00	48.89 0.20 0.00	48.19 0.12 0.00	50.78 0.30 0.00	49.68 0.44 0.00	52.97 0.76 0.00	59.50 1.10 0.00	79.58 1.84 0.00	83.85 1.91 0.00	73.32 2.12 0.00	73.72 2.48 0.00	69.07 2.59 0.00	83.72 2.91 0.00	79.46 2.73 0.00	78.36 2.17 0.00	79.67 2.09 0.00	60.27 1.87 0.00	51.91 1.22 0.00
GOUDEY___8 23580	51.16 0.28 0.00	42.96 0.16 0.00	39.57 0.18 0.00	32.42 0.13 0.00	40.61 0.16 0.00	42.51 0.23 0.00	45.35 0.20 0.00	48.89 0.20 0.00	48.19 0.12 0.00	50.78 0.30 0.00	49.68 0.44 0.00	52.97 0.76 0.00	59.50 1.10 0.00	79.58 1.84 0.00	83.85 1.91 0.00	73.32 2.12 0.00	73.72 2.48 0.00	69.07 2.59 0.00	83.72 2.91 0.00	79.46 2.73 0.00	78.36 2.17 0.00	79.67 2.09 0.00	60.27 1.87 0.00	51.91 1.22 0.00
GOWANUS_GT1_1 24077	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_2 24078	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_3 24079	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_4 24080	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_5 24084	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_6 24111	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_7 24112	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT1_8 24113	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT2_1 24114	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT2_2 24115	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT2_3 24116	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT2_4 24117	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT2_5 24118	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00

GOWANUS_GT2_6 24119	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT2_7 24120	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT2_8 24121	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.54 2.40 -3.40	85.61 2.74 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_1 24122	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_2 24123	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_3 24124	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_4 24125	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_5 24126	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_6 24127	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_7 24128	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT3_8 24129	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
GOWANUS_GT4_1 24130	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT4_2 24131	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT4_3 24132	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT4_4 24133	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00

GOWANUS_GT4_5 24134	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT4_6 24135	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT4_7 24136	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GOWANUS_GT4_8 24137	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.57 2.43 -3.40	85.63 2.76 -0.93	74.66 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GREATVRV_69_KV_BK1 356245	52.90 2.87 0.85	45.45 2.65 0.00	42.00 2.61 0.00	34.41 2.13 0.00	43.11 2.67 0.00	44.57 2.29 0.00	47.36 2.21 0.00	15.40 2.21 35.50	14.80 2.24 35.51	15.13 2.27 37.62	44.62 2.38 7.00	45.21 2.08 9.08	46.28 2.45 14.56	48.39 3.65 32.99	50.79 4.39 35.54	55.47 4.54 20.27	53.15 5.31 23.40	48.52 4.72 22.68	49.42 4.84 36.24	46.83 4.16 34.06	22.71 3.63 57.10	27.75 3.12 52.95	22.02 2.40 38.77	20.32 1.83 32.20
GREENBSH_115KV_TB3 55895	50.66 -0.23 0.00	42.79 -0.01 0.00	39.42 0.03 0.00	32.53 0.25 0.00	40.71 0.27 0.00	42.37 0.09 0.00	45.15 0.00 0.00	48.86 0.17 0.00	48.21 0.14 0.00	50.41 -0.06 0.00	48.97 -0.27 0.00	51.54 -0.67 0.00	57.30 -1.10 0.00	73.55 -1.55 2.64	79.70 -1.50 0.73	70.67 -0.53 0.00	70.95 -0.29 0.00	66.19 -0.29 0.00	80.16 -0.65 0.00	76.05 -0.69 0.00	75.42 -0.77 0.00	76.77 -0.81 0.00	57.98 -0.41 0.00	49.98 -0.71 0.00
GREENDGE_115KV_TB5 80291	51.29 0.41 0.00	43.17 0.37 0.00	39.69 0.29 0.00	32.44 0.15 0.00	40.64 0.20 0.00	42.69 0.42 0.00	45.83 0.69 0.00	49.08 0.39 0.00	48.48 0.41 0.00	50.93 0.45 0.00	49.99 0.76 0.00	53.60 1.39 0.00	60.76 2.37 0.00	80.95 3.21 0.00	85.16 3.23 0.00	74.76 3.57 0.00	75.55 4.31 0.00	71.21 4.73 0.00	86.18 5.37 0.00	82.12 5.39 0.00	80.74 4.56 0.00	81.88 4.30 0.00	61.95 3.56 0.00	53.29 2.60 0.00
GREENIDGE___3 23582	51.29 0.41 0.00	43.17 0.37 0.00	39.69 0.29 0.00	32.44 0.15 0.00	40.64 0.20 0.00	42.69 0.42 0.00	45.83 0.69 0.00	49.08 0.39 0.00	48.48 0.41 0.00	50.93 0.45 0.00	49.99 0.76 0.00	53.60 1.39 0.00	60.76 2.37 0.00	80.95 3.21 0.00	85.16 3.23 0.00	74.76 3.57 0.00	75.55 4.31 0.00	71.21 4.73 0.00	86.18 5.37 0.00	82.12 5.39 0.00	80.74 4.56 0.00	81.88 4.30 0.00	61.95 3.56 0.00	53.29 2.60 0.00
GREENIDGE___4 23583	51.29 0.41 0.00	43.17 0.37 0.00	39.69 0.29 0.00	32.44 0.15 0.00	40.64 0.20 0.00	42.69 0.42 0.00	45.83 0.68 0.00	49.09 0.40 0.00	48.49 0.42 0.00	50.92 0.45 0.00	49.98 0.75 0.00	53.60 1.39 0.00	60.75 2.35 0.00	80.98 3.24 0.00	85.22 3.28 0.00	74.77 3.57 0.00	75.56 4.32 0.00	71.21 4.73 0.00	86.17 5.35 0.00	82.12 5.38 0.00	80.74 4.55 0.00	81.87 4.29 0.00	61.95 3.56 0.00	53.29 2.60 0.00
GREENLWN_69_KV_BK 3 55738	51.08 1.11 0.90	44.09 1.28 0.00	40.86 1.47 0.00	33.58 1.29 0.00	42.08 1.64 0.00	43.45 1.18 0.00	46.09 0.94 0.00	13.60 0.75 35.85	12.77 0.56 35.85	12.90 0.40 37.98	42.78 0.62 7.07	43.27 0.23 9.17	43.97 0.29 14.72	45.12 0.78 33.40	47.16 1.17 35.95	52.07 1.61 20.73	47.25 2.29 26.28	45.60 2.03 22.91	45.98 1.77 36.61	43.55 1.22 34.41	19.36 0.85 57.68	24.36 0.46 53.68	19.28 0.42 39.53	18.37 0.22 32.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00
GRISSOM___SOLAR 323813	54.09 3.20 0.00	45.37 2.57 0.00	41.67 2.28 0.00	34.13 1.85 0.00	42.81 2.37 0.00	44.71 2.43 0.00	47.70 2.55 0.00	51.32 2.62 0.00	50.05 1.99 0.00	51.88 1.40 0.00	49.88 0.64 0.00	52.82 0.61 0.00	59.12 0.72 0.00	76.62 0.90 2.02	82.91 1.53 0.56	73.19 1.99 0.00	74.10 2.86 0.00	68.52 2.04 0.00	85.76 4.94 0.00	82.60 5.86 0.00	82.08 5.89 0.00	83.52 5.94 0.00	62.90 4.51 0.00	54.29 3.60 0.00
GROVEVILLE___HYD 323602	53.42 2.54 0.00	44.99 2.19 0.00	41.36 1.96 0.00	33.93 1.65 0.00	42.41 1.96 0.00	44.16 1.88 0.00	47.20 2.05 0.00	51.08 2.39 0.00	50.41 2.35 0.00	52.79 2.32 0.00	51.43 2.20 0.00	54.18 1.97 0.00	60.68 2.28 0.00	83.92 3.45 -2.74	86.55 3.86 -0.76	75.55 4.36 0.00	76.22 4.98 0.00	71.18 4.70 0.00	85.87 5.06 0.00	81.18 4.44 0.00	80.05 3.86 0.00	81.09 3.51 0.00	61.28 2.88 0.00	52.82 2.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.65 -0.23 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.14 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.12 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.01 -5.96	89.47 1.09 -6.44	77.59 1.19 -5.20	78.11 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.49 1.49 -5.81	84.92 1.38 -5.96	63.29 1.15 -3.74	53.78 0.68 -2.41
HAMLTNNY_34_KV_TB 80303	50.98 0.10 0.00	42.75 -0.05 0.00	39.32 -0.07 0.00	32.21 -0.07 0.00	40.33 -0.12 0.00	42.32 -0.04 -0.08	47.05 -0.06 -1.97	50.09 -0.13 -1.53	49.59 -0.15 -1.67	52.58 0.09 -2.02	52.17 0.50 -2.44	55.87 0.87 -2.79	63.17 1.27 -3.50	85.40 2.04 -5.62	90.13 2.12 -6.08	78.15 2.04 -4.91	78.80 2.62 -4.95	73.59 2.67 -4.44	89.83 3.00 -6.02	85.25 2.95 -5.57	84.19 2.52 -5.48	85.57 2.36 -5.62	63.88 1.96 -3.53	54.38 1.42 -2.27

HAMPSHIRE___PAPER_HYD 323593	52.74 1.86 0.00	44.19 1.39 0.00	40.61 1.21 0.00	33.12 0.83 0.00	41.53 1.09 0.00	43.65 1.34 -0.03	47.61 1.69 -0.77	50.84 1.55 -0.60	50.08 1.36 -0.65	52.37 1.11 -0.79	51.32 1.13 -0.95	54.57 1.28 -1.09	61.24 1.48 -1.36	81.74 1.81 -2.19	85.79 1.48 -2.37	73.53 0.42 -1.91	73.23 0.07 -1.92	68.16 -0.05 -1.73	84.15 1.00 -2.34	80.15 1.25 -2.16	80.10 1.79 -2.13	82.19 2.43 -2.19	61.83 2.07 -1.37	53.42 1.85 -0.88
HARDSCRABBLE_WT_PWR 323673	51.67 0.79 0.00	43.45 0.65 0.00	39.95 0.55 0.00	32.91 0.63 0.00	41.25 0.80 0.00	42.97 0.70 0.00	45.71 0.56 0.00	49.33 0.64 0.00	48.40 0.34 0.00	50.27 -0.20 0.00	48.62 -0.61 0.00	51.33 -0.88 0.00	57.26 -1.14 0.00	76.15 -1.58 0.00	80.56 -1.38 0.00	71.07 -0.12 0.00	71.51 0.28 0.00	67.03 0.55 0.00	82.27 1.46 0.00	78.54 1.81 0.00	77.80 1.61 0.00	78.96 1.38 0.00	59.52 1.13 0.00	51.09 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.01 2.13 0.00	44.65 1.85 0.00	41.07 1.68 0.00	33.69 1.40 0.00	42.07 1.63 0.00	43.82 1.55 0.00	46.84 1.70 0.00	50.67 1.98 0.00	50.02 1.95 0.00	52.41 1.93 0.00	51.07 1.83 0.00	53.80 1.59 0.00	60.37 1.97 0.00	83.86 3.14 -2.98	86.18 3.42 -0.82	75.15 3.96 0.00	75.86 4.62 0.00	70.81 4.33 0.00	85.40 4.58 0.00	80.72 3.98 0.00	79.68 3.49 0.00	80.70 3.12 0.00	60.99 2.60 0.00	52.62 1.93 0.00
HARSNRAD_115KV_TB1 81005	50.21 -0.67 0.00	41.81 -0.99 0.00	38.37 -1.03 0.00	31.25 -1.04 0.00	39.09 -1.36 0.00	41.25 -1.03 0.00	44.25 -0.90 0.00	46.99 -1.70 0.00	46.62 -1.45 0.00	50.13 -0.34 0.00	50.08 0.85 0.00	54.15 1.94 0.00	61.17 2.77 0.00	82.05 4.31 0.00	86.20 4.27 0.00	74.87 3.67 0.00	75.95 4.71 0.00	71.20 4.71 0.00	85.39 4.57 0.00	81.24 4.50 0.00	79.59 3.40 0.00	80.49 2.91 0.00	62.07 3.67 0.00	53.95 3.27 0.00
HARZA MOOSE___RIVER 24016	53.01 2.13 0.00	44.45 1.65 0.00	40.86 1.47 0.00	33.40 1.12 0.00	41.87 1.43 0.00	43.90 1.60 -0.02	47.60 1.92 -0.54	51.06 1.95 -0.42	50.29 1.77 -0.46	52.59 1.57 -0.55	51.49 1.58 -0.67	54.76 1.78 -0.76	61.55 2.19 -0.96	82.06 2.79 -1.54	86.57 2.97 -1.67	75.09 2.56 -1.34	75.35 2.77 -1.35	70.16 2.47 -1.21	86.03 3.58 -1.63	81.94 3.69 -1.51	81.48 3.81 -1.49	83.37 4.26 -1.53	62.67 3.32 -0.96	53.83 2.53 -0.62
HDSNBRDG_115KV_BRDG_TB1 355580	50.25 -0.63 0.00	42.19 -0.61 0.00	38.83 -0.56 0.00	31.84 -0.44 0.00	39.87 -0.57 0.00	41.71 -0.57 0.00	44.55 -0.60 0.00	48.05 -0.64 0.00	47.43 -0.63 0.00	50.00 -0.48 0.00	49.02 -0.22 0.00	52.19 -0.02 0.00	58.61 0.21 0.00	78.22 0.48 0.00	82.46 0.52 0.00	71.89 0.69 0.00	72.37 1.13 0.00	67.67 1.19 0.00	82.11 1.30 0.00	77.99 1.25 0.00	77.06 0.87 0.00	78.29 0.70 0.00	59.06 0.66 0.00	50.95 0.27 0.00
HELLGATE_13_KV_LD 55870	52.90 2.54 0.52	45.25 2.45 0.00	41.66 2.27 0.00	34.17 1.89 0.00	42.63 2.18 0.00	44.41 2.13 0.00	47.48 2.33 0.00	51.23 2.54 0.00	50.61 2.54 0.00	52.83 2.36 0.00	51.50 2.26 0.00	54.01 1.80 0.00	60.42 2.02 0.00	84.19 3.05 -3.40	86.26 3.38 -0.94	75.15 3.95 0.00	75.89 4.65 0.00	70.71 4.23 0.00	75.84 4.32 9.28	68.32 3.64 12.06	66.06 3.14 13.26	66.28 2.73 14.03	55.01 2.47 5.85	52.88 2.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.90 2.54 0.52	45.25 2.45 0.00	41.66 2.27 0.00	34.17 1.89 0.00	42.63 2.18 0.00	44.41 2.13 0.00	47.48 2.33 0.00	51.23 2.54 0.00	50.61 2.54 0.00	52.83 2.36 0.00	51.50 2.26 0.00	54.01 1.80 0.00	60.42 2.02 0.00	84.19 3.05 -3.40	86.26 3.38 -0.94	75.15 3.95 0.00	75.89 4.65 0.00	70.71 4.23 0.00	75.84 4.32 9.28	68.32 3.64 12.06	66.06 3.14 13.26	66.28 2.73 14.03	55.01 2.47 5.85	52.88 2.19 0.00
HEMPSTEAD___ 23647	53.60 1.97 -0.76	44.69 1.89 0.00	41.22 1.83 0.00	33.80 1.52 0.00	42.29 1.85 0.00	43.84 1.56 0.00	46.71 1.57 0.00	33.14 1.59 17.13	32.34 1.46 17.18	33.89 1.40 17.98	47.46 1.46 3.23	49.12 1.09 4.18	52.88 1.17 6.69	66.56 1.90 13.08	68.56 2.21 15.59	64.74 2.83 9.29	63.21 3.57 11.60	59.24 3.21 10.45	67.25 3.14 16.70	63.62 2.58 15.70	51.76 2.15 26.57	59.72 1.82 19.68	51.32 1.52 8.59	37.00 1.15 14.84
HICKLING___1 23621	51.33 0.45 0.00	43.01 0.20 0.00	39.58 0.18 0.00	32.33 0.05 0.00	40.52 0.08 0.00	42.57 0.29 0.00	45.49 0.34 0.00	48.90 0.21 0.00	48.12 0.06 0.00	51.04 0.56 0.00	50.08 0.85 0.00	53.71 1.50 0.00	60.65 2.25 0.00	81.33 3.60 0.00	85.36 3.43 0.00	74.65 3.46 0.00	75.47 4.24 0.00	70.80 4.31 0.00	85.49 4.68 0.00	81.43 4.70 0.00	80.03 3.85 0.00	81.30 3.72 0.00	61.63 3.24 0.00	52.95 2.27 0.00
HICKLING___2 23622	51.33 0.45 0.00	43.01 0.20 0.00	39.58 0.18 0.00	32.33 0.05 0.00	40.52 0.08 0.00	42.57 0.29 0.00	45.49 0.34 0.00	48.90 0.21 0.00	48.12 0.06 0.00	51.04 0.56 0.00	50.08 0.85 0.00	53.71 1.50 0.00	60.65 2.25 0.00	81.33 3.60 0.00	85.36 3.43 0.00	74.65 3.46 0.00	75.47 4.24 0.00	70.80 4.31 0.00	85.49 4.68 0.00	81.43 4.70 0.00	80.03 3.85 0.00	81.30 3.72 0.00	61.63 3.24 0.00	52.95 2.27 0.00
HIGH FALLS___HY 23754	53.41 2.53 0.00	44.87 2.06 0.00	41.23 1.84 0.00	33.80 1.52 0.00	42.21 1.77 0.00	43.97 1.69 0.00	47.00 1.85 0.00	50.87 2.18 0.00	50.18 2.11 0.00	52.56 2.09 0.00	51.34 2.10 0.00	53.97 1.76 0.00	60.49 2.09 0.00	83.15 3.59 -1.83	86.83 4.39 -0.51	75.96 4.76 0.00	76.46 5.23 0.00	71.55 5.06 0.00	86.43 5.61 0.00	81.75 5.01 0.00	80.61 4.43 0.00	81.61 4.03 0.00	61.59 3.20 0.00	53.10 2.41 0.00
HIGH_RIVER___SOLAR 323847	52.90 2.02 0.00	44.48 1.67 0.00	40.88 1.48 0.00	33.55 1.27 0.00	42.06 1.62 0.00	43.87 1.59 0.00	46.76 1.62 0.00	50.30 1.61 0.00	49.33 1.26 0.00	51.21 0.74 0.00	49.57 0.33 0.00	52.37 0.16 0.00	58.55 0.15 0.00	75.73 0.17 2.17	81.91 0.57 0.60	72.32 1.12 0.00	72.93 1.69 0.00	68.09 1.61 0.00	83.58 2.77 0.00	80.15 3.41 0.00	79.58 3.39 0.00	80.98 3.39 0.00	61.06 2.67 0.00	52.73 2.04 0.00
HILLBURN___GT 23639	52.73 1.85 0.00	44.46 1.66 0.00	40.90 1.51 0.00	33.55 1.27 0.00	41.89 1.44 0.00	43.63 1.35 0.00	46.65 1.50 0.00	50.44 1.75 0.00	49.77 1.70 0.00	52.13 1.66 0.00	50.77 1.54 0.00	53.46 1.25 0.00	59.88 1.48 0.00	83.27 2.46 -3.07	85.48 2.69 -0.85	74.52 3.32 0.00	75.24 4.01 0.00	70.26 3.78 0.00	84.68 3.86 0.00	79.98 3.24 0.00	78.98 2.79 0.00	80.00 2.42 0.00	60.54 2.15 0.00	52.30 1.61 0.00
HILLSIDE_115KV_TB1 80332	50.49 -0.39 0.00	42.36 -0.44 0.00	39.02 -0.38 0.00	31.90 -0.39 0.00	39.97 -0.48 0.00	41.96 -0.32 0.00	44.77 -0.37 0.00	48.22 -0.46 0.00	47.44 -0.62 0.00	50.26 -0.21 0.00	49.25 0.02 0.00	52.74 0.53 0.00	59.45 1.05 0.00	79.68 1.94 0.00	83.71 1.77 0.00	73.22 2.02 0.00	73.84 2.61 0.00	69.29 2.80 0.00	83.78 2.96 0.00	79.64 2.91 0.00	78.26 2.08 0.00	79.63 2.04 0.00	60.33 1.94 0.00	51.82 1.14 0.00

HISHELDN_WT_PWR 323625	50.75 -0.13 0.00	42.34 -0.47 0.00	38.85 -0.54 0.00	31.63 -0.65 0.00	39.61 -0.83 0.00	41.73 -0.54 0.00	44.69 -0.46 0.00	47.72 -0.97 0.00	47.23 -0.84 0.00	50.69 0.22 0.00	50.22 0.99 0.00	54.17 1.96 0.00	61.27 2.87 0.00	82.19 4.45 0.00	86.26 4.32 0.00	75.22 4.03 0.00	76.42 5.19 0.00	71.40 4.91 0.00	85.77 4.96 0.00	81.98 5.25 0.00	80.39 4.21 0.00	81.41 3.83 0.00	62.39 4.00 0.00	53.92 3.23 0.00
HOLTSVILLE_IC_1 23690	51.58 1.69 0.98	44.55 1.75 0.00	41.20 1.81 0.00	33.79 1.50 0.00	42.35 1.91 0.00	43.76 1.48 0.00	46.42 1.27 0.00	13.01 1.15 36.82	12.42 1.18 36.83	12.59 1.14 39.03	43.25 1.28 7.27	43.68 0.91 9.43	44.33 1.07 15.13	44.85 1.54 34.43	47.08 2.13 36.98	52.59 2.62 21.22	48.50 3.34 26.07	45.90 2.98 23.56	45.94 2.77 37.64	43.56 2.20 35.39	18.66 1.77 59.30	23.33 1.20 55.44	18.27 1.00 41.12	17.97 0.73 33.45
HOLTSVILLE_IC_10 23699	52.00 2.07 0.95	44.85 2.04 0.00	41.47 2.08 0.00	33.98 1.70 0.00	42.59 2.15 0.00	44.01 1.73 0.00	46.70 1.55 0.00	13.64 1.46 36.51	13.08 1.53 36.51	13.31 1.53 38.69	43.71 1.68 7.21	44.19 1.33 9.35	44.95 1.55 15.00	45.83 2.18 34.09	48.15 2.85 36.64	53.53 3.34 21.01	49.72 4.05 25.57	46.78 3.65 23.35	47.05 3.54 37.31	44.59 2.93 35.07	19.81 2.40 58.78	24.56 1.84 54.85	19.25 1.43 40.57	18.62 1.09 33.15
HOLTSVILLE_IC_2 23691	51.58 1.69 0.98	44.55 1.75 0.00	41.20 1.81 0.00	33.79 1.50 0.00	42.35 1.91 0.00	43.76 1.48 0.00	46.42 1.27 0.00	13.01 1.15 36.82	12.42 1.18 36.83	12.59 1.14 39.03	43.25 1.28 7.27	43.68 0.91 9.43	44.33 1.07 15.13	44.85 1.54 34.43	47.08 2.13 36.98	52.59 2.62 21.22	48.50 3.34 26.07	45.90 2.98 23.56	45.94 2.77 37.64	43.56 2.20 35.39	18.66 1.77 59.30	23.33 1.20 55.44	18.27 1.00 41.12	17.97 0.73 33.45
HOLTSVILLE_IC_3 23692	51.58 1.69 0.98	44.55 1.75 0.00	41.20 1.81 0.00	33.79 1.50 0.00	42.35 1.91 0.00	43.76 1.48 0.00	46.42 1.27 0.00	13.01 1.15 36.82	12.42 1.18 36.83	12.59 1.14 39.03	43.25 1.28 7.27	43.68 0.91 9.43	44.33 1.07 15.13	44.85 1.54 34.43	47.08 2.13 36.98	52.59 2.62 21.22	48.50 3.34 26.07	45.90 2.98 23.56	45.94 2.77 37.64	43.56 2.20 35.39	18.66 1.77 59.30	23.33 1.20 55.44	18.27 1.00 41.12	17.97 0.73 33.45
HOLTSVILLE_IC_4 23693	51.58 1.69 0.98	44.55 1.75 0.00	41.20 1.81 0.00	33.79 1.50 0.00	42.35 1.91 0.00	43.76 1.48 0.00	46.42 1.27 0.00	13.01 1.15 36.82	12.42 1.18 36.83	12.59 1.14 39.03	43.25 1.28 7.27	43.68 0.91 9.43	44.33 1.07 15.13	44.85 1.54 34.43	47.08 2.13 36.98	52.59 2.62 21.22	48.50 3.34 26.07	45.90 2.98 23.56	45.94 2.77 37.64	43.56 2.20 35.39	18.66 1.77 59.30	23.33 1.20 55.44	18.27 1.00 41.12	17.97 0.73 33.45
HOLTSVILLE_IC_5 23694	51.58 1.69 0.98	44.55 1.75 0.00	41.20 1.81 0.00	33.79 1.50 0.00	42.35 1.91 0.00	43.76 1.48 0.00	46.42 1.27 0.00	13.01 1.15 36.82	12.42 1.18 36.83	12.59 1.14 39.03	43.25 1.28 7.27	43.68 0.91 9.43	44.33 1.07 15.13	44.85 1.54 34.43	47.08 2.13 36.98	52.59 2.62 21.22	48.50 3.34 26.07	45.90 2.98 23.56	45.94 2.77 37.64	43.56 2.20 35.39	18.66 1.77 59.30	23.33 1.20 55.44	18.27 1.00 41.12	17.97 0.73 33.45
HOLTSVILLE_IC_6 23695	52.00 2.07 0.95	44.85 2.04 0.00	41.47 2.08 0.00	33.98 1.70 0.00	42.59 2.15 0.00	44.01 1.73 0.00	46.70 1.55 0.00	13.64 1.46 36.51	13.08 1.53 36.51	13.31 1.53 38.69	43.71 1.68 7.21	44.19 1.33 9.35	44.95 1.55 15.00	45.83 2.18 34.09	48.15 2.85 36.64	53.53 3.34 21.01	49.72 4.05 25.57	46.78 3.65 23.35	47.05 3.54 37.31	44.59 2.93 35.07	19.81 2.40 58.78	24.56 1.84 54.85	19.25 1.43 40.57	18.62 1.09 33.15
HOLTSVILLE_IC_7 23696	52.00 2.07 0.95	44.85 2.04 0.00	41.47 2.08 0.00	33.98 1.70 0.00	42.59 2.15 0.00	44.01 1.73 0.00	46.70 1.55 0.00	13.64 1.46 36.51	13.08 1.53 36.51	13.31 1.53 38.69	43.71 1.68 7.21	44.19 1.33 9.35	44.95 1.55 15.00	45.83 2.18 34.09	48.15 2.85 36.64	53.53 3.34 21.01	49.72 4.05 25.57	46.78 3.65 23.35	47.05 3.54 37.31	44.59 2.93 35.07	19.81 2.40 58.78	24.56 1.84 54.85	19.25 1.43 40.57	18.62 1.09 33.15
HOLTSVILLE_IC_8 23697	52.00 2.07 0.95	44.85 2.04 0.00	41.47 2.08 0.00	33.98 1.70 0.00	42.59 2.15 0.00	44.01 1.73 0.00	46.70 1.55 0.00	13.64 1.46 36.51	13.08 1.53 36.51	13.31 1.53 38.69	43.71 1.68 7.21	44.19 1.33 9.35	44.95 1.55 15.00	45.83 2.18 34.09	48.15 2.85 36.64	53.53 3.34 21.01	49.72 4.05 25.57	46.78 3.65 23.35	47.05 3.54 37.31	44.59 2.93 35.07	19.81 2.40 58.78	24.56 1.84 54.85	19.25 1.43 40.57	18.62 1.09 33.15
HOLTSVILLE_IC_9 23698	52.00 2.07 0.95	44.85 2.04 0.00	41.47 2.08 0.00	33.98 1.70 0.00	42.59 2.15 0.00	44.01 1.73 0.00	46.70 1.55 0.00	13.64 1.46 36.51	13.08 1.53 36.51	13.31 1.53 38.69	43.71 1.68 7.21	44.19 1.33 9.35	44.95 1.55 15.00	45.83 2.18 34.09	48.15 2.85 36.64	53.53 3.34 21.01	49.72 4.05 25.57	46.78 3.65 23.35	47.05 3.54 37.31	44.59 2.93 35.07	19.81 2.40 58.78	24.56 1.84 54.85	19.25 1.43 40.57	18.62 1.09 33.15
HOMER_HL_115KV_TB2 355744	50.61 -0.27 0.00	42.38 -0.42 0.00	38.99 -0.41 0.00	31.78 -0.51 0.00	39.78 -0.66 0.00	41.93 -0.34 0.00	44.99 -0.16 0.00	48.24 -0.45 0.00	47.65 -0.42 0.00	50.73 0.25 0.00	49.89 0.66 0.00	53.57 1.36 0.00	60.44 2.04 0.00	81.14 3.40 0.00	85.53 3.60 0.00	74.69 3.49 0.00	75.33 4.09 0.00	70.46 3.98 0.00	84.49 3.67 0.00	80.42 3.68 0.00	78.85 2.66 0.00	80.09 2.51 0.00	61.39 3.00 0.00	53.30 2.62 0.00
HOWARD_WT_PWR 323690	52.02 1.14 0.00	43.51 0.71 0.00	39.99 0.59 0.00	32.58 0.30 0.00	40.81 0.37 0.00	42.94 0.66 0.00	45.91 0.77 0.00	49.05 0.36 0.00	48.22 0.15 0.00	51.42 0.95 0.00	50.54 1.31 0.00	54.32 2.11 0.00	61.52 3.12 0.00	82.48 4.74 0.00	86.49 4.55 0.00	75.78 4.59 0.00	76.79 5.55 0.00	71.93 5.45 0.00	86.68 5.87 0.00	83.26 6.53 0.00	81.84 5.65 0.00	83.05 5.47 0.00	63.16 4.76 0.00	54.29 3.60 0.00
HQ_GEN_CEDARS 23644	51.72 0.84 0.00	43.44 0.64 0.00	39.95 0.55 0.00	32.57 0.28 0.00	40.83 0.38 0.00	42.87 0.59 0.00	46.05 0.90 0.00	49.49 0.81 0.00	48.85 0.78 0.00	51.11 0.64 0.00	49.88 0.64 0.00	53.02 0.81 0.00	59.24 0.85 0.00	78.61 0.87 0.00	82.52 0.58 0.00	70.64 -0.55 0.00	70.05 -1.19 0.00	65.19 -1.30 0.00	79.92 -0.89 0.00	75.93 -0.80 0.00	75.87 -0.31 0.00	77.48 -0.10 0.00	58.19 -0.20 0.00	50.97 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	51.72 0.84 0.00	43.82 0.64 -0.38	40.77 0.55 -0.82	32.57 0.28 0.00	40.83 0.39 0.00	42.87 0.59 0.00	46.05 0.90 0.00	47.54 0.81 1.96	47.64 0.78 1.21	51.11 0.64 0.00	49.88 0.64 0.00	53.02 0.81 0.00	59.24 0.85 0.00	78.61 0.87 0.00	82.52 0.59 0.00	70.64 -0.55 0.00	70.05 -1.19 0.00	65.19 -1.30 0.00	79.92 -0.89 0.00	75.93 -0.80 0.00	75.88 -0.31 0.00	77.48 -0.10 0.00	58.20 -0.19 0.00	50.97 0.29 0.00

HQ_GEN_IMPORT 323601	51.07 0.19 0.00	42.94 0.13 0.00	39.51 0.11 0.00	32.26 -0.02 0.00	40.43 -0.01 0.00	42.39 0.11 0.00	44.93 0.17 0.39	53.68 0.12 -4.86	48.22 0.16 0.00	50.64 0.17 0.00	49.35 0.11 0.00	52.41 0.21 0.00	58.60 0.21 0.00	77.89 0.16 0.00	82.01 0.07 0.00	70.52 -0.67 0.00	70.09 -1.15 0.00	65.31 -1.17 0.00	79.77 -1.05 0.00	75.77 -0.97 0.00	75.60 -0.59 0.00	77.17 -0.41 0.00	57.76 -0.63 0.00	50.51 -0.18 0.00
HQ_GEN_WHEEL 23651	51.07 0.19 0.00	42.94 0.13 0.00	39.51 0.11 0.00	32.26 -0.02 0.00	40.43 -0.01 0.00	42.39 0.11 0.00	44.93 0.17 0.39	53.68 0.12 -4.86	48.22 0.16 0.00	50.64 0.17 0.00	49.35 0.11 0.00	52.41 0.21 0.00	58.60 0.21 0.00	77.89 0.16 0.00	82.01 0.07 0.00	70.52 -0.67 0.00	70.09 -1.15 0.00	65.31 -1.17 0.00	79.77 -1.05 0.00	75.77 -0.97 0.00	75.60 -0.59 0.00	77.17 -0.41 0.00	57.76 -0.63 0.00	50.51 -0.18 0.00
HUDSON AVE_GT_3 23810	53.20 2.32 0.00	44.98 2.18 0.00	41.37 1.97 0.00	33.91 1.63 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.16 2.02 0.00	50.99 2.30 0.00	50.33 2.27 0.00	52.62 2.14 0.00	51.25 2.01 0.00	53.84 1.63 0.00	60.24 1.84 0.00	83.98 2.84 -3.40	86.07 3.19 -0.94	74.97 3.78 0.00	75.74 4.51 0.00	70.55 4.07 0.00	84.90 4.09 0.00	80.15 3.41 0.00	79.09 2.90 0.00	80.07 2.49 0.00	60.65 2.26 0.00	52.55 1.86 0.00
HUDSON AVE_GT_4 23540	53.20 2.32 0.00	44.98 2.18 0.00	41.37 1.97 0.00	33.91 1.63 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.16 2.02 0.00	50.99 2.30 0.00	50.33 2.27 0.00	52.62 2.14 0.00	51.25 2.01 0.00	53.84 1.63 0.00	60.24 1.84 0.00	83.98 2.84 -3.40	86.07 3.19 -0.94	74.97 3.78 0.00	75.74 4.51 0.00	70.55 4.07 0.00	84.90 4.09 0.00	80.15 3.41 0.00	79.09 2.90 0.00	80.07 2.49 0.00	60.65 2.26 0.00	52.55 1.86 0.00
HUDSON AVE_GT_5 23657	53.20 2.32 0.00	44.98 2.18 0.00	41.37 1.97 0.00	33.91 1.63 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.16 2.02 0.00	50.99 2.30 0.00	50.33 2.27 0.00	52.62 2.14 0.00	51.25 2.01 0.00	53.84 1.63 0.00	60.24 1.84 -3.40	83.98 2.84 -0.94	86.07 3.19 0.00	74.97 3.78 0.00	75.74 4.51 0.00	70.55 4.07 0.00	84.90 4.09 0.00	80.15 3.41 0.00	79.09 2.90 0.00	80.07 2.49 0.00	60.65 2.26 0.00	52.55 1.86 0.00
HUDSON_AVE_10 24168	53.05 2.17 0.00	44.85 2.05 0.00	41.25 1.86 0.00	33.82 1.53 0.00	42.22 1.77 0.00	43.97 1.70 0.00	47.04 1.89 0.00	50.81 2.12 0.00	50.17 2.11 0.00	52.44 1.97 0.00	51.05 1.81 0.00	53.63 1.43 0.00	60.09 1.62 -0.07	84.62 2.52 -4.37	86.71 2.89 -1.88	75.38 3.54 -0.64	76.14 4.23 -0.66	70.29 3.81 0.00	84.60 3.78 0.00	79.83 3.09 0.00	78.78 2.60 0.00	79.78 2.20 0.00	60.46 2.07 0.00	52.36 1.67 0.00
HUDSON___115KV_TB 4 355613	51.62 0.74 0.00	43.62 0.81 0.00	40.18 0.78 0.00	33.13 0.84 0.00	41.51 1.07 0.00	43.21 0.93 0.00	46.08 0.93 0.00	49.85 1.16 0.00	49.02 0.96 0.00	51.03 0.55 0.00	49.68 0.44 0.00	52.28 0.07 0.00	58.02 -0.38 0.00	75.38 -0.57 1.79	81.20 -0.24 0.49	71.55 0.36 0.00	72.02 0.78 0.00	67.31 0.83 0.00	82.23 1.41 0.00	77.94 1.21 0.00	77.53 1.35 0.00	78.96 1.37 0.00	59.49 1.10 0.00	51.16 0.47 0.00
HUNTER MOUNT___DRP 323613	51.83 0.95 0.00	43.82 1.01 0.00	40.40 1.00 0.00	33.32 1.04 0.00	41.76 1.32 0.00	43.49 1.22 0.00	46.38 1.24 0.00	50.21 1.52 0.00	49.40 1.34 0.00	51.43 0.95 0.00	49.97 0.73 0.00	52.67 0.46 0.00	58.43 0.03 0.00	76.60 -0.02 1.12	81.79 0.17 0.31	71.83 0.63 0.00	72.37 1.13 0.00	67.70 1.22 0.00	82.77 1.96 0.00	78.50 1.76 0.00	78.04 1.86 0.00	79.45 1.86 0.00	59.81 1.42 0.00	51.39 0.71 0.00
HUNTINGTON_RES_REC 323705	51.48 1.55 0.95	44.44 1.64 0.00	41.14 1.75 0.00	33.77 1.48 0.00	42.31 1.87 0.00	43.69 1.41 0.00	46.36 1.21 0.00	13.34 1.04 36.39	12.65 0.98 36.40	12.81 0.91 38.57	43.17 1.12 7.18	43.61 0.72 9.32	44.33 0.88 14.95	45.18 1.42 33.98	47.41 2.00 36.53	52.60 2.46 21.05	47.71 3.18 26.71	46.08 2.87 23.28	46.37 2.75 37.19	43.90 2.12 34.96	19.24 1.64 58.59	24.05 1.15 54.69	18.84 0.90 40.45	18.25 0.61 33.05
HUNTLEY___63 23557	50.60 -0.28 0.00	42.12 -0.68 0.00	38.64 -0.75 0.00	31.45 -0.83 0.00	39.35 -1.09 0.00	41.52 -0.76 0.00	44.55 -0.59 0.00	47.40 -1.29 0.00	47.18 -0.88 0.00	50.82 0.34 0.00	50.78 1.54 0.00	54.94 2.73 0.00	62.10 3.71 0.00	83.31 5.57 0.00	87.55 5.61 0.00	75.98 4.78 0.00	77.04 5.80 0.00	72.22 5.74 0.00	86.63 5.82 0.00	82.37 5.64 0.00	80.64 4.46 0.00	81.53 3.95 0.00	62.75 4.36 0.00	54.43 3.74 0.00
HUNTLEY___64 23558	50.60 -0.28 0.00	42.12 -0.68 0.00	38.64 -0.75 0.00	31.45 -0.83 0.00	39.35 -1.09 0.00	41.52 -0.76 0.00	44.55 -0.59 0.00	47.40 -1.29 0.00	47.18 -0.88 0.00	50.82 0.34 0.00	50.78 1.54 0.00	54.94 2.73 0.00	62.10 3.71 0.00	83.31 5.57 0.00	87.55 5.61 0.00	75.98 4.78 0.00	77.04 5.80 0.00	72.22 5.74 0.00	86.63 5.82 0.00	82.37 5.64 0.00	80.64 4.46 0.00	81.53 3.95 0.00	62.75 4.36 0.00	54.43 3.74 0.00
HUNTLEY___65 23559	50.60 -0.28 0.00	42.12 -0.68 0.00	38.64 -0.75 0.00	31.45 -0.83 0.00	39.35 -1.09 0.00	41.52 -0.76 0.00	44.55 -0.59 0.00	47.40 -1.29 0.00	47.18 -0.88 0.00	50.82 0.34 0.00	50.78 1.54 0.00	54.94 2.73 0.00	62.10 3.71 0.00	83.31 5.57 0.00	87.55 5.61 0.00	75.98 4.78 0.00	77.04 5.80 0.00	72.22 5.74 0.00	86.63 5.82 0.00	82.37 5.64 0.00	80.64 4.46 0.00	81.53 3.95 0.00	62.75 4.36 0.00	54.43 3.74 0.00
HUNTLEY___66 23560	50.60 -0.28 0.00	42.12 -0.68 0.00	38.64 -0.75 0.00	31.45 -0.83 0.00	39.35 -1.09 0.00	41.52 -0.76 0.00	44.55 -0.59 0.00	47.40 -1.29 0.00	47.18 -0.88 0.00	50.82 0.34 0.00	50.78 1.54 0.00	54.94 2.73 0.00	62.10 3.71 0.00	83.31 5.57 0.00	87.55 5.61 0.00	75.98 4.78 0.00	77.04 5.80 0.00	72.22 5.74 0.00	86.63 5.82 0.00	82.37 5.64 0.00	80.64 4.46 0.00	81.53 3.95 0.00	62.75 4.36 0.00	54.43 3.74 0.00
HUNTLEY___67 23561	50.32 -0.56 0.00	41.93 -0.87 0.00	38.49 -0.90 0.00	31.35 -0.94 0.00	39.22 -1.23 0.00	41.37 -0.91 0.00	44.37 -0.77 0.00	47.27 -1.42 0.00	47.04 -1.02 0.00	50.60 0.13 0.00	50.48 1.25 0.00	54.58 2.37 0.00	61.63 3.23 0.00	82.66 4.92 0.00	86.84 4.91 0.00	75.46 4.27 0.00	76.56 5.32 0.00	71.71 5.23 0.00	86.04 5.22 0.00	81.80 5.07 0.00	80.08 3.89 0.00	80.96 3.38 0.00	62.27 3.88 0.00	53.96 3.27 0.00
HUNTLEY___68 23562	50.32 -0.56 0.00	41.93 -0.87 0.00	38.49 -0.90 0.00	31.35 -0.94 0.00	39.22 -1.23 0.00	41.37 -0.91 0.00	44.37 -0.77 0.00	47.27 -1.42 0.00	47.04 -1.02 0.00	50.60 0.13 0.00	50.48 1.25 0.00	54.58 2.37 0.00	61.63 3.23 0.00	82.66 4.92 0.00	86.84 4.91 0.00	75.46 4.27 0.00	76.56 5.32 0.00	71.71 5.23 0.00	86.04 5.22 0.00	81.80 5.07 0.00	80.08 3.89 0.00	80.96 3.38 0.00	62.27 3.88 0.00	53.96 3.27 0.00

