

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/29/2023

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	44.73	40.81	37.83	36.13	35.67	35.44	38.15	35.71	39.37	42.30	45.34	52.26	57.77	67.84	73.01	71.01	74.49	78.54	69.01	56.67	52.18	50.26	43.36	41.61
24138	3.62	3.13	2.87	2.83	2.91	2.97	2.72	3.09	3.48	3.81	4.09	5.04	5.13	5.40	5.22	5.70	5.60	5.55	5.37	4.99	4.47	4.51	3.61	3.66
	0.00	0.00	0.00	-0.46	0.00	-0.19	-6.44	-2.64	0.00	0.00	0.00	-0.99	-6.41	-15.44	-22.79	-18.98	-22.56	-26.76	-17.32	-5.50	-5.95	-3.60	-2.96	-1.03
74TH STREET_GT_1	44.49	40.81	37.83	36.17	35.70	35.47	38.18	35.71	39.37	42.26	45.38	52.26	57.63	67.80	73.02	71.05	74.63	78.49	68.97	56.62	52.22	50.26	43.62	41.64
24260	3.37	3.13	2.87	2.86	2.95	3.00	2.75	3.09	3.48	3.77	4.13	5.04	4.99	5.36	5.22	5.74	5.74	5.50	5.33	4.94	4.51	4.51	3.86	3.69
	0.00	0.00	0.00	-0.46	0.00	-0.19	-6.44	-2.64	0.00	0.00	0.00	-0.99	-6.41	-15.44	-22.79	-18.98	-22.56	-26.76	-17.32	-5.50	-5.95	-3.60	-2.96	-1.03
74TH STREET_GT_2	44.49	40.81	37.83	36.17	35.70	35.47	38.18	35.71	39.37	42.26	45.38	52.26	57.63	67.80	73.02	71.05	74.63	78.49	68.97	56.62	52.22	50.26	43.62	41.64
24261	3.37	3.13	2.87	2.86	2.95	3.00	2.75	3.09	3.48	3.77	4.13	5.04	4.99	5.36	5.22	5.74	5.74	5.50	5.33	4.94	4.51	4.51	3.86	3.69
	0.00	0.00	0.00	-0.46	0.00	-0.19	-6.44	-2.64	0.00	0.00	0.00	-0.99	-6.41	-15.44	-22.79	-18.98	-22.56	-26.76	-17.32	-5.50	-5.95	-3.60	-2.96	-1.03
ADK HUDSON___FALLS	44.32	40.66	37.69	36.87	35.27	35.05	39.88	35.90	38.83	41.69	44.56	51.17	57.58	68.92	74.19	71.38	76.91	82.19	72.83	56.70	52.65	50.23	43.50	40.80
24011	3.21	2.98	2.73	2.56	2.52	2.52	2.32	2.40	2.94	3.19	3.30	3.70	3.51	3.29	2.88	2.83	2.96	2.96	3.43	3.19	2.96	3.29	2.76	2.51
	0.00	0.00	0.00	-1.46	0.00	-0.25	-8.57	-3.51	0.00	0.00	0.00	-1.24	-7.84	-18.64	-26.30	-22.23	-27.62	-33.00	-23.07	-7.33	-7.93	-4.79	-3.94	-1.37
ADK RESOURCE___RCVRY	44.69	40.96	37.93	37.11	35.53	35.27	40.09	36.14	39.16	42.03	44.93	51.58	58.00	69.32	74.55	71.69	77.22	82.51	73.17	57.02	52.95	50.57	43.76	41.06
23798	3.58	3.28	2.97	2.79	2.78	2.74	2.52	2.64	3.27	3.54	3.67	4.11	3.93	3.67	3.20	3.10	3.24	3.23	3.75	3.51	3.26	3.63	3.02	2.77
	0.00	0.00	0.00	-1.46	0.00	-0.25	-8.58	-3.52	0.00	0.00	0.00	-1.24	-7.85	-18.66	-26.34	-22.26	-27.66	-33.05	-23.09	-7.34	-7.94	-4.79	-3.95	-1.37
ADK S GLENS___FALLS	44.32	40.66	37.69	36.87	35.27	35.05	39.88	35.90	38.83	41.69	44.56	51.17	57.58	68.92	74.19	71.38	76.91	82.19	72.83	56.70	52.65	50.23	43.50	40.80
24028	3.21	2.98	2.73	2.56	2.52	2.52	2.32	2.40	2.94	3.19	3.30	3.70	3.51	3.29	2.88	2.83	2.96	2.96	3.43	3.19	2.96	3.29	2.76	2.51
	0.00	0.00	0.00	-1.46	0.00	-0.25	-8.57	-3.51	0.00	0.00	0.00	-1.24	-7.84	-18.64	-26.30	-22.23	-27.62	-33.00	-23.07	-7.33	-7.93	-4.79	-3.94	-1.37
ADK_NYS___DAM	43.79	40.06	37.16	36.16	34.85	34.62	39.12	35.24	38.12	40.84	43.61	50.05	56.11	66.78	70.80	68.75	74.24	79.24	71.22	55.88	51.78	49.15	42.60	40.23
23527	2.67	2.38	2.20	2.13	2.10	2.10	1.91	1.89	2.23	2.35	2.35	2.68	2.73	2.91	2.65	2.69	2.69	2.73	2.78	2.68	2.42	2.40	2.02	1.99
	0.00	0.00	0.00	-1.17	0.00	-0.24	-8.22	-3.37	0.00	0.00	0.00	-1.14	-7.16	-16.87	-23.13	-19.74	-25.23	-30.28	-22.12	-7.03	-7.61	-4.59	-3.78	-1.31
AIR_PRODUCTS___DRP	42.10	38.96	36.18	35.05	33.70	33.46	38.09	34.24	36.82	39.53	42.41	48.58	55.02	66.27	71.62	69.00	74.17	79.26	69.66	54.26	50.31	47.74	41.59	39.20
24190	0.99	1.28	1.22	1.22	0.95	0.94	0.84	0.87	0.93	1.04	1.16	1.16	1.20	1.22	1.08	1.11	1.11	1.11	1.11	1.02	0.92	0.97	0.99	0.96
	0.00	0.00	0.00	-0.98	0.00	-0.24	-8.26	-3.39	0.00	0.00	0.00	-1.20	-7.58	-18.05	-25.54	-21.57	-26.73	-31.93	-22.23	-7.06	-7.64	-4.61	-3.80	-1.32
AKWESSNE_115KV_BK	39.92	36.78	34.16	32.13	32.16	31.74	28.50	29.44	35.25	37.84	40.47	45.12	45.17	45.73	44.02	45.03	44.98	44.98	45.03	45.12	40.79	41.27	36.17	36.26
355683	-1.19	-0.90	-0.80	-0.72	-0.59	-0.55	-0.49	-0.54	-0.65	-0.65	-0.78	-1.11	-1.06	-1.27	-0.99	-1.30	-1.34	-1.25	-1.30	-1.06	-0.96	-0.89	-0.63	-0.66
	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	42.10	38.96	36.18	35.05	33.70	33.46	38.09	34.24	36.82	39.53	42.41	48.58	55.02	66.27	71.62	69.00	74.17	79.26	69.66	54.26	50.31	47.74	41.59	39.20
23571	0.99	1.28	1.22	1.22	0.95	0.94	0.84	0.87	0.93	1.04	1.16	1.16	1.20	1.22	1.08	1.11	1.11	1.11	1.11	1.02	0.92	0.97	0.99	0.96
	0.00	0.00	0.00	-0.98	0.00	-0.24	-8.26	-3.39	0.00	0.00	0.00	-1.20	-7.58	-18.05	-25.54	-21.57	-26.73	-31.93	-22.23	-7.06	-7.64	-4.61	-3.80	-1.32
ALBANY___2	42.10	38.96	36.18	35.05	33.70	33.46	38.09	34.24	36.82	39.53	42.41	48.58	55.02	66.27	71.62	69.00	74.17	79.26	69.66	54.26	50.31	47.74	41.59	39.20
23572	0.99	1.28	1.22	1.22	0.95	0.94	0.84	0.87	0.93	1.04	1.16	1.16	1.20	1.22	1.08	1.11	1.11	1.11	1.11	1.02	0.92	0.97	0.99	0.96
	0.00	0.00	0.00	-0.98	0.00	-0.24	-8.26	-3.39	0.00	0.00	0.00	-1.20	-7.58	-18.05	-25.54	-21.57	-26.73	-31.93	-22.23	-7.06	-7.64	-4.61	-3.80	-1.32
ALBANY___3	42.10	38.96	36.18	35.05	33.70	33.46	38.09	34.24	36.82	39.53	42.41	48.58	55.02	66.27	71.62	69.00	74.17	79.26	69.66	54.26	50.31	47.74	41.59	39.20