HYLAND___LFGE 323620	53.91 3.02 0.00	44.96 2.16 0.00	41.26 1.87 0.00	33.67 1.38 0.00	42.18 1.73 0.00	44.35 2.07 0.00	47.51 2.37 0.00	49.78 1.09 0.00	48.01 -0.06 0.00	51.12 0.65 0.00	50.44 1.20 0.00	54.05 1.84 0.00	61.32 2.92 0.00	81.99 4.25 0.00	86.44 4.50 0.00	75.31 4.12 0.00	76.66 5.42 0.00	71.60 5.12 0.00	85.76 4.95 0.00	84.14 7.40 0.00	83.61 7.43 0.00	85.19 7.61 0.00	64.71 6.32 0.00	55.48 4.79 0.00
INDECK___CORINTH 23802	54.65 3.77 0.00	45.81 3.01 0.00	42.01 2.62 0.00	34.57 2.29 0.00	43.51 3.07 0.00	45.21 2.94 0.00	48.28 3.14 0.00	52.33 3.64 0.00	51.63 3.57 0.00	53.88 3.40 0.00	52.01 2.78 0.00	54.88 2.67 0.00	61.03 2.63 0.00	78.39 3.57 2.91	85.49 4.36 0.80	75.46 4.26 0.00	75.81 4.57 0.00	70.27 3.79 0.00	85.10 4.29 0.00	80.93 4.19 0.00	80.04 3.85 0.00	80.99 3.40 0.00	60.99 2.59 0.00	52.36 1.67 0.00
INDECK___ILION 23567	51.37 0.49 0.00	43.21 0.41 0.00	39.75 0.35 0.00	32.68 0.39 0.00	40.96 0.51 0.00	42.71 0.44 0.00	45.51 0.36 0.00	49.12 0.43 0.00	48.33 0.27 0.00	50.46 -0.02 0.00	48.99 -0.24 0.00	51.82 -0.39 0.00	57.88 -0.51 0.00	77.01 -0.73 0.00	81.36 -0.58 0.00	71.39 0.19 0.00	71.71 0.47 0.00	67.06 0.58 0.00	81.86 1.05 0.00	77.95 1.22 0.00	77.24 1.05 0.00	78.49 0.91 0.00	59.16 0.77 0.00	51.00 0.31 0.00
INDECK___OLEAN 23982	50.62 -0.26 0.00	42.38 -0.42 0.00	38.99 -0.41 0.00	31.78 -0.51 0.00	39.78 -0.66 0.00	41.94 -0.34 0.00	45.00 -0.15 0.00	48.24 -0.45 0.00	47.65 -0.42 0.00	50.72 0.25 0.00	49.88 0.65 0.00	53.57 1.35 0.00	60.44 2.04 0.00	81.20 3.46 0.00	85.60 3.67 0.00	74.72 3.52 0.00	75.36 4.12 0.00	70.47 3.98 0.00	84.46 3.65 0.00	80.41 3.67 0.00	78.85 2.66 0.00	80.08 2.50 0.00	61.39 3.00 0.00	53.30 2.62 0.00
INDECK___OSWEGO 23783	49.60 -1.28 0.00	41.82 -0.99 0.00	38.51 -0.88 0.00	31.60 -0.68 0.00	39.58 -0.86 0.00	41.67 -0.88 0.00	50.88 -0.96 0.00	52.56 -1.32 0.00	52.33 -1.43 0.00	55.90 -1.44 0.00	56.29 -1.23 0.00	60.51 -1.17 0.00	69.09 -1.18 0.00	95.39 -1.43 0.00	101.01 -1.56 0.00	86.68 -1.18 0.00	87.09 -0.94 0.00	80.85 -0.69 0.00	100.35 -0.88 0.00	94.87 -0.75 0.00	93.84 -0.96 0.00	95.61 -1.04 0.00	69.79 -0.58 0.00	57.93 -0.48 0.00
INDECK___YERKES 23781	50.66 -0.23 0.00	42.16 -0.64 0.00	38.68 -0.71 0.00	31.48 -0.80 0.00	39.39 -1.05 0.00	41.56 -0.72 0.00	44.60 -0.55 0.00	47.46 -1.23 0.00	47.24 -0.82 0.00	50.87 0.39 0.00	50.81 1.58 0.00	54.99 2.78 0.00	62.17 3.78 0.00	83.48 5.74 0.00	87.71 5.77 0.00	76.09 4.90 0.00	77.16 5.92 0.00	72.31 5.83 0.00	86.70 5.88 0.00	82.45 5.71 0.00	80.72 4.54 0.00	81.61 4.03 0.00	62.81 4.41 0.00	54.49 3.80 0.00
INDIAN POINT_GT_1 24139	52.71 1.83 0.00	44.48 1.67 0.00	40.91 1.52 0.00	33.56 1.28 0.00	41.93 1.48 0.00	43.65 1.38 0.00	46.66 1.52 0.00	50.44 1.75 0.00	49.76 1.70 0.00	52.07 1.60 0.00	50.71 1.48 0.00	53.36 1.15 0.00	59.70 1.30 0.00	83.20 2.12 0.00	85.25 2.39 0.00	74.25 3.06 0.00	74.96 3.72 0.00	69.92 3.44 0.00	84.29 3.47 0.00	79.64 2.90 0.00	78.69 2.50 0.00	79.74 2.16 0.00	60.34 1.95 0.00	52.15 1.46 0.00
INDIAN POINT_GT_2 23659	52.71 1.83 0.00	44.48 1.67 0.00	40.91 1.52 0.00	33.56 1.28 0.00	41.93 1.48 0.00	43.65 1.38 0.00	46.66 1.52 0.00	50.44 1.75 0.00	49.76 1.70 0.00	52.07 1.60 0.00	50.71 1.48 0.00	53.36 1.15 0.00	59.70 1.30 0.00	83.20 2.12 0.00	85.25 2.39 0.00	74.25 3.06 0.00	74.96 3.72 0.00	69.92 3.44 0.00	84.29 3.47 0.00	79.64 2.90 0.00	78.69 2.50 0.00	79.74 2.16 0.00	60.34 1.95 0.00	52.15 1.46 0.00
INDIAN POINT_GT_3 24019	52.71 1.83 0.00	44.48 1.67 0.00	40.91 1.52 0.00	33.56 1.28 0.00	41.93 1.48 0.00	43.65 1.38 0.00	46.66 1.52 0.00	50.44 1.75 0.00	49.76 1.70 0.00	52.07 1.60 0.00	50.71 1.48 0.00	53.36 1.15 0.00	59.70 1.30 0.00	83.20 2.12 0.00	85.25 2.39 0.00	74.25 3.06 0.00	74.96 3.72 0.00	69.92 3.44 0.00	84.29 3.47 0.00	79.64 2.90 0.00	78.69 2.50 0.00	79.74 2.16 0.00	60.34 1.95 0.00	52.15 1.46 0.00
INDIAN POINT___2 23530	52.63 1.75 0.00	44.41 1.60 0.00	40.85 1.46 0.00	33.52 1.24 0.00	41.87 1.42 0.00	43.59 1.32 0.00	46.60 1.45 0.00	50.38 1.69 0.00	49.69 1.63 0.00	52.01 1.53 0.00	50.66 1.43 0.00	53.30 1.09 0.00	59.65 1.25 0.00	83.02 2.05 0.00	85.12 2.29 0.00	74.17 2.97 0.00	74.88 3.64 0.00	69.88 3.40 0.00	84.23 3.42 0.00	79.57 2.84 0.00	78.61 2.43 0.00	79.67 2.09 0.00	60.28 1.89 0.00	52.11 1.43 0.00
INDIAN POINT___3 23531	52.62 1.74 0.00	44.41 1.61 0.00	40.87 1.47 0.00	33.52 1.24 0.00	41.88 1.44 0.00	43.60 1.33 0.00	46.61 1.46 0.00	50.39 1.70 0.00	49.71 1.64 0.00	52.02 1.55 0.00	50.66 1.43 0.00	53.30 1.09 0.00	59.64 1.24 0.00	83.12 2.04 0.00	85.15 2.29 0.00	74.15 2.96 0.00	74.85 3.61 0.00	69.83 3.34 0.00	84.16 3.35 0.00	79.55 2.81 0.00	78.57 2.38 0.00	79.63 2.04 0.00	60.26 1.86 0.00	52.08 1.40 0.00
INGHAM_C_115KV_TB7 356103	51.69 0.81 0.00	43.46 0.66 0.00	39.96 0.57 0.00	32.95 0.67 0.00	41.33 0.88 0.00	43.01 0.73 0.00	45.69 0.54 0.00	49.31 0.62 0.00	48.30 0.23 0.00	49.99 -0.49 0.00	48.20 -1.04 0.00	50.81 -1.40 0.00	56.62 -1.77 0.00	75.28 -2.46 0.00	79.74 -2.20 0.00	70.63 -0.56 0.00	71.17 -0.07 0.00	66.78 0.30 0.00	82.24 1.42 0.00	78.61 1.87 0.00	77.84 1.65 0.00	78.97 1.39 0.00	59.52 1.13 0.00	50.95 0.27 0.00
IP CORINTH___1 23988	54.65 3.77 0.00	45.81 3.01 0.00	42.01 2.61 0.00	34.57 2.29 0.00	43.51 3.07 0.00	45.21 2.94 0.00	48.28 3.14 0.00	52.33 3.64 0.00	51.63 3.57 0.00	53.88 3.41 0.00	52.01 2.78 0.00	54.88 2.67 0.00	61.03 2.63 0.00	78.39 3.56 2.91	85.50 4.37 0.80	75.54 4.35 0.00	75.99 4.75 0.00	70.55 4.06 0.00	85.58 4.77 0.00	81.39 4.65 0.00	80.50 4.31 0.00	81.45 3.87 0.00	61.33 2.94 0.00	52.66 1.98 0.00
IP___TICONDEROGA 23804	57.51 6.63 0.00	47.99 5.19 0.00	43.84 4.44 0.00	36.21 3.93 0.00	45.90 5.46 0.00	47.40 5.12 0.00	50.74 5.60 0.00	55.16 6.47 0.00	54.15 6.09 0.00	56.36 5.88 0.00	54.36 5.13 0.00	56.82 4.62 0.00	63.24 4.84 0.00	81.55 6.80 2.98	89.42 8.31 0.82	79.41 8.22 0.00	80.48 9.24 0.00	75.05 8.56 0.00	90.82 10.00 0.00	86.20 9.46 0.00	85.25 9.07 0.00	85.43 7.85 0.00	64.90 6.50 0.00	55.08 4.40 0.00
ISLIP_RES_REC 323679	52.40 2.45 0.93	45.14 2.34 0.00	41.73 2.34 0.00	34.18 1.89 0.00	42.83 2.39 0.00	44.28 2.00 0.00	46.98 1.84 0.00	14.17 1.78 36.30	13.65 1.89 36.30	13.94 1.94 38.47	44.16 2.09 7.16	44.69 1.78 9.29	45.55 2.06 14.91	46.75 2.87 33.86	49.13 3.60 36.41	54.41 4.07 20.85	50.88 4.76 25.12	47.57 4.30 23.21	47.99 4.26 37.08	45.48 3.60 34.86	20.82 3.06 58.42	25.58 2.45 54.46	20.06 1.86 40.19	19.15 1.42 32.96

JAMAICA__27_KV_LOAD 355505	53.56 2.68 0.00	45.26 2.46 0.00	41.61 2.22 0.00	34.09 1.81 0.00	42.54 2.09 0.00	44.33 2.06 0.00	47.45 2.30 0.00	51.18 2.50 0.00	50.58 2.51 0.00	52.83 2.35 0.00	51.36 2.12 0.00	54.00 1.79 0.00	60.54 2.06 -0.09	85.31 2.96 -4.61	87.62 3.58 -2.11	76.17 4.17 -0.80	76.94 4.87 -0.83	70.91 4.43 0.00	85.33 4.52 0.00	80.52 3.78 0.00	79.49 3.31 0.00	80.52 2.94 0.00	61.09 2.70 0.00	52.84 2.15 0.00
JANIS__SOLAR 323808	53.25 2.37 0.00	44.61 1.81 0.00	41.05 1.66 0.00	33.57 1.29 0.00	42.10 1.66 0.00	44.16 1.88 0.00	47.16 2.02 0.00	50.67 1.99 0.00	49.66 1.59 0.00	51.93 1.45 0.00	50.86 1.63 0.00	54.20 1.99 0.00	60.97 2.57 0.00	81.88 4.14 0.00	86.80 4.86 0.00	75.26 4.06 0.00	75.21 3.97 0.00	71.24 4.75 0.00	87.09 6.27 0.00	83.26 6.53 0.00	82.53 6.34 0.00	83.92 6.34 0.00	63.17 4.78 0.00	54.20 3.51 0.00
JARVIS____ 23743	50.98 0.10 0.00	42.89 0.09 0.00	39.47 0.08 0.00	32.38 0.10 0.00	40.58 0.13 0.00	42.36 0.09 0.00	45.24 0.09 0.00	48.83 0.14 0.00	48.18 0.12 0.00	50.54 0.07 0.00	49.28 0.04 0.00	52.21 0.00 0.00	58.38 -0.01 0.00	77.69 -0.05 0.00	81.95 0.01 0.00	71.47 0.28 0.00	71.64 0.40 0.00	66.84 0.36 0.00	81.14 0.33 0.00	77.05 0.32 0.00	76.42 0.23 0.00	77.75 0.17 0.00	58.63 0.24 0.00	50.79 0.11 0.00
JENNISON____1 23625	53.35 2.47 0.00	44.75 1.95 0.00	41.20 1.80 0.00	33.72 1.43 0.00	42.28 1.84 0.00	44.30 2.02 0.00	47.31 2.16 0.00	51.04 2.35 0.00	50.26 2.20 0.00	52.83 2.36 0.00	51.71 2.47 0.00	55.06 2.85 0.00	61.86 3.46 0.00	82.81 5.07 0.00	87.42 5.48 0.00	76.41 5.22 0.00	76.30 5.06 0.00	71.85 5.37 0.00	87.67 6.85 0.00	83.50 6.76 0.00	82.37 6.18 0.00	83.59 6.01 0.00	63.01 4.61 0.00	54.08 3.39 0.00
JENNISON____2 23626	53.35 2.47 0.00	44.75 1.95 0.00	41.20 1.80 0.00	33.72 1.43 0.00	42.28 1.84 0.00	44.30 2.02 0.00	47.31 2.16 0.00	51.04 2.35 0.00	50.26 2.20 0.00	52.83 2.36 0.00	51.71 2.47 0.00	55.06 2.85 0.00	61.86 3.46 0.00	82.81 5.07 0.00	87.42 5.48 0.00	76.41 5.22 0.00	76.30 5.06 0.00	71.85 5.37 0.00	87.67 6.85 0.00	83.50 6.76 0.00	82.37 6.18 0.00	83.59 6.01 0.00	63.01 4.61 0.00	54.08 3.39 0.00
JERICOHO_RISE_WT_PWR 323719	51.16 0.28 0.00	42.97 0.17 0.00	39.54 0.15 0.00	32.26 -0.02 0.00	40.44 -0.01 0.00	42.44 0.16 0.00	45.46 0.31 0.00	48.83 0.14 0.00	48.21 0.14 0.00	50.46 -0.01 0.00	49.16 -0.07 0.00	52.35 0.14 0.00	58.51 0.11 0.00	77.77 0.04 0.00	81.83 -0.11 0.00	70.11 -1.09 0.00	69.51 -1.73 0.00	64.77 -1.71 0.00	79.27 -1.54 0.00	75.35 -1.39 0.00	75.15 -1.04 0.00	76.53 -1.05 0.00	57.39 -1.00 0.00	50.40 -0.28 0.00
KATONAH__115KV_46KV_TB4 355592	53.07 2.19 0.00	44.75 1.95 0.00	41.15 1.75 0.00	33.76 1.48 0.00	42.17 1.73 0.00	43.92 1.64 0.00	46.94 1.79 0.00	50.76 2.07 0.00	50.11 2.05 0.00	52.44 1.96 0.00	51.07 1.83 0.00	53.75 1.53 0.00	60.14 1.74 0.00	83.89 2.74 -3.41	85.98 3.10 -0.94	74.86 3.66 0.00	75.55 4.31 0.00	70.49 4.00 0.00	84.98 4.17 0.00	80.30 3.56 0.00	79.25 3.07 0.00	80.29 2.71 0.00	60.72 2.33 0.00	52.44 1.76 0.00
KCE_NY_1 323755	53.50 2.62 0.00	44.95 2.15 0.00	41.32 1.93 0.00	33.95 1.67 0.00	42.69 2.24 0.00	44.41 2.14 0.00	47.39 2.24 0.00	51.29 2.60 0.00	50.54 2.47 0.00	52.79 2.32 0.00	51.23 1.99 0.00	54.16 1.95 0.00	60.26 1.87 0.00	77.16 2.50 3.08	83.93 2.84 0.85	74.38 3.19 0.00	74.92 3.69 0.00	69.89 3.41 0.00	84.93 4.12 0.00	80.65 3.91 0.00	79.89 3.71 0.00	81.06 3.48 0.00	61.08 2.69 0.00	52.52 1.84 0.00
KCE_NY_6_ESR 323823	50.91 0.03 0.00	42.41 -0.39 0.00	38.92 -0.47 0.00	31.69 -0.59 0.00	39.66 -0.79 0.00	41.82 -0.46 0.00	44.81 -0.34 0.00	47.88 -0.81 0.00	47.63 -0.43 0.00	51.21 0.73 0.00	51.02 1.79 0.00	55.17 2.96 0.00	62.38 3.98 0.00	83.81 6.08 0.00	88.10 6.16 0.00	76.62 5.42 0.00	77.69 6.45 0.00	72.77 6.28 0.00	87.23 6.41 0.00	83.11 6.38 0.00	81.32 5.13 0.00	82.20 4.62 0.00	63.13 4.73 0.00	54.58 3.89 0.00
KEDC PORT_JEFF_GT2 24210	51.79 1.87 0.96	44.72 1.92 0.00	41.35 1.96 0.00	33.89 1.61 0.00	42.47 2.03 0.00	43.88 1.61 0.00	46.56 1.41 0.00	13.38 1.30 36.62	12.81 1.36 36.62	13.00 1.34 38.81	43.50 1.50 7.23	43.96 1.13 9.38	44.70 1.34 15.05	45.45 1.93 34.22	47.73 2.55 36.76	53.10 3.00 21.10	49.07 3.73 25.89	46.43 3.37 23.43	46.62 3.24 37.43	44.17 2.62 35.18	19.23 2.01 58.96	23.85 1.34 55.07	18.73 1.12 40.78	18.33 0.91 33.26
KEDC PORT_JEFF_GT3 24211	51.79 1.87 0.96	44.72 1.92 0.00	41.35 1.96 0.00	33.89 1.61 0.00	42.47 2.03 0.00	43.88 1.61 0.00	46.56 1.41 0.00	13.38 1.30 36.62	12.81 1.36 36.62	13.00 1.34 38.81	43.50 1.50 7.23	43.96 1.13 9.38	44.70 1.34 15.05	45.45 1.93 34.22	47.73 2.55 36.76	53.10 3.00 21.10	49.07 3.73 25.89	46.43 3.37 23.43	46.62 3.24 37.43	44.17 2.62 35.18	19.23 2.01 58.96	23.85 1.34 55.07	18.73 1.12 40.78	18.33 0.91 33.26
KEDC_GLWD_GT4 24219	53.82 2.34 -0.61	44.94 2.14 0.00	41.41 2.02 0.00	33.95 1.67 0.00	42.45 2.01 0.00	44.08 1.80 0.00	47.04 1.89 0.00	39.45 2.02 11.26	38.75 1.96 11.27	40.59 1.89 11.77	49.06 1.93 2.10	51.10 1.61 2.72	55.85 1.78 4.33	73.35 2.58 6.97	75.39 2.93 9.47	68.90 3.52 5.81	68.14 4.21 7.30	63.49 3.81 6.79	73.82 3.86 10.86	69.96 3.43 10.21	61.93 3.05 17.31	67.90 2.65 12.34	55.86 2.15 4.69	42.70 1.66 9.65
KEDC_GLWD_GT5 24220	53.82 2.34 -0.61	44.94 2.14 0.00	41.41 2.02 0.00	33.95 1.67 0.00	42.45 2.01 0.00	44.08 1.80 0.00	47.04 1.89 0.00	39.45 2.02 11.26	38.75 1.96 11.27	40.59 1.89 11.77	49.06 1.93 2.10	51.10 1.61 2.72	55.85 1.78 4.33	73.35 2.58 6.97	75.39 2.93 9.47	68.90 3.52 5.81	68.14 4.21 7.30	63.49 3.81 6.79	73.82 3.86 10.86	69.96 3.43 10.21	61.93 3.05 17.31	67.90 2.65 12.34	55.86 2.15 4.69	42.70 1.66 9.65
KENSICO____ 23655	52.87 1.98 0.00	44.62 1.81 0.00	41.04 1.65 0.00	33.68 1.39 0.00	42.06 1.62 0.00	43.79 1.51 0.00	46.80 1.66 0.00	50.59 1.90 0.00	49.93 1.86 0.00	52.23 1.75 0.00	50.87 1.64 0.00	53.52 1.31 0.00	59.87 1.47 0.00	83.47 2.34 -3.39	85.49 2.61 -0.94	74.44 3.24 0.00	75.16 3.92 0.00	70.09 3.61 0.00	84.46 3.65 0.00	79.78 3.04 0.00	78.81 2.63 0.00	79.86 2.27 0.00	60.44 2.05 0.00	52.24 1.56 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.21 2.33 0.00	44.74 1.94 0.00	41.12 1.72 0.00	33.71 1.43 0.00	42.12 1.68 0.00	43.88 1.61 0.00	46.90 1.75 0.00	50.76 2.07 0.00	50.07 2.01 0.00	52.42 1.95 0.00	51.19 1.95 0.00	53.77 1.56 0.00	60.23 1.83 0.00	82.95 3.17 -2.04	86.47 3.96 -0.56	75.54 4.35 0.00	76.03 4.80 0.00	71.16 4.68 0.00	85.98 5.16 0.00	81.39 4.65 0.00	80.28 4.10 0.00	81.30 3.72 0.00	61.35 2.96 0.00	52.87 2.18 0.00

KIAC_JFK_GT1 23816	53.12 2.24 0.00	44.91 2.11 0.00	41.29 1.90 0.00	33.85 1.56 0.00	42.23 1.78 0.00	44.01 1.74 0.00	47.09 1.95 0.00	50.79 2.10 0.00	50.19 2.13 0.00	52.41 1.94 0.00	50.95 1.71 0.00	53.55 1.34 0.00	60.03 1.55 -0.09	84.64 2.29 -4.61	86.91 2.86 -2.11	75.52 3.52 -0.80	76.30 4.23 -0.83	70.29 3.80 0.00	84.60 3.79 0.00	79.83 3.09 0.00	78.79 2.61 0.00	79.78 2.20 0.00	60.57 2.17 0.00	52.38 2.17 0.00
KIAC_JFK_GT2 23817	53.12 2.24 0.00	44.91 2.11 0.00	41.29 1.90 0.00	33.85 1.56 0.00	42.23 1.78 0.00	44.01 1.74 0.00	47.09 1.95 0.00	50.79 2.10 0.00	50.19 2.13 0.00	52.41 1.94 0.00	50.95 1.71 0.00	53.55 1.34 0.00	60.03 1.55 -0.09	84.64 2.29 -4.61	86.91 2.86 -2.11	75.52 3.52 -0.80	76.30 4.23 -0.83	70.29 3.80 0.00	84.60 3.79 0.00	79.83 3.09 0.00	78.79 2.61 0.00	79.78 2.20 0.00	60.57 2.17 0.00	52.38 2.17 0.00
KIAC_JFK____ 323774	53.12 2.24 0.00	44.91 2.11 0.00	41.29 1.90 0.00	33.85 1.56 0.00	42.22 1.78 0.00	44.01 1.74 0.00	47.09 1.95 0.00	50.79 2.10 0.00	50.19 2.12 0.00	52.41 1.94 0.00	50.95 1.72 0.00	53.56 1.35 0.00	60.03 1.55 -0.09	84.59 2.25 -4.61	86.89 2.84 -2.11	75.50 3.50 -0.80	76.28 4.21 -0.83	70.29 3.80 0.00	84.60 3.79 0.00	79.83 3.09 0.00	78.79 2.61 0.00	79.78 2.20 0.00	60.57 2.18 0.00	52.39 1.70 0.00
KINTIGH__24_KV_GSU 356498	50.39 -0.49 0.00	42.03 -0.77 0.00	38.62 -0.77 0.00	31.50 -0.78 0.00	39.42 -1.02 0.00	41.52 -0.75 0.00	44.55 -0.59 0.00	47.54 -1.15 0.00	47.25 -0.81 0.00	50.63 0.15 0.00	50.37 1.13 0.00	54.30 2.09 0.00	61.22 2.82 0.00	82.02 4.28 0.00	86.04 4.10 0.00	74.65 3.46 0.00	75.89 4.65 0.00	71.01 4.53 0.00	85.40 4.59 0.00	81.10 4.36 0.00	79.53 3.35 0.00	80.46 2.88 0.00	61.72 3.32 0.00	53.47 2.78 0.00
KINTIGH____ 23543	50.33 -0.55 0.00	42.01 -0.79 0.00	38.59 -0.81 0.00	31.47 -0.81 0.00	39.39 -1.06 0.00	41.49 -0.79 0.00	44.51 -0.64 0.00	47.49 -1.21 0.00	47.20 -0.86 0.00	50.59 0.12 0.00	50.34 1.10 0.00	54.26 2.04 0.00	61.17 2.77 0.00	81.88 4.14 0.00	85.92 3.98 0.00	74.62 3.43 0.00	75.80 4.56 0.00	70.98 4.50 0.00	85.36 4.54 0.00	81.04 4.30 0.00	79.46 3.27 0.00	80.41 2.83 0.00	61.66 3.27 0.00	53.43 2.75 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.52 0.64 0.00	43.23 0.43 0.00	39.76 0.36 0.00	32.43 0.14 0.00	40.65 0.21 0.00	42.69 0.41 0.00	45.72 0.57 0.00	49.03 0.34 0.00	48.25 0.18 0.00	50.34 -0.13 0.00	49.11 -0.12 0.00	52.46 0.25 0.00	58.71 0.31 0.00	78.07 0.33 0.00	82.13 0.19 0.00	70.38 -0.81 0.00	69.85 -1.39 0.00	65.16 -1.32 0.00	79.83 -0.98 0.00	76.00 -0.74 0.00	75.72 -0.46 0.00	77.07 -0.51 0.00	57.82 -0.57 0.00	50.81 0.13 0.00
LACHUTE____HYDRO 323717	57.51 6.63 0.00	47.99 5.19 0.00	43.84 4.44 0.00	36.21 3.93 0.00	45.90 5.46 0.00	47.39 5.12 0.00	50.74 5.60 0.00	55.16 6.47 0.00	54.15 6.09 0.00	56.35 5.88 0.00	54.37 5.13 0.00	56.82 4.62 0.00	63.24 4.84 0.00	81.55 6.80 2.98	89.42 8.31 0.82	79.41 8.21 0.00	80.48 9.24 0.00	75.05 8.56 0.00	90.82 10.00 0.00	86.20 9.46 0.00	85.25 9.07 0.00	85.43 7.85 0.00	64.90 6.50 0.00	55.08 4.40 0.00
LAWRNCAY_115KV_TB1 80681	52.07 1.19 0.00	43.70 0.90 0.00	40.16 0.77 0.00	32.72 0.44 0.00	41.04 0.59 0.00	43.12 0.85 0.00	46.33 1.18 0.00	49.74 1.05 0.00	49.01 0.94 0.00	51.20 0.73 0.00	49.96 0.72 0.00	53.09 0.88 0.00	59.31 0.91 0.00	78.76 1.03 0.00	82.42 0.49 0.00	70.26 -0.93 0.00	69.51 -1.73 0.00	64.69 -1.80 0.00	79.66 -1.15 0.00	75.81 -0.93 0.00	75.91 -0.28 0.00	77.64 0.06 0.00	58.61 0.22 0.00	51.39 0.71 0.00
LEDERLE____ 23769	52.93 2.05 0.00	44.62 1.82 0.00	41.06 1.66 0.00	33.68 1.39 0.00	42.05 1.61 0.00	43.79 1.52 0.00	46.84 1.70 0.00	50.66 1.97 0.00	49.99 1.92 0.00	52.36 1.88 0.00	51.00 1.76 0.00	53.70 1.49 0.00	60.17 1.77 0.00	83.76 2.86 -3.16	85.91 3.10 -0.87	74.87 3.67 0.00	75.60 4.36 0.00	70.58 4.10 0.00	85.07 4.26 0.00	80.34 3.60 0.00	79.32 3.14 0.00	80.35 2.77 0.00	60.79 2.39 0.00	52.50 1.81 0.00
LIGHTHSE_115KV_TB6 355974	51.27 0.39 0.00	43.04 0.23 0.00	39.60 0.21 0.00	32.42 0.14 0.00	40.62 0.17 0.00	42.68 0.27 -0.14	48.82 0.38 -3.29	51.47 0.24 -2.55	50.95 0.08 -2.80	53.97 0.12 -3.37	53.65 0.34 -4.08	57.32 0.45 -4.65	64.90 0.66 -5.84	88.08 0.96 -9.38	92.99 0.91 -10.14	80.15 0.77 -8.19	80.44 0.95 -8.25	74.92 1.04 -7.40	92.53 1.68 -10.03	87.80 1.78 -9.28	87.12 1.79 -9.15	88.95 2.00 -9.37	66.13 1.86 -5.88	55.76 1.28 -3.80
LINDEN COGEN____ 23786	52.73 1.86 0.01	44.62 1.82 0.00	41.03 1.63 0.00	33.63 1.35 0.00	41.98 1.53 0.00	43.72 1.44 0.00	46.76 1.61 0.00	50.51 1.83 0.00	49.86 1.80 0.00	52.13 1.65 0.00	50.78 1.54 0.00	53.18 1.06 0.09	59.60 1.21 0.00	83.13 1.98 -3.40	85.17 2.29 -0.94	74.21 3.01 0.00	74.97 3.73 0.00	69.84 3.36 0.00	84.06 3.24 0.00	79.31 2.57 0.00	78.29 2.11 0.00	79.25 1.67 0.00	60.08 1.68 0.00	52.08 1.39 0.00
LINDHRST_69_KV_BK1 356055	52.92 2.53 0.49	45.20 2.40 0.00	41.74 2.35 0.00	34.21 1.93 0.00	42.85 2.41 0.00	44.31 2.04 0.00	47.13 1.99 0.00	19.43 1.98 31.24	18.77 1.95 31.25	19.30 1.87 33.05	45.12 2.00 6.12	45.94 1.66 7.93	47.55 1.87 12.72	52.41 3.00 28.33	54.60 3.52 30.86	57.20 3.78 17.77	54.34 4.60 21.49	50.74 4.07 19.81	53.27 4.11 31.65	50.42 3.43 29.75	29.21 2.98 49.95	34.97 2.62 45.24	28.56 2.03 31.87	24.14 1.58 28.13
LIPA_MISC_IPP 23656	51.70 1.80 0.98	44.62 1.82 0.00	41.24 1.85 0.00	33.78 1.49 0.00	42.36 1.91 0.00	43.75 1.48 0.00	46.34 1.19 0.00	13.01 1.09 36.77	12.49 1.19 36.78	12.70 1.21 38.98	43.27 1.29 7.26	43.69 0.90 9.42	44.37 1.08 15.11	44.94 1.58 34.38	47.24 2.23 36.93	52.81 2.81 21.19	48.81 3.57 25.99	46.09 3.14 23.53	46.18 2.96 37.59	43.83 2.43 35.33	18.96 1.99 59.22	23.61 1.38 55.35	18.45 1.09 41.04	18.06 0.78 33.41
LISF____SOLAR 323691	51.85 1.95 0.97	44.75 1.95 0.00	41.35 1.96 0.00	33.85 1.57 0.00	42.46 2.01 0.00	43.86 1.58 0.00	46.47 1.33 0.00	13.16 1.19 36.72	12.66 1.32 36.72	12.89 1.33 38.91	43.44 1.45 7.25	43.86 1.06 9.40	44.53 1.21 15.09	45.07 1.64 34.32	47.43 2.36 36.87	53.04 3.00 21.15	49.08 3.75 25.90	46.37 3.38 23.49	46.50 3.22 37.53	44.14 2.68 35.28	19.29 2.23 59.12	23.96 1.62 55.24	18.73 1.27 40.93	18.25 0.92 33.35
LITTLE FALLS____HYD 24013	51.69 0.81 0.00	43.46 0.66 0.00	39.96 0.57 0.00	32.95 0.67 0.00	41.33 0.88 0.00	43.01 0.73 0.00	45.69 0.54 0.00	49.31 0.62 0.00	48.30 0.23 0.00	49.99 -0.49 0.00	48.20 -1.04 0.00	50.81 -1.40 0.00	56.62 -1.77 0.00	75.28 -2.46 0.00	79.74 -2.20 0.00	70.63 -0.56 0.00	71.17 -0.07 0.00	66.78 0.30 0.00	82.24 1.42 0.00	78.61 1.87 0.00	77.84 1.65 0.00	78.97 1.39 0.00	59.52 1.13 0.00	50.95 0.27 0.00