23573	0.99	1.28	1.22	1.22	0.95	0.94	0.84	0.87	0.93	1.04	1.16	1.16	1.20	1.22	1.08	1.11	1.11	1.11	1.11	1.02	0.92	0.97	0.99	0.96
	0.00	0.00	0.00	-0.98	0.00	-0.24	-8.26	-3.39	0.00	0.00	0.00	-1.20	-7.58	-18.05	-25.54	-21.57	-26.73	-31.93	-22.23	-7.06	-7.64	-4.61	-3.80	-1.32

ALBANY___4 23574	42.10 0.99 0.00	38.96 1.28 0.00	36.18 1.22 0.00	35.05 1.22 -0.98	33.70 0.95 0.00	33.46 0.94 -0.24	38.09 0.84 -8.26	34.24 0.87 -3.39	36.82 0.93 0.00	39.53 1.04 0.00	42.41 1.16 0.00	48.58 1.16 -1.20	55.02 1.20 -7.58	66.27 1.22 -18.05	71.62 1.08 -25.54	69.00 1.11 -21.57	74.17 1.11 -26.73	79.26 1.11 -31.93	69.66 1.11 -22.23	54.26 1.02 -7.06	50.31 0.92 -7.64	47.74 0.97 -4.61	41.59 0.99 -3.80	39.20 0.96 -1.32
ALBANY___LFGE 323615	42.72 1.60 0.00	39.38 1.70 0.00	36.53 1.57 0.00	35.55 1.58 -1.12	34.06 1.31 0.00	33.85 1.32 -0.24	38.53 1.19 -8.35	34.61 1.20 -3.42	37.29 1.40 0.00	40.03 1.54 0.00	42.95 1.69 0.00	49.29 1.85 -1.21	55.73 1.85 -7.65	67.08 1.88 -18.20	72.39 1.67 -25.72	69.77 1.72 -21.73	75.00 1.72 -26.96	80.10 1.66 -32.21	70.51 1.72 -22.47	54.89 1.57 -7.14	50.90 1.42 -7.73	48.29 1.47 -4.67	42.11 1.47 -3.84	39.62 1.37 -1.33
ALCOA_PA_115KV_PL-6C 55860	40.05 -1.07 0.00	36.93 -0.75 0.00	34.30 -0.66 0.00	32.26 -0.59 0.00	32.36 -0.39 0.00	31.96 -0.32 0.00	28.67 -0.32 0.00	29.62 -0.36 0.00	35.46 -0.43 0.00	38.07 -0.42 0.00	40.72 -0.54 0.00	45.44 -0.79 0.00	45.44 -0.79 0.00	46.01 -0.99 0.00	44.24 -0.77 0.00	45.21 -1.11 0.00	45.17 -1.16 0.00	45.17 -1.06 0.00	45.21 -1.11 0.00	45.35 -0.83 0.00	41.00 -0.75 0.00	41.48 -0.67 0.00	36.39 -0.40 0.00	36.48 -0.44 0.00
ALCOA_RYNLDS___DRP 24188	40.05 -1.07 0.00	36.93 -0.75 0.00	34.30 -0.66 0.00	32.26 -0.59 0.00	32.36 -0.39 0.00	31.96 -0.32 0.00	28.67 -0.32 0.00	29.62 -0.36 0.00	35.46 -0.43 0.00	38.07 -0.42 0.00	40.72 -0.54 0.00	45.44 -0.79 0.00	45.44 -0.79 0.00	46.01 -0.99 0.00	44.24 -0.77 0.00	45.21 -1.11 0.00	45.17 -1.16 0.00	45.17 -1.06 0.00	45.21 -1.11 0.00	45.35 -0.83 0.00	41.00 -0.75 0.00	41.48 -0.67 0.00	36.39 -0.40 0.00	36.48 -0.44 0.00
ALCOA___DSASP 323711	40.17 -0.94 0.00	36.93 -0.75 0.00	34.29 -0.67 0.00	32.26 -0.59 0.00	32.39 -0.36 0.00	31.96 -0.32 0.00	28.67 -0.32 0.00	29.62 -0.36 0.00	35.46 -0.43 0.00	38.07 -0.42 0.00	40.72 -0.54 0.00	45.44 -0.79 0.00	45.44 -0.79 0.00	46.00 -0.99 0.00	44.24 -0.77 0.00	45.26 -1.06 0.00	45.26 -1.06 0.00	45.21 -1.02 0.00	45.21 -1.11 0.00	45.35 -0.83 0.00	41.00 -0.75 0.00	41.48 -0.68 0.00	36.39 -0.40 0.00	36.48 -0.44 0.00
ALLEGHENY___COGEN 23514	41.81 0.70 0.00	37.87 0.19 0.00	34.92 -0.03 0.00	32.70 -0.23 -0.07	32.59 -0.16 0.00	32.09 -0.22 -0.03	30.00 -0.03 -1.04	29.93 -0.48 -0.42	35.21 -0.68 0.00	36.64 -1.85 0.00	38.57 -2.68 0.00	43.29 -3.10 -0.15	44.03 -3.19 -0.99	46.35 -3.01 -2.36	45.04 -3.38 -3.41	46.27 -2.92 -2.86	47.30 -2.50 -3.48	48.34 -2.03 -4.14	48.23 -0.88 -2.79	46.97 -0.09 -0.89	42.88 0.17 -0.96	42.82 0.08 -0.58	38.52 1.25 -0.48	38.68 1.59 -0.17
ALTAMONT_115KV_TB 2 55880	42.68 1.56 0.00	39.26 1.58 0.00	36.43 1.47 0.00	35.18 1.45 -0.88	34.09 1.34 0.00	33.91 1.39 -0.24	38.50 1.25 -8.26	34.63 1.26 -3.39	37.33 1.44 0.00	40.03 1.54 0.00	42.95 1.69 0.00	49.29 1.85 -1.21	55.75 1.85 -7.67	67.20 1.93 -18.28	72.82 1.76 -26.06	70.11 1.85 -21.93	75.29 1.90 -27.07	80.38 1.85 -32.31	70.45 1.90 -22.23	55.09 1.85 -7.06	51.02 1.63 -7.64	48.50 1.73 -4.62	42.14 1.55 -3.80	39.75 1.51 -1.32
ALTONA_WT_PWR 323606	39.51 -1.60 0.00	36.47 -1.21 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.16 -0.59 0.00	31.74 -0.55 0.00	28.47 -0.52 0.00	29.44 -0.54 0.00	35.25 -0.65 0.00	37.87 -0.62 0.00	40.10 -1.15 0.00	44.47 -1.76 0.00	44.52 -1.71 0.00	45.07 -1.93 0.00	43.34 -1.66 0.00	44.33 -1.99 0.00	44.29 -2.04 0.00	44.29 -1.94 0.00	44.24 -2.08 0.00	44.38 -1.80 0.00	40.29 -1.46 0.00	40.93 -1.22 0.00	36.61 -0.18 0.00	36.70 -0.22 0.00
AMERICAN_REF_FUEL 24010	39.35 -1.77 0.00	36.13 -1.55 0.00	33.42 -1.54 0.00	31.08 -1.84 -0.07	31.31 -1.44 0.00	30.54 -1.78 -0.03	28.71 -1.22 -0.94	28.63 -1.74 -0.38	34.28 -1.61 0.00	36.53 -1.96 0.00	38.99 -2.27 0.00	43.69 -2.68 -0.14	44.30 -2.82 -0.89	46.83 -2.30 -2.14	45.12 -2.97 -3.08	46.46 -2.46 -2.59	47.06 -2.41 -3.14	47.38 -2.59 -3.74	46.62 -2.22 -2.52	44.40 -2.59 -0.80	40.32 -2.30 -0.87	40.06 -2.61 -0.52	35.39 -1.84 -0.43	35.86 -1.22 -0.15
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.44 0.33 0.00	37.72 0.04 0.00	34.75 -0.21 0.00	32.54 -0.39 -0.08	32.52 -0.23 0.00	31.77 -0.55 -0.03	29.96 -0.12 -1.08	30.04 -0.39 -0.44	36.25 0.36 0.00	38.72 0.23 0.00	41.34 0.08 0.00	45.88 -0.51 -0.16	46.57 -0.69 -1.03	49.51 0.05 -2.47	47.68 -0.90 -3.57	49.18 -0.14 -2.99	49.92 -0.05 -3.64	50.29 -0.28 -4.33	49.29 0.05 -2.92	46.69 -0.42 -0.93	42.38 -0.38 -1.00	42.17 -0.59 -0.61	36.93 -0.37 -0.50	37.21 0.11 -0.17
ARTHUR_KILL_GT_1 23520	37.02 3.41 7.50	36.58 2.90 4.00	36.54 2.73 1.15	36.08 2.76 -0.46	35.58 2.82 -0.01	35.45 2.97 -0.19	36.55 2.61 -4.95	35.58 2.97 -2.63	37.01 3.34 2.22	39.58 3.42 2.34	38.27 3.88 6.87	39.63 4.62 11.22	42.03 4.53 8.74	52.75 4.98 -0.78	58.68 4.91 -8.77	57.86 5.33 -6.21	62.50 5.33 -10.85	65.35 5.18 -13.94	55.83 5.00 -4.50	42.54 4.57 8.21	41.43 4.26 4.58	42.25 4.38 4.28	41.34 3.61 -0.94	39.34 3.51 1.09
ARTHUR_KILL_2 23512	36.86 3.25 7.50	36.43 2.75 4.00	36.43 2.62 1.15	35.95 2.63 -0.46	35.48 2.72 -0.01	35.32 2.84 -0.19	36.43 2.49 -4.95	35.46 2.85 -2.63	36.86 3.19 2.22	39.43 3.27 2.34	38.06 3.67 6.87	39.45 4.44 11.22	41.79 4.30 8.74	52.52 4.74 -0.78	58.45 4.68 -8.77	57.58 5.05 -6.21	62.22 5.05 -10.85	65.12 4.95 -13.94	55.59 4.77 -4.50	42.31 4.34 8.21	41.22 4.05 4.58	42.05 4.17 4.28	41.19 3.46 -0.94	39.19 3.36 1.09
ARTHUR_KILL_3 23513	36.60 3.00 7.51	36.24 2.56 4.01	36.18 2.38 1.16	35.71 2.40 -0.46	35.24 2.49 0.00	35.02 2.55 -0.19	36.26 2.32 -4.95	35.35 2.73 -2.64	36.58 2.91 2.22	39.32 3.16 2.33	37.90 3.50 6.86	39.32 4.30 11.21	41.80 4.30 8.73	52.44 4.65 -0.79	58.33 4.54 -8.77	57.45 4.91 -6.22	62.04 4.86 -10.86	64.99 4.81 -13.95	55.46 4.63 -4.50	42.27 4.30 8.21	41.06 3.88 4.57	41.80 3.92 4.28	40.91 3.16 -0.95	38.96 3.14 1.10
ARTHUR_KILL_COGEN 323718	37.02 3.41 7.50	36.58 2.90 4.00	36.54 2.73 1.15	36.08 2.76 -0.46	35.58 2.82 -0.01	35.45 2.97 -0.19	36.55 2.61 -4.95	35.58 2.97 -2.63	37.01 3.34 2.22	39.58 3.42 2.34	38.27 3.88 6.87	39.63 4.62 11.22	42.03 4.53 8.74	52.75 4.98 -0.78	58.68 4.91 -8.77	57.86 5.33 -6.21	62.50 5.33 -10.85	65.35 5.18 -13.94	55.83 5.00 -4.50	42.54 4.57 8.21	41.43 4.26 4.58	42.25 4.38 4.28	41.34 3.61 -0.94	39.34 3.51 1.09
ASHOKAN____ 23654	44.08 2.96 0.00	40.32 2.64 0.00	37.34 2.38 0.00	34.92 1.38 -0.69	34.88 2.13 0.00	34.04 1.55 -0.21	37.29 1.01 -7.29	34.08 1.11 -2.99	37.51 1.62 0.00	40.30 1.81 0.00	43.15 1.90 0.00	48.93 1.62 -1.09	54.93 1.76 -6.94	65.31 1.69 -16.62	72.10 3.64 -23.45	70.39 3.94 -20.13	74.03 3.89 -23.81	78.43 3.93 -28.27	67.66 1.76 -19.57	54.03 1.62 -6.23	49.83 1.34 -6.74	47.62 1.39 -4.07	41.40 1.25 -3.35	39.34 1.26 -1.16

ASTORIA_EAST_ENERGY_CC1 323581	44.45 3.33 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.54 2.78 -0.01	35.35 2.87 -0.19	38.04 2.61 -6.44	35.51 2.88 -2.65	39.12 3.23 0.00	41.68 3.19 0.00	44.89 3.63 0.00	51.66 4.44 -0.99	56.84 4.21 -6.41	67.23 4.80 -15.44	72.44 4.64 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	77.99 4.99 -26.76	68.37 4.73 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.33 3.57 -2.97	41.47 3.51 -1.03
ASTORIA_EAST_ENERGY_CC2 323582	44.45 3.33 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.54 2.78 -0.01	35.35 2.87 -0.19	38.04 2.61 -6.44	35.51 2.88 -2.65	39.12 3.23 0.00	41.68 3.19 0.00	44.89 3.63 0.00	51.66 4.44 -0.99	56.84 4.21 -6.41	67.23 4.80 -15.44	72.44 4.64 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	77.99 4.99 -26.76	68.37 4.73 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.33 3.57 -2.97	41.47 3.51 -1.03
ASTORIA_GT2_1 24094	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT2_2 24095	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT2_3 24096	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT2_4 24097	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT3_1 24098	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT3_2 24099	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT3_3 24100	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT3_4 24101	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT4_1 24102	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT4_2 24103	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT4_3 24104	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT4_4 24105	44.17 3.04 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.61 2.85 -0.01	35.38 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.38 4.16 -0.99	56.89 4.25 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.51 5.19 -18.99	74.13 5.23 -22.57	78.03 5.04 -26.76	68.42 4.77 -17.32	55.83 4.16 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.48 3.72 -2.97	41.50 3.54 -1.03
ASTORIA_GT_1 23523	44.58 3.45 -0.01	40.70 3.02 -0.01	37.80 2.83 -0.01	36.11 2.79 -0.46	35.64 2.88 -0.01	35.45 2.97 -0.19	38.13 2.70 -6.44	35.60 2.97 -2.65	39.23 3.34 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.80 4.58 -0.99	57.03 4.39 -6.41	67.37 4.93 -15.44	72.62 4.82 -22.79	70.50 5.19 -18.99	74.08 5.19 -22.57	78.12 5.13 -26.76	68.51 4.86 -17.32	56.06 4.39 -5.49	51.92 4.22 -5.95	50.14 4.38 -3.60	43.44 3.68 -2.97	41.58 3.62 -1.03

ASTORIA_GT_10 24110	44.16 3.04 0.00	40.58 2.90 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.61 4.39 -0.99	56.94 4.30 -6.41	67.18 4.75 -15.44	72.48 4.68 -22.79	70.45 5.14 -18.98	74.07 5.19 -22.56	77.94 4.95 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.76 4.05 -5.95	49.92 4.17 -3.60	43.36 3.61 -2.96	41.42 3.47 -1.03
ASTORIA_GT_11 24225	44.16 3.04 0.00	40.58 2.90 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.61 4.39 -0.99	56.94 4.30 -6.41	67.18 4.75 -15.44	72.48 4.68 -22.79	70.45 5.14 -18.98	74.07 5.19 -22.56	77.94 4.95 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.76 4.05 -5.95	49.92 4.17 -3.60	43.36 3.61 -2.96	41.42 3.47 -1.03