LITTLRIV_115KV_TB1 356100	52.91 2.03 0.00	44.39 1.58 0.00	40.77 1.38 0.00	33.20 0.92 0.00	41.65 1.21 0.00	43.80 1.53 0.00	47.06 1.91 0.00	50.43 1.73 0.00	49.45 1.39 0.00	51.57 1.10 0.00	50.25 1.01 0.00	53.43 1.22 0.00	59.66 1.26 0.00	79.42 1.68 0.00	82.96 1.02 0.00	70.62 -0.58 0.00	69.89 -1.35 0.00	65.04 -1.45 0.00	80.71 -0.10 0.00	77.01 0.27 0.00	77.46 1.28 0.00	79.30 1.72 0.00	59.74 1.34 0.00	52.33 1.64 0.00
LI_NEWBRDGE___DRP 323616	51.14 1.55 1.29	44.36 1.56 0.00	41.00 1.61 0.00	33.63 1.34 0.00	42.11 1.67 0.00	43.59 1.32 0.00	46.39 1.24 0.00	10.09 1.21 39.81	9.34 1.08 39.81	9.21 0.97 42.23	42.38 1.03 7.89	42.61 0.64 10.23	42.66 0.71 16.44	41.16 1.36 37.93	43.16 1.70 40.48	50.18 2.25 23.26	45.15 2.97 29.06	43.54 2.62 25.57	42.39 2.42 40.85	40.21 1.87 38.40	13.32 1.44 64.30	17.59 1.09 61.08	12.93 0.96 46.42	15.09 0.70 36.30
LOCKPORT_115KV_TB60_63_64 80432	50.41 -0.47 0.00	41.97 -0.83 0.00	38.51 -0.88 0.00	31.36 -0.93 0.00	39.23 -1.21 0.00	41.38 -0.89 0.00	44.42 -0.73 0.00	47.13 -1.56 0.00	46.72 -1.34 0.00	50.24 -0.24 0.00	50.18 0.94 0.00	54.27 2.06 0.00	61.33 2.93 0.00	82.25 4.51 0.00	86.42 4.48 0.00	75.08 3.88 0.00	76.16 4.92 0.00	71.41 4.93 0.00	85.65 4.83 0.00	81.50 4.77 0.00	79.85 3.67 0.00	80.75 3.17 0.00	62.27 3.88 0.00	54.16 3.48 0.00
LOCKPORT___CC1 323769	50.21 -0.67 0.00	41.82 -0.99 0.00	38.37 -1.03 0.00	31.25 -1.03 0.00	39.09 -1.35 0.00	41.25 -1.03 0.00	44.26 -0.89 0.00	46.99 -1.70 0.00	46.62 -1.44 0.00	50.13 -0.35 0.00	50.06 0.83 0.00	54.14 1.93 0.00	61.18 2.78 0.00	82.13 4.39 0.00	86.26 4.32 0.00	74.88 3.68 0.00	75.98 4.75 0.00	71.19 4.71 0.00	85.35 4.54 0.00	81.23 4.49 0.00	79.58 3.39 0.00	80.49 2.91 0.00	62.07 3.68 0.00	53.96 3.27 0.00
LOCKPORT___CC2 323770	50.21 -0.67 0.00	41.82 -0.99 0.00	38.37 -1.03 0.00	31.25 -1.03 0.00	39.09 -1.35 0.00	41.25 -1.03 0.00	44.26 -0.89 0.00	46.99 -1.70 0.00	46.62 -1.44 0.00	50.13 -0.35 0.00	50.06 0.83 0.00	54.14 1.93 0.00	61.18 2.78 0.00	82.13 4.39 0.00	86.26 4.32 0.00	74.88 3.68 0.00	75.98 4.75 0.00	71.19 4.71 0.00	85.35 4.54 0.00	81.23 4.49 0.00	79.58 3.39 0.00	80.49 2.91 0.00	62.07 3.68 0.00	53.96 3.27 0.00
LOCKPORT___CC3 323771	50.21 -0.67 0.00	41.82 -0.99 0.00	38.37 -1.03 0.00	31.25 -1.03 0.00	39.09 -1.35 0.00	41.25 -1.03 0.00	44.26 -0.89 0.00	46.99 -1.70 0.00	46.62 -1.44 0.00	50.13 -0.35 0.00	50.06 0.83 0.00	54.14 1.93 0.00	61.18 2.78 0.00	82.13 4.39 0.00	86.26 4.32 0.00	74.88 3.68 0.00	75.98 4.75 0.00	71.19 4.71 0.00	85.35 4.54 0.00	81.23 4.49 0.00	79.58 3.39 0.00	80.49 2.91 0.00	62.07 3.68 0.00	53.96 3.27 0.00
LOCUSVLY_69_KV_BK2 55797	53.45 2.34 -0.24	44.98 2.18 0.00	41.50 2.10 0.00	34.02 1.74 0.00	42.56 2.12 0.00	44.09 1.81 0.00	46.99 1.84 0.00	32.72 1.93 17.89	32.00 1.84 17.91	33.42 1.79 18.84	47.66 1.87 3.44	49.32 1.57 4.46	53.00 1.74 7.14	66.29 2.85 14.30	68.41 3.28 16.81	64.92 3.69 9.97	63.15 4.36 12.45	59.29 3.94 11.13	67.00 3.98 17.79	63.47 3.45 16.72	51.00 2.99 28.18	56.83 2.58 23.33	46.64 2.05 13.80	36.45 1.57 15.81
LONG_LAKE_PHOENIX 24014	49.94 -0.94 0.00	41.98 -0.82 0.00	38.66 -0.74 0.00	31.71 -0.57 0.00	39.71 -0.73 0.00	41.76 -0.73 -0.21	49.45 -0.76 -5.06	51.73 -0.88 -3.92	51.47 -0.90 -4.30	54.88 -0.78 -5.19	54.92 -0.58 -6.27	58.96 -0.41 -7.16	67.10 -0.28 -8.98	91.98 -0.19 -14.43	97.28 -0.26 -15.60	83.85 0.05 -12.60	84.23 0.30 -12.70	78.38 0.51 -11.38	96.81 0.56 -15.44	91.60 0.58 -14.29	90.55 0.29 -14.07	92.15 0.15 -14.42	67.68 0.24 -9.05	56.49 -0.04 -5.84
LOVETT___3 23632	52.54 1.66 0.00	44.35 1.54 0.00	40.82 1.42 0.00	33.49 1.20 0.00	41.83 1.39 0.00	43.55 1.27 0.00	46.55 1.41 0.00	50.33 1.65 0.00	49.65 1.58 0.00	51.96 1.49 0.00	50.61 1.37 0.00	53.26 1.04 0.00	59.59 1.19 0.00	82.97 2.02 -3.21	85.09 2.26 -0.89	74.11 2.92 0.00	74.82 3.58 0.00	69.83 3.34 0.00	84.16 3.34 0.00	79.51 2.77 0.00	78.54 2.36 0.00	79.59 2.01 0.00	60.24 1.85 0.00	52.06 1.38 0.00
LOVETT___4 23642	52.54 1.66 0.00	44.35 1.54 0.00	40.82 1.42 0.00	33.49 1.20 0.00	41.83 1.39 0.00	43.55 1.27 0.00	46.55 1.41 0.00	50.33 1.65 0.00	49.65 1.58 0.00	51.96 1.49 0.00	50.61 1.37 0.00	53.26 1.04 0.00	59.59 1.19 0.00	82.97 2.02 -3.21	85.09 2.26 -0.89	74.11 2.92 0.00	74.82 3.58 0.00	69.83 3.34 0.00	84.16 3.34 0.00	79.51 2.77 0.00	78.54 2.36 0.00	79.59 2.01 0.00	60.24 1.85 0.00	52.06 1.38 0.00
LOVETT___5 23593	52.54 1.66 0.00	44.35 1.54 0.00	40.82 1.42 0.00	33.49 1.20 0.00	41.83 1.39 0.00	43.55 1.27 0.00	46.55 1.41 0.00	50.33 1.65 0.00	49.65 1.58 0.00	51.96 1.49 0.00	50.61 1.37 0.00	53.26 1.04 0.00	59.59 1.19 0.00	82.97 2.02 -3.21	85.09 2.26 -0.89	74.11 2.92 0.00	74.82 3.58 0.00	69.83 3.34 0.00	84.16 3.34 0.00	79.51 2.77 0.00	78.54 2.36 0.00	79.59 2.01 0.00	60.24 1.85 0.00	52.06 1.38 0.00
LOWER RAQUET___HYD 24057	52.17 1.29 0.00	43.78 0.98 0.00	40.24 0.84 0.00	32.77 0.49 0.00	41.10 0.66 0.00	43.20 0.93 0.00	46.42 1.27 0.00	49.82 1.13 0.00	49.06 0.99 0.00	51.24 0.77 0.00	49.99 0.75 0.00	53.12 0.91 0.00	59.35 0.95 0.00	78.81 1.07 0.00	82.39 0.45 0.00	70.11 -1.08 0.00	69.33 -1.91 0.00	64.54 -1.94 0.00	79.58 -1.23 0.00	75.75 -0.98 0.00	75.92 -0.27 0.00	77.69 0.11 0.00	58.74 0.35 0.00	51.54 0.86 0.00
LOWER___HUDSON 24059	52.17 1.29 0.00	43.90 1.10 0.00	40.32 0.93 0.00	33.24 0.96 0.00	41.67 1.23 0.00	43.36 1.08 0.00	46.22 1.08 0.00	50.06 1.37 0.00	49.37 1.31 0.00	51.60 1.13 0.00	50.10 0.86 0.00	52.80 0.59 0.00	58.71 0.31 0.00	74.11 0.36 3.98	81.38 0.54 1.10	72.54 1.35 0.00	72.83 1.59 0.00	67.91 1.43 0.00	82.24 1.43 0.00	78.17 1.43 0.00	77.55 1.37 0.00	78.90 1.32 0.00	59.61 1.22 0.00	51.31 0.62 0.00
LOWVILLE_115KV_TB2 356335	53.46 2.59 0.00	44.79 1.99 0.00	41.16 1.76 0.00	33.62 1.33 0.00	42.16 1.71 0.00	44.26 1.95 -0.04	48.30 2.31 -0.84	51.65 2.30 -0.65	50.82 2.04 -0.72	53.08 1.74 -0.87	52.02 1.74 -1.05	55.32 1.91 -1.19	62.32 2.42 -1.50	83.23 3.09 -2.40	87.71 3.18 -2.60	75.83 2.53 -2.10	75.95 2.60 -2.11	70.58 2.20 -1.89	86.93 3.55 -2.56	82.89 3.78 -2.37	82.58 4.06 -2.34	84.86 4.88 -2.40	63.76 3.87 -1.50	54.67 3.01 -0.97
LUTHERFT_115KV_GLOB_FND_222 355753	53.48 2.60 0.00	44.93 2.13 0.00	41.28 1.88 0.00	33.95 1.67 0.00	42.64 2.20 0.00	44.37 2.10 0.00	47.35 2.20 0.00	51.24 2.55 0.00	50.53 2.46 0.00	52.76 2.29 0.00	51.19 1.95 0.00	54.07 1.86 0.00	60.18 1.78 0.00	77.07 2.42 3.08	83.87 2.78 0.85	74.40 3.20 0.00	74.87 3.63 0.00	69.82 3.34 0.00	84.75 3.93 0.00	80.59 3.85 0.00	79.79 3.60 0.00	80.98 3.39 0.00	61.05 2.66 0.00	52.51 1.82 0.00

LUTHERNY_35_KV_BK2 355980	53.50 2.62 0.00	44.95 2.15 0.00	41.32 1.93 0.00	33.95 1.67 0.00	42.69 2.25 0.00	44.41 2.14 0.00	47.39 2.24 0.00	51.29 2.60 0.00	50.54 2.47 0.00	52.79 2.32 0.00	51.23 1.99 0.00	54.16 1.95 0.00	60.26 1.87 0.00	77.16 2.51 3.08	83.93 2.85 0.85	74.39 3.19 0.00	74.93 3.69 0.00	69.90 3.41 0.00	84.93 4.12 0.00	80.65 3.92 0.00	79.89 3.71 0.00	81.06 3.48 0.00	61.08 2.69 0.00	52.53 1.84 0.00
LWR___OSWEGATCHIE_HYD 23850	52.74 1.86 0.00	44.19 1.39 0.00	40.61 1.21 0.00	33.12 0.84 0.00	41.53 1.09 0.00	43.65 1.34 -0.03	47.61 1.69 -0.77	50.84 1.55 -0.60	50.08 1.36 -0.65	52.37 1.11 -0.79	51.32 1.13 -0.95	54.57 1.28 -1.09	61.24 1.48 -1.36	81.74 1.81 -2.19	85.79 1.49 -2.37	73.52 0.41 -1.91	73.23 0.07 -1.92	68.16 -0.05 -1.73	84.15 1.00 -2.34	80.15 1.25 -2.16	80.10 1.79 -2.13	82.19 2.43 -2.19	61.84 2.07 -1.37	53.42 1.85 -0.88
LYONS_FALL_HYD 23570	53.01 2.13 0.00	44.45 1.65 0.00	40.86 1.47 0.00	33.40 1.12 0.00	41.87 1.43 0.00	43.90 1.60 -0.02	47.60 1.92 -0.54	51.06 1.95 -0.42	50.29 1.77 -0.46	52.59 1.57 -0.55	51.49 1.58 -0.67	54.76 1.78 -0.76	61.55 2.19 -0.96	82.06 2.78 -1.54	86.57 2.96 -1.67	75.10 2.56 -1.34	75.36 2.78 -1.35	70.16 2.47 -1.21	86.02 3.57 -1.63	81.94 3.69 -1.51	81.48 3.81 -1.49	83.37 4.26 -1.53	62.67 3.32 -0.96	53.83 2.53 -0.62
MADISON___COUNTY_LFGE 323628	52.54 1.66 0.00	44.11 1.30 0.00	40.55 1.15 0.00	33.19 0.91 0.00	41.60 1.15 0.00	43.56 1.28 0.00	46.80 1.66 0.00	50.40 1.71 0.00	49.63 1.56 0.00	51.90 1.42 0.00	50.75 1.51 0.00	54.02 1.81 0.00	60.66 2.26 0.00	80.66 2.92 0.00	85.24 3.30 0.00	74.33 3.13 0.00	74.90 3.66 0.00	69.77 3.29 0.00	85.00 4.19 0.00	81.02 4.28 0.00	80.29 4.11 0.00	81.68 4.10 0.00	61.48 3.09 0.00	52.93 2.24 0.00
MALONE___115KV_TB1 356076	51.94 1.06 0.00	43.55 0.75 0.00	40.04 0.65 0.00	32.64 0.35 0.00	40.92 0.47 0.00	42.98 0.71 0.00	46.11 0.97 0.00	49.56 0.87 0.00	48.91 0.84 0.00	51.16 0.69 0.00	49.87 0.63 0.00	53.09 0.88 0.00	59.32 0.92 0.00	78.89 1.15 0.00	82.82 0.89 0.00	70.87 -0.32 0.00	70.26 -0.98 0.00	65.49 -1.00 0.00	80.44 -0.37 0.00	76.61 -0.13 0.00	76.50 0.32 0.00	77.98 0.39 0.00	58.57 0.18 0.00	51.33 0.64 0.00
MAPLEWOD_115KV_TB3 80458	51.69 0.81 0.00	43.56 0.76 0.00	40.05 0.65 0.00	33.02 0.73 0.00	41.35 0.91 0.00	43.04 0.76 0.00	45.88 0.74 0.00	49.66 0.97 0.00	49.02 0.95 0.00	51.27 0.79 0.00	49.84 0.60 0.00	52.51 0.30 0.00	58.41 0.01 0.00	74.80 0.02 2.97	81.33 0.21 0.82	72.24 1.04 0.00	72.58 1.34 0.00	67.73 1.25 0.00	82.03 1.22 0.00	77.90 1.17 0.00	77.20 1.01 0.00	78.54 0.96 0.00	59.29 0.90 0.00	51.05 0.36 0.00
MAPLE_RIDGE_WT_1 323574	50.94 0.06 0.00	42.84 0.04 0.00	39.43 0.04 0.00	32.28 0.00 0.00	40.44 0.00 0.00	42.32 0.04 0.00	45.21 0.06 0.00	48.74 0.05 0.00	48.11 0.05 0.00	50.51 0.03 0.00	49.22 -0.02 0.00	52.21 0.00 0.00	58.39 0.00 0.00	77.71 -0.03 0.00	81.85 -0.09 0.00	70.96 -0.23 0.00	70.85 -0.39 0.00	66.09 -0.39 0.00	80.47 -0.35 0.00	76.41 -0.33 0.00	75.63 -0.55 0.00	76.99 -0.59 0.00	58.11 -0.28 0.00	50.59 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	50.94 0.06 0.00	42.84 0.04 0.00	39.43 0.04 0.00	32.28 0.00 0.00	40.44 0.00 0.00	42.32 0.04 0.00	45.21 0.06 0.00	48.74 0.05 0.00	48.11 0.05 0.00	50.51 0.03 0.00	49.22 -0.02 0.00	52.21 0.00 0.00	58.39 0.00 0.00	77.71 -0.03 0.00	81.85 -0.09 0.00	70.96 -0.23 0.00	70.85 -0.39 0.00	66.09 -0.39 0.00	80.47 -0.35 0.00	76.41 -0.33 0.00	75.63 -0.55 0.00	76.99 -0.59 0.00	58.11 -0.28 0.00	50.59 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	51.14 0.26 0.00	42.95 0.15 0.00	39.52 0.12 0.00	32.26 -0.03 0.00	40.42 -0.02 0.00	42.43 0.16 0.00	45.43 0.28 0.00	48.78 0.09 0.00	48.14 0.08 0.00	50.35 -0.12 0.00	49.09 -0.15 0.00	52.30 0.09 0.00	58.47 0.07 0.00	77.74 0.01 0.00	81.79 -0.15 0.00	70.14 -1.06 0.00	69.57 -1.67 0.00	64.84 -1.64 0.00	79.33 -1.48 0.00	75.38 -1.36 0.00	75.13 -1.05 0.00	76.47 -1.12 0.00	57.41 -0.98 0.00	50.41 -0.28 0.00
MARSHVLE_115KV_TB1 80742	54.30 3.42 0.00	45.53 2.73 0.00	41.83 2.44 0.00	34.18 1.90 0.00	42.83 2.38 0.00	44.85 2.57 0.00	47.94 2.80 0.00	51.52 2.83 0.00	50.44 2.38 0.00	52.71 2.23 0.00	51.17 1.93 0.00	54.46 2.25 0.00	61.27 2.87 0.00	79.85 3.90 1.79	86.08 4.64 0.49	75.39 4.20 0.00	75.55 4.31 0.00	70.13 3.65 0.00	86.67 5.86 0.00	83.42 6.68 0.00	82.83 6.64 0.00	84.33 6.75 0.00	63.48 5.09 0.00	55.01 4.32 0.00
MARSH_HILL_WT_PWR 323713	51.94 1.06 0.00	43.44 0.64 0.00	39.92 0.53 0.00	32.54 0.26 0.00	40.76 0.32 0.00	42.88 0.60 0.00	45.83 0.69 0.00	48.95 0.26 0.00	48.09 0.03 0.00	51.32 0.84 0.00	50.42 1.19 0.00	54.18 1.97 0.00	61.37 2.97 0.00	82.26 4.52 0.00	86.28 4.34 0.00	75.63 4.43 0.00	76.67 5.43 0.00	71.76 5.28 0.00	86.46 5.65 0.00	83.10 6.37 0.00	81.70 5.52 0.00	82.93 5.35 0.00	63.05 4.66 0.00	54.21 3.52 0.00
MCINTYRE_115KV_TB2 80467	53.14 2.26 0.00	44.58 1.78 0.00	40.96 1.56 0.00	33.33 1.05 0.00	41.82 1.38 0.00	43.98 1.71 0.00	47.26 2.11 0.00	50.56 1.87 0.00	49.49 1.42 0.00	51.63 1.16 0.00	50.26 1.02 0.00	53.44 1.23 0.00	59.66 1.26 0.00	79.53 1.80 0.00	83.11 1.18 0.00	70.84 -0.36 0.00	70.11 -1.13 0.00	65.20 -1.28 0.00	81.34 0.52 0.00	77.45 0.71 0.00	78.05 1.87 0.00	79.89 2.31 0.00	59.98 1.59 0.00	52.51 1.82 0.00
MECO_____69_KV_BK1 80468	54.77 3.89 0.00	45.92 3.12 0.00	42.15 2.75 0.00	34.51 2.23 0.00	43.29 2.85 0.00	45.23 2.95 0.00	48.31 3.16 0.00	51.97 3.28 0.00	50.70 2.64 0.00	52.64 2.17 0.00	50.65 1.41 0.00	53.69 1.48 0.00	60.10 1.71 0.00	78.07 2.31 1.98	84.46 3.07 0.55	74.42 3.23 0.00	75.23 3.99 0.00	69.97 3.48 0.00	87.50 6.68 0.00	84.14 7.40 0.00	83.53 7.34 0.00	84.96 7.38 0.00	63.93 5.54 0.00	55.15 4.46 0.00
MENANDS___115KV_TB5 355628	51.18 0.30 0.00	43.18 0.38 0.00	39.72 0.32 0.00	32.76 0.48 0.00	41.03 0.58 0.00	42.70 0.42 0.00	45.50 0.35 0.00	49.27 0.58 0.00	48.62 0.55 0.00	50.86 0.39 0.00	49.43 0.19 0.00	52.04 -0.17 0.00	57.90 -0.50 0.00	74.07 -0.71 2.95	80.51 -0.61 0.82	71.51 0.31 0.00	71.81 0.57 0.00	66.97 0.48 0.00	81.05 0.24 0.00	76.92 0.19 0.00	76.26 0.08 0.00	77.60 0.02 0.00	58.62 0.23 0.00	50.50 -0.19 0.00
MG INDUSTRY___DRP 24185	50.44 -0.44 0.00	43.14 0.34 0.00	39.80 0.41 0.00	32.81 0.53 0.00	41.10 0.66 0.00	42.80 0.52 0.00	45.59 0.44 0.00	49.26 0.57 0.00	48.55 0.49 0.00	50.76 0.28 0.00	49.29 0.06 0.00	51.84 -0.38 0.00	57.15 -1.25 1.63	73.56 -2.55 0.00	78.89 -2.60 0.45	69.63 -1.57 0.00	69.94 -1.30 0.00	65.29 -1.19 0.00	79.17 -1.65 0.00	75.22 -1.51 0.00	74.67 -1.52 0.00	76.05 -1.53 0.00	57.46 -0.93 0.00	49.57 -1.11 0.00

MID___OSWEGATCHIE_HYD 23849	52.74 1.86 0.00	44.19 1.39 0.00	40.61 1.21 0.00	33.12 0.84 0.00	41.53 1.09 0.00	43.65 1.34 -0.03	47.61 1.69 -0.77	50.84 1.55 -0.60	50.08 1.36 -0.65	52.37 1.11 -0.79	51.32 1.13 -0.95	54.57 1.28 -1.09	61.24 1.48 -1.36	81.74 1.81 -2.19	85.79 1.49 -2.37	73.52 0.41 -1.91	73.23 0.07 -1.92	68.16 -0.05 -1.73	84.15 1.00 -2.34	80.15 1.25 -2.16	80.10 1.79 -2.13	82.19 2.43 -2.19	61.84 2.07 -1.37	53.42 1.85 -0.88
MID___RAQUETTE_HYD 23851	52.17 1.29 0.00	43.78 0.98 0.00	40.24 0.84 0.00	32.77 0.49 0.00	41.10 0.66 0.00	43.20 0.92 0.00	46.42 1.27 0.00	49.82 1.13 0.00	49.06 0.99 0.00	51.24 0.77 0.00	49.99 0.75 0.00	53.12 0.91 0.00	59.36 0.96 0.00	78.81 1.07 0.00	82.40 0.46 0.00	70.12 -1.08 0.00	69.33 -1.91 0.00	64.54 -1.94 0.00	79.58 -1.24 0.00	75.75 -0.98 0.00	75.92 -0.27 0.00	77.69 0.11 0.00	58.74 0.35 0.00	51.54 0.86 0.00
MILLIKEN___1 23584	51.84 0.96 0.00	43.49 0.69 0.00	40.03 0.63 0.00	32.77 0.49 0.00	41.08 0.64 0.00	43.03 0.73 -0.02	46.42 0.69 -0.58	49.82 0.68 -0.45	49.10 0.55 -0.49	51.66 0.60 -0.59	50.73 0.78 -0.71	54.13 1.11 -0.81	60.87 1.45 -1.02	81.94 2.56 -1.64	86.44 2.73 -1.78	74.96 2.33 -1.44	75.51 2.82 -1.46	71.02 3.23 -1.31	86.60 4.02 -1.77	82.34 3.96 -1.64	81.41 3.61 -1.61	82.86 3.63 -1.65	62.26 2.83 -1.04	53.36 1.99 -0.68
MILLIKEN___2 23585	51.84 0.96 0.00	43.49 0.69 0.00	40.03 0.63 0.00	32.77 0.49 0.00	41.08 0.64 0.00	43.03 0.73 -0.02	46.42 0.69 -0.58	49.82 0.68 -0.45	49.10 0.55 -0.49	51.66 0.60 -0.59	50.73 0.78 -0.71	54.13 1.11 -0.81	60.87 1.45 -1.02	81.94 2.56 -1.64	86.44 2.73 -1.78	74.96 2.33 -1.44	75.51 2.82 -1.46	71.02 3.23 -1.31	86.60 4.02 -1.77	82.34 3.96 -1.64	81.41 3.61 -1.61	82.86 3.63 -1.65	62.26 2.83 -1.04	53.36 1.99 -0.68
MILLIKEN___DIESEL 23629	51.84 0.96 0.00	43.49 0.69 0.00	40.03 0.63 0.00	32.77 0.49 0.00	41.08 0.64 0.00	43.03 0.73 -0.02	46.42 0.69 -0.58	49.82 0.68 -0.45	49.10 0.55 -0.49	51.66 0.60 -0.59	50.73 0.78 -0.71	54.13 1.11 -0.81	60.87 1.45 -1.02	81.94 2.56 -1.64	86.44 2.73 -1.78	74.96 2.33 -1.44	75.51 2.82 -1.46	71.02 3.23 -1.31	86.60 4.02 -1.77	82.34 3.96 -1.64	81.41 3.61 -1.61	82.86 3.63 -1.65	62.26 2.83 -1.04	53.36 1.99 -0.68
MILLSEAT___LFGE 323607	51.50 0.62 0.00	42.84 0.04 0.00	39.30 -0.09 0.00	32.01 -0.27 0.00	40.07 -0.37 0.00	42.26 -0.01 0.00	45.43 0.29 0.00	48.36 -0.33 0.00	47.88 -0.18 0.00	51.28 0.80 0.00	51.07 1.83 0.00	55.20 2.99 0.00	62.40 4.00 0.00	83.89 6.15 0.00	88.32 6.39 0.00	76.69 5.49 0.00	77.61 6.37 0.00	72.83 6.35 0.00	87.60 6.78 0.00	83.62 6.89 0.00	82.06 5.88 0.00	82.97 5.38 0.00	63.68 5.29 0.00	55.17 4.48 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.73 1.85 0.00	44.51 1.71 0.00	40.95 1.56 0.00	33.60 1.31 0.00	41.97 1.53 0.00	43.69 1.42 0.00	46.71 1.56 0.00	50.48 1.80 0.00	49.81 1.75 0.00	52.12 1.64 0.00	50.76 1.53 0.00	53.39 1.18 0.00	59.74 1.34 0.00	83.29 2.18 -3.37	85.29 2.43 -0.93	74.28 3.09 0.00	74.97 3.73 0.00	69.94 3.45 0.00	84.29 3.47 0.00	79.63 2.89 0.00	78.68 2.50 0.00	79.74 2.16 0.00	60.34 1.95 0.00	52.16 1.47 0.00
MILLWOOD_13_KV_LOAD 356217	52.86 1.98 0.00	44.60 1.80 0.00	41.03 1.63 0.00	33.65 1.37 0.00	42.05 1.60 0.00	43.77 1.50 0.00	46.80 1.65 0.00	50.58 1.89 0.00	49.92 1.86 0.00	52.23 1.75 0.00	50.87 1.63 0.00	53.53 1.32 0.00	59.89 1.49 0.00	83.49 2.38 -3.37	85.53 2.66 -0.93	74.47 3.28 0.00	75.17 3.93 0.00	70.12 3.64 0.00	84.52 3.70 0.00	79.85 3.12 0.00	78.89 2.70 0.00	79.93 2.35 0.00	60.49 2.09 0.00	52.28 1.60 0.00
MODEL_CITY_ENERGY 24167	50.10 -0.78 0.00	41.72 -1.08 0.00	38.29 -1.10 0.00	31.19 -1.09 0.00	39.02 -1.43 0.00	41.17 -1.11 0.00	44.17 -0.98 0.00	46.81 -1.88 0.00	46.35 -1.71 0.00	49.83 -0.65 0.00	49.77 0.54 0.00	53.84 1.63 0.00	60.82 2.42 0.00	81.64 3.90 0.00	85.69 3.76 0.00	74.44 3.24 0.00	75.55 4.31 0.00	70.77 4.28 0.00	84.81 4.00 0.00	80.68 3.94 0.00	79.04 2.86 0.00	79.92 2.34 0.00	61.76 3.37 0.00	53.83 3.14 0.00
MODERN_LFGE___ 323580	50.10 -0.78 0.00	41.72 -1.08 0.00	38.29 -1.10 0.00	31.19 -1.09 0.00	39.02 -1.43 0.00	41.17 -1.11 0.00	44.17 -0.98 0.00	46.81 -1.88 0.00	46.35 -1.71 0.00	49.83 -0.65 0.00	49.77 0.54 0.00	53.84 1.63 0.00	60.82 2.42 0.00	81.64 3.90 0.00	85.69 3.76 0.00	74.44 3.24 0.00	75.55 4.31 0.00	70.77 4.28 0.00	84.81 4.00 0.00	80.68 3.94 0.00	79.04 2.86 0.00	79.92 2.34 0.00	61.76 3.37 0.00	53.83 3.14 0.00
MOHAWK_PAPER___DRP 24187	51.69 0.81 0.00	43.56 0.76 0.00	40.05 0.65 0.00	33.02 0.73 0.00	41.35 0.91 0.00	43.04 0.76 0.00	45.88 0.74 0.00	49.66 0.97 0.00	49.02 0.95 0.00	51.27 0.79 0.00	49.84 0.60 0.00	52.51 0.30 0.00	58.41 0.01 0.00	74.80 0.02 2.97	81.33 0.21 0.82	72.24 1.04 0.00	72.58 1.34 0.00	67.73 1.25 0.00	82.03 1.22 0.00	77.90 1.17 0.00	77.20 1.01 0.00	78.54 0.96 0.00	59.29 0.90 0.00	51.05 0.36 0.00
MOHICAN___35_KV_115KV_LD 80490	54.79 3.91 0.00	45.94 3.13 0.00	42.10 2.71 0.00	34.67 2.38 0.00	43.66 3.21 0.00	45.34 3.06 0.00	48.43 3.28 0.00	52.49 3.80 0.00	51.77 3.70 0.00	53.98 3.51 0.00	52.17 2.93 0.00	54.99 2.78 0.00	61.12 2.72 0.00	78.46 3.74 3.02	85.56 4.46 0.84	75.83 4.64 0.00	76.41 5.17 0.00	71.00 4.52 0.00	86.14 5.33 0.00	81.96 5.23 0.00	81.03 4.85 0.00	81.94 4.36 0.00	61.77 3.38 0.00	52.98 2.29 0.00
MONGAUP___HYD 23641	53.16 2.27 0.00	44.73 1.93 0.00	41.13 1.73 0.00	33.74 1.46 0.00	42.17 1.73 0.00	43.94 1.66 0.00	46.94 1.80 0.00	50.74 2.05 0.00	50.01 1.95 0.00	52.15 1.68 0.00	50.75 1.51 0.00	53.32 1.11 0.00	59.70 1.31 0.00	82.33 1.77 -2.82	85.19 2.47 -0.78	74.07 2.87 0.00	73.72 2.49 0.00	69.08 2.60 0.00	84.65 3.84 0.00	80.92 4.18 0.00	80.20 4.01 0.00	81.34 3.76 0.00	61.38 2.99 0.00	52.86 2.18 0.00
MONTAUK___DIESEL 23721	54.43 4.53 0.98	46.78 3.98 0.00	43.24 3.85 0.00	35.05 2.77 0.00	44.35 3.90 0.00	45.60 3.33 0.00	47.00 1.85 0.00	13.35 1.41 36.76	13.48 2.18 36.76	14.42 2.91 38.96	45.34 3.36 7.26	45.73 2.94 9.41	46.86 3.57 15.10	48.99 5.61 34.36	52.41 7.38 36.91	57.32 7.30 21.18	53.04 7.76 25.96	50.04 7.07 23.52	50.78 7.54 37.57	48.44 7.02 35.32	23.06 6.06 59.19	27.67 5.40 55.32	21.52 4.13 41.00	20.60 3.31 33.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.97 1.09 0.00	43.30 0.49 0.00	39.72 0.33 0.00	32.04 -0.25 0.00	40.03 -0.42 0.00	42.40 0.12 0.00	45.54 0.39 0.00	49.22 0.53 0.00	48.96 0.90 0.00	52.42 1.95 0.00	52.07 2.83 0.00	56.29 4.08 0.00	63.63 5.23 0.00	85.46 7.72 0.00	89.91 7.97 0.00	78.01 6.81 0.00	78.98 7.74 0.00	74.10 7.61 0.00	88.91 8.10 0.00	84.74 8.01 0.00	83.02 6.83 0.00	84.04 6.46 0.00	64.35 5.97 0.00	55.21 4.52 0.00

MORRIS_RIDGE___SOLAR 323848	51.06 0.18 0.00	42.68 -0.12 0.00	39.20 -0.20 0.00	31.95 -0.33 0.00	40.02 -0.43 0.00	42.11 -0.16 0.00	44.99 -0.15 0.00	48.03 -0.67 0.00	47.25 -0.81 0.00	50.58 0.11 0.00	49.66 0.42 0.00	53.36 1.15 0.00	60.47 2.07 0.00	80.98 3.24 0.00	84.80 2.86 0.00	74.36 3.17 0.00	75.77 4.54 0.00	70.51 4.03 0.00	84.90 4.09 0.00	81.66 4.92 0.00	80.26 4.08 0.00	81.46 3.88 0.00	62.16 3.76 0.00	53.58 2.89 0.00
MORTIMER_115KV_TB3 55949	51.07 0.19 0.00	42.66 -0.14 0.00	39.18 -0.22 0.00	31.99 -0.29 0.00	40.06 -0.38 0.00	42.12 -0.16 0.00	45.20 0.06 0.00	48.45 -0.24 0.00	48.10 0.04 0.00	51.29 0.81 0.00	50.85 1.61 0.00	54.69 2.48 0.00	61.66 3.26 0.00	82.53 4.80 0.00	86.79 4.85 0.00	75.52 4.33 0.00	76.50 5.27 0.00	71.72 5.23 0.00	86.54 5.72 0.00	82.13 5.39 0.00	80.62 4.43 0.00	81.58 4.00 0.00	62.08 3.69 0.00	53.61 2.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.07 2.19 0.00	44.85 2.05 0.00	41.26 1.86 0.00	33.84 1.55 0.00	42.25 1.81 0.00	43.99 1.72 0.00	47.03 1.88 0.00	50.82 2.14 0.00	50.16 2.10 0.00	52.45 1.98 0.00	51.10 1.86 0.00	53.69 1.48 0.00	60.06 1.66 0.00	83.75 2.61 -3.40	85.79 2.92 -0.94	74.72 3.52 0.00	75.46 4.23 0.00	70.33 3.84 0.00	84.69 3.88 0.00	79.96 3.22 0.00	78.94 2.76 0.00	79.95 2.37 0.00	60.54 2.15 0.00	52.43 1.75 0.00
MUNSVILLE_WIND_PWR 323609	54.93 4.05 0.00	46.02 3.22 0.00	42.34 2.95 0.00	34.61 2.33 0.00	43.43 2.99 0.00	45.60 3.32 0.00	48.79 3.64 0.00	52.58 3.89 0.00	51.67 3.60 0.00	54.19 3.72 0.00	53.18 3.95 0.00	56.60 4.39 0.00	63.69 5.30 0.00	85.48 7.74 0.00	90.08 8.15 0.00	78.60 7.40 0.00	78.39 7.16 0.00	74.22 7.74 0.00	90.82 10.00 0.00	86.57 9.83 0.00	85.48 9.29 0.00	86.68 9.10 0.00	65.18 6.79 0.00	55.77 5.09 0.00
N SALMON___HYD 24042	51.94 1.06 0.00	43.55 0.75 0.00	40.04 0.64 0.00	32.64 0.35 0.00	40.92 0.47 0.00	42.98 0.70 0.00	46.12 0.97 0.00	49.56 0.87 0.00	48.91 0.84 0.00	51.16 0.69 0.00	49.87 0.63 0.00	53.09 0.88 0.00	59.31 0.91 0.00	78.89 1.15 0.00	82.82 0.89 0.00	70.87 -0.32 0.00	70.26 -0.98 0.00	65.49 -1.00 0.00	80.44 -0.37 0.00	76.61 -0.13 0.00	76.50 0.32 0.00	77.98 0.40 0.00	58.57 0.18 0.00	51.33 0.64 0.00
N.AKRON__115KV_KNAPP 355671	51.20 0.33 0.00	42.63 -0.17 0.00	39.11 -0.29 0.00	31.84 -0.44 0.00	39.85 -0.59 0.00	42.05 -0.22 0.00	45.31 0.16 0.00	48.32 -0.37 0.00	47.68 -0.39 0.00	50.98 0.51 0.00	50.88 1.64 0.00	55.00 2.79 0.00	62.16 3.77 0.00	83.46 5.73 0.00	87.80 5.86 0.00	76.27 5.08 0.00	77.26 6.02 0.00	72.49 6.01 0.00	87.12 6.31 0.00	83.04 6.30 0.00	81.43 5.24 0.00	82.32 4.74 0.00	63.31 4.91 0.00	54.91 4.22 0.00
N.E_GEN_SANDY PD 24062	53.00 0.92 -1.20	44.01 0.87 -0.34	39.86 0.68 0.22	33.05 0.77 0.00	41.36 0.91 0.00	43.02 0.75 0.00	45.29 0.75 0.61	54.60 1.05 -4.86	49.07 1.01 0.00	51.28 0.80 0.00	49.93 0.53 -0.17	52.36 0.11 -0.04	58.18 -0.22 0.00	54.67 -0.36 22.71	75.20 -0.23 6.51	72.28 0.85 -0.23	72.37 1.14 0.00	67.45 0.97 0.00	81.40 0.59 0.00	77.21 0.48 0.00	76.59 0.40 0.00	77.92 0.38 0.03	59.01 0.64 0.03	50.83 0.14 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.73 1.84 0.00	44.48 1.68 0.00	40.92 1.53 0.00	33.57 1.29 0.00	41.93 1.48 0.00	43.65 1.37 0.00	46.68 1.53 0.00	50.47 1.78 0.00	49.79 1.72 0.00	52.13 1.66 0.00	50.77 1.54 0.00	53.46 1.25 0.00	59.88 1.48 0.00	83.34 2.42 -3.18	85.50 2.68 -0.88	74.49 3.30 0.00	75.22 3.98 0.00	70.19 3.71 0.00	84.62 3.81 0.00	79.93 3.19 0.00	78.94 2.75 0.00	79.97 2.38 0.00	60.51 2.12 0.00	52.27 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	53.30 2.41 0.00	45.10 2.30 0.00	41.51 2.12 0.00	34.05 1.77 0.00	42.45 2.00 0.00	44.22 1.94 0.00	47.26 2.11 0.00	51.00 2.31 0.00	50.40 2.33 0.00	52.64 2.17 0.00	51.28 2.04 0.00	53.73 1.51 0.00	60.08 1.63 -0.05	84.36 2.56 -4.06	86.38 2.87 -1.58	75.13 3.50 -0.43	75.97 4.28 -0.45	70.31 3.82 -0.01	84.57 3.76 -0.01	79.88 3.13 -0.01	78.90 2.71 -0.01	79.93 2.34 -0.01	60.60 2.21 -0.01	52.63 1.94 0.00
N.TROY___115KV_TB1 355778	52.18 1.29 0.00	43.90 1.10 0.00	40.32 0.93 0.00	33.24 0.96 0.00	41.67 1.23 0.00	43.36 1.08 0.00	46.22 1.08 0.00	50.06 1.37 0.00	49.38 1.31 0.00	51.60 1.12 0.00	50.10 0.86 0.00	52.80 0.59 0.00	58.71 0.31 0.00	74.11 0.36 3.98	81.39 0.56 1.10	72.54 1.35 0.00	72.83 1.59 0.00	67.91 1.43 0.00	82.24 1.43 0.00	78.17 1.43 0.00	77.55 1.37 0.00	78.90 1.32 0.00	59.62 1.23 0.00	51.31 0.62 0.00
NARROWS_GT1_1 24228	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT1_2 24229	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT1_3 24230	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT1_4 24231	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT1_5 24232	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00

NARROWS_GT1_6 24233	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT1_7 24234	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT1_8 24235	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_1 24236	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_2 24237	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_3 24238	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_4 24239	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_5 24240	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_6 24241	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_7 24242	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NARROWS_GT2_8 24243	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.54 2.40 -3.40	85.63 2.75 -0.93	74.65 3.45 0.00	75.40 4.17 0.01	70.28 3.80 0.01	84.64 3.84 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.89 2.32 0.01	60.57 2.18 0.00	52.61 1.93 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.83 0.95 0.00	43.82 1.01 0.00	40.40 1.00 0.00	33.32 1.04 0.00	41.76 1.32 0.00	43.49 1.22 0.00	46.38 1.24 0.00	50.21 1.52 0.00	49.40 1.34 0.00	51.43 0.95 0.00	49.97 0.73 0.00	52.67 0.46 0.00	58.43 0.03 0.00	76.60 -0.02 1.12	81.79 0.17 0.31	71.83 0.63 0.00	72.37 1.13 0.00	67.70 1.22 0.00	82.77 1.96 0.00	78.50 1.76 0.00	78.04 1.86 0.00	79.45 1.86 0.00	59.81 1.42 0.00	51.39 0.71 0.00
NCHELSEA_115KV_TR2 355582	53.33 2.45 0.00	44.92 2.12 0.00	41.30 1.90 0.00	33.88 1.60 0.00	42.34 1.90 0.00	44.09 1.81 0.00	47.12 1.97 0.00	50.99 2.30 0.00	50.32 2.26 0.00	52.69 2.21 0.00	51.33 2.10 0.00	54.05 1.84 0.00	60.54 2.14 0.00	83.66 3.24 -2.68	86.35 3.67 -0.74	75.38 4.19 0.00	76.04 4.80 0.00	71.01 4.53 0.00	85.67 4.86 0.00	81.00 4.26 0.00	79.88 3.69 0.00	80.92 3.33 0.00	61.16 2.76 0.00	52.72 2.04 0.00
NEG CAPITAL___MECHNVIL 23645	53.48 2.59 0.00	44.93 2.13 0.00	41.26 1.87 0.00	33.95 1.67 0.00	42.62 2.18 0.00	44.35 2.07 0.00	47.33 2.18 0.00	51.20 2.51 0.00	50.53 2.47 0.00	52.81 2.33 0.00	51.28 2.04 0.00	54.17 1.96 0.00	60.27 1.88 0.00	76.90 2.58 3.41	83.92 2.93 0.94	74.65 3.45 0.00	75.08 3.84 0.00	70.03 3.55 0.00	84.98 4.17 0.00	80.81 4.07 0.00	79.99 3.80 0.00	81.14 3.56 0.00	61.17 2.78 0.00	52.59 1.90 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.20 -0.68 0.00	41.96 -0.84 0.00	38.55 -0.84 0.00	31.50 -0.78 0.00	39.45 -0.99 0.00	41.46 -0.84 -0.02	44.97 -0.67 -0.49	48.14 -0.93 -0.38	47.79 -0.69 -0.42	50.87 -0.11 -0.51	50.46 0.62 -0.61	54.24 1.33 -0.70	61.23 1.95 -0.87	82.19 3.04 -1.41	86.44 2.98 -1.52	75.18 2.75 -1.23	76.10 3.62 -1.24	71.28 3.68 -1.11	86.32 3.99 -1.51	81.89 3.76 -1.40	80.43 2.87 -1.38	81.37 2.38 -1.41	61.57 2.29 -0.88	52.94 1.68 -0.57