ASTORIA_GT_12 24226	44.16 3.04 0.00	40.58 2.90 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.61 4.39 -0.99	56.94 4.30 -6.41	67.18 4.75 -15.44	72.48 4.68 -22.79	70.45 5.14 -18.98	74.07 5.19 -22.56	77.94 4.95 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.76 4.05 -5.95	49.92 4.17 -3.60	43.36 3.61 -2.96	41.42 3.47 -1.03
ASTORIA_GT_13 24227	44.16 3.04 0.00	40.58 2.90 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.61 4.39 -0.99	56.94 4.30 -6.41	67.18 4.75 -15.44	72.48 4.68 -22.79	70.45 5.14 -18.98	74.07 5.19 -22.56	77.94 4.95 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.76 4.05 -5.95	49.92 4.17 -3.60	43.36 3.61 -2.96	41.42 3.47 -1.03
ASTORIA_GT_5 24106	44.58 3.45 -0.01	40.70 3.02 -0.01	37.80 2.83 -0.01	36.11 2.79 -0.46	35.64 2.88 -0.01	35.45 2.97 -0.19	38.13 2.70 -6.44	35.60 2.97 -2.65	39.23 3.34 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.80 4.58 -0.99	57.03 4.39 -6.41	67.37 4.93 -15.44	72.62 4.82 -22.79	70.50 5.19 -18.99	74.08 5.19 -22.57	78.12 5.13 -26.76	68.51 4.86 -17.32	56.06 4.39 -5.49	51.92 4.22 -5.95	50.14 4.38 -3.60	43.44 3.68 -2.97	41.58 3.62 -1.03
ASTORIA_GT_7 24107	44.58 3.45 -0.01	40.70 3.02 -0.01	37.80 2.83 -0.01	36.11 2.79 -0.46	35.64 2.88 -0.01	35.45 2.97 -0.19	38.13 2.70 -6.44	35.60 2.97 -2.65	39.23 3.34 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.80 4.58 -0.99	57.03 4.39 -6.41	67.37 4.93 -15.44	72.62 4.82 -22.79	70.50 5.19 -18.99	74.08 5.19 -22.57	78.12 5.13 -26.76	68.51 4.86 -17.32	56.06 4.39 -5.49	51.92 4.22 -5.95	50.14 4.38 -3.60	43.44 3.68 -2.97	41.58 3.62 -1.03
ASTORIA_GT_8 24108	44.29 3.17 -0.01	40.70 3.01 -0.01	37.80 2.83 -0.01	36.11 2.79 -0.46	35.67 2.91 -0.01	35.45 2.97 -0.19	38.13 2.70 -6.44	35.60 2.97 -2.65	39.23 3.34 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.52 4.30 -0.99	57.03 4.39 -6.41	67.37 4.93 -15.44	72.62 4.82 -22.79	70.65 5.33 -18.99	74.27 5.37 -22.57	78.17 5.18 -26.76	68.51 4.86 -17.32	55.97 4.29 -5.49	51.92 4.22 -5.95	50.18 4.43 -3.60	43.55 3.79 -2.97	41.58 3.62 -1.03
ASTORIA___2 24149	44.50 3.37 -0.01	40.63 2.94 -0.01	37.73 2.76 -0.01	36.04 2.73 -0.46	35.58 2.82 -0.01	35.39 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.12 3.23 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.66 4.44 -0.99	56.89 4.25 -6.41	67.23 4.80 -15.44	72.48 4.68 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	78.03 5.04 -26.76	68.37 4.73 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.06 4.30 -3.60	43.37 3.61 -2.97	41.50 3.55 -1.03
ASTORIA___3 23516	44.49 3.37 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.53 2.78 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.71 4.48 -0.99	56.94 4.30 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.36 5.05 -18.98	73.93 5.05 -22.56	77.89 4.90 -26.76	68.32 4.68 -17.32	55.97 4.30 -5.49	51.75 4.05 -5.95	49.92 4.17 -3.60	43.25 3.50 -2.96	41.42 3.47 -1.03
ASTORIA___4 23517	44.16 3.04 0.00	40.58 2.90 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.61 4.39 -0.99	56.94 4.30 -6.41	67.18 4.75 -15.44	72.48 4.68 -22.79	70.45 5.14 -18.98	74.07 5.19 -22.56	77.89 4.90 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.76 4.05 -5.95	49.92 4.17 -3.60	43.36 3.61 -2.96	41.42 3.47 -1.03
ASTORIA___5 23518	44.49 3.37 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.53 2.78 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.71 4.48 -0.99	56.94 4.30 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.36 5.05 -18.98	73.93 5.05 -22.56	77.89 4.90 -26.76	68.32 4.68 -17.32	55.97 4.30 -5.49	51.75 4.05 -5.95	49.92 4.17 -3.60	43.25 3.50 -2.96	41.42 3.47 -1.03
AST_ENERGY_2_CC3 323677	44.32 3.21 0.00	40.43 2.75 0.00	37.48 2.52 0.00	35.84 2.53 -0.46	35.37 2.62 0.00	35.15 2.68 -0.19	37.86 2.44 -6.44	35.41 2.79 -2.64	38.97 3.09 0.01	41.79 3.31 0.01	44.88 3.63 0.01	51.70 4.48 -0.98	57.11 4.48 -6.40	67.27 4.84 -15.44	72.48 4.68 -22.79	70.40 5.10 -18.98	73.93 5.05 -22.56	77.93 4.95 -26.75	68.45 4.82 -17.31	56.10 4.43 -5.49	51.75 4.05 -5.95	49.84 4.09 -3.60	43.07 3.31 -2.96	41.24 3.29 -1.03
AST_ENERGY_2_CC4 323678	44.32 3.21 0.00	40.43 2.75 0.00	37.48 2.52 0.00	35.84 2.53 -0.46	35.37 2.62 0.00	35.15 2.68 -0.19	37.86 2.44 -6.44	35.41 2.79 -2.64	38.97 3.09 0.01	41.79 3.31 0.01	44.88 3.63 0.01	51.70 4.48 -0.98	57.11 4.48 -6.40	67.27 4.84 -15.44	72.48 4.68 -22.79	70.40 5.10 -18.98	73.93 5.05 -22.56	77.93 4.95 -26.75	68.45 4.82 -17.31	56.10 4.43 -5.49	51.75 4.05 -5.95	49.84 4.09 -3.60	43.07 3.31 -2.96	41.24 3.29 -1.03
ATHENS_STG_1 23668	42.97 1.85 0.00	39.30 1.62 0.00	36.50 1.54 0.00	34.85 1.51 -0.48	34.26 1.51 0.00	34.04 1.55 -0.21	37.65 1.39 -7.27	34.43 1.47 -2.98	37.58 1.69 0.00	40.34 1.85 0.00	43.36 2.10 0.00	49.86 2.54 -1.09	55.78 2.54 -7.01	66.48 2.68 -16.81	71.94 2.52 -24.41	69.50 2.73 -20.44	73.69 2.69 -24.68	78.22 2.63 -29.36	68.56 2.69 -19.55	54.98 2.58 -6.21	50.81 2.34 -6.72	48.53 2.32 -4.06	42.09 1.95 -3.34	40.00 1.92 -1.16