NEG CENTRAL___DRP 24199	51.04 0.16 0.00	42.83 0.03 0.00	39.38 -0.01 0.00	32.22 -0.06 0.00	40.37 -0.07 0.00	42.35 0.00 -0.07	46.28 -0.57 -1.70	49.38 -0.62 -1.31	48.85 -0.66 -1.44	51.27 -0.95 -1.74	50.73 -0.61 -2.10	54.51 -0.10 -2.40	61.85 0.44 -3.01	83.48 0.90 -4.84	88.20 1.03 -5.23	76.38 0.96 -4.23	77.33 1.83 -4.26	72.42 2.12 -3.82	88.48 2.49 -5.18	83.59 2.05 -4.79	82.42 1.51 -4.72	83.35 0.93 -4.84	62.29 0.81 -3.09	53.69 0.59 -2.41
NEG CENTRAL___INDECK 23768	53.10 2.22 0.00	44.31 1.51 0.00	40.68 1.29 0.00	33.19 0.91 0.00	41.58 1.14 0.00	43.70 1.43 0.00	46.74 1.60 0.00	49.15 0.46 0.00	47.77 -0.29 0.00	51.11 0.63 0.00	50.44 1.20 0.00	54.05 1.84 0.00	61.32 2.92 0.00	81.99 4.25 0.00	86.21 4.27 0.00	75.24 4.05 0.00	76.66 5.42 0.00	71.60 5.12 0.00	85.76 4.94 0.00	83.14 6.41 0.00	82.06 5.88 0.00	83.33 5.74 0.00	63.37 4.98 0.00	54.43 3.74 0.00
NEG CENTRAL___SENECA 23627	51.36 0.48 0.00	43.09 0.29 0.00	39.63 0.23 0.00	32.39 0.10 0.00	40.59 0.14 0.00	42.62 0.35 0.00	45.89 0.75 0.00	49.20 0.51 0.00	48.62 0.56 0.00	51.28 0.80 0.00	50.44 1.21 0.00	54.11 1.90 0.00	61.26 2.86 0.00	81.75 4.01 0.00	86.04 4.10 0.00	75.32 4.12 0.00	76.19 4.95 0.00	71.66 5.17 0.00	86.76 5.95 0.00	82.62 5.88 0.00	81.17 4.99 0.00	82.30 4.72 0.00	62.26 3.87 0.00	53.54 2.85 0.00
NEG CENTRAL___STATE_STREET 24147	51.24 0.36 0.00	43.02 0.22 0.00	39.60 0.20 0.00	32.42 0.14 0.00	40.64 0.19 0.00	42.61 0.26 -0.07	46.82 -0.02 -1.70	50.02 0.02 -1.31	49.48 -0.03 -1.44	52.26 0.04 -1.74	51.70 0.36 -2.10	55.36 0.75 -2.40	62.39 0.98 -3.01	84.18 1.60 -4.84	88.93 1.75 -5.23	77.08 1.66 -4.23	77.91 2.41 -4.26	72.74 2.44 -3.82	88.76 2.76 -5.18	84.40 2.87 -4.79	83.30 2.39 -4.72	84.86 2.44 -4.84	63.40 1.96 -3.05	54.15 1.42 -2.05
NEG MILLWOOD___DRP 24198	53.42 2.53 0.00	45.01 2.21 0.00	41.37 1.98 0.00	33.94 1.66 0.00	42.41 1.97 0.00	44.16 1.89 0.00	47.21 2.06 0.00	51.10 2.40 0.00	50.43 2.36 0.00	52.74 2.26 0.00	51.38 2.14 0.00	54.10 1.89 0.00	60.54 2.15 0.00	84.14 3.40 -3.00	86.62 3.85 -0.83	75.56 4.37 0.00	76.24 5.00 0.00	71.19 4.70 0.00	85.85 5.03 0.00	81.13 4.40 0.00	80.03 3.84 0.00	81.07 3.48 0.00	61.23 2.84 0.00	52.82 2.13 0.00
NEG NORTH_FLCN_SEA 23793	51.14 0.26 0.00	42.93 0.13 0.00	39.50 0.11 0.00	32.22 -0.06 0.00	40.39 -0.05 0.00	42.40 0.12 0.00	45.40 0.25 0.00	48.61 -0.08 0.00	47.90 -0.16 0.00	49.84 -0.64 0.00	48.65 -0.59 0.00	52.07 -0.14 0.00	58.22 -0.17 0.00	77.42 -0.32 0.00	81.47 -0.47 0.00	69.81 -1.39 0.00	69.24 -2.00 0.00	64.54 -1.94 0.00	78.99 -1.83 0.00	75.07 -1.67 0.00	74.79 -1.40 0.00	76.14 -1.44 0.00	57.15 -1.25 0.00	50.37 -0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	51.28 0.40 0.00	43.06 0.26 0.00	39.62 0.23 0.00	32.33 0.04 0.00	40.52 0.07 0.00	42.52 0.25 0.00	45.56 0.41 0.00	48.88 0.19 0.00	48.21 0.14 0.00	50.46 -0.01 0.00	49.16 -0.07 0.00	52.35 0.14 0.00	58.53 0.13 0.00	77.81 0.07 0.00	81.83 -0.10 0.00	70.13 -1.07 0.00	69.53 -1.71 0.00	64.78 -1.71 0.00	79.29 -1.52 0.00	75.51 -1.23 0.00	75.35 -0.84 0.00	76.76 -0.82 0.00	57.57 -0.82 0.00	50.53 -0.16 0.00
NEG NORTH___ALICE_FALLS 23915	51.52 0.64 0.00	43.23 0.43 0.00	39.76 0.36 0.00	32.43 0.14 0.00	40.65 0.21 0.00	42.69 0.41 0.00	45.72 0.57 0.00	49.03 0.34 0.00	48.25 0.18 0.00	50.34 -0.13 0.00	49.11 -0.12 0.00	52.46 0.25 0.00	58.71 0.31 0.00	78.07 0.33 0.00	82.13 0.19 0.00	70.38 -0.81 0.00	69.85 -1.39 0.00	65.16 -1.32 0.00	79.83 -0.98 0.00	76.00 -0.74 0.00	75.72 -0.46 0.00	77.07 -0.51 0.00	57.82 -0.57 0.00	50.81 0.13 0.00
NEG NORTH___LWR_SARANAC 23913	51.52 0.64 0.00	43.23 0.43 0.00	39.76 0.36 0.00	32.43 0.14 0.00	40.65 0.21 0.00	42.69 0.41 0.00	45.72 0.57 0.00	49.03 0.34 0.00	48.25 0.18 0.00	50.34 -0.13 0.00	49.11 -0.12 0.00	52.46 0.25 0.00	58.71 0.31 0.00	78.07 0.33 0.00	82.13 0.19 0.00	70.38 -0.81 0.00	69.85 -1.39 0.00	65.16 -1.32 0.00	79.83 -0.98 0.00	76.00 -0.74 0.00	75.72 -0.46 0.00	77.07 -0.51 0.00	57.82 -0.57 0.00	50.81 0.13 0.00
NEG NORTH___PLATTSBURG 23628	51.52 0.64 0.00	43.23 0.43 0.00	39.76 0.36 0.00	32.43 0.14 0.00	40.65 0.21 0.00	42.69 0.41 0.00	45.72 0.57 0.00	49.03 0.34 0.00	48.25 0.18 0.00	50.34 -0.13 0.00	49.12 -0.12 0.00	52.46 0.25 0.00	58.71 0.32 0.00	78.06 0.33 0.00	82.13 0.20 0.00	70.38 -0.81 0.00	69.85 -1.39 0.00	65.16 -1.32 0.00	79.83 -0.98 0.00	76.00 -0.74 0.00	75.72 -0.46 0.00	77.08 -0.51 0.00	57.81 -0.57 0.00	50.81 0.13 0.00
NEG WEST_LEA_LOCKPORT 23791	50.21 -0.67 0.00	41.81 -0.99 0.00	38.37 -1.03 0.00	31.25 -1.04 0.00	39.09 -1.36 0.00	41.25 -1.03 0.00	44.25 -0.90 0.00	46.99 -1.70 0.00	46.62 -1.45 0.00	50.13 -0.34 0.00	50.08 0.85 0.00	54.15 1.94 0.00	61.17 2.77 0.00	82.05 4.31 0.00	86.20 4.27 0.00	74.87 3.67 0.00	75.95 4.71 0.00	71.20 4.71 0.00	85.39 4.57 0.00	81.24 4.50 0.00	79.59 3.40 0.00	80.49 2.91 0.00	62.07 3.67 0.00	53.95 3.27 0.00
NEG WEST___LANCASTR 23811	50.18 -0.70 0.00	41.87 -0.93 0.00	38.46 -0.93 0.00	31.34 -0.94 0.00	39.24 -1.21 0.00	41.35 -0.92 0.00	44.33 -0.82 0.00	47.44 -1.25 0.00	47.13 -0.94 0.00	50.57 0.10 0.00	50.28 1.04 0.00	54.25 2.04 0.00	61.32 2.92 0.00	82.38 4.65 0.00	86.73 4.79 0.00	75.53 4.33 0.00	76.41 5.17 0.00	71.60 5.11 0.00	85.94 5.13 0.00	81.72 4.98 0.00	79.97 3.78 0.00	80.94 3.36 0.00	62.02 3.62 0.00	53.62 2.94 0.00
NEG_PENN_ALLEGHNY 23528	51.29 0.41 0.00	43.06 0.25 0.00	39.65 0.26 0.00	32.48 0.19 0.00	40.69 0.25 0.00	42.59 0.32 0.00	45.45 0.30 0.00	49.01 0.32 0.00	48.32 0.25 0.00	50.95 0.47 0.00	49.87 0.63 0.00	53.18 0.97 0.00	59.78 1.38 0.00	79.97 2.23 0.00	84.26 2.32 0.00	73.66 2.46 0.00	74.05 2.82 0.00	69.38 2.90 0.00	84.10 3.29 0.00	79.78 3.05 0.00	78.67 2.49 0.00	79.99 2.41 0.00	60.45 2.06 0.00	52.06 1.37 0.00
NEG___GEN_MONROE 24207	51.67 0.79 0.00	42.98 0.18 0.00	39.47 0.08 0.00	32.20 -0.08 0.00	40.37 -0.08 0.00	42.42 0.14 0.00	45.54 0.39 0.00	48.76 0.07 0.00	48.36 0.29 0.00	51.60 1.12 0.00	51.16 1.93 0.00	55.08 2.87 0.00	62.16 3.76 0.00	83.35 5.62 0.00	87.63 5.70 0.00	76.21 5.01 0.00	77.25 6.01 0.00	72.45 5.97 0.00	87.46 6.65 0.00	83.18 6.44 0.00	81.78 5.60 0.00	82.59 5.01 0.00	62.93 4.54 0.00	54.46 3.77 0.00
NEPA___ENERGY 23901	50.78 -0.10 0.00	42.36 -0.45 0.00	38.96 -0.44 0.00	31.69 -0.59 0.00	39.63 -0.81 0.00	41.82 -0.46 0.00	44.76 -0.39 0.00	48.10 -0.59 0.00	47.56 -0.51 0.00	50.69 0.22 0.00	50.21 0.97 0.00	54.26 2.05 0.00	61.29 2.89 0.00	82.49 4.75 0.00	86.54 4.60 0.00	75.40 4.20 0.00	76.31 5.07 0.00	71.72 5.24 0.00	86.14 5.32 0.00	81.84 5.11 0.00	80.08 3.89 0.00	81.25 3.67 0.00	62.20 3.80 0.00	53.44 2.76 0.00

NEVERSINK___HYD 23608	51.88 0.99 0.00	43.62 0.82 0.00	40.10 0.71 0.00	32.89 0.61 0.00	41.10 0.65 0.00	42.81 0.54 0.00	45.73 0.58 0.00	49.48 0.79 0.00	48.80 0.74 0.00	51.11 0.63 0.00	49.89 0.65 0.00	52.51 0.30 0.00	58.79 0.39 0.00	80.99 1.13 -2.12	84.21 1.68 -0.59	73.54 2.34 0.00	73.92 2.68 0.00	69.21 2.73 0.00	83.69 2.87 0.00	79.27 2.54 0.00	78.24 2.06 0.00	79.27 1.69 0.00	59.79 1.40 0.00	51.54 0.86 0.00
NEWKRMKL_115KV_TB1 55635	50.98 0.10 0.00	43.02 0.22 0.00	39.60 0.21 0.00	32.66 0.38 0.00	40.90 0.45 0.00	42.56 0.29 0.00	45.35 0.20 0.00	49.11 0.41 0.00	48.46 0.39 0.00	50.70 0.22 0.00	49.29 0.05 0.00	51.90 -0.31 0.00	57.80 -0.60 0.00	74.29 -0.82 2.64	80.44 -0.77 0.73	71.32 0.13 0.00	71.64 0.40 0.00	66.83 0.35 0.00	80.92 0.10 0.00	76.77 0.04 0.00	76.05 -0.13 0.00	77.39 -0.19 0.00	58.43 0.04 0.00	50.34 -0.35 0.00
NEWTON___FALLS_HYD 23847	52.74 1.86 0.00	44.19 1.39 0.00	40.61 1.21 0.00	33.12 0.84 0.00	41.53 1.09 0.00	43.65 1.34 -0.03	47.61 1.69 -0.77	50.84 1.55 -0.60	50.08 1.36 -0.65	52.37 1.11 -0.79	51.32 1.13 -0.95	54.57 1.28 -1.09	61.24 1.48 -1.36	81.74 1.81 -2.19	85.79 1.49 -2.37	73.52 0.41 -1.91	73.23 0.07 -1.92	68.16 -0.05 -1.73	84.15 1.00 -2.34	80.15 1.25 -2.16	80.10 1.79 -2.13	82.19 2.43 -2.19	61.84 2.07 -1.37	53.42 1.85 -0.88
NGRID_A1_DSASP 323792	49.29 -1.59 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.74 0.00	43.48 -1.67 0.00	46.17 -2.52 0.00	46.06 -2.00 0.00	49.58 -0.89 0.00	49.57 0.33 0.00	53.60 1.39 0.00	60.47 2.08 0.00	81.11 3.37 0.00	85.18 3.24 0.00	73.84 2.64 0.00	74.97 3.74 0.00	70.18 3.70 0.00	84.12 3.30 0.00	79.91 3.17 0.00	78.28 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
NGRID_A2_DSASP 323793	49.29 -1.59 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.74 0.00	43.48 -1.67 0.00	46.17 -2.52 0.00	46.06 -2.00 0.00	49.58 -0.89 0.00	49.57 0.33 0.00	53.60 1.39 0.00	60.47 2.08 0.00	81.11 3.37 0.00	85.18 3.24 0.00	73.84 2.64 0.00	74.97 3.74 0.00	70.18 3.70 0.00	84.12 3.30 0.00	79.91 3.17 0.00	78.28 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
NGRID_A4_DSASP 323807	49.29 -1.59 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.74 0.00	43.48 -1.67 0.00	46.17 -2.52 0.00	46.06 -2.00 0.00	49.58 -0.89 0.00	49.57 0.33 0.00	53.60 1.39 0.00	60.47 2.08 0.00	81.11 3.37 0.00	85.18 3.24 0.00	73.84 2.64 0.00	74.97 3.74 0.00	70.18 3.70 0.00	84.12 3.30 0.00	79.91 3.17 0.00	78.28 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
NIAGARA_115E_LBMP 323715	49.95 -0.93 0.00	41.60 -1.20 0.00	38.19 -1.21 0.00	31.10 -1.19 0.00	38.91 -1.54 0.00	41.05 -1.23 0.00	44.04 -1.11 0.00	46.64 -2.05 0.00	46.15 -1.92 0.00	49.62 -0.85 0.00	49.58 0.34 0.00	53.61 1.41 0.00	60.54 2.14 0.00	81.26 3.52 0.00	85.28 3.34 0.00	74.08 2.89 0.00	75.19 3.95 0.00	70.42 3.94 0.00	84.37 3.56 0.00	80.23 3.49 0.00	78.60 2.41 0.00	79.47 1.89 0.00	61.48 3.09 0.00	53.67 2.98 0.00
NIAGARA_115W_LBMP 323714	49.16 -1.72 0.00	40.95 -1.85 0.00	37.60 -1.80 0.00	30.61 -1.67 0.00	38.31 -2.14 0.00	40.45 -1.83 0.00	43.38 -1.77 0.00	46.03 -2.66 0.00	45.94 -2.13 0.00	49.45 -1.03 0.00	49.43 0.19 0.00	53.42 1.21 0.00	60.29 1.90 0.00	80.84 3.10 0.00	84.91 2.97 0.00	73.62 2.43 0.00	74.76 3.52 0.00	69.98 3.50 0.00	83.84 3.03 0.00	79.66 2.93 0.00	78.04 1.86 0.00	78.91 1.32 0.00	60.86 2.47 0.00	52.86 2.17 0.00
NIAGARA_230_LBMP 323716	49.76 -1.12 0.00	41.48 -1.32 0.00	38.09 -1.30 0.00	31.03 -1.25 0.00	38.83 -1.62 0.00	40.95 -1.33 0.00	43.93 -1.22 0.00	46.72 -1.97 0.00	46.51 -1.55 0.00	50.02 -0.45 0.00	49.92 0.69 0.00	53.96 1.76 0.00	60.88 2.48 0.00	81.68 3.94 0.00	85.73 3.79 0.00	74.36 3.17 0.00	75.52 4.28 0.00	70.70 4.21 0.00	84.78 3.97 0.00	80.56 3.82 0.00	78.91 2.73 0.00	79.77 2.19 0.00	61.47 3.07 0.00	53.36 2.67 0.00
NIAGARA___115KV_198_GIBSON 55903	49.16 -1.72 0.00	40.95 -1.85 0.00	37.60 -1.80 0.00	30.61 -1.67 0.00	38.31 -2.14 0.00	40.44 -1.83 0.00	43.37 -1.78 0.00	46.02 -2.67 0.00	45.94 -2.13 0.00	49.45 -1.03 0.00	49.44 0.20 0.00	53.43 1.22 0.00	60.29 1.89 0.00	80.75 3.01 0.00	84.84 2.90 0.00	73.60 2.41 0.00	74.72 3.48 0.00	69.97 3.48 0.00	83.86 3.05 0.00	79.67 2.93 0.00	78.04 1.85 0.00	78.91 1.32 0.00	60.85 2.46 0.00	52.86 2.18 0.00
NIAGARA____ 23760	49.76 -1.12 0.00	41.48 -1.32 0.00	38.09 -1.30 0.00	31.03 -1.25 0.00	38.83 -1.62 0.00	40.95 -1.33 0.00	43.93 -1.22 0.00	46.72 -1.97 0.00	46.51 -1.55 0.00	50.02 -0.45 0.00	49.92 0.69 0.00	53.96 1.76 0.00	60.88 2.48 0.00	81.68 3.94 0.00	85.73 3.79 0.00	74.36 3.17 0.00	75.52 4.28 0.00	70.70 4.21 0.00	84.78 3.97 0.00	80.56 3.82 0.00	78.91 2.73 0.00	79.77 2.19 0.00	61.47 3.07 0.00	53.36 2.67 0.00
NINE_MILE_1 23575	49.31 -1.57 0.00	41.45 -1.36 0.00	38.16 -1.24 0.00	31.29 -1.00 0.00	39.19 -1.25 0.00	40.20 -1.29 0.79	24.68 -1.35 19.12	32.38 -1.50 14.81	30.34 -1.47 16.25	29.42 -1.45 19.61	24.31 -1.25 23.68	24.00 -1.16 27.05	23.30 -1.18 33.92	21.79 -1.44 54.51	21.48 -1.53 58.93	22.44 -1.18 47.58	22.38 -0.91 47.95	22.75 -0.74 42.99	21.50 -1.01 58.30	21.86 -0.93 53.95	21.87 -1.17 53.14	21.82 -1.31 54.45	23.35 -0.84 34.20	27.74 -0.89 22.06
NINE_MILE_2 23744	49.32 -1.57 0.00	41.45 -1.35 0.00	38.16 -1.24 0.00	31.29 -1.00 0.00	39.19 -1.25 0.00	40.19 -1.29 0.80	24.51 -1.35 19.29	32.26 -1.49 14.94	30.19 -1.47 16.40	29.25 -1.44 19.79	24.09 -1.24 23.90	23.75 -1.16 27.30	22.99 -1.18 34.23	21.29 -1.44 55.01	20.94 -1.53 59.47	22.00 -1.18 48.02	21.95 -0.91 48.38	22.36 -0.74 43.38	20.97 -1.01 58.83	21.37 -0.93 54.44	21.39 -1.17 53.63	21.32 -1.31 54.95	23.04 -0.84 34.51	27.54 -0.89 22.26
NM_CAPITAL___DRP 24208	51.03 0.15 0.00	43.06 0.26 0.00	39.63 0.23 0.00	32.69 0.41 0.00	40.92 0.48 0.00	42.58 0.31 0.00	45.40 0.25 0.00	49.13 0.44 0.00	48.50 0.43 0.00	50.72 0.25 0.00	49.30 0.07 0.00	51.90 -0.31 0.00	57.74 -0.65 0.00	73.88 -0.93 2.93	80.27 -0.86 0.81	71.28 0.08 0.00	71.57 0.33 0.00	66.76 0.28 0.00	80.80 -0.01 0.00	76.66 -0.08 0.00	76.02 -0.16 0.00	77.36 -0.22 0.00	58.44 0.05 0.00	50.35 -0.34 0.00
NM_CENTRAL___DRP 24181	50.33 -0.55 0.00	42.25 -0.55 0.00	38.89 -0.50 0.00	31.87 -0.41 0.00	39.93 -0.51 0.00	41.80 -0.51 -0.03	45.28 -0.50 -0.63	48.64 -0.54 -0.49	48.07 -0.53 -0.54	50.75 -0.37 -0.65	49.92 -0.10 -0.78	53.23 0.13 -0.90	59.89 0.37 -1.12	80.25 0.70 -1.80	84.63 0.74 -1.95	73.64 0.87 -1.57	74.12 1.30 -1.58	69.26 1.35 -1.42	84.22 1.48 -1.93	79.97 1.45 -1.78	79.00 1.06 -1.76	80.27 0.88 -1.80	60.33 0.81 -1.13	51.81 0.39 -0.73

NM_FRONTIER___DRP 24179	49.16 -1.72 0.00	40.95 -1.85 0.00	37.60 -1.80 0.00	30.61 -1.67 0.00	38.31 -2.14 0.00	40.44 -1.83 0.00	43.37 -1.78 0.00	46.02 -2.67 0.00	45.94 -2.13 0.00	49.45 -1.03 0.00	49.44 0.20 0.00	53.43 1.22 0.00	60.29 1.89 0.00	80.75 3.01 0.00	84.84 2.90 0.00	73.60 2.41 0.00	74.72 3.48 0.00	69.97 3.48 0.00	83.86 3.05 0.00	79.67 2.93 0.00	78.04 1.85 0.00	78.91 1.32 0.00	60.85 2.46 0.00	52.86 2.18 0.00
NM_ST_REGIS___HYD 24053	52.17 1.28 0.00	43.74 0.94 0.00	40.21 0.81 0.00	32.75 0.47 0.00	41.09 0.64 0.00	43.17 0.89 0.00	46.36 1.22 0.00	49.78 1.09 0.00	49.02 0.96 0.00	51.21 0.74 0.00	49.97 0.73 0.00	53.14 0.93 0.00	59.33 0.93 0.00	78.83 1.09 0.00	82.50 0.56 0.00	70.26 -0.93 0.00	69.53 -1.71 0.00	64.74 -1.75 0.00	79.80 -1.02 0.00	75.98 -0.76 0.00	76.08 -0.11 0.00	77.79 0.20 0.00	58.72 0.33 0.00	51.52 0.83 0.00
NORTHPORT___1 23551	50.80 0.95 1.04	44.01 1.21 0.00	40.81 1.42 0.00	33.55 1.27 0.00	42.08 1.63 0.00	43.43 1.16 0.00	46.10 0.96 0.00	11.97 0.66 37.37	11.30 0.61 37.38	11.33 0.48 39.62	42.55 0.70 7.39	42.96 0.33 9.58	43.41 0.38 15.37	43.45 0.67 34.95	45.48 1.04 37.51	51.05 1.45 21.59	45.96 2.12 27.41	44.44 1.89 23.93	44.11 1.54 38.24	41.79 0.99 35.94	16.56 0.60 60.22	21.31 0.21 56.48	16.58 0.29 42.10	16.86 0.15 33.98
NORTHPORT___2 23552	50.80 0.95 1.04	44.01 1.21 0.00	40.81 1.42 0.00	33.55 1.27 0.00	42.08 1.63 0.00	43.43 1.16 0.00	46.10 0.96 0.00	11.97 0.66 37.37	11.30 0.61 37.38	11.33 0.48 39.62	42.55 0.70 7.39	42.96 0.33 9.58	43.41 0.38 15.37	43.45 0.67 34.95	45.48 1.04 37.51	51.05 1.45 21.59	45.96 2.12 27.41	44.44 1.89 23.93	44.11 1.54 38.24	41.79 0.99 35.94	16.56 0.60 60.22	21.31 0.21 56.48	16.58 0.29 42.10	16.86 0.15 33.98
NORTHPORT___3 23553	50.59 0.75 1.04	43.83 1.03 0.00	40.69 1.30 0.00	33.44 1.16 0.00	41.93 1.48 0.00	43.26 0.98 0.00	45.85 0.70 0.00	11.94 0.41 37.16	11.09 0.19 37.17	11.09 0.02 39.40	42.13 0.24 7.35	42.52 -0.16 9.53	42.90 -0.21 15.29	42.88 -0.01 34.85	44.91 0.37 37.39	50.58 0.92 21.53	45.62 1.57 27.18	44.08 1.39 23.80	43.84 1.05 38.03	41.55 0.56 35.74	16.50 0.21 59.89	21.24 -0.12 56.22	16.46 0.03 41.96	16.76 -0.13 33.79
NORTHPORT___4 23650	50.59 0.75 1.04	43.83 1.03 0.00	40.69 1.30 0.00	33.44 1.16 0.00	41.93 1.48 0.00	43.26 0.98 0.00	45.85 0.70 0.00	11.94 0.41 37.16	11.09 0.19 37.17	11.09 0.02 39.40	42.13 0.24 7.35	42.52 -0.16 9.53	42.90 -0.21 15.29	42.88 -0.01 34.85	44.91 0.37 37.39	50.58 0.92 21.53	45.62 1.57 27.18	44.08 1.39 23.80	43.84 1.05 38.03	41.55 0.56 35.74	16.50 0.21 59.89	21.24 -0.12 56.22	16.46 0.03 41.96	16.76 -0.13 33.79
NORTHPORT___IC 23718	50.80 0.96 1.04	44.01 1.21 0.00	40.81 1.42 0.00	33.55 1.27 0.00	42.07 1.63 0.00	43.43 1.16 0.00	46.10 0.96 0.00	12.01 0.69 37.37	11.34 0.65 37.38	11.34 0.49 39.62	42.54 0.69 7.39	42.94 0.31 9.58	43.41 0.38 15.37	43.58 0.80 34.95	45.57 1.14 37.51	51.07 1.46 21.59	46.01 2.18 27.41	44.45 1.90 23.93	44.10 1.52 38.24	41.79 1.00 35.94	16.56 0.60 60.22	21.30 0.20 56.48	16.57 0.27 42.10	16.86 0.15 33.98
NORTH___COUNTRY_ESR 323785	51.16 0.28 0.00	42.97 0.17 0.00	39.54 0.15 0.00	32.26 -0.02 0.00	40.44 -0.01 0.00	42.44 0.16 0.00	45.46 0.31 0.00	48.83 0.14 0.00	48.21 0.14 0.00	50.46 -0.01 0.00	49.16 -0.07 0.00	52.35 0.14 0.00	58.51 0.11 0.00	77.77 0.04 0.00	81.83 -0.11 0.00	70.11 -1.09 0.00	69.51 -1.73 0.00	64.77 -1.71 0.00	79.27 -1.54 0.00	75.35 -1.39 0.00	75.15 -1.04 0.00	76.53 -1.05 0.00	57.39 -1.00 0.00	50.40 -0.28 0.00
NPX_GEN_1385_PROXY 323591	50.36 0.52 1.04	43.75 0.57 -0.38	40.93 0.71 -0.82	33.04 0.76 0.00	41.44 1.00 0.00	42.70 0.43 0.00	46.15 1.01 0.00	9.93 0.57 39.33	10.33 0.85 38.58	11.78 0.93 39.62	43.39 1.54 7.39	43.56 0.93 9.58	46.63 1.51 13.27	44.88 2.09 34.95	45.71 1.28 37.51	51.16 1.56 21.59	46.09 2.26 27.41	44.49 1.94 23.93	44.07 1.49 38.24	41.81 1.01 35.94	17.29 1.32 60.22	22.21 1.11 56.48	17.54 1.24 42.10	17.72 1.01 33.98
NPX_GEN_CSC 323557	51.56 1.66 0.98	44.87 1.69 -0.38	41.94 1.72 -0.82	33.64 1.36 0.00	42.20 1.76 0.00	43.58 1.31 0.00	46.13 0.98 0.00	10.80 0.82 38.72	11.05 0.96 37.98	12.51 1.01 38.97	43.12 1.15 7.26	43.51 0.72 9.42	44.17 0.88 15.11	44.42 1.06 34.38	46.82 1.80 36.93	52.64 2.63 21.19	48.62 3.37 25.99	45.97 3.01 23.53	46.02 2.80 37.59	43.69 2.29 35.33	18.77 1.80 59.21	23.43 1.20 55.35	18.29 0.93 41.03	17.89 0.61 33.40
NSINS_S_GLNS_FALLS 23858	54.76 3.88 0.00	45.92 3.11 0.00	42.09 2.69 0.00	34.65 2.36 0.00	43.62 3.18 0.00	45.30 3.03 0.00	48.40 3.26 0.00	52.45 3.76 0.00	51.75 3.69 0.00	53.99 3.51 0.00	52.15 2.91 0.00	54.99 2.79 0.00	61.15 2.76 0.00	78.54 3.78 2.98	85.67 4.55 0.82	75.82 4.62 0.00	76.37 5.13 0.00	70.93 4.45 0.00	86.06 5.25 0.00	81.87 5.13 0.00	80.93 4.75 0.00	81.86 4.27 0.00	61.69 3.29 0.00	52.93 2.24 0.00
NUCOR_STEEL___DRP 24197	51.17 0.29 0.00	42.98 0.18 0.00	39.56 0.16 0.00	32.39 0.11 0.00	40.61 0.16 0.00	42.58 0.23 -0.07	46.99 0.07 -1.77	50.17 0.11 -1.37	49.62 0.06 -1.50	52.48 0.19 -1.81	51.92 0.49 -2.19	55.56 0.85 -2.50	62.52 0.99 -3.14	84.36 1.58 -5.04	89.09 1.71 -5.45	77.25 1.65 -4.40	77.96 2.29 -4.44	72.82 2.36 -3.98	88.89 2.68 -5.39	84.51 2.79 -4.99	83.43 2.33 -4.92	85.09 2.47 -5.04	63.58 2.02 -3.17	54.13 1.38 -2.05
NUMBER_THREE_WT_PWR 323818	53.45 2.57 0.00	44.78 1.98 0.00	41.14 1.75 0.00	33.60 1.32 0.00	42.13 1.69 0.00	44.23 1.92 -0.04	48.32 2.30 -0.87	51.64 2.27 -0.68	50.83 2.02 -0.75	53.11 1.73 -0.90	52.06 1.74 -1.08	55.37 1.92 -1.24	62.34 2.38 -1.55	83.27 3.04 -2.49	87.76 3.12 -2.70	75.82 2.45 -2.18	75.94 2.52 -2.19	70.58 2.14 -1.96	86.97 3.49 -2.66	82.91 3.70 -2.46	82.59 3.98 -2.42	84.90 4.83 -2.49	63.79 3.84 -1.56	54.67 2.97 -1.01
NYISO_LBMP_REFERENCE 24008	50.88 0.00 0.00	42.80 0.00 0.00	39.40 0.00 0.00	32.28 0.00 0.00	40.44 0.00 0.00	42.27 0.00 0.00	45.15 0.00 0.00	48.69 0.00 0.00	48.06 0.00 0.00	50.47 0.00 0.00	49.24 0.00 0.00	52.21 0.00 0.00	58.40 0.00 0.00	77.74 0.00 0.00	81.94 0.00 0.00	71.19 0.00 0.00	71.24 0.00 0.00	66.48 0.00 0.00	80.81 0.00 0.00	76.74 0.00 0.00	76.19 0.00 0.00	77.58 0.00 0.00	58.39 0.00 0.00	50.69 0.00 0.00
NYPA_BRENTWD____GT 24164	52.11 2.13 0.90	44.91 2.10 0.00	41.54 2.15 0.00	34.08 1.80 0.00	42.71 2.27 0.00	44.14 1.87 0.00	46.90 1.75 0.00	14.30 1.64 36.03	13.66 1.63 36.03	13.88 1.58 38.18	43.90 1.78 7.11	44.43 1.44 9.22	45.27 1.66 14.79	46.61 2.42 33.55	48.90 3.06 36.10	54.23 3.35 20.32	54.47 4.08 20.84	47.14 3.68 23.03	47.64 3.62 36.79	45.11 2.96 34.58	20.72 2.51 57.97	25.69 2.05 53.95	20.30 1.62 39.71	19.21 1.22 32.70

NYPA_GOWANUS____GT5 24156	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.53 2.39 -3.40	85.59 2.71 -0.93	74.63 3.43 0.00	75.38 4.15 0.01	70.25 3.78 0.01	84.63 3.82 0.01	79.88 3.15 0.01	78.88 2.70 0.01	79.86 2.29 0.01	60.55 2.16 0.00	52.61 1.93 0.00
NYPA_GOWANUS____GT6 24157	53.24 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.68 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.19 0.00	50.33 2.27 0.00	52.44 1.97 0.00	51.08 1.84 0.00	53.54 1.33 0.00	59.87 1.47 0.00	83.53 2.39 -3.40	85.59 2.71 -0.93	74.63 3.43 0.00	75.38 4.15 0.01	70.25 3.78 0.01	84.63 3.82 0.01	79.88 3.15 0.01	78.88 2.70 0.01	79.86 2.29 0.01	60.55 2.16 0.00	52.61 1.93 0.00
NYPA_HARLEM__RVR__GT1 24160	53.15 2.26 0.00	45.01 2.21 0.00	41.41 2.02 0.00	33.98 1.69 0.00	42.36 1.91 0.00	44.13 1.85 0.00	47.16 2.01 0.00	50.87 2.18 0.00	50.27 2.21 0.00	52.50 2.03 0.00	51.14 1.90 0.00	53.58 1.36 -0.01	59.86 1.45 -0.01	83.44 2.29 -3.41	85.46 2.57 -0.95	74.46 3.26 -0.01	75.24 4.00 -0.01	70.07 3.58 -0.01	84.33 3.51 -0.01	79.64 2.89 -0.01	78.66 2.47 -0.01	79.68 2.09 -0.01	60.42 2.02 -0.01	52.46 1.77 0.00
NYPA_HARLEM__RVR__GT2 24161	53.15 2.26 0.00	45.01 2.21 0.00	41.41 2.02 0.00	33.98 1.69 0.00	42.36 1.91 0.00	44.13 1.85 0.00	47.16 2.01 0.00	50.87 2.18 0.00	50.27 2.21 0.00	52.50 2.03 0.00	51.14 1.90 0.00	53.58 1.36 -0.01	59.86 1.45 -0.01	83.44 2.29 -3.41	85.46 2.57 -0.95	74.46 3.26 -0.01	75.24 4.00 -0.01	70.07 3.58 -0.01	84.33 3.51 -0.01	79.64 2.89 -0.01	78.66 2.47 -0.01	79.68 2.09 -0.01	60.42 2.02 -0.01	52.46 1.77 0.00
NYPA_KENT____GT 24152	52.85 2.24 0.27	45.00 2.20 0.00	41.39 2.00 0.00	33.93 1.65 0.00	42.34 1.89 0.00	44.10 1.82 0.00	47.13 1.99 0.00	50.84 2.15 0.00	50.25 2.19 0.00	52.41 1.94 0.00	51.07 1.83 0.00	53.55 1.34 0.00	59.88 1.48 0.00	83.46 2.33 -3.40	85.51 2.64 -0.93	74.53 3.33 0.00	75.25 4.02 0.01	70.13 3.65 0.01	79.53 3.66 4.94	73.31 2.99 6.42	71.66 2.53 7.06	72.24 2.12 7.46	57.30 2.02 3.11	52.51 1.82 0.00
NYPA_POUCH1____GT 24155	53.15 2.27 0.00	45.06 2.26 0.00	41.39 2.00 0.00	33.91 1.63 0.00	42.31 1.87 0.00	44.07 1.80 0.00	47.11 1.96 0.00	50.73 2.04 0.00	50.22 2.16 0.00	52.22 1.75 0.00	50.87 1.64 0.00	53.17 1.05 0.09	59.58 1.18 0.00	83.14 2.00 -3.40	85.21 2.34 -0.93	74.30 3.11 0.00	75.04 3.81 0.01	69.95 3.48 0.01	84.30 3.50 0.01	79.56 2.83 0.01	78.57 2.39 0.01	79.57 2.00 0.01	60.33 1.94 0.00	52.42 1.73 0.00
NYPA_VERNON____GT2 24162	52.46 2.13 0.55	44.92 2.12 0.00	41.35 1.96 0.00	33.91 1.63 0.00	42.30 1.86 0.00	44.07 1.79 0.00	47.09 1.95 0.00	50.81 2.12 0.00	50.19 2.12 0.00	52.38 1.91 0.00	51.06 1.83 0.00	53.54 1.33 0.00	59.89 1.49 0.00	83.45 2.31 -3.40	85.47 2.59 -0.93	74.46 3.27 0.00	75.21 3.97 0.01	70.06 3.59 0.01	74.49 3.55 9.87	66.81 2.89 12.82	64.52 2.43 14.10	64.67 2.01 14.92	54.10 1.93 6.22	52.40 1.71 0.00
NYPA_VERNON____GT3 24163	52.46 2.13 0.55	44.92 2.12 0.00	41.35 1.96 0.00	33.91 1.63 0.00	42.30 1.86 0.00	44.07 1.79 0.00	47.09 1.95 0.00	50.81 2.12 0.00	50.19 2.12 0.00	52.38 1.91 0.00	51.06 1.83 0.00	53.54 1.33 0.00	59.89 1.49 0.00	83.45 2.31 -3.40	85.47 2.59 -0.93	74.46 3.27 0.00	75.21 3.97 0.01	70.06 3.59 0.01	74.49 3.55 9.87	66.81 2.89 12.82	64.52 2.43 14.10	64.67 2.01 14.92	54.10 1.93 6.22	52.40 1.71 0.00
NYPA____ASTORIA_CC1 323568	52.14 2.04 0.78	44.86 2.05 0.00	41.29 1.89 0.00	33.87 1.58 0.00	42.25 1.81 0.00	44.01 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.28 1.81 0.00	50.96 1.73 0.00	53.43 1.22 0.00	59.73 1.33 0.00	83.25 2.11 -3.40	85.25 2.38 -0.93	74.29 3.10 0.00	75.01 3.79 0.01	69.89 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.16 1.84 21.27	51.33 1.80 8.87	52.31 1.63 0.00
NYPA____ASTORIA_CC2 323569	52.14 2.04 0.78	44.86 2.05 0.00	41.29 1.89 0.00	33.87 1.58 0.00	42.25 1.81 0.00	44.01 1.73 0.00	47.03 1.88 0.00	50.74 2.05 0.00	50.10 2.04 0.00	52.28 1.81 0.00	50.96 1.73 0.00	53.43 1.22 0.00	59.73 1.33 0.00	83.25 2.11 -3.40	85.25 2.38 -0.93	74.29 3.10 0.00	75.01 3.79 0.01	69.89 3.41 0.01	70.08 3.34 14.08	61.18 2.73 18.28	58.33 2.25 20.10	58.16 1.84 21.27	51.33 1.80 8.87	52.31 1.63 0.00
NYPA____HOLTSVILL 23794	51.55 1.66 0.98	44.54 1.74 0.00	41.20 1.80 0.00	33.77 1.48 0.00	42.34 1.89 0.00	43.75 1.47 0.00	46.41 1.27 0.00	13.00 1.13 36.82	12.41 1.17 36.83	12.57 1.12 39.03	43.24 1.28 7.27	43.68 0.90 9.43	44.29 1.03 15.13	44.81 1.51 34.43	47.06 2.10 36.98	52.56 2.59 21.22	48.47 3.30 26.07	45.87 2.95 23.56	45.91 2.75 37.64	43.54 2.19 35.39	18.61 1.72 59.30	23.31 1.17 55.44	18.25 0.98 41.12	17.96 0.73 33.45
NYPA____HELLGATE_GT1 24158	53.15 2.26 0.00	45.01 2.21 0.00	41.41 2.02 0.00	33.98 1.69 0.00	42.36 1.91 0.00	44.13 1.85 0.00	47.16 2.01 0.00	50.87 2.18 0.00	50.27 2.21 0.00	52.50 2.03 0.00	51.14 1.90 0.00	53.61 1.40 -0.01	59.86 1.45 -0.01	83.44 2.29 -3.41	85.46 2.57 -0.95	74.46 3.26 -0.01	75.24 4.00 -0.01	70.07 3.58 -0.01	84.33 3.51 -0.01	79.64 2.89 -0.01	78.66 2.47 -0.01	79.68 2.09 -0.01	60.42 2.02 -0.01	52.46 1.78 0.00
NYPA____HELLGATE_GT2 24159	53.15 2.26 0.00	45.01 2.21 0.00	41.41 2.02 0.00	33.98 1.69 0.00	42.36 1.91 0.00	44.13 1.85 0.00	47.16 2.01 0.00	50.87 2.18 0.00	50.27 2.21 0.00	52.50 2.03 0.00	51.14 1.90 0.00	53.61 1.40 -0.01	59.86 1.45 -0.01	83.44 2.29 -3.41	85.46 2.57 -0.95	74.46 3.26 -0.01	75.24 4.00 -0.01	70.07 3.58 -0.01	84.33 3.51 -0.01	79.64 2.89 -0.01	78.66 2.47 -0.01	79.68 2.09 -0.01	60.42 2.02 -0.01	52.46 1.78 0.00
NYS_BARGE____HYD 23848	50.41 -0.47 0.00	41.97 -0.84 0.00	38.51 -0.88 0.00	31.36 -0.93 0.00	39.23 -1.21 0.00	41.38 -0.89 0.00	44.42 -0.73 0.00	47.15 -1.54 0.00	46.73 -1.33 0.00	50.23 -0.24 0.00	50.17 0.93 0.00	54.27 2.06 0.00	61.32 2.92 0.00	82.34 4.61 0.00	86.50 4.56 0.00	75.10 3.90 0.00	76.20 4.96 0.00	71.41 4.93 0.00	85.64 4.82 0.00	81.50 4.77 0.00	79.85 3.67 0.00	80.75 3.17 0.00	62.28 3.89 0.00	54.16 3.47 0.00
OAK ORCHARD____HYD 24046	51.08 0.20 0.00	42.66 -0.14 0.00	39.18 -0.22 0.00	31.99 -0.29 0.00	40.06 -0.38 0.00	42.12 -0.16 0.00	45.20 0.06 0.00	48.46 -0.23 0.00	48.10 0.03 0.00	51.28 0.81 0.00	50.84 1.60 0.00	54.69 2.48 0.00	61.66 3.26 0.00	82.60 4.86 0.00	86.82 4.88 0.00	75.54 4.34 0.00	76.55 5.31 0.00	71.71 5.22 0.00	86.52 5.71 0.00	82.12 5.39 0.00	80.62 4.43 0.00	81.59 4.01 0.00	62.08 3.69 0.00	53.61 2.92 0.00

OAKDALE___35_KV_LOAD 356122	51.05 0.17 0.00	42.87 0.07 0.00	39.49 0.10 0.00	32.35 0.07 0.00	40.53 0.09 0.00	42.41 0.13 0.00	45.24 0.09 0.00	48.78 0.09 0.00	48.09 0.03 0.00	50.69 0.22 0.00	49.61 0.37 0.00	52.87 0.66 0.00	59.37 0.97 0.00	79.39 1.65 0.00	83.65 1.71 0.00	73.12 1.92 0.00	73.54 2.30 0.00	68.86 2.38 0.00	83.47 2.66 0.00	79.24 2.50 0.00	78.14 1.96 0.00	79.44 1.86 0.00	60.08 1.69 0.00	51.77 1.09 0.00
OCC_CHEM___DRP 24175	49.29 -1.60 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.73 0.00	43.48 -1.67 0.00	46.16 -2.53 0.00	46.06 -2.01 0.00	49.59 -0.89 0.00	49.59 0.35 0.00	53.60 1.39 0.00	60.47 2.07 0.00	81.00 3.26 0.00	85.11 3.16 0.00	73.83 2.63 0.00	74.94 3.70 0.00	70.18 3.70 0.00	84.14 3.33 0.00	79.91 3.17 0.00	78.27 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
OH_GEN_PROXY 24063	49.75 -1.13 0.00	41.88 -1.31 -0.38	38.94 -1.28 -0.82	31.04 -1.24 0.00	38.85 -1.59 0.00	40.96 -1.32 0.00	43.96 -1.19 0.00	-147.44 -1.89 194.25	16.16 -1.49 30.42	50.08 -0.39 0.00	49.97 0.73 0.00	53.97 1.76 0.00	60.89 2.49 0.00	81.70 3.96 0.00	85.78 3.84 0.00	74.42 3.22 0.00	75.56 4.32 0.00	70.72 4.24 0.00	77.85 4.04 7.01	80.60 3.86 0.00	78.93 2.75 0.00	79.83 2.25 0.00	84.04 3.05 -22.60	89.92 2.60 -36.63
OLIN_CORP_DRP 24177	49.99 -0.89 0.00	41.64 -1.16 0.00	38.22 -1.17 0.00	31.13 -1.15 0.00	38.95 -1.49 0.00	41.09 -1.19 0.00	44.08 -1.07 0.00	46.71 -1.98 0.00	46.26 -1.80 0.00	49.76 -0.71 0.00	49.73 0.50 0.00	53.76 1.55 0.00	60.70 2.30 0.00	81.37 3.63 0.00	85.44 3.50 0.00	74.24 3.05 0.00	75.35 4.11 0.00	70.59 4.11 0.00	84.62 3.80 0.00	80.44 3.70 0.00	78.81 2.63 0.00	79.66 2.07 0.00	61.58 3.18 0.00	53.72 3.04 0.00
OLIN_CORP_DSASP 323712	49.29 -1.59 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.74 0.00	43.48 -1.67 0.00	46.17 -2.52 0.00	46.06 -2.00 0.00	49.58 -0.89 0.00	49.57 0.33 0.00	53.60 1.39 0.00	60.47 2.08 0.00	81.11 3.37 0.00	85.18 3.24 0.00	73.84 2.64 0.00	74.97 3.74 0.00	70.18 3.70 0.00	84.12 3.30 0.00	79.91 3.17 0.00	78.28 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
ONEIDA_HERK_LFGE 323681	52.77 1.88 0.00	44.29 1.49 0.00	40.71 1.31 0.00	33.30 1.02 0.00	41.75 1.30 0.00	43.71 1.43 0.00	46.86 1.71 0.00	50.48 1.79 0.00	49.71 1.64 0.00	51.97 1.50 0.00	50.75 1.51 0.00	53.91 1.70 0.00	60.46 2.06 0.00	80.40 2.66 0.00	84.80 2.86 0.00	73.76 2.57 0.00	74.10 2.86 0.00	69.07 2.59 0.00	84.35 3.54 0.00	80.37 3.63 0.00	79.81 3.63 0.00	81.51 3.93 0.00	61.41 3.02 0.00	52.96 2.28 0.00
ONEIDA___115KV_TB4 55905	52.54 1.66 0.00	44.11 1.30 0.00	40.55 1.15 0.00	33.19 0.91 0.00	41.60 1.15 0.00	43.56 1.28 0.00	46.80 1.66 0.00	50.40 1.71 0.00	49.63 1.56 0.00	51.90 1.42 0.00	50.75 1.51 0.00	54.02 1.81 0.00	60.66 2.26 0.00	80.66 2.92 0.00	85.24 3.30 0.00	74.33 3.13 0.00	74.90 3.66 0.00	69.77 3.29 0.00	85.00 4.19 0.00	81.02 4.28 0.00	80.29 4.11 0.00	81.68 4.10 0.00	61.48 3.09 0.00	52.93 2.24 0.00
ONONDAGA_REF_OCCRA 23987	50.72 -0.16 0.00	42.57 -0.23 0.00	39.18 -0.21 0.00	32.11 -0.17 0.00	40.23 -0.21 0.00	42.11 -0.20 -0.03	45.56 -0.23 -0.65	48.93 -0.26 -0.50	48.33 -0.29 -0.55	51.00 -0.13 -0.67	50.16 0.12 -0.81	53.50 0.37 -0.92	60.17 0.62 -1.15	80.71 1.12 -1.85	85.12 1.18 -2.00	74.10 1.29 -1.62	74.65 1.78 -1.64	69.79 1.84 -1.47	84.95 2.14 -1.99	80.65 2.07 -1.84	79.66 1.66 -1.81	80.95 1.50 -1.86	60.81 1.25 -1.17	52.17 0.73 -0.75
ONONDAGA___COGEN 23986	50.65 -0.23 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.14 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.12 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.01 -5.96	89.47 1.09 -6.44	77.59 1.19 -5.20	78.11 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.49 1.49 -5.81	84.92 1.38 -5.96	63.29 1.15 -3.74	53.78 0.68 -2.41
ONTARIO___LFGE 23819	51.35 0.47 0.00	43.09 0.29 0.00	39.63 0.23 0.00	32.39 0.10 0.00	40.59 0.14 0.00	42.62 0.35 0.00	45.89 0.74 0.00	49.20 0.51 0.00	48.62 0.56 0.00	51.28 0.80 0.00	50.44 1.20 0.00	54.11 1.90 0.00	61.25 2.86 0.00	81.79 4.05 0.00	86.07 4.14 0.00	75.34 4.14 0.00	76.22 4.98 0.00	71.66 5.17 0.00	86.75 5.94 0.00	82.61 5.87 0.00	81.17 4.99 0.00	82.29 4.71 0.00	62.26 3.87 0.00	53.54 2.85 0.00
ORANGEVILLE_WT_PWR 323706	50.82 -0.06 0.00	42.41 -0.39 0.00	38.92 -0.48 0.00	31.70 -0.58 0.00	39.69 -0.75 0.00	41.81 -0.47 0.00	44.74 -0.40 0.00	47.78 -0.91 0.00	47.23 -0.84 0.00	50.64 0.17 0.00	50.05 0.81 0.00	53.93 1.72 0.00	61.04 2.64 0.00	81.81 4.07 0.00	85.83 3.89 0.00	74.93 3.74 0.00	76.22 4.98 0.00	71.11 4.63 0.00	85.49 4.67 0.00	81.87 5.14 0.00	80.33 4.15 0.00	81.39 3.81 0.00	62.30 3.91 0.00	53.80 3.12 0.00
ORANGEVILLE___ESR 323794	50.82 -0.06 0.00	42.41 -0.39 0.00	38.92 -0.48 0.00	31.70 -0.58 0.00	39.69 -0.75 0.00	41.81 -0.47 0.00	44.74 -0.40 0.00	47.78 -0.91 0.00	47.23 -0.84 0.00	50.64 0.17 0.00	50.05 0.81 0.00	53.93 1.72 0.00	61.04 2.64 0.00	81.81 4.07 0.00	85.83 3.89 0.00	74.93 3.74 0.00	76.22 4.98 0.00	71.11 4.63 0.00	85.49 4.67 0.00	81.87 5.14 0.00	80.33 4.15 0.00	81.39 3.81 0.00	62.30 3.91 0.00	53.80 3.12 0.00
OSWEGATCHIE___HYD 24044	52.74 1.86 0.00	44.19 1.39 0.00	40.61 1.21 0.00	33.12 0.83 0.00	41.53 1.09 0.00	43.65 1.34 -0.03	47.61 1.69 -0.77	50.84 1.55 -0.60	50.08 1.36 -0.65	52.37 1.11 -0.79	51.32 1.13 -0.95	54.57 1.28 -1.09	61.24 1.48 -1.36	81.74 1.81 -2.19	85.79 1.48 -2.37	73.53 0.42 -1.91	73.23 0.07 -1.92	68.16 -0.05 -1.73	84.15 1.00 -2.34	80.15 1.25 -2.16	80.10 1.79 -2.13	82.19 2.43 -2.19	61.83 2.07 -1.37	53.42 1.85 -0.88
OSWEGO___5 23606	49.69 -1.19 0.00	41.76 -1.04 0.00	38.47 -0.93 0.00	31.54 -0.74 0.00	39.51 -0.94 0.00	41.84 -0.95 -0.51	56.37 -1.00 -12.22	57.03 -1.13 -9.46	57.33 -1.12 -10.38	61.96 -1.05 -12.53	63.52 -0.85 -15.13	68.75 -0.74 -17.29	79.38 -0.70 -21.67	111.81 -0.76 -34.83	118.75 -0.85 -37.66	101.05 -0.56 -30.41	101.61 -0.27 -30.64	93.82 -0.14 -27.48	117.80 -0.27 -37.26	110.98 -0.24 -34.48	109.65 -0.50 -33.96	111.76 -0.62 -34.80	79.94 -0.31 -21.85	64.34 -0.45 -14.10
OSWEGO___6 23613	49.69 -1.19 0.00	41.76 -1.04 0.00	38.47 -0.93 0.00	31.54 -0.74 0.00	39.51 -0.94 0.00	41.84 -0.95 -0.51	56.37 -1.00 -12.22	57.03 -1.13 -9.46	57.33 -1.12 -10.38	61.96 -1.05 -12.53	63.52 -0.85 -15.13	68.75 -0.74 -17.29	79.38 -0.70 -21.67	111.81 -0.76 -34.83	118.75 -0.85 -37.66	101.05 -0.56 -30.41	101.61 -0.27 -30.64	93.82 -0.14 -27.48	117.80 -0.27 -37.26	110.98 -0.24 -34.48	109.65 -0.50 -33.96	111.76 -0.62 -34.80	79.94 -0.31 -21.85	64.34 -0.45 -14.10

OUTOKUMPU-AB___DRP 24206	50.60 -0.28 0.00	42.12 -0.68 0.00	38.64 -0.75 0.00	31.45 -0.83 0.00	39.35 -1.09 0.00	41.52 -0.76 0.00	44.55 -0.59 0.00	47.40 -1.29 0.00	47.18 -0.88 0.00	50.82 0.34 0.00	50.78 1.54 0.00	54.94 2.73 0.00	62.10 3.71 0.00	83.31 5.57 0.00	87.55 5.61 0.00	75.98 4.78 0.00	77.04 5.80 0.00	72.22 5.74 0.00	86.63 5.82 0.00	82.37 5.64 0.00	80.64 4.46 0.00	81.53 3.95 0.00	62.75 4.36 0.00	54.43 3.74 0.00
OXBOW___BTM 323836	49.95 -0.93 0.00	41.59 -1.21 0.00	38.17 -1.23 0.00	31.07 -1.22 0.00	38.87 -1.58 0.00	41.03 -1.25 0.00	44.02 -1.13 0.00	46.79 -1.90 0.00	46.64 -1.43 0.00	50.22 -0.25 0.00	50.20 0.96 0.00	54.32 2.11 0.00	61.37 2.97 0.00	82.36 4.62 0.00	86.51 4.57 0.00	74.79 3.60 0.00	75.90 4.66 0.00	71.06 4.57 0.00	85.22 4.41 0.00	80.99 4.25 0.00	79.34 3.15 0.00	80.36 2.78 0.00	61.96 3.57 0.00	53.76 3.07 0.00
OXBOW___ 24026	49.95 -0.93 0.00	41.59 -1.21 0.00	38.16 -1.23 0.00	31.07 -1.22 0.00	38.87 -1.57 0.00	41.02 -1.25 0.00	44.01 -1.13 0.00	46.77 -1.92 0.00	46.64 -1.43 0.00	50.22 -0.25 0.00	50.21 0.98 0.00	54.32 2.11 0.00	61.36 2.96 0.00	82.27 4.54 0.00	86.45 4.52 0.00	74.77 3.58 0.00	75.85 4.61 0.00	71.06 4.58 0.00	85.25 4.43 0.00	80.99 4.25 0.00	79.34 3.16 0.00	80.36 2.78 0.00	61.95 3.56 0.00	53.76 3.08 0.00
OXY_CHEM_DSASP 323612	49.29 -1.60 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.73 0.00	43.48 -1.67 0.00	46.16 -2.53 0.00	46.06 -2.01 0.00	49.59 -0.89 0.00	49.59 0.35 0.00	53.60 1.39 0.00	60.47 2.07 0.00	81.00 3.26 0.00	85.11 3.16 0.00	73.83 2.63 0.00	74.94 3.70 0.00	70.18 3.70 0.00	84.14 3.33 0.00	79.91 3.17 0.00	78.27 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
OZONE_PARK_ESR 323760	53.70 2.82 0.00	45.36 2.56 0.00	41.72 2.33 0.00	34.17 1.89 0.00	42.67 2.23 0.00	44.46 2.18 0.00	47.56 2.41 0.00	51.40 2.71 0.00	50.74 2.67 0.00	53.05 2.57 0.00	51.69 2.45 0.00	54.28 2.07 0.00	60.73 2.33 0.00	84.70 3.57 -3.40	86.81 3.93 -0.94	75.63 4.44 0.00	76.43 5.19 0.00	71.17 4.69 0.00	85.67 4.85 0.00	80.85 4.11 0.00	79.83 3.65 0.00	80.83 3.25 0.00	61.22 2.83 0.00	53.02 2.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.29 -1.60 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.73 0.00	43.48 -1.67 0.00	46.16 -2.53 0.00	46.06 -2.01 0.00	49.59 -0.89 0.00	49.59 0.35 0.00	53.60 1.39 0.00	60.47 2.07 0.00	81.00 3.26 0.00	85.11 3.16 0.00	73.83 2.63 0.00	74.94 3.70 0.00	70.18 3.70 0.00	84.14 3.33 0.00	79.91 3.17 0.00	78.27 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
PACKARD__115KV_DUPONT_184 80571	49.29 -1.60 0.00	41.06 -1.74 0.00	37.69 -1.70 0.00	30.70 -1.58 0.00	38.41 -2.04 0.00	40.54 -1.73 0.00	43.48 -1.67 0.00	46.16 -2.53 0.00	46.06 -2.01 0.00	49.59 -0.89 0.00	49.59 0.35 0.00	53.60 1.39 0.00	60.47 2.07 0.00	81.00 3.26 0.00	85.11 3.16 0.00	73.83 2.63 0.00	74.94 3.70 0.00	70.18 3.70 0.00	84.14 3.33 0.00	79.91 3.17 0.00	78.27 2.09 0.00	79.14 1.56 0.00	61.03 2.64 0.00	53.01 2.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.11 2.22 0.00	44.99 2.19 0.00	41.41 2.01 0.00	33.97 1.68 0.00	42.36 1.92 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.91 2.22 0.00	50.29 2.23 0.00	52.53 2.05 0.00	51.20 1.96 0.00	53.69 1.47 0.00	60.03 1.63 0.00	83.63 2.49 -3.40	85.67 2.78 -0.95	74.61 3.41 0.00	75.39 4.14 -0.01	70.22 3.73 -0.01	84.56 3.74 -0.01	79.85 3.11 -0.01	78.82 2.63 -0.01	79.79 2.20 -0.01	60.49 2.09 -0.01	52.48 1.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	55.12 4.24 0.00	46.61 3.81 0.00	42.89 3.50 0.00	35.19 2.90 0.00	43.91 3.47 0.00	45.87 3.59 0.00	49.10 3.96 0.00	52.93 4.23 0.00	52.25 4.19 0.00	54.57 4.09 0.00	52.98 3.74 0.00	55.55 3.34 0.00	62.14 3.75 0.00	86.22 5.08 -3.40	88.45 5.56 -0.95	77.25 6.05 0.00	78.04 6.80 -0.01	72.77 6.28 -0.01	88.09 7.27 -0.01	83.21 6.46 -0.01	82.08 5.89 -0.01	82.65 5.06 -0.01	62.61 4.22 -0.01	54.26 3.58 0.00
PATROON__115KV_TB1 80586	51.19 0.31 0.00	43.18 0.38 0.00	39.75 0.36 0.00	32.77 0.49 0.00	41.04 0.59 0.00	42.71 0.43 0.00	45.53 0.38 0.00	49.29 0.60 0.00	48.66 0.59 0.00	50.92 0.45 0.00	49.50 0.26 0.00	52.14 -0.07 0.00	58.09 -0.32 0.00	74.61 -0.42 2.72	80.83 -0.36 0.75	71.69 0.50 0.00	72.03 0.79 0.00	67.19 0.70 0.00	81.33 0.51 0.00	77.17 0.44 0.00	76.43 0.25 0.00	77.74 0.16 0.00	58.70 0.31 0.00	50.57 -0.11 0.00
PATTRSNVILLE___SOLAR 323815	52.69 1.81 0.00	44.31 1.51 0.00	40.73 1.34 0.00	33.44 1.16 0.00	41.94 1.49 0.00	43.72 1.45 0.00	46.61 1.46 0.00	50.23 1.54 0.00	49.38 1.32 0.00	51.45 0.98 0.00	49.90 0.67 0.00	52.74 0.53 0.00	58.93 0.54 0.00	76.22 0.68 2.20	82.38 1.05 0.61	72.70 1.51 0.00	73.16 1.93 0.00	68.27 1.79 0.00	83.41 2.60 0.00	79.77 3.03 0.00	79.16 2.98 0.00	80.52 2.94 0.00	60.74 2.35 0.00	52.45 1.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.64 -0.24 0.00	42.20 -0.60 0.00	38.75 -0.64 0.00	31.56 -0.72 0.00	39.51 -0.94 0.00	41.66 -0.62 0.00	44.68 -0.47 0.00	47.78 -0.91 0.00	47.50 -0.57 0.00	51.04 0.56 0.00	50.84 1.60 0.00	54.93 2.72 0.00	62.15 3.76 0.00	83.51 5.77 0.00	87.89 5.95 0.00	76.50 5.31 0.00	77.42 6.18 0.00	72.62 6.14 0.00	87.15 6.34 0.00	82.87 6.13 0.00	81.07 4.88 0.00	81.94 4.36 0.00	62.81 4.42 0.00	54.28 3.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.42 2.53 0.00	45.01 2.21 0.00	41.37 1.98 0.00	33.94 1.66 0.00	42.41 1.97 0.00	44.16 1.89 0.00	47.21 2.06 0.00	51.10 2.40 0.00	50.43 2.36 0.00	52.74 2.26 0.00	51.38 2.14 0.00	54.10 1.89 0.00	60.54 2.15 0.00	84.14 3.40 -3.00	86.62 3.85 -0.83	75.56 4.37 0.00	76.24 5.00 0.00	71.19 4.70 0.00	85.85 5.03 0.00	81.13 4.40 0.00	80.03 3.84 0.00	81.07 3.48 0.00	61.23 2.84 0.00	52.82 2.13 0.00
PEEKSKILL___ 23653	52.71 1.83 0.00	44.48 1.68 0.00	40.91 1.52 0.00	33.57 1.28 0.00	41.93 1.48 0.00	43.65 1.38 0.00	46.66 1.52 0.00	50.44 1.75 0.00	49.76 1.70 0.00	52.07 1.60 0.00	50.72 1.48 0.00	53.36 1.15 0.00	59.70 1.30 0.00	83.19 2.11 -3.34	85.23 2.37 -0.92	74.24 3.04 0.00	74.95 3.71 0.00	69.92 3.43 0.00	84.28 3.47 0.00	79.64 2.90 0.00	78.69 2.50 0.00	79.75 2.16 0.00	60.34 1.95 0.00	52.15 1.46 0.00
PGE MADISON___WINDPWR 24146	54.93 4.05 0.00	46.02 3.22 0.00	42.34 2.95 0.00	34.61 2.33 0.00	43.43 2.99 0.00	45.60 3.32 0.00	48.79 3.64 0.00	52.58 3.89 0.00	51.67 3.60 0.00	54.19 3.72 0.00	53.18 3.95 0.00	56.60 4.39 0.00	63.69 5.30 0.00	85.48 7.74 0.00	90.08 8.15 0.00	78.60 7.40 0.00	78.39 7.16 0.00	74.22 7.74 0.00	90.82 10.00 0.00	86.57 9.83 0.00	85.48 9.29 0.00	86.68 9.10 0.00	65.18 6.79 0.00	55.77 5.09 0.00

PIERCEFIELD___HYD 23852	52.17 1.29 0.00	43.78 0.98 0.00	40.24 0.84 0.00	32.77 0.49 0.00	41.10 0.66 0.00	43.20 0.92 0.00	46.42 1.27 0.00	49.82 1.13 0.00	49.06 0.99 0.00	51.24 0.77 0.00	49.99 0.75 0.00	53.12 0.91 0.00	59.36 0.96 0.00	78.81 1.07 0.00	82.40 0.46 0.00	70.12 -1.08 0.00	69.33 -1.91 0.00	64.54 -1.94 0.00	79.58 -1.24 0.00	75.75 -0.98 0.00	75.92 -0.27 0.00	77.69 0.11 0.00	58.74 0.35 0.00	51.54 0.86 0.00
PINELAWN_CC_1 323563	52.56 2.18 0.51	44.93 2.12 0.00	41.52 2.13 0.00	34.03 1.75 0.00	42.63 2.19 0.00	44.03 1.75 0.00	46.83 1.68 0.00	18.03 1.62 32.29	17.31 1.55 32.30	17.77 1.47 34.18	44.51 1.61 6.34	45.24 1.25 8.22	46.59 1.37 13.18	50.40 2.18 29.52	52.64 2.75 32.05	55.86 3.12 18.45	52.66 3.90 22.47	49.43 3.47 20.52	51.40 3.38 32.79	48.65 2.74 30.82	26.75 2.29 51.73	32.63 1.92 46.87	26.92 1.55 33.02	22.71 1.16 29.14
PJM_GEN_HTTP_PROXY 323702	53.03 2.15 0.00	44.83 2.02 0.00	41.23 1.84 0.00	33.81 1.52 0.00	42.21 1.77 0.00	43.96 1.68 0.00	46.63 1.87 0.39	55.67 2.12 -4.86	50.16 2.09 0.00	52.43 1.96 0.00	51.09 1.86 0.00	53.67 1.46 0.00	60.03 1.63 0.00	83.67 2.54 -3.40	85.74 2.86 -0.94	74.69 3.49 0.00	75.47 4.23 0.00	70.29 3.81 0.00	84.64 3.82 0.00	79.88 3.14 0.00	78.85 2.67 0.00	79.84 2.26 0.00	60.47 2.08 0.00	52.38 1.69 0.00
PJM_GEN_KEystone 24065	51.18 0.30 0.00	43.02 0.21 0.00	39.58 0.18 0.00	32.39 0.11 0.00	40.49 0.04 0.00	42.37 0.10 0.00	44.94 0.19 0.39	53.67 0.12 -4.86	48.21 0.15 0.00	50.99 0.52 0.00	49.97 0.73 0.00	53.09 0.88 0.01	59.34 1.22 0.28	92.38 2.21 -12.43	84.65 2.23 -0.49	73.76 2.56 0.00	74.55 3.32 0.00	69.71 3.22 0.00	83.89 3.08 0.00	79.43 2.69 0.00	78.19 2.01 0.00	79.28 1.70 0.00	60.35 1.95 0.00	52.16 1.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.10 1.52 1.29	44.34 1.54 0.00	40.97 1.58 0.00	33.62 1.33 0.00	42.08 1.64 0.00	43.56 1.29 0.00	45.97 1.22 0.39	14.89 1.15 34.95	9.29 1.03 39.81	9.15 0.91 42.23	42.35 1.01 7.89	42.57 0.60 10.23	42.60 0.64 16.44	40.97 1.17 37.93	42.99 1.54 40.48	50.09 2.16 23.26	45.05 2.88 29.06	43.48 2.56 25.57	42.31 2.35 40.85	40.14 1.80 38.40	13.27 1.39 64.30	17.53 1.03 61.08	12.91 0.93 46.42	15.05 0.67 36.30
PJM_GEN_VFT_PROXY 323633	52.73 1.86 0.01	44.62 1.82 0.00	41.03 1.63 0.00	33.63 1.35 0.00	41.98 1.53 0.00	43.72 1.44 0.00	46.37 1.61 0.39	55.38 1.83 -4.86	49.86 1.80 0.00	52.13 1.65 0.00	50.78 1.54 0.00	53.18 1.06 0.09	59.60 1.21 0.00	83.13 1.98 -3.40	85.17 2.29 -0.94	74.21 3.01 0.00	74.97 3.73 0.00	69.84 3.36 0.00	84.06 3.24 0.00	79.31 2.57 0.00	78.29 2.11 0.00	79.25 1.67 0.00	60.08 1.68 0.00	52.08 1.39 0.00
PLATSBURG_115KV_PMLD1 355749	51.20 0.32 0.00	43.00 0.20 0.00	39.55 0.16 0.00	32.28 -0.01 0.00	40.45 0.01 0.00	42.46 0.18 0.00	45.46 0.31 0.00	48.74 0.05 0.00	48.04 -0.03 0.00	50.08 -0.39 0.00	48.86 -0.38 0.00	52.21 0.00 0.00	58.40 0.00 0.00	77.62 -0.12 0.00	81.71 -0.23 0.00	70.01 -1.19 0.00	69.46 -1.78 0.00	64.74 -1.74 0.00	79.23 -1.58 0.00	75.30 -1.44 0.00	75.02 -1.17 0.00	76.37 -1.21 0.00	57.31 -1.08 0.00	50.45 -0.23 0.00
PLEASANTVLY___LBMP 24000	52.36 1.48 0.00	44.17 1.37 0.00	40.62 1.22 0.00	33.36 1.07 0.00	41.71 1.26 0.00	43.41 1.13 0.00	46.36 1.21 0.00	50.14 1.45 0.00	49.47 1.40 0.00	51.74 1.26 0.00	50.36 1.13 0.00	52.99 0.78 0.00	59.19 0.80 0.00	82.86 1.31 -3.81	84.54 1.54 -1.05	73.49 2.30 0.00	74.09 2.85 0.00	69.12 2.64 0.00	83.35 2.54 0.00	78.83 2.09 0.00	77.92 1.73 0.00	79.04 1.46 0.00	59.83 1.44 0.00	51.67 0.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.91 2.03 0.00	44.65 1.85 0.00	41.07 1.67 0.00	33.68 1.40 0.00	42.09 1.64 0.00	43.82 1.54 0.00	46.83 1.69 0.00	50.63 1.94 0.00	49.95 1.88 0.00	52.26 1.79 0.00	50.91 1.68 0.00	53.56 1.36 0.00	59.88 1.49 0.00	83.52 2.35 -3.43	85.57 2.69 -0.95	74.49 3.30 0.00	75.22 3.98 0.00	70.14 3.66 0.00	84.51 3.69 0.00	79.85 3.11 0.00	78.80 2.62 0.00	79.86 2.28 0.00	60.39 2.00 0.00	52.21 1.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.91 2.03 0.00	44.65 1.85 0.00	41.07 1.67 0.00	33.68 1.40 0.00	42.09 1.64 0.00	43.82 1.54 0.00	46.83 1.69 0.00	50.63 1.94 0.00	49.95 1.88 0.00	52.26 1.79 0.00	50.91 1.68 0.00	53.56 1.36 0.00	59.88 1.49 0.00	83.52 2.35 -3.43	85.57 2.69 -0.95	74.49 3.30 0.00	75.22 3.98 0.00	70.14 3.66 0.00	84.51 3.69 0.00	79.85 3.11 0.00	78.80 2.62 0.00	79.86 2.28 0.00	60.39 2.00 0.00	52.21 1.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.08 2.19 0.00	44.69 1.89 0.00	41.09 1.70 0.00	33.73 1.44 0.00	42.15 1.71 0.00	43.90 1.62 0.00	46.91 1.76 0.00	50.76 2.07 0.00	50.10 2.03 0.00	52.48 2.01 0.00	51.14 1.91 0.00	53.84 1.63 0.00	60.26 1.86 0.00	80.46 2.72 0.00	85.05 3.11 0.00	74.85 3.65 0.00	75.52 4.28 0.00	70.53 4.05 0.00	85.13 4.32 0.00	80.49 3.75 0.00	79.43 3.24 0.00	80.48 2.90 0.00	60.83 2.43 0.00	52.45 1.76 0.00
POLETTI____ 23519	52.98 2.10 0.00	44.78 1.98 0.00	41.19 1.80 0.00	33.77 1.49 0.00	42.15 1.71 0.00	43.90 1.63 0.00	46.95 1.80 0.00	50.75 2.06 0.00	50.09 2.03 0.00	52.36 1.88 0.00	51.01 1.77 0.00	53.57 1.37 0.00	59.94 1.54 0.00	83.58 2.44 -3.40	85.63 2.75 -0.94	74.59 3.40 0.00	75.33 4.09 0.00	70.17 3.69 0.00	84.48 3.66 0.00	79.73 2.99 0.00	78.70 2.52 0.00	79.66 2.08 0.00	60.35 1.96 0.00	52.29 1.61 0.00
POMONA___ESR 323819	52.72 1.84 0.00	44.48 1.68 0.00	40.92 1.53 0.00	33.57 1.29 0.00	41.93 1.48 0.00	43.65 1.37 0.00	46.68 1.53 0.00	50.46 1.77 0.00	49.79 1.72 0.00	52.14 1.66 0.00	50.77 1.54 0.00	53.46 1.25 0.00	59.87 1.48 0.00	83.34 2.42 -3.18	85.47 2.65 -0.88	74.50 3.30 0.00	75.19 3.95 0.00	70.20 3.72 0.00	84.62 3.81 0.00	79.93 3.20 0.00	78.93 2.75 0.00	79.97 2.39 0.00	60.51 2.11 0.00	52.28 1.60 0.00
PORT_JEFF_3 23555	51.66 1.76 0.98	44.64 1.84 0.00	41.28 1.88 0.00	33.83 1.55 0.00	42.41 1.97 0.00	43.82 1.55 0.00	46.50 1.35 0.00	13.15 1.23 36.77	12.57 1.28 36.77	12.75 1.25 38.97	43.37 1.40 7.26	43.81 1.02 9.42	44.48 1.19 15.11	45.10 1.74 34.38	47.37 2.36 36.93	52.78 2.78 21.19	48.72 3.49 26.01	46.10 3.14 23.52	46.18 2.96 37.59	43.77 2.36 35.33	18.68 1.71 59.21	23.28 1.04 55.35	18.29 0.93 41.03	18.09 0.81 33.40
PORT_JEFF_4 23616	51.66 1.76 0.98	44.64 1.84 0.00	41.28 1.88 0.00	33.83 1.55 0.00	42.41 1.97 0.00	43.82 1.55 0.00	46.50 1.35 0.00	13.15 1.23 36.77	12.57 1.28 36.77	12.75 1.25 38.97	43.37 1.40 7.26	43.81 1.02 9.42	44.48 1.19 15.11	45.10 1.74 34.38	47.37 2.36 36.93	52.78 2.78 21.19	48.72 3.49 26.01	46.10 3.14 23.52	46.18 2.96 37.59	43.77 2.36 35.33	18.68 1.71 59.21	23.28 1.04 55.35	18.29 0.93 41.03	18.09 0.81 33.40