ATHENS_STG_2 23670	42.97 1.85 0.00	39.30 1.62 0.00	36.50 1.54 0.00	34.85 1.51 -0.48	34.26 1.51 0.00	34.04 1.55 -0.21	37.65 1.39 -7.27	34.43 1.47 -2.98	37.58 1.69 0.00	40.34 1.85 0.00	43.36 2.10 0.00	49.86 2.54 -1.09	55.78 2.54 -7.01	66.48 2.68 -16.81	71.94 2.52 -24.41	69.50 2.73 -20.44	73.69 2.69 -24.68	78.22 2.63 -29.36	68.56 2.69 -19.55	54.98 2.58 -6.21	50.81 2.34 -6.72	48.53 2.32 -4.06	42.09 1.95 -3.34	40.00 1.92 -1.16

ATHENS_STG_3 23677	42.97 1.85 0.00	39.30 1.62 0.00	36.50 1.54 0.00	34.85 1.51 -0.48	34.26 1.51 0.00	34.04 1.55 -0.21	37.65 1.39 -7.27	34.43 1.47 -2.98	37.58 1.69 0.00	40.34 1.85 0.00	43.36 2.10 0.00	49.86 2.54 -1.09	55.78 2.54 -7.01	66.48 2.68 -16.81	71.94 2.52 -24.41	69.50 2.73 -20.44	73.69 2.69 -24.68	78.22 2.63 -29.36	68.56 2.69 -19.55	54.98 2.58 -6.21	50.81 2.34 -6.72	48.53 2.32 -4.06	42.09 1.95 -3.34	40.00 1.92 -1.16
AUBURN____LFGE 323710	41.98 0.86 0.00	38.13 0.45 0.00	35.24 0.28 0.00	33.10 0.20 -0.05	33.18 0.43 0.00	32.47 0.16 -0.02	29.90 0.14 -0.77	30.48 0.18 -0.31	36.25 0.36 0.00	38.84 0.35 0.00	41.71 0.45 0.00	46.95 0.60 -0.11	47.47 0.51 -0.73	49.55 0.80 -1.75	47.94 0.41 -2.53	49.14 0.69 -2.12	49.64 0.74 -2.58	49.99 0.69 -3.07	49.09 0.69 -2.07	47.39 0.55 -0.66	42.92 0.46 -0.71	43.00 0.42 -0.43	37.43 0.18 -0.45	37.31 0.26 -0.12
BABYLON_RES_REC 323704	53.92 4.64 -8.16	42.88 3.99 -1.21	39.03 3.67 -0.40	36.76 3.45 -0.46	36.26 3.51 0.00	39.19 3.62 -3.29	38.67 3.25 -6.44	40.37 3.57 -6.82	40.51 4.13 -0.50	60.95 4.54 -17.92	50.19 4.66 -4.28	52.55 5.04 -1.28	57.40 4.76 -6.41	71.00 4.89 -19.12	98.13 5.00 -48.13	111.86 5.42 -60.12	123.47 5.46 -71.68	82.08 5.41 -30.44	73.44 5.19 -21.93	60.61 5.08 -9.35	53.98 4.68 -7.55	50.91 4.76 -3.99	48.49 4.49 -7.20	43.23 4.47 -1.84
BABYLON__69_KV_BK2 356345	54.50 5.22 -8.16	43.56 4.67 -1.21	39.59 4.23 -0.40	37.32 4.01 -0.46	36.71 3.96 0.00	39.78 4.20 -3.29	39.17 3.74 -6.44	40.88 4.08 -6.82	41.16 4.77 -0.50	61.73 5.31 -17.92	52.99 5.53 -6.21	54.45 6.33 -1.88	58.70 6.06 -6.41	80.41 6.34 -27.07	102.28 6.35 -50.92	117.88 6.95 -64.60	140.01 7.00 -86.69	91.38 6.80 -38.36	84.94 6.72 -31.90	70.14 6.28 -17.68	58.17 5.76 -10.66	52.27 5.27 -4.85	52.55 5.22 -10.54	45.07 5.13 -3.01
BARON_WINDS____WT_PWR 323822	41.53 0.41 0.00	37.87 0.19 0.00	34.96 0.00 0.00	32.79 -0.16 -0.10	32.69 -0.07 0.00	32.00 -0.32 -0.04	30.22 -0.09 -1.32	30.22 -0.30 -0.54	36.07 0.18 0.00	38.53 0.04 0.00	41.21 -0.04 0.00	45.96 -0.46 -0.20	46.93 -0.55 -1.25	49.95 -0.05 -3.00	48.62 -0.72 -4.33	49.82 -0.14 -3.63	50.65 -0.09 -4.42	51.26 -0.23 -5.26	49.96 0.09 -3.54	47.17 -0.14 -1.12	42.84 -0.12 -1.22	42.60 -0.29 -0.74	37.24 -0.18 -0.63	37.25 0.11 -0.21
BARRETT_IC_1 23704	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_10 23701	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_11 23702	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_12 23703	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_2 23705	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_3 23706	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_4 23707	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_5 23708	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_6 23709	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_7 23710	52.69 3.41 -8.16	41.94 3.05 -1.21	38.26 2.90 -0.40	36.27 2.96 -0.46	35.77 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	52.03 4.81 -0.99	56.94 4.30 -6.41	67.05 4.61 -15.45	96.53 4.68 -46.84	109.57 5.19 -58.05	116.27 5.19 -64.75	78.01 4.99 -26.79	68.56 4.91 -17.33	56.21 4.53 -5.50	52.14 4.30 -6.09	49.59 3.84 -3.60	45.84 3.64 -5.40	41.56 3.58 -1.05

BARRETT_IC_8 23711	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT_IC_9 23700	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT___1 23545	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BARRETT___2 23546	52.89 3.62 -8.16	41.98 3.09 -1.21	38.30 2.94 -0.40	36.20 2.89 -0.46	35.76 3.01 0.00	38.55 2.97 -3.29	38.09 2.67 -6.44	39.80 3.00 -6.82	39.80 3.41 -0.50	60.07 3.66 -17.92	48.36 3.88 -3.23	51.94 4.72 -0.99	56.94 4.30 -6.41	67.04 4.61 -15.44	96.52 4.68 -46.83	109.46 5.10 -58.04	116.12 5.05 -64.75	77.96 4.95 -26.78	68.41 4.77 -17.32	56.20 4.53 -5.50	52.10 4.26 -6.09	50.01 4.26 -3.60	45.77 3.57 -5.40	41.56 3.58 -1.05
BATAVIA___115KV_TB1 55881	42.51 1.40 0.00	37.45 -0.23 0.00	34.54 -0.42 0.00	32.32 -0.59 -0.06	32.26 -0.49 0.00	31.76 -0.55 -0.02	29.74 -0.12 -0.87	29.83 -0.51 -0.36	35.68 -0.22 0.00	38.03 -0.46 0.00	40.64 -0.62 0.00	45.53 -0.83 -0.13	46.18 -0.88 -0.83	48.64 -0.33 -1.98	46.69 -1.17 -2.85	48.21 -0.51 -2.39	48.82 -0.42 -2.91	49.18 -0.51 -3.46	48.24 -0.42 -2.33	46.50 -0.42 -0.74	42.05 -0.50 -0.80	42.01 -0.63 -0.48	36.79 -0.40 -0.40	37.36 0.30 -0.14
BAYONEEC___CTG1 323682	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG10 323750	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG2 323683	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG3 323684	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG4 323685	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG5 323686	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG6 323687	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG7 323688	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG8 323689	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10
BAYONEEC___CTG9 323749	44.31 3.21 0.02	40.41 2.75 0.02	37.51 2.55 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.89 2.46 -6.44	35.44 2.82 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	38.07 3.67 6.86	39.50 4.48 11.21	41.98 4.48 8.73	52.62 4.84 -0.79	58.51 4.72 -8.77	57.68 5.14 -6.22	62.28 5.10 -10.86	65.17 4.99 -13.95	55.65 4.82 -4.50	42.45 4.48 8.21	41.23 4.05 4.57	41.97 4.09 4.28	41.06 3.31 -0.95	39.11 3.29 1.10

BEACON___LESR 323632	42.92 1.81 0.00	39.56 1.88 0.00	36.74 1.78 0.00	35.58 1.74 -0.99	34.26 1.51 0.00	34.04 1.52 -0.24	38.60 1.36 -8.25	34.77 1.41 -3.38	37.54 1.65 0.00	40.26 1.77 0.00	43.24 1.98 0.00	49.50 2.08 -1.19	55.87 2.08 -7.56	67.09 2.12 -17.98	72.26 1.85 -25.41	69.64 1.85 -21.47	74.76 1.80 -26.64	79.90 1.85 -31.82	70.42 1.90 -22.20	54.98 1.75 -7.05	50.93 1.55 -7.63	48.41 1.64 -4.61	42.28 1.69 -3.79	39.83 1.59 -1.31
BEAVER RIVER___HYD 24048	41.77 0.66 0.00	38.51 0.83 0.00	35.55 0.59 0.00	33.41 0.56 0.00	33.47 0.72 0.00	33.03 0.74 -0.01	29.74 0.52 -0.23	30.59 0.51 -0.10	36.54 0.65 0.00	39.07 0.58 0.00	41.83 0.58 0.00	46.91 0.65 -0.03	47.01 0.56 -0.22	47.95 0.42 -0.53	45.87 0.09 -0.77	47.06 0.09 -0.64	47.20 0.09 -0.78	47.25 0.09 -0.93	47.46 0.51 -0.63	47.03 0.65 -0.20	42.59 0.63 -0.22	43.21 0.93 -0.13	37.69 0.74 -0.16	37.66 0.70 -0.04
BEEBEE_GT_13 23619	41.86 0.74 0.00	37.38 -0.30 0.00	34.57 -0.38 0.00	32.38 -0.53 -0.05	32.29 -0.46 0.00	31.85 -0.45 -0.02	29.62 -0.12 -0.74	29.96 -0.33 -0.30	35.64 -0.25 0.00	38.15 -0.35 0.00	40.88 -0.37 0.00	46.11 -0.23 -0.11	46.71 -0.23 -0.71	48.92 0.23 -1.69	47.00 -0.45 -2.44	48.38 0.00 -2.05	48.82 0.00 -2.49	49.10 -0.09 -2.97	48.23 -0.09 -2.00	46.68 -0.14 -0.63	42.19 -0.25 -0.69	42.23 -0.34 -0.41	36.81 -0.33 -0.34	37.19 0.15 -0.12
BENSHRST_27_KV_BENSHRST_1 355998	44.73 3.62 0.00	41.03 3.35 0.00	38.11 3.15 -0.01	36.40 3.09 -0.46	35.94 3.18 -0.01	35.74 3.26 -0.19	38.36 2.93 -6.44	35.93 3.30 -2.65	39.62 3.73 0.00	42.42 3.93 0.00	45.68 4.37 -0.06	88.41 5.18 -37.01	88.54 5.09 -37.22	88.76 5.55 -36.22	125.54 5.40 -75.13	88.94 5.93 -36.69	166.05 5.98 -113.75	83.91 5.69 -32.00	170.01 5.51 -118.17	83.64 4.99 -32.48	103.57 4.72 -57.10	83.61 4.81 -36.65	43.97 4.16 -3.02	41.90 3.95 -1.03
BETHLEHEM___GRP 23843	42.10 0.99 0.00	38.96 1.28 0.00	36.18 1.22 0.00	35.05 1.22 -0.98	33.70 0.95 0.00	33.46 0.94 -0.24	38.09 0.84 -8.26	34.24 0.87 -3.39	36.82 0.93 0.00	39.53 1.04 0.00	42.41 1.16 0.00	48.58 1.16 -1.20	55.02 1.20 -7.58	66.27 1.22 -18.05	71.62 1.08 -25.54	69.00 1.11 -21.57	74.17 1.11 -26.73	79.26 1.11 -31.93	69.66 1.11 -22.23	54.26 1.02 -7.06	50.31 0.92 -7.64	47.74 0.97 -4.61	41.59 0.99 -3.80	39.20 0.96 -1.32
BETHLEHEM___GS1 323560	42.23 1.11 0.00	38.96 1.28 0.00	36.18 1.22 0.00	35.05 1.22 -0.98	33.67 0.92 0.00	33.46 0.94 -0.24	38.09 0.84 -8.26	34.24 0.87 -3.39	36.82 0.93 0.00	39.53 1.04 0.00	42.41 1.15 0.00	48.63 1.20 -1.20	55.01 1.20 -7.58	66.26 1.22 -18.05	71.62 1.08 -25.54	69.00 1.11 -21.57	74.16 1.11 -26.73	79.26 1.11 -31.92	69.66 1.11 -22.23	54.25 1.01 -7.06	50.31 0.92 -7.64	47.74 0.97 -4.61	41.66 1.07 -3.80	39.20 0.96 -1.32
BETHLEHEM___GS2 323561	42.23 1.11 0.00	38.96 1.28 0.00	36.18 1.22 0.00	35.05 1.22 -0.98	33.67 0.92 0.00	33.46 0.94 -0.24	38.09 0.84 -8.26	34.24 0.87 -3.39	36.82 0.93 0.00	39.53 1.04 0.00	42.41 1.15 0.00	48.63 1.20 -1.20	55.01 1.20 -7.58	66.26 1.22 -18.05	71.62 1.08 -25.54	69.00 1.11 -21.57	74.16 1.11 -26.73	79.26 1.11 -31.92	69.66 1.11 -22.23	54.25 1.01 -7.06	50.31 0.92 -7.64	47.74 0.97 -4.61	41.66 1.07 -3.80	39.20 0.96 -1.32
BETHLEHEM___GS3 323562	42.23 1.11 0.00	38.96 1.28 0.00	36.18 1.22 0.00	35.05 1.22 -0.98	33.67 0.92 0.00	33.46 0.94 -0.24	38.09 0.84 -8.26	34.24 0.87 -3.39	36.82 0.93 0.00	39.53 1.04 0.00	42.41 1.15 0.00	48.63 1.20 -1.20	55.01 1.20 -7.58	66.26 1.22 -18.05	71.62 1.08 -25.54	69.00 1.11 -21.57	74.16 1.11 -26.73	79.26 1.11 -31.92	69.66 1.11 -22.23	54.25 1.01 -7.06	50.31 0.92 -7.64	47.74 0.97 -4.61	41.66 1.07 -3.80	39.20 0.96 -1.32
BETHLEHEM___STEEL 23779	42.14 1.03 0.00	37.30 -0.38 0.00	34.40 -0.56 0.00	32.20 -0.72 -0.07	32.16 -0.59 0.00	31.44 -0.87 -0.03	29.51 -0.49 -1.01	29.50 -0.90 -0.41	35.60 -0.29 0.00	37.99 -0.50 0.00	40.60 -0.66 0.00	45.04 -1.34 -0.15	45.76 -1.43 -0.96	48.50 -0.80 -2.30	46.76 -1.58 -3.32	48.33 -0.79 -2.79	49.06 -0.65 -3.39	49.39 -0.88 -4.03	48.16 -0.88 -2.72	45.80 -1.25 -0.86	41.56 -1.13 -0.93	41.41 -1.31 -0.56	36.19 -1.07 -0.46	36.72 -0.37 -0.16
BETHLHEM_115KV_TB1 79974	42.23 1.11 0.00	39.04 1.36 0.00	36.22 1.26 0.00	35.09 1.28 -0.96	33.77 1.02 0.00	33.56 1.03 -0.24	38.17 0.93 -8.25	34.30 0.93 -3.38	36.93 1.04 0.00	39.61 1.12 0.00	42.53 1.28 0.00	48.72 1.29 -1.20	55.16 1.34 -7.59	66.43 1.36 -18.07	71.82 1.22 -25.59	69.18 1.25 -21.61	74.38 1.30 -26.76	79.43 1.25 -31.95	69.79 1.25 -22.21	54.44 1.20 -7.06	50.43 1.04 -7.64	47.90 1.14 -4.61	41.69 1.10 -3.80	39.31 1.07 -1.32