PORT_JEFF_IC 23713	51.80 1.88 0.96	44.72 1.91 0.00	41.35 1.95 0.00	33.89 1.61 0.00	42.47 2.03 0.00	43.88 1.61 0.00	46.56 1.41 0.00	13.42 1.35 36.62	12.84 1.39 36.62	13.03 1.37 38.81	43.50 1.49 7.23	43.96 1.12 9.38	44.72 1.37 15.05	45.56 2.04 34.22	47.85 2.67 36.76	53.11 3.02 21.10	49.13 3.78 25.89	46.42 3.36 23.43	46.59 3.21 37.43	44.17 2.62 35.18	19.23 2.01 58.96	23.85 1.34 55.07	18.71 1.10 40.78	18.33 0.90 33.26
PPL PILGRIM_ST_GT1 24216	52.11 2.13 0.90	44.91 2.10 0.00	41.54 2.15 0.00	34.08 1.80 0.00	42.71 2.27 0.00	44.14 1.87 0.00	46.90 1.75 0.00	14.30 1.64 36.03	13.66 1.63 36.03	13.88 1.58 38.18	43.90 1.78 7.11	44.43 1.44 9.22	45.27 1.66 14.79	46.61 2.42 33.55	48.90 3.06 36.10	54.23 3.35 20.32	54.47 4.08 20.84	47.14 3.68 23.03	47.64 3.62 36.79	45.11 2.96 34.58	20.72 2.51 57.97	25.69 2.05 53.95	20.30 1.62 39.71	19.21 1.22 32.70
PPL PILGRIM_ST_GT2 24217	52.11 2.13 0.90	44.91 2.10 0.00	41.54 2.15 0.00	34.08 1.80 0.00	42.71 2.27 0.00	44.14 1.87 0.00	46.90 1.75 0.00	14.30 1.64 36.03	13.66 1.63 36.03	13.88 1.58 38.18	43.90 1.78 7.11	44.43 1.44 9.22	45.27 1.66 14.79	46.61 2.42 33.55	48.90 3.06 36.10	54.23 3.35 20.32	54.47 4.08 20.84	47.14 3.68 23.03	47.64 3.62 36.79	45.11 2.96 34.58	20.72 2.51 57.97	25.69 2.05 53.95	20.30 1.62 39.71	19.21 1.22 32.70
PPL_SHRM_GT3 24213	51.59 1.69 0.97	44.51 1.71 0.00	41.14 1.74 0.00	33.66 1.38 0.00	42.23 1.78 0.00	43.61 1.33 0.00	46.16 1.02 0.00	12.84 0.85 36.70	12.36 1.00 36.70	12.60 1.03 38.90	43.16 1.17 7.25	43.57 0.76 9.40	44.24 0.92 15.08	44.57 1.13 34.30	46.96 1.87 36.85	52.72 2.66 21.14	48.75 3.41 25.91	46.06 3.06 23.48	46.12 2.82 37.51	43.81 2.34 35.26	18.95 1.86 59.10	23.61 1.25 55.22	18.46 0.98 40.91	18.00 0.65 33.34
PPL_SHRM_GT4 24214	51.59 1.69 0.97	44.51 1.71 0.00	41.14 1.74 0.00	33.66 1.38 0.00	42.23 1.78 0.00	43.61 1.33 0.00	46.16 1.02 0.00	12.84 0.85 36.70	12.36 1.00 36.70	12.60 1.03 38.90	43.16 1.17 7.25	43.57 0.76 9.40	44.24 0.92 15.08	44.57 1.13 34.30	46.96 1.87 36.85	52.72 2.66 21.14	48.75 3.41 25.91	46.06 3.06 23.48	46.12 2.82 37.51	43.81 2.34 35.26	18.95 1.86 59.10	23.61 1.25 55.22	18.46 0.98 40.91	18.00 0.65 33.34
PROJECT___ORANGE 1 24174	50.35 -0.53 0.00	42.27 -0.54 0.00	38.90 -0.50 0.00	31.89 -0.39 0.00	39.95 -0.50 0.00	41.81 -0.49 -0.02	45.16 -0.50 -0.51	48.55 -0.53 -0.40	47.99 -0.52 -0.44	50.66 -0.34 -0.53	49.80 -0.07 -0.64	53.07 0.14 -0.73	59.69 0.38 -0.91	79.94 0.73 -1.46	84.29 0.77 -1.58	73.38 0.91 -1.28	73.88 1.35 -1.29	69.03 1.40 -1.15	83.92 1.54 -1.56	79.67 1.48 -1.45	78.71 1.10 -1.43	79.97 0.92 -1.46	60.13 0.82 -0.92	51.69 0.41 -0.59
PROJECT___ORANGE 2 24166	50.35 -0.53 0.00	42.27 -0.54 0.00	38.90 -0.50 0.00	31.89 -0.39 0.00	39.95 -0.50 0.00	41.81 -0.49 -0.02	45.16 -0.50 -0.51	48.55 -0.53 -0.40	47.99 -0.52 -0.44	50.66 -0.34 -0.53	49.80 -0.07 -0.64	53.07 0.14 -0.73	59.69 0.38 -0.91	79.94 0.73 -1.46	84.29 0.77 -1.58	73.38 0.91 -1.28	73.88 1.35 -1.29	69.03 1.40 -1.15	83.92 1.54 -1.56	79.67 1.48 -1.45	78.71 1.10 -1.43	79.97 0.92 -1.46	60.13 0.82 -0.92	51.69 0.41 -0.59
PUCKETT___SOLAR 323809	51.97 1.09 0.00	43.62 0.81 0.00	40.16 0.76 0.00	32.89 0.60 0.00	41.22 0.78 0.00	43.16 0.89 0.00	46.06 0.91 0.00	49.65 0.96 0.00	48.91 0.84 0.00	51.35 0.87 0.00	50.12 0.89 0.00	53.49 1.28 0.00	59.95 1.55 0.00	80.30 2.56 0.00	84.77 2.84 0.00	74.26 3.06 0.00	74.14 2.90 0.00	69.61 3.13 0.00	85.14 4.32 0.00	80.88 4.14 0.00	79.87 3.68 0.00	81.18 3.59 0.00	61.30 2.91 0.00	52.73 2.05 0.00
PYRITES___HYD 24023	53.15 2.27 0.00	44.58 1.78 0.00	40.95 1.56 0.00	33.33 1.05 0.00	41.82 1.38 0.00	43.99 1.71 0.00	47.27 2.13 0.00	50.63 1.94 0.00	49.57 1.50 0.00	51.67 1.19 0.00	50.30 1.07 0.00	53.51 1.30 0.00	59.72 1.32 0.00	79.60 1.86 0.00	83.11 1.17 0.00	70.71 -0.48 0.00	69.98 -1.25 0.00	65.13 -1.35 0.00	81.02 0.20 0.00	77.38 0.64 0.00	77.93 1.75 0.00	79.80 2.22 0.00	60.03 1.64 0.00	52.56 1.88 0.00
QUAKERRD_115KV_BK1 80622	49.92 -0.96 0.00	41.74 -1.06 0.00	38.35 -1.04 0.00	31.34 -0.94 0.00	39.24 -1.20 0.00	41.22 -1.05 0.00	44.24 -0.91 0.00	47.49 -1.20 0.00	47.12 -0.95 0.00	50.09 -0.38 0.00	49.57 0.34 0.00	53.23 1.02 0.00	59.95 1.55 0.00	80.18 2.44 0.00	84.35 2.41 0.00	73.41 2.22 0.00	74.30 3.06 0.00	69.62 3.14 0.00	84.11 3.29 0.00	79.84 3.11 0.00	78.45 2.26 0.00	79.42 1.84 0.00	60.28 1.89 0.00	52.05 1.37 0.00
QUENSBRY_115KV_TB8 356137	54.99 4.11 0.00	46.07 3.27 0.00	42.22 2.83 0.00	34.77 2.48 0.00	43.80 3.36 0.00	45.47 3.19 0.00	48.59 3.44 0.00	52.69 4.00 0.00	51.97 3.91 0.00	54.20 3.73 0.00	52.37 3.13 0.00	55.19 2.98 0.00	61.40 3.00 0.00	78.91 4.12 2.94	86.06 4.94 0.81	76.22 5.02 0.00	76.76 5.52 0.00	71.27 4.78 0.00	86.42 5.61 0.00	82.15 5.41 0.00	81.18 4.99 0.00	82.01 4.43 0.00	61.81 3.42 0.00	52.99 2.30 0.00
RAMAPO___LBMP 323565	52.47 1.59 0.00	44.26 1.46 0.00	40.72 1.33 0.00	33.40 1.12 0.00	41.73 1.28 0.00	43.44 1.17 0.00	46.45 1.31 0.00	50.21 1.51 0.00	49.52 1.46 0.00	51.84 1.36 0.00	50.48 1.25 0.00	53.15 0.94 0.00	59.50 1.10 0.00	82.79 1.92 -3.13	84.91 2.11 -0.86	74.00 2.80 0.00	74.69 3.45 0.00	69.72 3.24 0.00	84.07 3.26 0.00	79.42 2.68 0.00	78.47 2.29 0.00	79.52 1.94 0.00	60.19 1.80 0.00	52.00 1.32 0.00
RANKINE____ 23646	50.88 0.00 0.00	42.38 -0.42 0.00	38.89 -0.50 0.00	31.67 -0.62 0.00	39.62 -0.82 0.00	41.79 -0.49 0.00	44.80 -0.35 0.00	47.85 -0.85 0.00	47.59 -0.47 0.00	51.17 0.70 0.00	51.01 1.78 0.00	55.15 2.94 0.00	62.34 3.95 0.00	83.68 5.94 0.00	87.98 6.04 0.00	76.55 5.35 0.00	77.59 6.36 0.00	72.72 6.23 0.00	87.23 6.42 0.00	83.03 6.29 0.00	81.23 5.05 0.00	82.14 4.56 0.00	63.06 4.67 0.00	54.53 3.85 0.00
RAVENSWOOD_GT2_1 24244	53.07 2.19 0.00	44.87 2.07 0.00	41.28 1.88 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.72 0.00	47.05 1.91 0.00	50.84 2.16 0.00	50.19 2.12 0.00	52.45 1.98 0.00	51.10 1.86 0.00	53.68 1.47 0.00	60.05 1.65 0.00	83.72 2.58 -3.40	85.77 2.89 -0.94	74.71 3.52 0.00	75.46 4.23 0.00	70.29 3.81 0.00	84.64 3.82 0.00	79.92 3.18 0.00	78.88 2.70 0.00	79.87 2.29 0.00	60.50 2.11 0.00	52.42 1.73 0.00
RAVENSWOOD_GT2_2 24245	53.07 2.19 0.00	44.87 2.07 0.00	41.28 1.88 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.72 0.00	47.05 1.91 0.00	50.84 2.16 0.00	50.19 2.12 0.00	52.45 1.98 0.00	51.10 1.86 0.00	53.68 1.47 0.00	60.05 1.65 0.00	83.72 2.58 -3.40	85.77 2.89 -0.94	74.71 3.52 0.00	75.46 4.23 0.00	70.29 3.81 0.00	84.64 3.82 0.00	79.92 3.18 0.00	78.88 2.70 0.00	79.87 2.29 0.00	60.50 2.11 0.00	52.42 1.73 0.00

RAVENSWOOD_GT2_3 24246	53.10 2.22 0.00	44.89 2.09 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.27 1.83 0.00	44.03 1.75 0.00	47.07 1.93 0.00	50.86 2.18 0.00	50.21 2.15 0.00	52.49 2.02 0.00	51.14 1.90 0.00	53.72 1.51 0.00	60.11 1.71 0.00	83.80 2.65 -3.40	85.84 2.96 -0.94	74.77 3.58 0.00	75.53 4.29 0.00	70.36 3.87 0.00	84.72 3.90 0.00	79.96 3.23 0.00	78.94 2.76 0.00	79.93 2.35 0.00	60.55 2.16 0.00	52.46 1.77 0.00
RAVENSWOOD_GT2_4 24247	53.10 2.22 0.00	44.89 2.09 0.00	41.29 1.90 0.00	33.87 1.58 0.00	42.27 1.83 0.00	44.03 1.75 0.00	47.07 1.93 0.00	50.86 2.18 0.00	50.21 2.15 0.00	52.49 2.02 0.00	51.14 1.90 0.00	53.72 1.51 0.00	60.11 1.71 0.00	83.80 2.65 -3.40	85.84 2.96 -0.94	74.77 3.58 0.00	75.53 4.29 0.00	70.36 3.87 0.00	84.72 3.90 0.00	79.96 3.23 0.00	78.94 2.76 0.00	79.93 2.35 0.00	60.55 2.16 0.00	52.46 1.77 0.00
RAVENSWOOD_GT3_1 24248	53.08 2.20 0.00	44.87 2.07 0.00	41.28 1.89 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.72 0.00	47.05 1.91 0.00	50.84 2.16 0.00	50.19 2.13 0.00	52.45 1.98 0.00	51.10 1.86 0.00	53.68 1.47 0.00	60.06 1.66 0.00	83.72 2.58 -3.40	85.77 2.89 -0.94	74.71 3.52 0.00	75.46 4.23 0.00	70.30 3.82 0.00	84.64 3.82 0.00	79.92 3.18 0.00	78.88 2.70 0.00	79.87 2.29 0.00	60.50 2.11 0.00	52.42 1.73 0.00
RAVENSWOOD_GT3_2 24249	53.08 2.20 0.00	44.87 2.07 0.00	41.28 1.89 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.72 0.00	47.05 1.91 0.00	50.84 2.16 0.00	50.19 2.13 0.00	52.45 1.98 0.00	51.10 1.86 0.00	53.68 1.47 0.00	60.06 1.66 0.00	83.72 2.58 -3.40	85.77 2.89 -0.94	74.71 3.52 0.00	75.46 4.23 0.00	70.30 3.82 0.00	84.64 3.82 0.00	79.92 3.18 0.00	78.88 2.70 0.00	79.87 2.29 0.00	60.50 2.11 0.00	52.42 1.73 0.00
RAVENSWOOD_GT3_3 24250	53.20 2.32 0.00	44.96 2.16 0.00	41.37 1.97 0.00	33.91 1.63 0.00	42.34 1.89 0.00	44.09 1.82 0.00	47.15 2.00 0.00	50.95 2.26 0.00	50.30 2.24 0.00	52.58 2.11 0.00	51.23 1.99 0.00	53.80 1.59 0.00	60.22 1.82 0.00	83.96 2.82 -3.40	86.01 3.13 -0.94	74.92 3.72 0.00	75.67 4.43 0.00	70.49 4.01 0.00	84.88 4.06 0.00	80.12 3.38 0.00	79.08 2.90 0.00	80.07 2.49 0.00	60.65 2.26 0.00	52.55 1.86 0.00
RAVENSWOOD_GT3_4 24251	53.20 2.32 0.00	44.96 2.16 0.00	41.37 1.97 0.00	33.91 1.63 0.00	42.34 1.89 0.00	44.09 1.82 0.00	47.15 2.00 0.00	50.95 2.26 0.00	50.30 2.24 0.00	52.58 2.11 0.00	51.23 1.99 0.00	53.80 1.59 0.00	60.22 1.82 0.00	83.96 2.82 -3.40	86.01 3.13 -0.94	74.92 3.72 0.00	75.67 4.43 0.00	70.49 4.01 0.00	84.88 4.06 0.00	80.12 3.38 0.00	79.08 2.90 0.00	80.07 2.49 0.00	60.65 2.26 0.00	52.55 1.86 0.00
RAVENSWOOD_GT_1 23729	52.46 2.13 0.55	44.92 2.12 0.00	41.35 1.95 0.00	33.91 1.63 0.00	42.31 1.87 0.00	44.07 1.79 0.00	47.09 1.95 0.00	50.80 2.10 0.00	50.19 2.12 0.00	52.39 1.91 0.00	51.05 1.82 0.00	53.54 1.33 0.00	59.89 1.49 0.00	83.47 2.34 -3.40	85.49 2.62 -0.93	74.46 3.27 0.00	75.23 4.00 0.01	70.07 3.59 0.01	74.49 3.55 9.87	66.80 2.89 12.82	64.52 2.43 14.10	64.67 2.01 14.92	54.09 1.92 6.22	52.40 1.71 0.00
RAVENSWOOD_GT_10 24258	53.04 2.21 0.05	44.87 2.07 0.00	41.28 1.88 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.73 0.00	47.05 1.91 0.00	50.85 2.16 0.00	50.19 2.13 0.00	52.48 2.00 0.00	51.11 1.87 0.00	53.69 1.48 0.00	60.07 1.67 0.00	83.77 2.62 -3.40	85.81 2.94 -0.94	74.74 3.54 0.00	75.50 4.26 0.00	70.33 3.85 0.00	83.75 3.86 0.92	78.73 3.19 1.20	77.61 2.74 1.32	78.51 2.32 1.40	59.93 2.13 0.58	52.43 1.75 0.00
RAVENSWOOD_GT_11 24259	53.04 2.21 0.05	44.87 2.07 0.00	41.28 1.88 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.73 0.00	47.05 1.91 0.00	50.85 2.16 0.00	50.19 2.13 0.00	52.48 2.00 0.00	51.11 1.87 0.00	53.69 1.48 0.00	60.07 1.67 0.00	83.77 2.62 -3.40	85.81 2.94 -0.94	74.74 3.54 0.00	75.50 4.26 0.00	70.33 3.85 0.00	83.75 3.86 0.92	78.73 3.19 1.20	77.61 2.74 1.32	78.51 2.32 1.40	59.93 2.13 0.58	52.43 1.75 0.00
RAVENSWOOD_GT_4 24252	52.72 2.25 0.42	44.88 2.08 0.00	41.28 1.89 0.00	33.85 1.56 0.00	42.27 1.82 0.00	44.01 1.74 0.00	47.07 1.92 0.00	50.88 2.19 0.00	50.21 2.15 0.00	52.52 2.04 0.00	51.15 1.92 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.85 2.71 -3.40	85.90 3.02 -0.93	74.83 3.63 0.00	75.59 4.35 0.01	70.40 3.93 0.01	77.26 3.97 7.52	70.27 3.30 9.76	68.27 2.82 10.74	68.63 2.41 11.36	55.85 2.20 4.74	52.45 1.77 0.00
RAVENSWOOD_GT_5 24254	52.72 2.25 0.42	44.88 2.08 0.00	41.28 1.89 0.00	33.85 1.56 0.00	42.27 1.82 0.00	44.01 1.74 0.00	47.07 1.92 0.00	50.88 2.19 0.00	50.21 2.15 0.00	52.52 2.04 0.00	51.15 1.92 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.85 2.71 -3.40	85.90 3.02 -0.93	74.83 3.63 0.00	75.59 4.35 0.01	70.40 3.93 0.01	77.26 3.97 7.52	70.27 3.30 9.76	68.27 2.82 10.74	68.63 2.41 11.36	55.85 2.20 4.74	52.45 1.77 0.00
RAVENSWOOD_GT_6 24253	52.72 2.25 0.42	44.88 2.08 0.00	41.28 1.89 0.00	33.85 1.56 0.00	42.27 1.82 0.00	44.01 1.74 0.00	47.07 1.92 0.00	50.88 2.19 0.00	50.21 2.15 0.00	52.52 2.04 0.00	51.15 1.92 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.85 2.71 -3.40	85.90 3.02 -0.93	74.83 3.63 0.00	75.59 4.35 0.01	70.40 3.93 0.01	77.26 3.97 7.52	70.27 3.30 9.76	68.27 2.82 10.74	68.63 2.41 11.36	55.85 2.20 4.74	52.45 1.77 0.00
RAVENSWOOD_GT_7 24255	52.72 2.25 0.42	44.88 2.08 0.00	41.28 1.89 0.00	33.85 1.56 0.00	42.27 1.82 0.00	44.01 1.74 0.00	47.07 1.92 0.00	50.88 2.19 0.00	50.21 2.15 0.00	52.52 2.04 0.00	51.15 1.92 0.00	53.74 1.53 0.00	60.14 1.74 0.00	83.85 2.71 -3.40	85.90 3.02 -0.93	74.83 3.63 0.00	75.59 4.35 0.01	70.40 3.93 0.01	77.26 3.97 7.52	70.27 3.30 9.76	68.27 2.82 10.74	68.63 2.41 11.36	55.85 2.20 4.74	52.45 1.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.04 2.21 0.05	44.87 2.07 0.00	41.28 1.88 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.73 0.00	47.05 1.91 0.00	50.85 2.16 0.00	50.19 2.13 0.00	52.48 2.00 0.00	51.11 1.87 0.00	53.69 1.48 0.00	60.07 1.67 0.00	83.77 2.62 -3.40	85.81 2.94 -0.94	74.74 3.54 0.00	75.50 4.26 0.00	70.33 3.85 0.00	83.75 3.86 0.92	78.73 3.19 1.20	77.61 2.74 1.32	78.51 2.32 1.40	59.93 2.13 0.58	52.43 1.75 0.00
RAVENSWOOD_GT_9 24257	53.04 2.21 0.05	44.87 2.07 0.00	41.28 1.88 0.00	33.84 1.56 0.00	42.26 1.81 0.00	44.00 1.73 0.00	47.05 1.91 0.00	50.85 2.16 0.00	50.19 2.13 0.00	52.48 2.00 0.00	51.11 1.87 0.00	53.69 1.48 0.00	60.07 1.67 0.00	83.77 2.62 -3.40	85.81 2.94 -0.94	74.74 3.54 0.00	75.50 4.26 0.00	70.33 3.85 0.00	83.75 3.86 0.92	78.73 3.19 1.20	77.61 2.74 1.32	78.51 2.32 1.40	59.93 2.13 0.58	52.43 1.75 0.00

RAVENSWOOD___1 23533	52.19 2.09 0.78	44.88 2.08 0.00	41.31 1.92 0.00	33.88 1.60 0.00	42.27 1.83 0.00	44.03 1.76 0.00	47.05 1.90 0.00	50.76 2.07 0.00	50.14 2.08 0.00	52.34 1.86 0.00	51.01 1.78 0.00	53.50 1.29 0.00	59.83 1.44 0.00	83.40 2.27 -3.40	85.41 2.53 -0.93	74.40 3.20 0.00	75.16 3.93 0.01	70.01 3.54 0.01	70.27 3.50 14.04	61.34 2.84 18.23	58.51 2.37 20.05	58.33 1.97 21.21	51.42 1.87 8.84	52.36 1.68 0.00
RAVENSWOOD___2 23534	51.76 1.66 0.79	44.66 1.86 0.00	41.21 1.81 0.00	33.80 1.52 0.00	42.18 1.74 0.00	43.93 1.65 0.00	46.85 1.70 0.00	50.40 1.71 0.00	49.73 1.67 0.00	51.88 1.41 0.00	50.56 1.33 0.00	53.02 0.81 0.00	59.31 0.91 0.00	82.67 1.53 -3.40	84.56 1.68 -0.93	73.68 2.49 0.00	74.39 3.16 0.01	69.32 2.85 0.01	69.32 2.66 14.15	60.40 2.04 18.38	57.65 1.67 20.21	57.46 1.26 21.38	50.83 1.35 8.92	52.04 1.36 0.00
RAVENSWOOD___3 23535	53.08 2.20 0.00	44.87 2.07 0.00	41.28 1.89 0.00	33.85 1.56 0.00	42.26 1.82 0.00	44.00 1.72 0.00	47.05 1.91 0.00	50.85 2.16 0.00	50.19 2.12 0.00	52.46 1.99 0.00	51.11 1.87 0.00	53.68 1.47 0.00	60.06 1.66 0.00	83.72 2.58 -3.40	85.75 2.87 -0.94	74.71 3.52 0.00	75.46 4.22 0.00	70.30 3.82 0.00	84.64 3.83 0.00	79.92 3.19 0.00	78.88 2.70 0.00	79.88 2.30 0.00	60.51 2.12 0.00	52.42 1.74 0.00
RAVENSWOOD___4 23820	51.92 2.05 1.01	44.85 2.04 0.00	41.28 1.88 0.00	33.86 1.57 0.00	42.24 1.80 0.00	44.00 1.72 0.00	47.02 1.87 0.00	50.72 2.03 0.00	50.10 2.04 0.00	52.29 1.82 0.00	50.96 1.73 0.00	53.46 1.24 0.00	59.78 1.38 0.00	83.33 2.19 -3.40	85.33 2.46 -0.93	74.36 3.17 0.00	75.09 3.86 0.01	69.95 3.48 0.01	65.97 3.42 18.26	55.82 2.80 23.72	52.42 2.32 26.08	51.91 1.92 27.59	48.72 1.84 11.51	52.32 1.63 0.00
RCPL_TRUST___DRP 24196	53.09 2.21 0.00	44.87 2.07 0.00	41.28 1.89 0.00	33.85 1.56 0.00	42.27 1.82 0.00	44.02 1.75 0.00	47.07 1.93 0.00	50.89 2.20 0.00	50.24 2.17 0.00	52.52 2.04 0.00	51.15 1.92 0.00	53.74 1.53 0.00	60.13 1.73 0.00	83.84 2.70 -3.40	85.90 3.02 -0.94	74.83 3.63 0.00	75.61 4.37 0.00	70.42 3.93 0.00	84.76 3.94 0.00	80.00 3.27 0.00	78.96 2.78 0.00	79.94 2.36 0.00	60.54 2.15 0.00	52.45 1.76 0.00
RED___ROCHESTER 323720	51.53 0.65 0.00	43.02 0.22 0.00	39.50 0.11 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.43 0.00	48.88 0.19 0.00	48.58 0.51 0.00	51.79 1.32 0.00	51.38 2.14 0.00	55.33 3.12 0.00	62.40 4.00 0.00	83.63 5.90 0.00	87.89 5.95 0.00	76.53 5.33 0.00	77.60 6.36 0.00	72.74 6.25 0.00	87.73 6.91 0.00	83.25 6.51 0.00	81.59 5.40 0.00	82.50 4.91 0.00	62.77 4.37 0.00	54.18 3.50 0.00
REGAN___SOLAR 323812	54.44 3.56 0.00	45.67 2.87 0.00	41.93 2.54 0.00	34.34 2.05 0.00	43.08 2.64 0.00	44.99 2.72 0.00	48.02 2.88 0.00	51.60 2.91 0.00	50.21 2.15 0.00	51.98 1.50 0.00	49.79 0.56 0.00	52.71 0.50 0.00	58.95 0.55 0.00	76.47 0.74 2.01	82.82 1.43 0.56	73.11 1.91 0.00	74.11 2.87 0.00	68.62 2.14 0.00	86.47 5.66 0.00	83.34 6.61 0.00	82.83 6.64 0.00	84.26 6.68 0.00	63.42 5.03 0.00	54.71 4.02 0.00
RENSSELAER___COGEN 23796	50.66 -0.22 0.00	42.79 -0.01 0.00	39.42 0.03 0.00	32.53 0.24 0.00	40.71 0.27 0.00	42.37 0.09 0.00	45.15 0.00 0.00	48.86 0.17 0.00	48.21 0.14 0.00	50.41 -0.06 0.00	48.97 -0.26 0.00	51.54 -0.67 0.00	57.31 -1.09 0.00	73.54 -1.56 2.64	79.70 -1.51 0.73	70.67 -0.53 0.00	70.94 -0.29 0.00	66.19 -0.29 0.00	80.16 -0.65 0.00	76.05 -0.69 0.00	75.42 -0.77 0.00	76.77 -0.81 0.00	57.98 -0.41 0.00	49.98 -0.71 0.00
REPUBLIC_115KV_BARTNBK 55605	57.97 7.09 0.00	48.36 5.56 0.00	44.19 4.79 0.00	36.50 4.21 0.00	46.27 5.82 0.00	47.79 5.51 0.00	51.19 6.04 0.00	55.65 6.96 0.00	54.67 6.60 0.00	56.95 6.48 0.00	54.96 5.72 0.00	57.47 5.26 0.00	64.00 5.60 0.00	82.59 7.83 2.98	90.45 9.33 0.82	80.34 9.14 0.00	81.45 10.21 0.00	76.00 9.51 0.00	91.95 11.14 0.00	87.25 10.51 0.00	86.25 10.07 0.00	86.41 8.83 0.00	65.62 7.23 0.00	55.65 4.96 0.00
REVERE_CPPR_DRP 24186	53.26 2.37 0.00	44.71 1.91 0.00	41.08 1.68 0.00	33.59 1.31 0.00	42.11 1.67 0.00	44.11 1.84 0.00	47.39 2.25 0.00	51.06 2.37 0.00	50.22 2.15 0.00	52.46 1.98 0.00	51.31 2.07 0.00	54.64 2.42 0.00	61.37 2.97 0.00	81.51 3.78 0.00	86.14 4.21 0.00	75.17 3.97 0.00	75.75 4.51 0.00	70.63 4.15 0.00	86.23 5.41 0.00	82.20 5.46 0.00	81.56 5.37 0.00	82.97 5.39 0.00	62.40 4.01 0.00	53.68 2.99 0.00
REYNLDPA_13_KV_LD 356490	51.60 0.72 0.00	43.35 0.54 0.00	39.86 0.47 0.00	32.52 0.23 0.00	40.76 0.32 0.00	42.78 0.51 0.00	45.82 0.67 0.00	49.27 0.58 0.00	48.71 0.65 0.00	51.13 0.65 0.00	49.77 0.54 0.00	52.91 0.70 0.00	59.14 0.74 0.00	78.63 0.89 0.00	82.69 0.75 0.00	70.93 -0.27 0.00	70.40 -0.84 0.00	65.51 -0.97 0.00	80.15 -0.66 0.00	76.07 -0.67 0.00	75.93 -0.25 0.00	77.47 -0.12 0.00	58.08 -0.31 0.00	50.85 0.16 0.00
REYNOLDS_115KV_TB3 80639	51.14 0.26 0.00	43.14 0.34 0.00	39.67 0.28 0.00	32.74 0.46 0.00	40.99 0.55 0.00	42.66 0.38 0.00	45.45 0.30 0.00	49.22 0.53 0.00	48.57 0.51 0.00	50.78 0.31 0.00	49.33 0.10 0.00	51.94 -0.27 0.00	57.76 -0.64 0.00	73.62 -0.93 3.19	80.20 -0.85 0.88	71.30 0.11 0.00	71.58 0.34 0.00	66.74 0.26 0.00	80.75 -0.06 0.00	76.63 -0.11 0.00	76.02 -0.16 0.00	77.39 -0.19 0.00	58.50 0.11 0.00	50.40 -0.29 0.00
RIVERBAY____ 323610	55.12 4.24 0.00	46.61 3.81 0.00	42.89 3.50 0.00	35.19 2.90 0.00	43.91 3.47 0.00	45.87 3.59 0.00	49.10 3.96 0.00	52.93 4.23 0.00	52.25 4.19 0.00	54.57 4.09 0.00	52.98 3.74 0.00	55.55 3.34 0.00	62.14 3.75 0.00	86.22 5.08 -3.40	88.45 5.56 -0.95	77.25 6.05 0.00	78.04 6.80 -0.01	72.77 6.28 -0.01	88.09 7.27 -0.01	83.21 6.46 -0.01	82.08 5.89 -0.01	82.65 5.06 -0.01	62.61 4.22 -0.01	54.26 3.58 0.00
RIVERSDE_115KV_TB3 55908	51.03 0.15 0.00	43.06 0.26 0.00	39.63 0.23 0.00	32.69 0.41 0.00	40.92 0.48 0.00	42.58 0.31 0.00	45.40 0.25 0.00	49.13 0.44 0.00	48.50 0.43 0.00	50.72 0.25 0.00	49.30 0.07 0.00	51.90 -0.31 0.00	57.74 -0.65 0.00	73.88 -0.93 2.93	80.27 -0.86 0.81	71.28 0.08 0.00	71.57 0.33 0.00	66.76 0.28 0.00	80.80 -0.01 0.00	76.66 -0.08 0.00	76.02 -0.16 0.00	77.36 -0.22 0.00	58.44 0.05 0.00	50.35 -0.34 0.00
ROARING___BROOK_WT_PWR 323790	50.94 0.06 0.00	42.84 0.04 0.00	39.43 0.04 0.00	32.28 0.00 0.00	40.44 0.00 0.00	42.32 0.04 0.00	45.21 0.06 0.00	48.74 0.05 0.00	48.11 0.05 0.00	50.51 0.03 0.00	49.22 -0.02 0.00	52.21 0.00 0.00	58.39 0.00 0.00	77.71 -0.03 0.00	81.85 -0.09 0.00	70.96 -0.23 0.00	70.85 -0.39 0.00	66.09 -0.39 0.00	80.47 -0.35 0.00	76.41 -0.33 0.00	75.63 -0.55 0.00	76.99 -0.59 0.00	58.11 -0.28 0.00	50.59 -0.09 0.00

ROCHESRG_115KV_T4 355643	50.82 -0.06 0.00	42.47 -0.33 0.00	39.00 -0.39 0.00	31.86 -0.42 0.00	39.89 -0.55 0.00	41.93 -0.35 0.00	44.99 -0.15 0.00	48.21 -0.48 0.00	47.87 -0.20 0.00	51.03 0.56 0.00	50.57 1.34 0.00	54.37 2.17 0.00	61.28 2.88 0.00	82.03 4.29 0.00	86.23 4.29 0.00	75.01 3.81 0.00	75.99 4.75 0.00	71.19 4.71 0.00	85.90 5.08 0.00	81.54 4.80 0.00	80.05 3.87 0.00	81.03 3.45 0.00	61.68 3.29 0.00	53.30 2.62 0.00
ROCHESTER_9_IC 23652	51.19 0.31 0.00	42.76 -0.04 0.00	39.26 -0.13 0.00	32.05 -0.23 0.00	40.15 -0.30 0.00	42.21 -0.06 0.00	45.30 0.15 0.00	48.56 -0.13 0.00	48.23 0.17 0.00	51.43 0.96 0.00	51.01 1.77 0.00	54.87 2.67 0.00	61.87 3.47 0.00	82.82 5.09 0.00	87.06 5.12 0.00	75.80 4.60 0.00	76.80 5.56 0.00	71.99 5.51 0.00	86.85 6.03 0.00	82.42 5.68 0.00	80.85 4.67 0.00	81.80 4.22 0.00	62.24 3.85 0.00	53.75 3.07 0.00
ROCKVIEW_13_KV_LD 356306	53.30 2.42 0.00	44.92 2.12 0.00	41.31 1.92 0.00	33.90 1.62 0.00	42.34 1.90 0.00	44.08 1.81 0.00	47.09 1.95 0.00	50.91 2.21 0.00	50.23 2.17 0.00	52.54 2.07 0.00	51.25 2.01 0.00	53.89 1.69 0.00	60.24 1.84 0.00	84.01 2.86 -3.40	86.12 3.24 -0.94	74.98 3.79 0.00	75.72 4.48 0.00	70.66 4.18 0.00	85.13 4.32 0.00	80.42 3.68 0.00	79.39 3.21 0.00	80.37 2.79 0.00	60.81 2.42 0.00	52.58 1.89 0.00
ROME____115KV_TB2 80656	53.26 2.37 0.00	44.71 1.91 0.00	41.08 1.68 0.00	33.59 1.31 0.00	42.11 1.67 0.00	44.11 1.84 0.00	47.39 2.25 0.00	51.06 2.37 0.00	50.22 2.15 0.00	52.46 1.98 0.00	51.31 2.07 0.00	54.64 2.42 0.00	61.37 2.97 0.00	81.51 3.78 0.00	86.14 4.21 0.00	75.17 3.97 0.00	75.75 4.51 0.00	70.63 4.15 0.00	86.23 5.41 0.00	82.20 5.46 0.00	81.56 5.37 0.00	82.97 5.39 0.00	62.40 4.01 0.00	53.68 2.99 0.00
ROSETON___1 23587	52.27 1.39 0.00	44.09 1.29 0.00	40.57 1.17 0.00	33.32 1.03 0.00	41.64 1.20 0.00	43.35 1.07 0.00	46.29 1.15 0.00	50.04 1.35 0.00	49.34 1.28 0.00	51.62 1.15 0.00	50.27 1.03 0.00	52.90 0.69 0.00	59.14 0.74 0.00	82.10 1.22 -3.14	84.27 1.46 -0.87	73.40 2.20 0.00	74.00 2.76 0.00	69.06 2.57 0.00	83.29 2.48 0.00	78.78 2.04 0.00	77.86 1.68 0.00	78.97 1.39 0.00	59.77 1.38 0.00	51.63 0.94 0.00
ROSETON___2 23588	52.27 1.39 0.00	44.09 1.29 0.00	40.57 1.17 0.00	33.32 1.03 0.00	41.64 1.20 0.00	43.35 1.07 0.00	46.29 1.15 0.00	50.04 1.35 0.00	49.34 1.28 0.00	51.62 1.15 0.00	50.27 1.03 0.00	52.90 0.69 0.00	59.14 0.74 0.00	82.10 1.22 -3.14	84.27 1.46 -0.87	73.40 2.20 0.00	74.00 2.76 0.00	69.06 2.57 0.00	83.29 2.48 0.00	78.78 2.04 0.00	77.86 1.68 0.00	78.97 1.39 0.00	59.77 1.38 0.00	51.63 0.94 0.00
ROTTRDAM_115KV_TB3 80664	52.13 1.25 0.00	43.86 1.06 0.00	40.34 0.94 0.00	33.16 0.88 0.00	41.57 1.12 0.00	43.31 1.03 0.00	46.17 1.02 0.00	49.87 1.18 0.00	49.17 1.10 0.00	51.42 0.95 0.00	49.98 0.75 0.00	52.84 0.63 0.00	58.97 0.57 0.00	76.23 0.76 2.28	82.29 0.98 0.63	72.67 1.48 0.00	73.01 1.77 0.00	68.11 1.63 0.00	82.71 1.90 0.00	78.66 1.92 0.00	77.95 1.76 0.00	79.25 1.67 0.00	59.82 1.43 0.00	51.65 0.96 0.00
RUSSELL___1 23602	51.53 0.65 0.00	43.02 0.22 0.00	39.49 0.10 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.42 0.00	48.88 0.19 0.00	48.56 0.50 0.00	51.80 1.33 0.00	51.40 2.16 0.00	55.32 3.12 0.00	62.40 4.00 0.00	83.56 5.82 0.00	87.84 5.90 0.00	76.51 5.32 0.00	77.57 6.33 0.00	72.74 6.25 0.00	87.74 6.93 0.00	83.24 6.50 0.00	81.58 5.39 0.00	82.49 4.90 0.00	62.76 4.37 0.00	54.18 3.50 0.00
RUSSELL___2 23532	51.53 0.65 0.00	43.02 0.22 0.00	39.49 0.10 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.42 0.00	48.88 0.19 0.00	48.56 0.50 0.00	51.80 1.33 0.00	51.40 2.16 0.00	55.32 3.12 0.00	62.40 4.00 0.00	83.56 5.82 0.00	87.84 5.90 0.00	76.51 5.32 0.00	77.57 6.33 0.00	72.74 6.25 0.00	87.74 6.93 0.00	83.24 6.50 0.00	81.58 5.39 0.00	82.49 4.90 0.00	62.76 4.37 0.00	54.18 3.50 0.00
RUSSELL___3 23549	51.53 0.65 0.00	43.02 0.22 0.00	39.49 0.10 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.42 0.00	48.88 0.19 0.00	48.56 0.50 0.00	51.80 1.33 0.00	51.40 2.16 0.00	55.32 3.12 0.00	62.40 4.00 0.00	83.56 5.82 0.00	87.84 5.90 0.00	76.51 5.32 0.00	77.57 6.33 0.00	72.74 6.25 0.00	87.74 6.93 0.00	83.24 6.50 0.00	81.58 5.39 0.00	82.49 4.90 0.00	62.76 4.37 0.00	54.18 3.50 0.00
RUSSELL___4 23556	51.53 0.65 0.00	43.02 0.22 0.00	39.49 0.10 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.42 0.00	48.88 0.19 0.00	48.56 0.50 0.00	51.80 1.33 0.00	51.40 2.16 0.00	55.32 3.12 0.00	62.40 4.00 0.00	83.56 5.82 0.00	87.84 5.90 0.00	76.51 5.32 0.00	77.57 6.33 0.00	72.74 6.25 0.00	87.74 6.93 0.00	83.24 6.50 0.00	81.58 5.39 0.00	82.49 4.90 0.00	62.76 4.37 0.00	54.18 3.50 0.00
RUSSELL___STATION 23914	51.53 0.65 0.00	43.02 0.22 0.00	39.49 0.10 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.42 0.00	48.88 0.19 0.00	48.56 0.50 0.00	51.80 1.33 0.00	51.40 2.16 0.00	55.32 3.12 0.00	62.40 4.00 0.00	83.56 5.82 0.00	87.84 5.90 0.00	76.51 5.32 0.00	77.57 6.33 0.00	72.74 6.25 0.00	87.74 6.93 0.00	83.24 6.50 0.00	81.58 5.39 0.00	82.49 4.90 0.00	62.76 4.37 0.00	54.18 3.50 0.00
S SALMON___HYD 24043	51.27 0.39 0.00	43.04 0.24 0.00	39.60 0.21 0.00	32.42 0.14 0.00	40.62 0.18 0.00	42.69 0.27 -0.14	48.82 0.38 -3.29	51.47 0.24 -2.55	50.95 0.08 -2.80	53.97 0.12 -3.37	53.65 0.34 -4.08	57.31 0.45 -4.65	64.90 0.66 -5.84	88.09 0.97 -9.38	92.99 0.91 -10.14	80.16 0.77 -8.19	80.44 0.95 -8.25	74.92 1.03 -7.40	92.52 1.67 -10.03	87.80 1.78 -9.28	87.11 1.78 -9.15	88.95 2.00 -9.37	66.13 1.85 -5.88	55.76 1.28 -3.80
S.PERRY__115KV_TB1 80734	53.10 2.22 0.00	44.31 1.51 0.00	40.68 1.29 0.00	33.19 0.91 0.00	41.58 1.14 0.00	43.71 1.43 0.00	46.74 1.59 0.00	49.15 0.46 0.00	47.77 -0.29 0.00	51.10 0.63 0.00	50.45 1.21 0.00	54.06 1.85 0.00	61.32 2.93 0.00	81.93 4.19 0.00	86.17 4.24 0.00	75.24 4.04 0.00	76.63 5.39 0.00	71.61 5.12 0.00	85.79 4.98 0.00	83.15 6.41 0.00	82.07 5.88 0.00	83.33 5.75 0.00	63.37 4.98 0.00	54.43 3.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.49 -0.39 0.00	42.06 -0.74 0.00	38.61 -0.78 0.00	31.44 -0.84 0.00	39.33 -1.11 0.00	41.49 -0.79 0.00	44.50 -0.65 0.00	47.42 -1.28 0.00	47.20 -0.87 0.00	50.77 0.30 0.00	50.67 1.43 0.00	54.79 2.58 0.00	61.89 3.49 0.00	83.01 5.27 0.00	87.23 5.29 0.00	75.82 4.63 0.00	76.91 5.67 0.00	72.04 5.56 0.00	86.44 5.63 0.00	82.17 5.44 0.00	80.45 4.26 0.00	81.32 3.74 0.00	62.53 4.14 0.00	54.17 3.49 0.00