BETHPAGE_CC_5 323564	53.39 4.11 -8.16	42.47 3.58 -1.21	38.72 3.36 -0.40	36.53 3.22 -0.46	36.03 3.27 0.00	38.94 3.36 -3.29	38.44 3.01 -6.44	40.16 3.36 -6.82	40.23 3.84 -0.50	60.57 4.16 -17.92	49.28 4.29 -3.73	52.43 5.13 -1.07	57.54 4.90 -6.41	68.66 5.22 -16.45	97.46 5.26 -47.19	110.59 5.65 -58.62	118.62 5.65 -66.65	79.56 5.55 -27.79	70.23 5.33 -18.58	57.86 5.13 -6.55	52.92 4.63 -6.54	50.54 4.68 -3.71	47.07 4.01 -6.26	42.41 4.06 -1.43
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.27 1.15 0.00	37.42 -0.26 0.00	34.50 -0.45 0.00	32.30 -0.62 -0.07	32.26 -0.49 0.00	31.47 -0.84 -0.03	29.49 -0.52 -1.02	29.53 -0.87 -0.42	35.75 -0.14 0.00	38.15 -0.35 0.00	40.76 -0.50 0.00	45.09 -1.29 -0.15	45.82 -1.39 -0.97	48.62 -0.70 -2.33	46.89 -1.49 -3.37	48.45 -0.69 -2.82	49.20 -0.56 -3.43	49.48 -0.83 -4.08	48.24 -0.83 -2.75	45.81 -1.25 -0.87	41.61 -1.09 -0.95	41.42 -1.31 -0.57	36.20 -1.07 -0.47	36.68 -0.41 -0.16
BINGHAMTON___COGEN 23790	42.10 0.99 0.00	38.28 0.60 0.00	35.41 0.45 0.00	33.36 0.36 -0.15	33.11 0.36 0.00	32.63 0.29 -0.05	31.15 0.26 -1.89	31.03 0.27 -0.78	36.47 0.57 0.00	39.07 0.58 0.00	41.87 0.62 0.00	47.11 0.60 -0.28	48.59 0.55 -1.81	52.16 0.85 -4.32	51.65 0.41 -6.24	52.35 0.79 -5.23	53.52 0.83 -6.36	54.59 0.79 -7.57	52.21 0.79 -5.10	48.45 0.65 -1.62	44.05 0.54 -1.75	43.72 0.51 -1.06	38.04 0.33 -0.91	37.63 0.41 -0.30
BIXINCNT_115KV_LOAD 355685	42.47 1.36 0.00	37.68 0.00 0.00	34.61 -0.35 0.00	32.27 -0.66 -0.08	32.36 -0.39 0.00	31.44 -0.87 -0.03	29.46 -0.61 -1.08	29.50 -0.93 -0.44	36.11 0.22 0.00	38.26 -0.23 0.00	40.84 -0.41 0.00	45.14 -1.25 -0.16	45.83 -1.43 -1.03	48.81 -0.66 -2.47	47.09 -1.49 -3.57	48.71 -0.60 -2.99	49.45 -0.51 -3.64	49.77 -0.79 -4.33	48.41 -0.83 -2.91	45.95 -1.15 -0.93	41.75 -1.00 -1.00	41.58 -1.18 -0.61	36.23 -1.07 -0.50	36.58 -0.52 -0.17
BLACK RIVER___HYD 24047	42.39 1.28 0.00	39.08 1.39 0.00	36.04 1.08 0.00	33.87 1.02 0.00	33.87 1.11 0.00	33.39 1.10 -0.01	30.09 0.78 -0.32	30.83 0.72 -0.13	36.79 0.90 0.00	39.34 0.85 0.00	42.08 0.82 0.00	47.20 0.92 -0.05	47.32 0.79 -0.30	48.43 0.71 -0.73	46.28 0.23 -1.05	47.49 0.28 -0.88	47.72 0.33 -1.07	47.83 0.33 -1.27	48.06 0.88 -0.86	47.52 1.06 -0.27	43.13 1.08 -0.30	43.72 1.39 -0.18	38.10 1.07 -0.24	38.01 1.03 -0.05

BLACKRVR_115KV_TB2 79977	42.47 1.36 0.00	39.07 1.39 0.00	36.04 1.08 0.00	33.87 1.02 0.00	33.77 1.02 0.00	33.39 1.10 -0.01	30.10 0.78 -0.33	30.84 0.72 -0.13	36.79 0.90 0.00	39.34 0.85 0.00	42.08 0.83 0.00	47.20 0.92 -0.05	47.33 0.79 -0.31	48.44 0.70 -0.75	46.31 0.23 -1.08	47.51 0.28 -0.90	47.75 0.32 -1.10	47.91 0.37 -1.31	48.08 0.88 -0.88	47.52 1.06 -0.28	43.14 1.09 -0.30	43.73 1.39 -0.18	38.10 1.07 -0.24	38.01 1.03 -0.05
BLISS_WT_PWR 323608	41.28 0.17 0.00	37.60 -0.08 0.00	34.54 -0.42 0.00	32.18 -0.75 -0.08	32.33 -0.43 0.00	31.28 -1.03 -0.03	29.41 -0.67 -1.08	29.41 -1.02 -0.44	36.11 0.22 0.00	38.14 -0.35 0.00	40.72 -0.54 0.00	45.10 -1.29 -0.16	45.78 -1.48 -1.03	48.76 -0.70 -2.47	47.04 -1.53 -3.56	48.62 -0.69 -2.99	49.17 -0.79 -3.63	49.49 -1.06 -4.32	48.45 -0.79 -2.91	45.90 -1.20 -0.92	41.71 -1.04 -1.00	41.50 -1.26 -0.60	36.30 -0.99 -0.50	36.54 -0.55 -0.17
BLUE_CIRC_CHEM_DRP 24182	42.84 1.73 0.00	39.45 1.77 0.00	36.64 1.68 0.00	35.34 1.64 -0.84	34.26 1.51 0.00	34.00 1.49 -0.23	38.42 1.33 -8.10	34.62 1.32 -3.32	37.40 1.51 0.00	40.11 1.62 0.00	43.07 1.82 0.00	48.29 0.88 -1.18	54.67 0.92 -7.52	65.80 0.89 -17.92	70.59 0.72 -24.87	68.56 0.74 -21.49	72.80 0.74 -25.73	77.59 0.74 -30.62	68.86 0.79 -21.75	53.84 0.74 -6.92	49.91 0.67 -7.49	48.20 1.52 -4.52	42.10 1.58 -3.72	39.77 1.55 -1.29
BOC_GAS_DRP 24189	42.47 1.36 0.00	39.07 1.39 0.00	36.29 1.33 0.00	34.99 1.31 -0.82	33.96 1.21 0.00	33.75 1.23 -0.24	38.31 1.10 -8.22	34.49 1.14 -3.37	37.18 1.29 0.00	39.88 1.39 0.00	42.78 1.53 0.00	49.05 1.62 -1.20	55.48 1.62 -7.64	66.89 1.69 -18.21	72.55 1.58 -25.97	69.84 1.67 -21.84	74.95 1.67 -26.96	80.02 1.62 -32.17	70.07 1.62 -22.12	54.78 1.57 -7.03	50.78 1.42 -7.61	48.22 1.48 -4.59	41.97 1.40 -3.78	39.60 1.37 -1.31
BOONVILLE_115KV_TB1 79983	42.31 1.19 0.00	38.85 1.17 0.00	35.90 0.94 0.00	33.74 0.89 0.00	33.54 0.79 0.00	33.23 0.94 -0.01	29.97 0.75 -0.22	30.85 0.78 -0.09	36.86 0.97 0.00	39.53 1.04 0.00	42.37 1.11 0.00	47.56 1.29 -0.03	47.74 1.29 -0.21	48.68 1.17 -0.51	46.56 0.81 -0.74	47.87 0.93 -0.62	48.00 0.93 -0.75	47.96 0.83 -0.90	48.04 1.11 -0.60	47.48 1.11 -0.19	43.00 1.04 -0.21	43.50 1.22 -0.13	37.88 0.96 -0.13	37.92 0.96 -0.04
BORALEX_4TH_BRANCH 23824	43.79 2.67 0.00	40.06 2.38 0.00	37.16 2.20 0.00	36.16 2.13 -1.17	34.85 2.10 0.00	34.62 2.10 -0.24	39.12 1.91 -8.22	35.24 1.89 -3.37	38.12 2.23 0.00	40.84 2.35 0.00	43.61 2.35 0.00	50.05 2.68 -1.14	56.11 2.73 -7.16	66.78 2.91 -16.87	70.80 2.65 -23.13	68.75 2.69 -19.74	74.24 2.69 -25.23	79.24 2.73 -30.28	71.22 2.78 -22.12	55.88 2.68 -7.03	51.78 2.42 -7.61	49.15 2.40 -4.59	42.60 2.02 -3.78	40.23 1.99 -1.31