SAWYER___23_KV_LOAD 55526	50.49 -0.39 0.00	42.06 -0.74 0.00	38.61 -0.78 0.00	31.44 -0.84 0.00	39.33 -1.11 0.00	41.49 -0.79 0.00	44.50 -0.65 0.00	47.42 -1.28 0.00	47.20 -0.87 0.00	50.77 0.30 0.00	50.67 1.43 0.00	54.79 2.58 0.00	61.89 3.49 0.00	83.01 5.27 0.00	87.23 5.29 0.00	75.82 4.63 0.00	76.91 5.67 0.00	72.04 5.56 0.00	86.44 5.63 0.00	82.17 5.44 0.00	80.45 4.26 0.00	81.32 3.74 0.00	62.53 4.14 0.00	54.17 3.49 0.00
SELKIRK___I 23801	50.44 -0.44 0.00	43.14 0.34 0.00	39.80 0.41 0.00	32.81 0.53 0.00	41.10 0.66 0.00	42.80 0.53 0.00	45.59 0.44 0.00	49.26 0.57 0.00	48.55 0.48 0.00	50.76 0.28 0.00	49.30 0.06 0.00	51.84 -0.37 0.00	57.15 -1.25 0.00	73.56 -2.55 1.63	78.87 -2.62 0.45	69.62 -1.57 0.00	69.93 -1.31 0.00	65.29 -1.19 0.00	79.17 -1.64 0.00	75.22 -1.52 0.00	74.67 -1.52 0.00	76.05 -1.53 0.00	57.47 -0.93 0.00	49.58 -1.11 0.00
SELKIRK___II 23799	50.55 -0.33 0.00	42.84 0.04 0.00	39.59 0.20 0.00	32.67 0.38 0.00	40.91 0.46 0.00	42.59 0.31 0.00	45.37 0.23 0.00	49.07 0.38 0.00	48.41 0.34 0.00	50.63 0.16 0.00	49.17 -0.07 0.00	51.60 -0.62 0.00	57.26 -1.14 0.00	74.14 -1.67 1.92	79.76 -1.65 0.53	70.47 -0.72 0.00	70.75 -0.49 0.00	65.99 -0.49 0.00	79.94 -0.88 0.00	75.82 -0.91 0.00	75.20 -0.99 0.00	76.53 -1.05 0.00	57.82 -0.57 0.00	49.88 -0.81 0.00
SENECA OSWGO___HYD 24041	49.94 -0.94 0.00	41.98 -0.82 0.00	38.66 -0.74 0.00	31.71 -0.57 0.00	39.71 -0.73 0.00	41.76 -0.73 -0.21	49.45 -0.76 -5.06	51.74 -0.87 -3.92	51.47 -0.90 -4.30	54.88 -0.78 -5.19	54.92 -0.59 -6.27	58.96 -0.41 -7.16	67.10 -0.28 -8.98	91.98 -0.19 -14.43	97.29 -0.25 -15.60	83.85 0.05 -12.60	84.24 0.31 -12.70	78.38 0.51 -11.38	96.81 0.56 -15.44	91.61 0.58 -14.29	90.55 0.30 -14.07	92.15 0.15 -14.42	67.68 0.24 -9.05	56.49 -0.04 -5.84
SENECA___115KV_TB3 355854	50.98 0.10 0.00	42.46 -0.35 0.00	38.97 -0.43 0.00	31.73 -0.56 0.00	39.69 -0.75 0.00	41.86 -0.42 0.00	44.88 -0.27 0.00	47.94 -0.75 0.00	47.68 -0.38 0.00	51.28 0.81 0.00	51.12 1.89 0.00	55.27 3.07 0.00	62.50 4.10 0.00	83.90 6.16 0.00	88.21 6.27 0.00	76.74 5.55 0.00	77.80 6.56 0.00	72.90 6.42 0.00	87.44 6.63 0.00	83.24 6.50 0.00	81.43 5.24 0.00	82.33 4.74 0.00	63.21 4.82 0.00	54.65 3.97 0.00
SENECA___ENERGY 23797	50.64 -0.24 0.00	42.46 -0.34 0.00	39.06 -0.33 0.00	31.94 -0.35 0.00	40.02 -0.43 0.00	42.00 -0.35 -0.07	46.28 -0.56 -1.70	49.39 -0.61 -1.31	48.85 -0.66 -1.44	51.27 -0.95 -1.74	50.72 -0.61 -2.10	54.51 -0.10 -2.40	61.85 0.44 -3.01	83.49 0.91 -4.84	88.22 1.05 -5.23	76.39 0.97 -4.23	77.33 1.83 -4.26	72.42 2.11 -3.82	88.48 2.48 -5.18	83.57 2.05 -4.79	82.41 1.51 -4.72	83.35 0.92 -4.84	62.23 0.77 -3.07	53.14 0.21 -2.25
SHOEMAKER___GT 23640	52.32 1.44 0.00	44.09 1.29 0.00	40.57 1.17 0.00	33.30 1.02 0.00	41.62 1.18 0.00	43.35 1.07 0.00	46.30 1.16 0.00	50.05 1.35 0.00	49.37 1.30 0.00	51.65 1.18 0.00	50.32 1.09 0.00	53.00 0.79 0.00	59.34 0.94 0.00	82.02 1.46 -2.82	84.49 1.77 -0.78	73.57 2.37 0.00	74.09 2.85 0.00	69.21 2.73 0.00	83.72 2.91 0.00	79.29 2.56 0.00	78.46 2.27 0.00	79.57 1.99 0.00	60.14 1.75 0.00	51.92 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	52.29 1.41 0.00	44.06 1.26 0.00	40.55 1.15 0.00	33.28 1.00 0.00	41.61 1.16 0.00	43.33 1.05 0.00	46.27 1.13 0.00	50.01 1.32 0.00	49.33 1.26 0.00	51.63 1.15 0.00	50.30 1.06 0.00	52.99 0.78 0.00	59.33 0.93 0.00	82.04 1.52 -2.79	84.49 1.78 -0.77	73.57 2.37 0.00	74.10 2.86 0.00	69.22 2.74 0.00	83.68 2.86 0.00	79.22 2.49 0.00	78.36 2.17 0.00	79.47 1.89 0.00	60.08 1.68 0.00	51.88 1.19 0.00
SHOREHAM_IC_1 23715	51.59 1.69 0.97	44.51 1.71 0.00	41.14 1.74 0.00	33.66 1.38 0.00	42.23 1.78 0.00	43.61 1.33 0.00	46.16 1.02 0.00	12.84 0.85 36.70	12.36 1.00 36.70	12.60 1.03 38.90	43.16 1.17 7.25	43.57 0.76 9.40	44.24 0.92 15.08	44.57 1.13 34.30	46.96 1.87 36.85	52.72 2.66 21.14	48.75 3.41 25.91	46.06 3.06 23.48	46.12 2.82 37.51	43.81 2.34 35.26	18.95 1.86 59.10	23.61 1.25 55.22	18.46 0.98 40.91	18.00 0.65 33.34
SHOREHAM_IC_2 23716	51.60 1.70 0.97	44.51 1.71 0.00	41.13 1.74 0.00	33.66 1.38 0.00	42.23 1.78 0.00	43.61 1.33 0.00	46.16 1.02 0.00	12.88 0.89 36.70	12.40 1.04 36.70	12.63 1.05 38.90	43.15 1.16 7.25	43.55 0.74 9.40	44.24 0.93 15.08	44.69 1.25 34.30	47.05 1.96 36.85	52.73 2.68 21.14	48.80 3.47 25.91	46.04 3.04 23.48	46.10 2.80 37.51	43.79 2.32 35.26	18.96 1.87 59.10	23.62 1.25 55.22	18.45 0.96 40.91	17.99 0.65 33.34
SISSONVILLE___ 23735	52.17 1.29 0.00	43.78 0.98 0.00	40.24 0.84 0.00	32.77 0.49 0.00	41.10 0.66 0.00	43.20 0.92 0.00	46.42 1.27 0.00	49.82 1.13 0.00	49.06 0.99 0.00	51.24 0.77 0.00	49.99 0.75 0.00	53.12 0.91 0.00	59.36 0.96 0.00	78.81 1.07 0.00	82.40 0.46 0.00	70.12 -1.08 0.00	69.33 -1.91 0.00	64.54 -1.94 0.00	79.58 -1.24 0.00	75.75 -0.98 0.00	75.92 -0.27 0.00	77.69 0.11 0.00	58.74 0.35 0.00	51.54 0.86 0.00
SITHE_IND_GS1 24169	49.30 -1.58 0.00	41.44 -1.36 0.00	38.14 -1.25 0.00	31.28 -1.00 0.00	39.17 -1.27 0.00	40.23 -1.32 0.73	26.18 -1.36 17.61	33.54 -1.52 13.64	31.61 -1.49 14.97	30.97 -1.45 18.06	26.18 -1.24 21.81	26.14 -1.16 24.92	25.98 -1.17 31.24	26.11 -1.42 50.21	26.13 -1.53 54.28	26.21 -1.16 43.83	26.19 -0.88 44.17	26.18 -0.71 39.60	26.14 -0.97 53.70	26.13 -0.91 49.70	26.09 -1.15 48.95	26.13 -1.30 50.16	26.07 -0.83 31.50	29.48 -0.89 20.32
SITHE_IND_GS2 24170	49.30 -1.58 0.00	41.44 -1.36 0.00	38.14 -1.25 0.00	31.28 -1.00 0.00	39.17 -1.27 0.00	40.23 -1.32 0.73	26.18 -1.36 17.61	33.54 -1.52 13.64	31.61 -1.49 14.97	30.97 -1.45 18.06	26.18 -1.24 21.81	26.14 -1.16 24.92	25.98 -1.17 31.24	26.11 -1.42 50.21	26.13 -1.53 54.28	26.21 -1.16 43.83	26.19 -0.88 44.17	26.18 -0.71 39.60	26.14 -0.97 53.70	26.13 -0.91 49.70	26.09 -1.15 48.95	26.13 -1.30 50.16	26.07 -0.83 31.50	29.48 -0.89 20.32
SITHE_IND_GS3 24171	49.30 -1.58 0.00	41.44 -1.36 0.00	38.14 -1.25 0.00	31.28 -1.00 0.00	39.17 -1.27 0.00	40.23 -1.32 0.73	26.18 -1.36 17.61	33.54 -1.52 13.64	31.61 -1.49 14.97	30.97 -1.45 18.06	26.18 -1.24 21.81	26.14 -1.16 24.92	25.98 -1.17 31.24	26.11 -1.42 50.21	26.13 -1.53 54.28	26.21 -1.16 43.83	26.19 -0.88 44.17	26.18 -0.71 39.60	26.14 -0.97 53.70	26.13 -0.91 49.70	26.09 -1.15 48.95	26.13 -1.30 50.16	26.07 -0.83 31.50	29.48 -0.89 20.32
SITHE_IND_GS4 24172	49.30 -1.58 0.00	41.44 -1.36 0.00	38.14 -1.25 0.00	31.28 -1.00 0.00	39.17 -1.27 0.00	40.23 -1.32 0.73	26.18 -1.36 17.61	33.54 -1.52 13.64	31.61 -1.49 14.97	30.97 -1.45 18.06	26.18 -1.24 21.81	26.14 -1.16 24.92	25.98 -1.17 31.24	26.11 -1.42 50.21	26.13 -1.53 54.28	26.21 -1.16 43.83	26.19 -0.88 44.17	26.18 -0.71 39.60	26.14 -0.97 53.70	26.13 -0.91 49.70	26.09 -1.15 48.95	26.13 -1.30 50.16	26.07 -0.83 31.50	29.48 -0.89 20.32

SITHE___BATAVIA 24024	52.06 1.17 0.00	43.31 0.51 0.00	39.72 0.33 0.00	32.37 0.09 0.00	40.52 0.08 0.00	42.72 0.44 0.00	45.94 0.79 0.00	48.99 0.30 0.00	48.48 0.41 0.00	51.81 1.34 0.00	51.56 2.32 0.00	55.71 3.50 0.00	62.96 4.56 0.00	84.70 6.96 0.00	89.21 7.27 0.00	77.49 6.30 0.00	78.37 7.14 0.00	73.57 7.08 0.00	88.64 7.82 0.00	84.66 7.92 0.00	83.14 6.95 0.00	84.04 6.46 0.00	64.35 5.95 0.00	55.64 4.96 0.00
SITHE___INDEPEND 23800	49.30 -1.58 0.00	41.44 -1.36 0.00	38.14 -1.25 0.00	31.28 -1.00 0.00	39.17 -1.27 0.00	40.23 -1.32 0.73	26.18 -1.36 17.61	33.54 -1.52 13.64	31.61 -1.49 14.97	30.97 -1.45 18.06	26.18 -1.24 21.81	26.14 -1.16 24.92	25.98 -1.17 31.24	26.10 -1.43 50.21	26.13 -1.53 54.28	26.20 -1.16 43.83	26.18 -0.89 44.17	26.18 -0.71 39.60	26.14 -0.98 53.70	26.13 -0.92 49.70	26.09 -1.15 48.95	26.14 -1.29 50.16	26.08 -0.82 31.50	29.49 -0.88 20.32
SITHE___MASSENA 23902	51.68 0.80 0.00	43.42 0.61 0.00	39.92 0.53 0.00	32.55 0.26 0.00	40.80 0.36 0.00	42.84 0.57 0.00	45.96 0.82 0.00	49.42 0.73 0.00	48.78 0.72 0.00	51.09 0.62 0.00	49.81 0.58 0.00	52.94 0.73 0.00	59.17 0.78 0.00	78.59 0.86 0.00	82.55 0.61 0.00	70.72 -0.47 0.00	70.16 -1.08 0.00	65.29 -1.19 0.00	80.01 -0.81 0.00	76.00 -0.74 0.00	75.92 -0.26 0.00	77.49 -0.09 0.00	58.15 -0.24 0.00	50.94 0.25 0.00
SITHE___OGDNSBRG 24021	52.94 2.06 0.00	44.42 1.62 0.00	40.81 1.42 0.00	33.23 0.95 0.00	41.69 1.24 0.00	43.83 1.56 0.00	47.09 1.94 0.00	50.39 1.70 0.00	49.39 1.32 0.00	51.55 1.07 0.00	50.19 0.95 0.00	53.37 1.16 0.00	59.60 1.20 0.00	79.38 1.65 0.00	83.03 1.09 0.00	70.83 -0.36 0.00	70.12 -1.12 0.00	65.23 -1.25 0.00	81.20 0.39 0.00	77.28 0.54 0.00	77.77 1.58 0.00	79.58 2.00 0.00	59.75 1.36 0.00	52.30 1.61 0.00
SITHE___STERLING 23777	52.54 1.66 0.00	44.11 1.31 0.00	40.55 1.15 0.00	33.19 0.91 0.00	41.60 1.15 0.00	43.56 1.28 0.00	46.80 1.66 0.00	50.40 1.70 0.00	49.63 1.56 0.00	51.90 1.42 0.00	50.75 1.51 0.00	54.01 1.80 0.00	60.66 2.26 0.00	80.66 2.92 0.00	85.24 3.30 0.00	74.33 3.13 0.00	74.90 3.66 0.00	69.77 3.29 0.00	85.00 4.19 0.00	81.02 4.28 0.00	80.29 4.11 0.00	81.68 4.09 0.00	61.48 3.08 0.00	52.93 2.25 0.00
SLEIGHT__34_KV_TB1 80719	50.84 -0.05 0.00	42.52 -0.29 0.00	39.07 -0.32 0.00	31.93 -0.35 0.00	40.00 -0.44 0.00	42.04 -0.26 -0.03	45.70 -0.11 -0.66	48.91 -0.30 -0.51	48.45 -0.18 -0.57	51.47 0.31 -0.68	51.03 0.97 -0.83	54.84 1.69 -0.94	61.91 2.32 -1.19	83.09 3.45 -1.90	87.50 3.50 -2.06	76.05 3.19 -1.66	76.90 3.99 -1.68	71.99 4.00 -1.50	87.41 4.56 -2.04	83.04 4.41 -1.89	81.66 3.62 -1.86	82.81 3.32 -1.91	62.44 2.85 -1.20	53.56 2.10 -0.77
SMITHTWN_69_KV_BK 1 55830	52.02 2.10 0.96	44.86 2.06 0.00	41.48 2.09 0.00	34.01 1.72 0.00	42.61 2.17 0.00	44.03 1.75 0.00	46.73 1.58 0.00	13.70 1.52 36.51	13.09 1.53 36.51	13.31 1.52 38.69	43.70 1.67 7.21	44.20 1.34 9.35	45.02 1.62 15.00	46.09 2.44 34.09	48.41 3.12 36.64	53.56 3.43 21.06	49.34 4.19 26.10	46.88 3.75 23.35	47.23 3.72 37.31	44.74 3.07 35.07	19.93 2.52 58.77	24.62 1.90 54.87	19.24 1.44 40.60	18.63 1.10 33.15
SOUTH CAIRO___GT 23612	52.51 1.63 0.00	44.37 1.56 0.00	40.88 1.49 0.00	33.71 1.43 0.00	42.25 1.80 0.00	44.01 1.73 0.00	46.96 1.82 0.00	50.85 2.16 0.00	49.99 1.92 0.00	51.93 1.46 0.00	50.41 1.17 0.00	53.30 1.09 0.00	59.20 0.81 0.00	77.65 1.04 1.12	82.73 1.10 0.31	72.62 1.42 0.00	73.34 2.10 0.00	68.74 2.26 0.00	84.40 3.58 0.00	80.04 3.30 0.00	79.59 3.40 0.00	80.95 3.37 0.00	60.89 2.49 0.00	52.21 1.53 0.00
SOUTH HAMPTN___IC 23720	52.80 2.90 0.98	45.48 2.68 0.00	42.03 2.64 0.00	34.30 2.02 0.00	43.10 2.66 0.00	44.47 2.19 0.00	46.78 1.64 0.00	13.38 1.44 36.76	13.08 1.77 36.76	13.59 2.07 38.96	44.28 2.30 7.26	44.74 1.94 9.42	45.63 2.34 15.11	46.68 3.30 34.36	49.31 4.28 36.91	54.76 4.74 21.18	50.67 5.40 25.97	47.86 4.89 23.52	48.24 5.00 37.58	45.85 4.43 35.32	20.78 3.78 59.19	25.37 3.11 55.32	19.76 2.38 41.01	19.11 1.82 33.39
SOUTHDOW_115KV_TB1 355954	52.41 1.53 0.00	43.67 0.86 0.00	40.08 0.69 0.00	32.46 0.18 0.00	40.60 0.16 0.00	42.95 0.67 0.00	46.16 1.01 0.00	49.80 1.11 0.00	49.47 1.40 0.00	52.97 2.49 0.00	52.54 3.31 0.00	56.80 4.59 0.00	64.21 5.81 0.00	86.22 8.49 0.00	90.77 8.83 0.00	78.84 7.65 0.00	79.60 8.36 0.00	74.66 8.18 0.00	89.56 8.75 0.00	85.30 8.57 0.00	83.51 7.33 0.00	84.57 6.99 0.00	64.72 6.33 0.00	55.62 4.93 0.00
SOUTHOLD_69_KV_BK 2 55809	54.23 4.33 0.98	46.62 3.81 0.00	43.06 3.66 0.00	34.98 2.69 0.00	44.15 3.71 0.00	45.47 3.19 0.00	47.22 2.08 0.00	13.73 1.79 36.75	13.71 2.41 36.76	14.55 3.03 38.96	45.35 3.37 7.26	45.80 3.01 9.41	46.90 3.60 15.10	48.91 5.53 34.36	52.02 6.99 36.91	57.03 7.01 21.18	52.86 7.59 25.96	49.86 6.89 23.51	50.58 7.34 37.57	48.18 6.76 35.32	22.92 5.92 59.19	27.51 5.24 55.31	21.36 3.97 41.00	20.44 3.14 33.39
SOUTHOLD___IC 23719	54.22 4.32 0.98	46.61 3.81 0.00	43.06 3.67 0.00	34.98 2.69 0.00	44.15 3.71 0.00	45.46 3.19 0.00	47.23 2.08 0.00	13.69 1.75 36.75	13.69 2.39 36.76	14.53 3.01 38.96	45.36 3.39 7.26	45.82 3.03 9.41	46.89 3.60 15.10	48.81 5.43 34.36	51.93 6.89 36.91	57.02 7.00 21.18	52.80 7.52 25.96	49.87 6.91 23.51	50.60 7.35 37.57	48.19 6.77 35.32	22.91 5.91 59.19	27.50 5.23 55.31	21.38 3.98 41.00	20.44 3.15 33.39
SOUTH_FORK_WT_PWR 323839	54.43 4.52 0.98	46.80 4.00 0.00	43.26 3.87 0.00	35.05 2.77 0.00	44.37 3.93 0.00	45.61 3.33 0.00	46.91 1.76 0.00	13.19 1.25 36.76	13.37 2.06 36.76	14.34 2.82 38.96	45.31 3.33 7.26	45.67 2.87 9.41	46.78 3.49 15.10	48.83 5.45 34.36	52.32 7.29 36.91	57.32 7.30 21.18	52.99 7.71 25.96	50.03 7.07 23.52	50.78 7.54 37.57	48.45 7.02 35.32	23.03 6.03 59.19	27.64 5.38 55.32	21.53 4.14 41.00	20.62 3.32 33.39
SPIERFLS_115KV_TB 1 80737	54.65 3.77 0.00	45.81 3.01 0.00	42.01 2.61 0.00	34.57 2.29 0.00	43.51 3.07 0.00	45.21 2.94 0.00	48.28 3.14 0.00	52.33 3.64 0.00	51.63 3.57 0.00	53.88 3.41 0.00	52.01 2.78 0.00	54.88 2.67 0.00	61.03 2.63 0.00	78.39 3.56 2.91	85.50 4.37 0.80	75.54 4.35 0.00	75.99 4.75 0.00	70.55 4.06 0.00	85.58 4.77 0.00	81.39 4.65 0.00	80.50 4.31 0.00	81.45 3.87 0.00	61.33 2.94 0.00	52.66 1.98 0.00
ST LAWRENCE____ 23600	51.00 0.12 0.00	42.86 0.06 0.00	39.42 0.03 0.00	32.18 -0.10 0.00	40.33 -0.12 0.00	42.30 0.02 0.00	45.27 0.12 0.00	48.71 0.02 0.00	48.14 0.07 0.00	50.52 0.05 0.00	49.20 -0.04 0.00	52.27 0.06 0.00	58.43 0.03 0.00	77.69 -0.05 0.00	81.75 -0.19 0.00	70.17 -1.02 0.00	69.67 -1.57 0.00	64.87 -1.61 0.00	79.27 -1.54 0.00	75.26 -1.47 0.00	75.11 -1.08 0.00	76.62 -0.97 0.00	57.44 -0.95 0.00	50.26 -0.42 0.00

STATE_CA_115KV_115_LB 55624	51.20 0.32 0.00	43.19 0.39 0.00	39.75 0.36 0.00	32.78 0.50 0.00	41.04 0.60 0.00	42.71 0.44 0.00	45.53 0.38 0.00	49.30 0.61 0.00	48.66 0.59 0.00	50.92 0.45 0.00	49.50 0.26 0.00	52.15 -0.06 0.00	58.10 -0.30 0.00	74.61 -0.41 2.72	80.83 -0.36 0.75	71.70 0.50 0.00	72.03 0.79 0.00	67.19 0.70 0.00	81.33 0.52 0.00	77.18 0.44 0.00	76.43 0.25 0.00	77.76 0.18 0.00	58.72 0.33 0.00	50.58 -0.10 0.00
STATE_ST_34_KV_LOAD 55959	51.24 0.36 0.00	43.02 0.22 0.00	39.60 0.20 0.00	32.42 0.14 0.00	40.64 0.19 0.00	42.61 0.26 -0.07	46.82 -0.02 -1.70	50.02 0.02 -1.31	49.48 -0.03 -1.44	52.26 0.04 -1.74	51.70 0.36 -2.10	55.36 0.75 -2.40	62.39 0.98 -3.01	84.18 1.60 -4.84	88.93 1.75 -5.23	77.08 1.66 -4.23	77.91 2.41 -4.26	72.74 2.44 -3.82	88.76 2.76 -5.18	84.40 2.87 -4.79	83.30 2.39 -4.72	84.86 2.44 -4.84	63.40 1.96 -3.05	54.15 1.42 -2.05
STATION_5_MISC_HYD 23604	51.19 0.31 0.00	42.76 -0.04 0.00	39.27 -0.13 0.00	32.05 -0.23 0.00	40.15 -0.30 0.00	42.21 -0.07 0.00	45.31 0.16 0.00	48.57 -0.12 0.00	48.24 0.17 0.00	51.44 0.96 0.00	51.00 1.76 0.00	54.87 2.66 0.00	61.86 3.47 0.00	82.89 5.15 0.00	87.13 5.19 0.00	75.81 4.61 0.00	76.83 5.59 0.00	71.99 5.50 0.00	86.85 6.03 0.00	82.42 5.68 0.00	80.86 4.67 0.00	81.81 4.23 0.00	62.25 3.86 0.00	53.75 3.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.00 0.12 0.00	42.67 -0.13 0.00	39.22 -0.17 0.00	32.05 -0.23 0.00	40.14 -0.30 0.00	42.18 -0.12 -0.02	45.77 0.11 -0.51	49.00 -0.08 -0.40	48.60 0.10 -0.44	51.62 0.62 -0.53	51.09 1.21 -0.64	54.87 1.93 -0.73	62.00 2.69 -0.92	83.15 3.94 -1.47	87.54 4.02 -1.59	76.25 3.77 -1.29	77.20 4.67 -1.30	72.30 4.65 -1.16	87.61 5.22 -1.58	83.12 4.92 -1.46	81.71 4.09 -1.44	82.75 3.70 -1.47	62.54 3.22 -0.93	53.72 2.43 -0.60
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.88 0.00 0.00	42.49 -0.31 0.00	39.03 -0.37 0.00	31.88 -0.40 0.00	39.91 -0.54 0.00	41.96 -0.32 0.00	45.03 -0.12 0.00	48.30 -0.39 0.00	47.98 -0.09 0.00	51.16 0.69 0.00	50.72 1.49 0.00	54.55 2.34 0.00	61.52 3.12 0.00	82.36 4.62 0.00	86.60 4.67 0.00	75.40 4.21 0.00	76.38 5.14 0.00	71.60 5.12 0.00	86.40 5.59 0.00	81.99 5.25 0.00	80.46 4.27 0.00	81.36 3.78 0.00	61.84 3.45 0.00	53.38 2.70 0.00
STA_56___34_KV_BUS2 355983	50.88 0.00 0.00	42.49 -0.31 0.00	39.03 -0.37 0.00	31.88 -0.40 0.00	39.91 -0.54 0.00	41.96 -0.32 0.00	45.03 -0.12 0.00	48.30 -0.39 0.00	47.98 -0.09 0.00	51.16 0.69 0.00	50.72 1.49 0.00	54.55 2.34 0.00	61.52 3.12 0.00	82.36 4.62 0.00	86.60 4.67 0.00	75.40 4.21 0.00	76.38 5.14 0.00	71.60 5.12 0.00	86.40 5.59 0.00	81.99 5.25 0.00	80.46 4.27 0.00	81.36 3.78 0.00	61.84 3.45 0.00	53.38 2.70 0.00
STA_67___115KV_BK2 355882	51.05 0.17 0.00	42.64 -0.16 0.00	39.16 -0.23 0.00	31.98 -0.30 0.00	40.03 -0.41 0.00	42.09 -0.18 0.00	45.18 0.03 0.00	48.42 -0.27 0.00	48.09 0.02 0.00	51.28 0.80 0.00	50.83 1.59 0.00	54.67 2.46 0.00	61.63 3.24 0.00	82.51 4.77 0.00	86.73 4.79 0.00	75.48 4.29 0.00	76.48 5.24 0.00	71.67 5.19 0.00	86.46 5.65 0.00	82.06 5.33 0.00	80.54 4.36 0.00	81.51 3.93 0.00	62.03 3.64 0.00	53.58 2.89 0.00
STA_7___115KV_9TRANS 80674	51.53 0.65 0.00	43.02 0.22 0.00	39.49 0.10 0.00	32.24 -0.04 0.00	40.37 -0.07 0.00	42.46 0.18 0.00	45.57 0.42 0.00	48.88 0.19 0.00	48.56 0.50 0.00	51.80 1.33 0.00	51.40 2.16 0.00	55.32 3.12 0.00	62.40 4.00 0.00	83.56 5.82 0.00	87.84 5.90 0.00	76.51 5.32 0.00	77.57 6.33 0.00	72.74 6.25 0.00	87.74 6.93 0.00	83.24 6.50 0.00	81.58 5.39 0.00	82.49 4.90 0.00	62.76 4.37 0.00	54.18 3.50 0.00
STA_82___115KV_TB1 80780	51.07 0.19 0.00	42.65 -0.15 0.00	39.17 -0.22 0.00	31.98 -0.30 0.00	40.05 -0.40 0.00	42.11 -0.17 0.00	45.19 0.05 0.00	48.44 -0.25 0.00	48.09 0.02 0.00	51.28 0.81 0.00	50.83 1.59 0.00	54.67 2.46 0.00	61.63 3.24 0.00	82.51 4.77 0.00	86.73 4.79 0.00	75.49 4.30 0.00	76.49 5.25 0.00	71.69 5.21 0.00	86.49 5.67 0.00	82.11 5.37 0.00	80.60 4.41 0.00	81.54 3.95 0.00	62.05 3.66 0.00	53.59 2.90 0.00
STEEL___WIND 323596	50.91 0.03 0.00	42.41 -0.39 0.00	38.92 -0.47 0.00	31.69 -0.59 0.00	39.66 -0.79 0.00	41.82 -0.46 0.00	44.81 -0.34 0.00	47.88 -0.81 0.00	47.63 -0.43 0.00	51.21 0.73 0.00	51.02 1.79 0.00	55.17 2.96 0.00	62.38 3.98 0.00	83.81 6.08 0.00	88.10 6.16 0.00	76.62 5.42 0.00	77.69 6.45 0.00	72.77 6.28 0.00	87.23 6.41 0.00	83.11 6.38 0.00	81.32 5.13 0.00	82.20 4.62 0.00	63.13 4.73 0.00	54.58 3.89 0.00
STEPHTWN_115KV_BK_2 55603	51.10 0.22 0.00	43.27 0.47 0.00	39.86 0.46 0.00	32.85 0.57 0.00	41.19 0.74 0.00	42.93 0.65 0.00	45.67 0.53 0.00	49.50 0.81 0.00	48.76 0.70 0.00	51.06 0.59 0.00	49.66 0.42 0.00	52.36 0.15 0.00	58.09 -0.31 0.00	74.62 -0.48 2.64	80.72 -0.48 0.73	71.53 0.33 0.00	71.99 0.75 0.00	67.25 0.77 0.00	81.73 0.92 0.00	77.38 0.65 0.00	76.59 0.41 0.00	78.02 0.44 0.00	58.73 0.33 0.00	50.59 -0.10 0.00
STEUBEN_REC_LFGE 323667	52.26 1.38 0.00	43.72 0.92 0.00	40.18 0.79 0.00	32.73 0.45 0.00	41.00 0.55 0.00	43.15 0.88 0.00	46.21 1.07 0.00	49.35 0.66 0.00	48.56 0.49 0.00	51.74 1.26 0.00	50.91 1.67 0.00	54.71 2.51 0.00	61.99 3.59 0.00	83.07 5.33 0.00	87.12 5.18 0.00	76.30 5.11 0.00	77.32 6.08 0.00	72.51 6.03 0.00	87.34 6.52 0.00	83.79 7.05 0.00	82.30 6.12 0.00	83.49 5.90 0.00	63.50 5.11 0.00	54.62 3.93 0.00
STILLWATER___SOLAR 323814	53.41 2.53 0.00	44.88 2.08 0.00	41.22 1.82 0.00	33.92 1.63 0.00	42.59 2.15 0.00	44.31 2.03 0.00	47.28 2.13 0.00	51.16 2.47 0.00	50.43 2.37 0.00	52.65 2.17 0.00	51.05 1.81 0.00	53.91 1.70 0.00	59.96 1.56 0.00	76.65 2.13 3.22	83.51 2.47 0.89	74.15 2.95 0.00	74.63 3.39 0.00	69.58 3.09 0.00	84.49 3.68 0.00	80.38 3.65 0.00	79.61 3.43 0.00	80.80 3.21 0.00	60.93 2.54 0.00	52.40 1.71 0.00
STONY___BROOK 24151	51.92 2.01 0.96	44.81 2.00 0.00	41.43 2.03 0.00	33.96 1.67 0.00	42.55 2.11 0.00	43.97 1.69 0.00	46.66 1.52 0.00	13.54 1.43 36.58	12.95 1.47 36.58	13.18 1.47 38.77	43.65 1.64 7.22	44.12 1.28 9.37	44.90 1.53 15.03	45.75 2.18 34.17	48.07 2.85 36.72	53.40 3.28 21.08	49.33 4.00 25.91	46.72 3.63 23.40	46.97 3.54 37.39	44.49 2.90 35.14	19.60 2.31 58.90	24.26 1.67 54.99	19.00 1.31 40.71	18.49 1.02 33.22
STURGEON_POOL_HYD 23609	52.82 1.94 0.00	44.45 1.64 0.00	40.88 1.49 0.00	33.55 1.27 0.00	41.94 1.50 0.00	43.66 1.38 0.00	46.63 1.48 0.00	50.44 1.75 0.00	49.78 1.71 0.00	52.11 1.64 0.00	50.81 1.57 0.00	53.49 1.28 0.00	59.92 1.53 0.00	81.96 2.52 -1.69	85.33 2.92 -0.47	74.62 3.43 0.00	75.19 3.95 0.00	70.23 3.75 0.00	84.76 3.94 0.00	80.10 3.36 0.00	79.05 2.87 0.00	80.12 2.54 0.00	60.59 2.20 0.00	52.29 1.60 0.00

ST_LAW_115_BK7_LBMP 345037	51.04 0.16 0.00	42.89 0.09 0.00	39.45 0.06 0.00	32.19 -0.09 0.00	40.34 -0.11 0.00	42.31 0.03 0.00	45.31 0.16 0.00	48.75 0.06 0.00	48.17 0.11 0.00	50.53 0.06 0.00	49.20 -0.03 0.00	52.30 0.09 0.00	58.43 0.03 0.00	77.69 -0.05 0.00	81.69 -0.25 0.00	70.09 -1.11 0.00	69.53 -1.71 0.00	64.74 -1.75 0.00	79.17 -1.65 0.00	75.16 -1.57 0.00	75.04 -1.14 0.00	76.57 -1.01 0.00	57.40 -1.00 0.00	50.25 -0.43 0.00
ST_LAW_115_BK8_LBMP 345038	51.04 0.16 0.00	42.89 0.09 0.00	39.45 0.06 0.00	32.19 -0.09 0.00	40.34 -0.11 0.00	42.31 0.03 0.00	45.31 0.16 0.00	48.75 0.06 0.00	48.17 0.11 0.00	50.53 0.06 0.00	49.20 -0.03 0.00	52.30 0.09 0.00	58.43 0.03 0.00	77.69 -0.05 0.00	81.69 -0.25 0.00	70.09 -1.11 0.00	69.53 -1.71 0.00	64.74 -1.75 0.00	79.17 -1.65 0.00	75.16 -1.57 0.00	75.04 -1.14 0.00	76.57 -1.01 0.00	57.40 -1.00 0.00	50.25 -0.43 0.00
ST_LAW_230_BK5_LBMP 345035	51.00 0.12 0.00	42.86 0.06 0.00	39.42 0.03 0.00	32.18 -0.10 0.00	40.33 -0.12 0.00	42.30 0.02 0.00	45.27 0.12 0.00	48.71 0.02 0.00	48.14 0.07 0.00	50.52 0.05 0.00	49.20 -0.04 0.00	52.27 0.06 0.00	58.43 0.03 0.00	77.69 -0.05 0.00	81.75 -0.19 0.00	70.17 -1.02 0.00	69.67 -1.57 0.00	64.87 -1.61 0.00	79.27 -1.54 0.00	75.26 -1.47 0.00	75.11 -1.08 0.00	76.62 -0.97 0.00	57.44 -0.95 0.00	50.26 -0.42 0.00
ST_LAW_230_BK6_LBMP 345036	51.00 0.12 0.00	42.86 0.06 0.00	39.42 0.03 0.00	32.18 -0.10 0.00	40.33 -0.12 0.00	42.30 0.02 0.00	45.27 0.12 0.00	48.71 0.02 0.00	48.14 0.07 0.00	50.52 0.05 0.00	49.20 -0.04 0.00	52.27 0.06 0.00	58.43 0.03 0.00	77.69 -0.05 0.00	81.75 -0.19 0.00	70.17 -1.02 0.00	69.67 -1.57 0.00	64.87 -1.61 0.00	79.27 -1.54 0.00	75.26 -1.47 0.00	75.11 -1.08 0.00	76.62 -0.97 0.00	57.44 -0.95 0.00	50.26 -0.42 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.47 1.59 0.00	44.23 1.43 0.00	40.70 1.30 0.00	33.40 1.12 0.00	41.74 1.29 0.00	43.46 1.18 0.00	46.42 1.28 0.00	50.19 1.49 0.00	49.51 1.44 0.00	51.84 1.37 0.00	50.50 1.27 0.00	53.19 0.98 0.00	59.58 1.18 0.00	82.66 1.99 -2.93	84.95 2.20 -0.81	74.03 2.83 0.00	74.67 3.43 0.00	69.71 3.23 0.00	84.10 3.29 0.00	79.53 2.79 0.00	78.60 2.42 0.00	79.68 2.10 0.00	60.24 1.85 0.00	52.03 1.35 0.00
SWANROAD_115KV_TB1 355699	50.06 -0.82 0.00	41.68 -1.12 0.00	38.27 -1.13 0.00	31.16 -1.12 0.00	38.99 -1.45 0.00	41.13 -1.15 0.00	44.13 -1.02 0.00	46.74 -1.95 0.00	46.27 -1.80 0.00	49.76 -0.72 0.00	49.72 0.48 0.00	53.76 1.55 0.00	60.71 2.31 0.00	81.41 3.67 0.00	85.49 3.55 0.00	74.30 3.10 0.00	75.39 4.15 0.00	70.66 4.18 0.00	84.69 3.88 0.00	80.52 3.79 0.00	78.90 2.72 0.00	79.76 2.18 0.00	61.68 3.29 0.00	53.81 3.12 0.00
SYNERGY___BIOGAS 323694	52.05 1.17 0.00	43.31 0.51 0.00	39.72 0.33 0.00	32.37 0.08 0.00	40.52 0.08 0.00	42.72 0.44 0.00	45.94 0.79 0.00	48.97 0.28 0.00	48.47 0.40 0.00	51.81 1.34 0.00	51.58 2.34 0.00	55.71 3.50 0.00	62.96 4.56 0.00	84.61 6.87 0.00	89.15 7.21 0.00	77.48 6.29 0.00	78.33 7.09 0.00	73.56 7.08 0.00	88.66 7.85 0.00	84.66 7.93 0.00	83.14 6.95 0.00	84.04 6.45 0.00	64.34 5.95 0.00	55.64 4.95 0.00
SYRACUSE___ENERGY_ST1 323597	50.65 -0.23 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.14 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.12 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.01 -5.96	89.47 1.09 -6.44	77.59 1.19 -5.20	78.11 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.49 1.49 -5.81	84.92 1.38 -5.96	63.29 1.15 -3.74	53.78 0.68 -2.41
SYRACUSE___ENERGY_ST2 323598	50.65 -0.23 0.00	42.53 -0.27 0.00	39.16 -0.23 0.00	32.10 -0.18 0.00	40.21 -0.24 0.00	42.14 -0.22 -0.09	46.97 -0.27 -2.09	50.03 -0.28 -1.62	49.53 -0.31 -1.78	52.48 -0.13 -2.14	51.94 0.12 -2.59	55.52 0.35 -2.96	62.68 0.57 -3.71	84.72 1.01 -5.96	89.47 1.09 -6.44	77.59 1.19 -5.20	78.11 1.63 -5.25	72.89 1.70 -4.70	89.10 1.91 -6.38	84.51 1.87 -5.90	83.49 1.49 -5.81	84.92 1.38 -5.96	63.29 1.15 -3.74	53.78 0.68 -2.41
SYRACUSE___POWER 24017	50.65 -0.23 0.00	42.53 -0.28 0.00	39.13 -0.26 0.00	32.07 -0.22 0.00	40.18 -0.26 0.00	42.06 -0.25 -0.03	45.53 -0.29 -0.67	48.89 -0.32 -0.52	48.30 -0.34 -0.57	50.98 -0.18 -0.69	50.14 0.07 -0.83	53.48 0.32 -0.95	60.15 0.56 -1.19	80.68 1.03 -1.91	85.10 1.10 -2.07	74.08 1.21 -1.67	74.60 1.68 -1.69	69.75 1.75 -1.52	84.89 2.02 -2.06	80.58 1.94 -1.90	79.61 1.54 -1.88	80.89 1.39 -1.92	60.76 1.16 -1.21	52.13 0.67 -0.78
TALLMAN__138KV_BK151 55660	52.66 1.78 0.00	44.41 1.61 0.00	40.86 1.47 0.00	33.52 1.23 0.00	41.85 1.41 0.00	43.59 1.31 0.00	46.60 1.46 0.00	50.39 1.70 0.00	49.71 1.64 0.00	52.06 1.59 0.00	50.70 1.47 0.00	53.37 1.16 0.00	59.78 1.38 0.00	83.19 2.32 -3.13	85.35 2.55 -0.86	74.37 3.18 0.00	75.10 3.87 0.00	70.12 3.64 0.00	84.51 3.69 0.00	79.82 3.08 0.00	78.83 2.64 0.00	79.84 2.25 0.00	60.43 2.04 0.00	52.21 1.52 0.00
TEALLAVE_115KV_TB7 355573	50.33 -0.55 0.00	42.25 -0.55 0.00	38.89 -0.50 0.00	31.87 -0.41 0.00	39.93 -0.51 0.00	41.80 -0.51 -0.03	45.28 -0.50 -0.63	48.64 -0.54 -0.49	48.07 -0.53 -0.54	50.75 -0.37 -0.65	49.92 -0.10 -0.78	53.23 0.13 -0.90	59.89 0.37 -1.12	80.25 0.70 -1.80	84.63 0.74 -1.95	73.64 0.87 -1.57	74.12 1.30 -1.58	69.26 1.35 -1.42	84.22 1.48 -1.93	79.97 1.45 -1.78	79.00 1.06 -1.76	80.27 0.88 -1.80	60.33 0.81 -1.13	51.81 0.39 -0.73
TELGRAPH_34_KV_EAST 80808	50.93 0.05 0.00	42.41 -0.39 0.00	38.91 -0.48 0.00	31.70 -0.58 0.00	39.67 -0.78 0.00	41.84 -0.44 0.00	44.85 -0.30 0.00	47.61 -1.08 0.00	47.27 -0.80 0.00	50.80 0.32 0.00	50.66 1.43 0.00	54.74 2.53 0.00	61.87 3.47 0.00	83.02 5.28 0.00	87.28 5.34 0.00	75.83 4.63 0.00	76.88 5.64 0.00	72.13 5.64 0.00	86.65 5.83 0.00	82.48 5.75 0.00	80.89 4.70 0.00	81.79 4.21 0.00	62.91 4.52 0.00	54.60 3.91 0.00
TEMPLE___115KV_TB 2 55572	50.35 -0.53 0.00	42.27 -0.54 0.00	38.90 -0.50 0.00	31.89 -0.39 0.00	39.95 -0.50 0.00	41.81 -0.49 -0.02	45.16 -0.50 -0.51	48.55 -0.53 -0.40	47.99 -0.52 -0.44	50.66 -0.34 -0.53	49.80 -0.07 -0.64	53.07 0.14 -0.73	59.69 0.38 -0.91	79.94 0.73 -1.46	84.29 0.77 -1.58	73.38 0.91 -1.28	73.88 1.35 -1.29	69.03 1.40 -1.15	83.92 1.54 -1.56	79.67 1.48 -1.45	78.71 1.10 -1.43	79.97 0.92 -1.46	60.13 0.82 -0.92	51.69 0.41 -0.59
TIANA____69_KV_BK 1 55817	52.53 2.63 0.98	45.25 2.45 0.00	41.81 2.41 0.00	34.16 1.87 0.00	42.89 2.44 0.00	44.27 1.99 0.00	46.71 1.56 0.00	13.38 1.44 36.75	13.00 1.69 36.76	13.42 1.90 38.96	44.05 2.07 7.26	44.50 1.71 9.41	45.34 2.05 15.10	46.34 2.96 34.36	48.85 3.82 36.91	54.31 4.30 21.18	50.29 5.02 25.96	47.44 4.48 23.51	47.74 4.50 37.57	45.36 3.94 35.32	20.36 3.36 59.19	24.97 2.70 55.32	19.44 2.06 41.00	18.84 1.54 33.39

TILDEN___115KV_TB1 80814	50.65 -0.23 0.00	42.53 -0.28 0.00	39.13 -0.26 0.00	32.07 -0.22 0.00	40.18 -0.26 0.00	42.06 -0.25 -0.03	45.53 -0.29 -0.67	48.89 -0.32 -0.52	48.30 -0.34 -0.57	50.98 -0.18 -0.69	50.14 0.07 -0.83	53.48 0.32 -0.95	60.15 0.56 -1.19	80.68 1.03 -1.91	85.10 1.10 -2.07	74.08 1.21 -1.67	74.60 1.68 -1.69	69.75 1.75 -1.52	84.89 2.02 -2.06	80.58 1.94 -1.90	79.61 1.54 -1.88	80.89 1.39 -1.92	60.76 1.16 -1.21	52.13 0.67 -0.78
TRIGEN___CC 323695	54.55 1.97 -1.70	44.67 1.87 0.00	41.22 1.82 0.00	33.80 1.52 0.00	42.29 1.85 0.00	43.84 1.56 0.00	46.72 1.58 0.00	44.44 1.62 5.87	43.79 1.50 5.78	46.31 1.39 5.56	49.92 1.42 0.73	52.30 1.03 0.94	58.07 1.17 1.49	79.56 2.00 0.18	81.63 2.34 2.66	71.97 2.90 2.12	72.35 3.63 2.52	67.35 3.22 2.35	80.21 3.15 3.75	75.78 2.57 3.52	71.72 2.11 6.57	81.31 1.79 -1.93	70.43 1.51 -10.53	48.52 1.17 3.33
TRINITY___115KV___4 BK 55933	50.88 -0.01 0.00	42.93 0.13 0.00	39.52 0.13 0.00	32.60 0.32 0.00	40.81 0.37 0.00	42.48 0.20 0.00	45.26 0.11 0.00	49.00 0.31 0.00	48.36 0.29 0.00	50.57 0.10 0.00	49.15 -0.08 0.00	51.75 -0.46 0.00	57.57 -0.83 0.00	73.92 -1.16 2.66	80.10 -1.10 0.74	71.05 -0.14 0.00	71.33 0.09 0.00	66.54 0.06 0.00	80.55 -0.26 0.00	76.42 -0.31 0.00	75.77 -0.41 0.00	77.12 -0.47 0.00	58.25 -0.14 0.00	50.19 -0.49 0.00
UNION___PROCESSING_DRP 323587	51.07 0.19 0.00	42.66 -0.14 0.00	39.18 -0.22 0.00	31.99 -0.29 0.00	40.06 -0.38 0.00	42.12 -0.16 0.00	45.20 0.06 0.00	48.45 -0.24 0.00	48.10 0.04 0.00	51.29 0.81 0.00	50.85 1.61 0.00	54.69 2.48 0.00	61.66 3.26 0.00	82.53 4.80 0.00	86.79 4.85 0.00	75.52 4.33 0.00	76.50 5.27 0.00	71.72 5.23 0.00	86.54 5.72 0.00	82.13 5.39 0.00	80.62 4.43 0.00	81.58 4.00 0.00	62.08 3.69 0.00	53.61 2.92 0.00
UPPER HUDSON___HYD 24058	54.65 3.77 0.00	45.81 3.01 0.00	42.01 2.62 0.00	34.57 2.29 0.00	43.51 3.07 0.00	45.21 2.94 0.00	48.28 3.14 0.00	52.33 3.64 0.00	51.63 3.57 0.00	53.88 3.40 0.00	52.01 2.78 0.00	54.88 2.67 0.00	61.03 2.63 0.00	78.39 3.57 2.91	85.49 4.36 0.80	75.54 4.34 0.00	75.99 4.75 0.00	70.55 4.06 0.00	85.59 4.78 0.00	81.39 4.65 0.00	80.50 4.31 0.00	81.45 3.87 0.00	61.33 2.94 0.00	52.66 1.98 0.00
UPPER RAQUET___HYD 24056	52.17 1.29 0.00	43.78 0.98 0.00	40.24 0.84 0.00	32.77 0.49 0.00	41.10 0.66 0.00	43.20 0.93 0.00	46.42 1.27 0.00	49.82 1.13 0.00	49.06 0.99 0.00	51.24 0.77 0.00	49.99 0.75 0.00	53.12 0.91 0.00	59.35 0.95 0.00	78.81 1.07 0.00	82.39 0.45 0.00	70.11 -1.08 0.00	69.33 -1.91 0.00	64.54 -1.94 0.00	79.58 -1.23 0.00	75.75 -0.98 0.00	75.92 -0.27 0.00	77.69 0.11 0.00	58.74 0.35 0.00	51.54 0.86 0.00
VALLEY44_115KV_TB2 355964	50.60 -0.28 0.00	42.35 -0.45 0.00	38.94 -0.45 0.00	31.75 -0.53 0.00	39.75 -0.69 0.00	41.90 -0.37 0.00	44.95 -0.20 0.00	48.17 -0.52 0.00	47.67 -0.40 0.00	50.90 0.42 0.00	50.17 0.93 0.00	53.91 1.70 0.00	60.82 2.42 0.00	81.71 3.98 0.00	86.08 4.14 0.00	75.11 3.92 0.00	75.79 4.55 0.00	70.89 4.41 0.00	85.04 4.23 0.00	80.92 4.19 0.00	79.31 3.12 0.00	80.52 2.94 0.00	61.73 3.33 0.00	53.46 2.77 0.00
VALLEY___115KV_TB 1-4 80826	51.66 0.78 0.00	43.45 0.64 0.00	39.95 0.55 0.00	32.88 0.60 0.00	41.20 0.76 0.00	42.95 0.67 0.00	45.73 0.59 0.00	49.36 0.67 0.00	48.49 0.43 0.00	50.52 0.05 0.00	49.00 -0.24 0.00	51.79 -0.42 0.00	57.84 -0.56 0.00	76.94 -0.80 0.00	81.33 -0.61 0.00	71.55 0.35 0.00	71.93 0.69 0.00	67.32 0.84 0.00	82.38 1.57 0.00	78.54 1.81 0.00	77.78 1.59 0.00	78.98 1.39 0.00	59.53 1.14 0.00	51.20 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.76 1.88 0.00	44.35 1.55 0.00	40.85 1.46 0.00	33.59 1.30 0.00	42.04 1.59 0.00	43.86 1.58 0.00	46.72 1.57 0.00	50.44 1.75 0.00	49.81 1.75 0.00	52.41 1.93 0.00	51.24 2.00 0.00	54.35 2.14 0.00	60.89 2.49 0.00	81.15 3.41 0.00	85.66 3.72 0.00	75.02 3.82 0.00	75.27 4.03 0.00	70.43 3.94 0.00	85.41 4.59 0.00	81.14 4.40 0.00	80.14 3.96 0.00	81.39 3.81 0.00	61.41 3.02 0.00	52.96 2.27 0.00
VISCHER___FERRY HYD 24020	52.17 1.29 0.00	43.90 1.10 0.00	40.32 0.93 0.00	33.24 0.96 0.00	41.67 1.23 0.00	43.36 1.08 0.00	46.22 1.08 0.00	50.06 1.37 0.00	49.37 1.31 0.00	51.60 1.13 0.00	50.10 0.86 0.00	52.80 0.59 0.00	58.71 0.31 0.00	74.11 0.36 3.98	81.38 0.54 1.10	72.54 1.35 0.00	72.83 1.59 0.00	67.91 1.43 0.00	82.24 1.43 0.00	78.17 1.43 0.00	77.55 1.37 0.00	78.90 1.32 0.00	59.61 1.22 0.00	51.31 0.62 0.00
V_A_10_SYNC_DSASP 323832	50.33 -0.55 0.00	42.01 -0.79 0.00	38.59 -0.81 0.00	31.47 -0.81 0.00	39.39 -1.06 0.00	41.49 -0.79 0.00	44.51 -0.64 0.00	47.49 -1.21 0.00	47.20 -0.86 0.00	50.59 0.12 0.00	50.34 1.10 0.00	54.26 2.04 0.00	61.17 2.77 0.00	81.88 4.14 0.00	85.92 3.98 0.00	74.62 3.43 0.00	75.80 4.56 0.00	70.98 4.50 0.00	85.36 4.54 0.00	81.04 4.30 0.00	79.46 3.27 0.00	80.41 2.83 0.00	61.66 3.27 0.00	53.43 2.75 0.00
V_CMM_10_SYNC_DSASP 323787	51.32 0.44 0.00	43.12 0.32 0.00	39.66 0.26 0.00	32.35 0.07 0.00	40.54 0.10 0.00	42.55 0.28 0.00	45.55 0.41 0.00	49.00 0.31 0.00	48.43 0.37 0.00	50.83 0.35 0.00	49.49 0.25 0.00	52.60 0.39 0.00	58.78 0.39 0.00	78.15 0.41 0.00	82.20 0.26 0.00	70.52 -0.68 0.00	69.95 -1.29 0.00	65.11 -1.37 0.00	79.66 -1.15 0.00	75.63 -1.11 0.00	75.50 -0.68 0.00	77.01 -0.57 0.00	57.74 -0.65 0.00	50.55 -0.14 0.00
V_CMP_10_SYNC_DSASP 323788	51.20 0.32 0.00	43.01 0.20 0.00	39.55 0.16 0.00	32.28 -0.01 0.00	40.45 0.01 0.00	42.46 0.18 0.00	45.46 0.31 0.00	48.74 0.05 0.00	48.04 -0.03 0.00	50.08 -0.39 0.00	48.86 -0.38 0.00	52.21 0.00 0.00	58.40 0.00 0.00	77.62 -0.11 0.00	81.71 -0.23 0.00	70.01 -1.19 0.00	69.45 -1.78 0.00	64.75 -1.74 0.00	79.23 -1.58 0.00	75.30 -1.44 0.00	75.02 -1.17 0.00	76.37 -1.21 0.00	57.31 -1.08 0.00	50.46 -0.23 0.00
V_D_10_SYNC_DSASP 323841	51.67 0.79 0.00	43.40 0.60 0.00	39.91 0.52 0.00	32.54 0.26 0.00	40.80 0.35 0.00	42.82 0.55 0.00	45.95 0.81 0.00	49.40 0.71 0.00	48.77 0.70 0.00	51.08 0.61 0.00	49.81 0.57 0.00	52.94 0.73 0.00	59.17 0.78 0.00	78.58 0.85 0.00	82.55 0.61 0.00	70.75 -0.45 0.00	70.17 -1.07 0.00	65.31 -1.17 0.00	80.01 -0.81 0.00	76.00 -0.74 0.00	75.92 -0.26 0.00	77.48 -0.10 0.00	58.15 -0.24 0.00	50.92 0.24 0.00
V_E_10_SYNC_DSASP 323830	54.93 4.05 0.00	46.02 3.22 0.00	42.34 2.95 0.00	34.61 2.33 0.00	43.43 2.99 0.00	45.60 3.32 0.00	48.79 3.64 0.00	52.58 3.89 0.00	51.67 3.60 0.00	54.19 3.72 0.00	53.18 3.95 0.00	56.60 4.39 0.00	63.69 5.30 0.00	85.48 7.74 0.00	90.08 8.15 0.00	78.60 7.40 0.00	78.39 7.16 0.00	74.22 7.74 0.00	90.82 10.00 0.00	86.57 9.83 0.00	85.48 9.29 0.00	86.68 9.10 0.00	65.18 6.79 0.00	55.77 5.09 0.00

V_F_30_NSYNC___DSASP 323816	53.48 2.60 0.00	44.94 2.13 0.00	41.28 1.88 0.00	33.95 1.67 0.00	42.64 2.20 0.00	44.37 2.10 0.00	47.35 2.20 0.00	51.24 2.55 0.00	50.52 2.46 0.00	52.76 2.29 0.00	51.19 1.95 0.00	54.07 1.86 0.00	60.18 1.78 0.00	77.07 2.42 3.08	83.87 2.78 0.85	74.40 3.20 0.00	74.87 3.63 0.00	69.82 3.33 0.00	84.75 3.93 0.00	80.59 3.85 0.00	79.79 3.60 0.00	80.98 3.39 0.00	61.05 2.66 0.00	52.51 1.82 0.00
V_F_30_SYNC_DSASP 323786	51.19 0.31 0.00	43.18 0.38 0.00	39.75 0.36 0.00	32.77 0.49 0.00	41.04 0.59 0.00	42.71 0.43 0.00	45.53 0.38 0.00	49.29 0.60 0.00	48.66 0.59 0.00	50.92 0.45 0.00	49.50 0.26 0.00	52.14 -0.07 0.00	58.09 -0.32 0.00	74.61 -0.42 2.72	80.83 -0.36 0.75	71.69 0.50 0.00	72.03 0.79 0.00	67.19 0.70 0.00	81.33 0.51 0.00	77.17 0.44 0.00	76.43 0.25 0.00	77.74 0.16 0.00	58.70 0.31 0.00	50.57 -0.11 0.00
V_XM_10_SYNC_DSASP 323789	51.20 0.32 0.00	43.01 0.20 0.00	39.55 0.16 0.00	32.28 -0.01 0.00	40.45 0.01 0.00	42.46 0.18 0.00	45.46 0.31 0.00	48.74 0.05 0.00	48.04 -0.03 0.00	50.08 -0.39 0.00	48.86 -0.38 0.00	52.21 0.00 0.00	58.40 0.00 0.00	77.62 -0.11 0.00	81.71 -0.23 0.00	70.01 -1.19 0.00	69.45 -1.78 0.00	64.75 -1.74 0.00	79.23 -1.58 0.00	75.30 -1.44 0.00	75.02 -1.17 0.00	76.37 -1.21 0.00	57.31 -1.08 0.00	50.46 -0.23 0.00
W.BABYLN_69_KV_BK1 56697	53.07 2.70 0.51	45.34 2.53 0.00	41.90 2.50 0.00	34.33 2.04 0.00	43.00 2.56 0.00	44.44 2.17 0.00	47.26 2.11 0.00	18.67 2.11 32.13	18.01 2.09 32.15	18.52 2.05 34.00	45.12 2.18 6.30	45.90 1.86 8.17	47.43 2.14 13.11	51.73 3.31 29.32	54.01 3.93 31.86	57.01 4.11 18.30	54.30 4.93 21.87	50.43 4.36 20.41	52.65 4.45 32.62	49.86 3.78 30.66	28.02 3.29 51.45	33.84 2.88 46.62	27.78 2.24 32.84	23.42 1.72 28.99
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.86 1.98 0.00	44.59 1.79 0.00	41.03 1.64 0.00	33.65 1.37 0.00	42.03 1.59 0.00	43.77 1.49 0.00	46.80 1.66 0.00	50.63 1.94 0.00	49.95 1.88 0.00	52.31 1.83 0.00	50.95 1.71 0.00	53.63 1.43 0.00	60.07 1.68 -3.18	83.64 2.72 -0.88	85.81 2.99 0.00	74.78 3.59 0.00	75.49 4.25 0.00	70.47 3.99 0.00	84.94 4.12 0.00	80.23 3.49 0.00	79.22 3.04 0.00	80.23 2.65 0.00	60.71 2.32 0.00	52.43 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.10 2.22 0.00	44.88 2.08 0.00	41.29 1.90 0.00	33.86 1.58 0.00	42.28 1.84 0.00	44.03 1.76 0.00	47.10 1.96 0.00	50.90 2.21 0.00	50.25 2.19 0.00	52.53 2.06 0.00	51.18 1.94 0.00	53.77 1.56 0.00	60.16 1.77 0.00	83.87 2.73 -3.40	85.94 3.06 -0.94	74.86 3.67 0.00	75.65 4.41 0.00	70.44 3.95 0.00	84.80 3.98 0.00	80.02 3.28 0.00	79.00 2.81 0.00	79.97 2.39 0.00	60.55 2.16 0.00	52.46 1.78 0.00
W50THST__13_KV_LOAD 356117	53.39 2.51 0.00	45.17 2.37 0.00	41.57 2.18 0.00	34.09 1.80 0.00	42.56 2.12 0.00	44.35 2.07 0.00	47.46 2.31 0.00	51.29 2.60 0.00	50.64 2.57 0.00	52.93 2.46 0.00	51.59 2.35 0.00	54.19 1.98 0.00	60.63 2.23 0.00	84.50 3.36 -3.40	86.62 3.74 -0.94	75.48 4.28 0.00	76.25 5.02 0.00	71.00 4.51 0.00	85.41 4.59 0.00	80.55 3.81 0.00	79.48 3.30 0.00	80.44 2.86 0.00	60.90 2.50 0.00	52.82 2.13 0.00
WADING RIVER_IC_1 23522	51.56 1.67 0.98	44.49 1.69 0.00	41.11 1.71 0.00	33.64 1.36 0.00	42.19 1.75 0.00	43.58 1.30 0.00	46.12 0.98 0.00	12.73 0.81 36.77	12.25 0.96 36.77	12.51 1.01 38.97	43.12 1.15 7.26	43.51 0.72 9.42	44.17 0.88 15.11	44.40 1.04 34.38	46.80 1.78 36.93	52.63 2.62 21.19	48.63 3.38 25.99	45.98 3.02 23.53	46.03 2.81 37.59	43.70 2.30 35.33	18.78 1.81 59.22	23.43 1.20 55.35	18.28 0.93 41.03	17.89 0.61 33.41
WADING RIVER_IC_2 23547	51.56 1.67 0.98	44.49 1.69 0.00	41.11 1.71 0.00	33.64 1.36 0.00	42.19 1.75 0.00	43.58 1.30 0.00	46.12 0.98 0.00	12.73 0.81 36.77	12.25 0.96 36.77	12.51 1.01 38.97	43.12 1.15 7.26	43.51 0.72 9.42	44.17 0.88 15.11	44.40 1.04 34.38	46.80 1.78 36.93	52.63 2.62 21.19	48.63 3.38 25.99	45.98 3.02 23.53	46.03 2.81 37.59	43.70 2.30 35.33	18.78 1.81 59.22	23.43 1.20 55.35	18.28 0.93 41.03	17.89 0.61 33.41
WADING RIVER_IC_3 23601	51.56 1.67 0.98	44.49 1.69 0.00	41.11 1.71 0.00	33.64 1.36 0.00	42.19 1.75 0.00	43.58 1.30 0.00	46.12 0.98 0.00	12.73 0.81 36.77	12.25 0.96 36.77	12.51 1.01 38.97	43.12 1.15 7.26	43.51 0.72 9.42	44.17 0.88 15.11	44.40 1.04 34.38	46.80 1.78 36.93	52.63 2.62 21.19	48.63 3.38 25.99	45.98 3.02 23.53	46.03 2.81 37.59	43.70 2.30 35.33	18.78 1.81 59.22	23.43 1.20 55.35	18.28 0.93 41.03	17.89 0.61 33.41
WALDENNY_12_KV_BK2 80841	51.03 0.15 0.00	42.50 -0.30 0.00	39.00 -0.39 0.00	31.75 -0.53 0.00	39.72 -0.72 0.00	41.90 -0.38 0.00	44.93 -0.21 0.00	47.96 -0.73 0.00	47.70 -0.37 0.00	51.30 0.83 0.00	51.18 1.95 0.00	55.36 3.15 0.00	62.61 4.21 0.00	84.06 6.32 0.00	88.38 6.44 0.00	76.88 5.68 0.00	77.94 6.70 0.00	73.00 6.52 0.00	87.56 6.75 0.00	83.34 6.60 0.00	81.50 5.31 0.00	82.38 4.80 0.00	63.27 4.88 0.00	54.76 4.07 0.00
WALDEN__HYDRO 24148	52.97 2.08 0.00	44.62 1.81 0.00	41.02 1.63 0.00	33.67 1.38 0.00	42.07 1.62 0.00	43.80 1.53 0.00	46.81 1.66 0.00	50.64 1.95 0.00	49.95 1.89 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.63 1.43 0.00	60.08 1.68 0.00	83.01 2.63 -2.64	85.68 3.00 -0.73	74.74 3.55 0.00	75.39 4.16 0.00	70.44 3.96 0.00	85.04 4.22 0.00	80.40 3.66 0.00	79.23 3.05 0.00	80.30 2.71 0.00	60.69 2.30 0.00	52.37 1.68 0.00
WARRENSBURG____ 23737	54.65 3.77 0.00	45.81 3.01 0.00	42.01 2.61 0.00	34.57 2.29 0.00	43.51 3.07 0.00	45.21 2.94 0.00	48.28 3.14 0.00	52.33 3.64 0.00	51.63 3.57 0.00	53.88 3.41 0.00	52.01 2.78 0.00	54.88 2.67 0.00	61.03 2.63 0.00	78.39 3.56 2.91	85.50 4.37 0.80	75.54 4.35 0.00	75.99 4.75 0.00	70.55 4.06 0.00	85.58 4.77 0.00	81.39 4.65 0.00	80.50 4.31 0.00	81.45 3.87 0.00	61.33 2.94 0.00	52.66 1.98 0.00
WATERSIDE____6 8 9 23538	52.46 2.05 0.47	44.85 2.04 0.00	41.28 1.89 0.00	33.86 1.57 0.00	42.24 1.80 0.00	44.00 1.72 0.00	47.02 1.87 0.00	50.72 2.03 0.00	50.10 2.03 0.00	52.29 1.82 0.00	50.96 1.72 0.00	53.45 1.24 0.00	59.78 1.38 0.00	83.39 2.25 -3.40	85.35 2.48 -0.93	74.36 3.17 0.00	75.10 3.87 0.01	69.95 3.48 0.01	75.76 3.42 8.47	68.53 2.80 11.00	66.43 2.32 12.08	66.69 1.92 12.81	54.88 1.84 5.35	52.32 1.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.37 0.49 0.00	43.21 0.41 0.00	39.75 0.35 0.00	32.68 0.39 0.00	40.96 0.51 0.00	42.71 0.44 0.00	45.51 0.36 0.00	49.12 0.43 0.00	48.33 0.27 0.00	50.46 -0.02 0.00	48.99 -0.24 0.00	51.82 -0.39 0.00	57.88 -0.51 0.00	77.01 -0.73 0.00	81.36 -0.58 0.00	71.39 0.19 0.00	71.71 0.47 0.00	67.06 0.58 0.00	81.86 1.05 0.00	77.95 1.22 0.00	77.24 1.05 0.00	78.49 0.91 0.00	59.16 0.77 0.00	51.00 0.31 0.00

WDELAWARE___HYD 323627	51.43 0.55 0.00	43.26 0.45 0.00	39.77 0.38 0.00	32.61 0.33 0.00	40.75 0.31 0.00	42.45 0.18 0.00	45.35 0.20 0.00	49.06 0.37 0.00	48.40 0.33 0.00	50.67 0.19 0.00	49.45 0.21 0.00	52.02 -0.19 0.00	58.24 -0.16 0.00	80.27 0.41 -2.13	83.45 0.93 -0.59	72.88 1.69 0.00	73.27 2.03 0.00	68.57 2.09 0.00	82.93 2.12 0.00	78.56 1.82 0.00	77.53 1.35 0.00	78.54 0.96 0.00	59.24 0.85 0.00	51.07 0.38 0.00
WEST BABYLON___IC 23714	53.07 2.70 0.51	45.34 2.53 0.00	41.90 2.50 0.00	34.33 2.04 0.00	43.00 2.56 0.00	44.44 2.17 0.00	47.26 2.11 0.00	18.67 2.11 32.13	18.01 2.09 32.15	18.52 2.05 34.00	45.12 2.18 6.30	45.90 1.86 8.17	47.43 2.14 13.11	51.73 3.31 29.32	54.01 3.93 31.86	57.01 4.11 18.30	54.30 4.93 21.87	50.43 4.36 20.41	52.65 4.45 32.62	49.86 3.78 30.66	28.02 3.29 51.45	33.84 2.88 46.62	27.78 2.24 32.84	23.42 1.72 28.99
WEST CANADA___HYD 24049	50.98 0.10 0.00	42.89 0.09 0.00	39.47 0.08 0.00	32.38 0.10 0.00	40.58 0.13 0.00	42.36 0.09 0.00	45.24 0.09 0.00	48.83 0.14 0.00	48.18 0.12 0.00	50.54 0.07 0.00	49.28 0.04 0.00	52.21 0.00 0.00	58.38 -0.01 0.00	77.69 -0.05 0.00	81.95 0.01 0.00	71.47 0.28 0.00	71.64 0.40 0.00	66.84 0.36 0.00	81.14 0.33 0.00	77.05 0.32 0.00	76.42 0.23 0.00	77.75 0.17 0.00	58.63 0.24 0.00	50.79 0.11 0.00
WESTERN_NY_WIND 24143	51.98 1.10 0.00	43.26 0.45 0.00	39.67 0.28 0.00	32.32 0.04 0.00	40.46 0.02 0.00	42.66 0.39 0.00	45.88 0.73 0.00	48.91 0.21 0.00	48.39 0.32 0.00	51.72 1.24 0.00	51.51 2.27 0.00	55.64 3.43 0.00	62.87 4.48 0.00	84.51 6.77 0.00	89.05 7.11 0.00	77.37 6.18 0.00	78.22 6.98 0.00	73.45 6.97 0.00	88.50 7.69 0.00	84.54 7.80 0.00	82.99 6.80 0.00	83.90 6.32 0.00	64.25 5.86 0.00	55.59 4.90 0.00
WESTOVER___LESR 323668	51.16 0.28 0.00	42.96 0.16 0.00	39.57 0.18 0.00	32.42 0.13 0.00	40.61 0.16 0.00	42.51 0.23 0.00	45.35 0.20 0.00	48.89 0.20 0.00	48.19 0.12 0.00	50.78 0.30 0.00	49.68 0.44 0.00	52.97 0.76 0.00	59.50 1.10 0.00	79.58 1.84 0.00	83.85 1.91 0.00	73.32 2.12 0.00	73.72 2.48 0.00	69.07 2.59 0.00	83.72 2.91 0.00	79.46 2.73 0.00	78.36 2.17 0.00	79.67 2.09 0.00	60.27 1.87 0.00	51.91 1.22 0.00
WETHRSFD_WT_PWR 323626	50.85 -0.03 0.00	42.45 -0.35 0.00	38.94 -0.45 0.00	31.73 -0.56 0.00	39.73 -0.71 0.00	41.83 -0.45 0.00	44.76 -0.39 0.00	47.79 -0.90 0.00	47.22 -0.84 0.00	50.63 0.16 0.00	50.01 0.77 0.00	53.87 1.66 0.00	60.97 2.57 0.00	81.73 3.99 0.00	85.73 3.79 0.00	74.90 3.71 0.00	76.17 4.94 0.00	71.05 4.56 0.00	85.43 4.62 0.00	81.85 5.12 0.00	80.32 4.13 0.00	81.41 3.82 0.00	62.28 3.89 0.00	53.78 3.09 0.00
WHAVSTOR_138KV_BK127 55557	52.57 1.69 0.00	44.35 1.55 0.00	40.83 1.43 0.00	33.49 1.21 0.00	41.83 1.39 0.00	43.55 1.28 0.00	46.57 1.42 0.00	50.34 1.65 0.00	49.65 1.59 0.00	51.98 1.51 0.00	50.62 1.38 0.00	53.26 1.05 0.00	59.64 1.25 0.00	83.03 2.09 -3.20	85.16 2.34 -0.88	74.17 2.98 0.00	74.88 3.65 0.00	69.89 3.41 0.00	84.24 3.43 0.00	79.59 2.85 0.00	78.62 2.43 0.00	79.67 2.09 0.00	60.28 1.89 0.00	52.11 1.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.57 1.69 0.00	44.35 1.55 0.00	40.83 1.43 0.00	33.49 1.21 0.00	41.83 1.39 0.00	43.55 1.28 0.00	46.57 1.42 0.00	50.34 1.65 0.00	49.65 1.59 0.00	51.98 1.51 0.00	50.62 1.38 0.00	53.26 1.05 0.00	59.64 1.25 0.00	83.03 2.09 -3.20	85.16 2.34 -0.88	74.17 2.98 0.00	74.88 3.65 0.00	69.89 3.41 0.00	84.24 3.43 0.00	79.59 2.85 0.00	78.62 2.43 0.00	79.67 2.09 0.00	60.28 1.89 0.00	52.11 1.42 0.00
WHITEHAL_115KV_TB1 80871	56.25 5.37 0.00	46.98 4.17 0.00	42.88 3.49 0.00	35.46 3.17 0.00	44.89 4.45 0.00	46.34 4.07 0.00	49.59 4.44 0.00	53.95 5.26 0.00	53.14 5.07 0.00	55.20 4.73 0.00	53.21 3.97 0.00	55.60 3.39 0.00	61.75 3.35 0.00	79.51 4.75 2.98	86.95 5.84 0.82	77.56 6.36 0.00	78.56 7.32 0.00	73.20 6.72 0.00	88.30 7.49 0.00	83.97 7.23 0.00	82.74 6.55 0.00	82.86 5.28 0.00	62.96 4.57 0.00	53.58 2.89 0.00
WHITEPLN_13_KV_LOAD 356215	53.56 2.68 0.00	45.15 2.35 0.00	41.52 2.12 0.00	34.06 1.77 0.00	42.53 2.09 0.00	44.29 2.02 0.00	47.38 2.23 0.00	51.26 2.57 0.00	50.63 2.56 0.00	52.98 2.50 0.00	51.64 2.41 0.00	54.36 2.15 0.00	60.83 2.43 0.00	84.76 3.63 -3.39	86.89 4.01 -0.94	75.70 4.50 0.00	76.45 5.21 0.00	71.39 4.91 0.00	85.97 5.16 0.00	81.17 4.43 0.00	80.12 3.94 0.00	81.12 3.54 0.00	61.35 2.95 0.00	52.95 2.26 0.00
WM_FLOYD_69_KV_BK2 356380	52.05 2.14 0.97	44.88 2.08 0.00	41.48 2.08 0.00	33.96 1.67 0.00	42.58 2.14 0.00	43.99 1.71 0.00	46.61 1.46 0.00	13.40 1.38 36.68	12.90 1.51 36.68	13.13 1.53 38.88	43.62 1.63 7.24	44.04 1.23 9.39	44.77 1.44 15.07	45.52 2.06 34.28	47.87 2.75 36.83	53.37 3.30 21.13	49.46 4.07 25.84	46.63 3.61 23.47	46.84 3.52 37.49	44.46 2.96 35.24	19.60 2.48 59.06	24.30 1.90 55.17	18.99 1.46 40.87	18.45 1.08 33.32
WOODARD___115KV_TB2 355635	50.27 -0.61 0.00	42.22 -0.58 0.00	38.86 -0.54 0.00	31.85 -0.43 0.00	39.90 -0.54 0.00	41.80 -0.53 -0.06	46.07 -0.54 -1.47	49.23 -0.60 -1.14	48.72 -0.59 -1.25	51.55 -0.43 -1.50	50.87 -0.18 -1.82	54.31 0.02 -2.07	61.21 0.21 -2.60	82.42 0.50 -4.18	86.97 0.51 -4.52	75.52 0.67 -3.65	75.97 1.06 -3.68	70.92 1.14 -3.30	86.51 1.23 -4.47	82.07 1.20 -4.14	81.11 0.85 -4.08	82.45 0.70 -4.18	61.67 0.66 -2.62	52.66 0.28 -1.69
WOODMERE_69_KV_BK1 55827	58.50 2.66 -4.96	45.15 2.35 0.00	41.90 2.51 0.00	34.35 2.07 0.00	42.97 2.53 0.00	44.57 2.29 0.00	47.34 2.19 0.00	50.78 2.25 0.16	50.19 2.13 0.00	53.19 2.10 -0.62	51.82 2.14 -0.44	54.61 1.81 -0.59	61.58 2.09 -1.09	88.79 3.30 -7.75	90.89 3.72 -5.23	77.84 4.17 -2.48	79.18 4.91 -3.03	72.41 4.45 -1.48	87.79 4.62 -2.36	82.93 3.97 -2.22	82.51 3.48 -2.84	104.26 3.14 -23.53	102.84 2.52 -41.92	54.75 1.96 -2.10
YORK___WARBASSE 23770	53.25 2.36 0.00	45.09 2.29 0.00	41.44 2.05 0.00	33.96 1.67 0.00	42.37 1.93 0.00	44.13 1.85 0.00	47.17 2.02 0.00	50.87 2.18 0.00	50.31 2.25 0.00	52.45 1.97 0.00	51.08 1.85 0.00	53.54 1.33 0.00	59.88 1.48 0.00	83.60 2.46 -3.40	85.66 2.78 -0.93	74.67 3.47 0.00	75.42 4.18 0.01	70.28 3.81 0.01	84.63 3.82 0.01	79.92 3.19 0.01	78.90 2.72 0.01	79.90 2.32 0.01	60.55 2.17 0.00	52.62 1.93 0.00