BOWLINE___1 23526	43.75 2.63 0.00	39.94 2.26 0.00	37.02 2.06 0.00	35.33 2.04 -0.44	34.85 2.10 0.00	34.63 2.16 -0.18	37.15 1.97 -6.18	34.77 2.25 -2.53	38.44 2.55 0.00	41.26 2.77 0.00	44.31 3.05 0.00	50.97 3.79 -0.95	56.21 3.83 -6.15	65.94 4.14 -14.81	70.80 3.96 -21.83	68.87 4.35 -18.19	72.22 4.26 -21.64	76.11 4.21 -25.67	67.09 4.12 -16.64	55.30 3.83 -5.29	50.85 3.38 -5.72	48.98 3.37 -3.45	42.32 2.68 -2.84	40.53 2.62 -0.99
BOWLINE___2 23595	43.83 2.71 0.00	40.02 2.34 0.00	37.09 2.13 0.00	35.36 2.07 -0.44	34.91 2.16 0.00	34.66 2.20 -0.18	37.17 2.00 -6.18	34.80 2.28 -2.53	38.51 2.62 0.00	41.34 2.85 0.00	44.35 3.10 0.00	51.07 3.88 -0.95	56.30 3.93 -6.15	66.04 4.23 -14.81	70.85 4.00 -21.84	68.92 4.40 -18.20	72.32 4.35 -21.64	76.21 4.30 -25.68	67.18 4.22 -16.64	55.35 3.88 -5.29	50.94 3.46 -5.72	49.07 3.46 -3.46	42.40 2.76 -2.84	40.60 2.69 -0.99
BRADY___115KV_TB2 356060	40.25 -0.86 0.00	37.15 -0.53 0.00	34.47 -0.49 0.00	32.46 -0.39 0.00	32.62 -0.13 0.00	32.22 -0.06 0.00	28.84 -0.14 0.00	29.83 -0.15 0.00	35.71 -0.18 0.00	38.34 -0.15 0.00	41.01 -0.25 0.00	45.77 -0.46 0.00	45.77 -0.46 0.00	46.24 -0.75 0.00	44.42 -0.59 0.00	45.40 -0.93 0.00	45.31 -1.02 0.00	45.31 -0.92 0.00	45.49 -0.83 0.00	45.63 -0.55 0.00	41.25 -0.50 0.00	41.86 -0.30 0.00	36.65 -0.15 0.00	36.74 -0.18 0.00
BRANSCOMB___SOLAR 323811	43.95 2.83 0.00	40.28 2.60 0.00	37.34 2.38 0.00	36.53 2.27 -1.42	34.98 2.23 0.00	34.76 2.23 -0.25	39.53 2.03 -8.51	35.54 2.07 -3.49	38.37 2.47 0.00	41.07 2.58 0.00	43.98 2.72 0.00	50.51 3.05 -1.22	56.98 3.00 -7.75	68.37 2.96 -18.41	73.57 2.65 -25.91	70.84 2.59 -21.92	76.41 2.78 -27.31	81.60 2.73 -32.64	72.25 3.01 -22.91	56.32 2.86 -7.28	52.26 2.63 -7.88	49.74 2.82 -4.76	43.10 2.39 -3.92	40.50 2.22 -1.36
BRENTWOD_69_KV_W. BRTWOOD 56703	54.13 4.85 -8.16	43.23 4.33 -1.21	39.31 3.95 -0.40	37.05 3.75 -0.46	36.49 3.73 0.00	39.52 3.94 -3.29	38.91 3.48 -6.44	40.61 3.81 -6.82	40.84 4.45 -0.50	61.34 4.93 -17.92	56.05 5.03 -9.76	53.77 5.64 -1.90	58.05 5.41 -6.41	79.82 5.55 -27.28	101.58 5.58 -50.99	117.16 6.11 -64.72	139.57 6.16 -87.08	90.80 6.01 -38.56	84.41 5.93 -32.16	69.57 5.50 -17.89	58.41 5.14 -11.52	51.66 4.64 -4.87	58.23 4.82 -16.61	44.74 4.76 -3.05
BRISTLHL_115KV_TB1 79998	40.95 -0.16 0.00	37.42 -0.26 0.00	34.68 -0.28 0.00	32.52 -0.33 0.00	32.33 -0.43 0.00	31.85 -0.45 -0.01	29.07 -0.41 -0.49	29.73 -0.45 -0.20	35.42 -0.47 0.00	37.91 -0.58 0.00	40.68 -0.58 0.00	45.75 -0.55 -0.07	46.10 -0.60 -0.47	47.69 -0.42 -1.12	45.95 -0.68 -1.62	47.12 -0.56 -1.36	47.46 -0.51 -1.65	47.64 -0.55 -1.96	47.09 -0.56 -1.32	46.00 -0.60 -0.42	41.62 -0.58 -0.45	41.84 -0.59 -0.27	36.59 -0.63 -0.42	36.45 -0.55 -0.08
BROOKHAVEN___DRP 24191	53.92 4.65 -8.16	43.15 4.26 -1.21	39.31 3.95 -0.40	36.95 3.65 -0.46	36.39 3.64 0.00	39.52 3.94 -3.29	38.85 3.42 -6.44	40.46 3.66 -6.82	40.66 4.27 -0.50	61.27 4.85 -17.93	54.54 4.91 -8.37	57.29 5.73 -5.33	58.10 5.46 -6.42	124.70 5.73 -71.97	117.46 5.76 -66.69	142.54 6.30 -89.92	224.11 6.35 -171.44	135.48 6.19 -83.06	140.74 6.21 -88.20	116.62 5.73 -64.71	73.21 5.22 -26.24	56.61 4.76 -9.69	55.94 4.75 -14.39	51.38 4.73 -9.73
BROOKLYN_NAVY_YARD 23515	44.44 3.33 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.21 2.74 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.08 3.19 0.00	41.96 3.47 0.00	45.01 3.75 0.00	51.84 4.62 -0.99	57.26 4.62 -6.41	67.42 4.98 -15.44	72.66 4.86 -22.79	70.59 5.28 -18.98	74.12 5.23 -22.56	78.12 5.13 -26.76	68.65 5.00 -17.32	56.30 4.62 -5.50	51.88 4.17 -5.95	49.96 4.21 -3.60	43.21 3.46 -2.96	41.35 3.39 -1.03
BROOKLYN___ARMY_DRP 323595	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03

BROOKVLE_69_KV_TB1 55790	53.10 3.82 -8.16	42.47 3.58 -1.21	38.65 3.29 -0.40	36.50 3.19 -0.46	35.96 3.21 0.00	38.87 3.29 -3.29	38.41 2.99 -6.44	40.16 3.36 -6.82	40.26 3.88 -0.50	60.53 4.12 -17.92	48.98 4.50 -3.23	52.72 5.50 -0.99	57.96 5.32 -6.41	68.18 5.73 -15.45	97.47 5.63 -46.84	110.54 6.16 -58.05	117.24 6.16 -64.75	78.94 5.92 -26.79	69.44 5.79 -17.33	57.09 5.40 -5.50	52.68 4.84 -6.09	50.30 4.55 -3.60	46.25 4.05 -5.40	42.03 3.95 -1.16
BROOME_2_LFGE 323671	41.86 0.74 0.00	38.28 0.60 0.00	35.41 0.45 0.00	33.37 0.36 -0.15	33.15 0.39 0.00	32.60 0.26 -0.05	31.14 0.26 -1.89	31.03 0.27 -0.78	36.46 0.57 0.00	39.07 0.58 0.00	41.88 0.62 0.00	47.11 0.60 -0.28	48.59 0.56 -1.80	52.16 0.85 -4.32	51.65 0.40 -6.23	52.29 0.74 -5.23	53.47 0.79 -6.36	54.49 0.69 -7.57	52.26 0.83 -5.10	48.44 0.65 -1.62	44.04 0.54 -1.75	43.68 0.46 -1.06	38.04 0.33 -0.91	37.63 0.41 -0.30
BROOME___LFGE 323600	41.86 0.74 0.00	38.28 0.60 0.00	35.41 0.45 0.00	33.37 0.36 -0.15	33.15 0.39 0.00	32.60 0.26 -0.05	31.14 0.26 -1.89	31.03 0.27 -0.78	36.46 0.57 0.00	39.07 0.58 0.00	41.88 0.62 0.00	47.11 0.60 -0.28	48.59 0.56 -1.80	52.16 0.85 -4.32	51.65 0.40 -6.23	52.29 0.74 -5.23	53.47 0.79 -6.36	54.49 0.69 -7.57	52.26 0.83 -5.10	48.44 0.65 -1.62	44.04 0.54 -1.75	43.68 0.46 -1.06	38.04 0.33 -0.91	37.63 0.41 -0.30
BROWNFLS_115KV_TB_3_5 80003	40.75 -0.37 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.72 -0.13 0.00	32.88 0.13 0.00	32.52 0.23 0.00	29.25 0.09 -0.17	30.14 0.09 -0.07	36.00 0.11 0.00	38.65 0.15 0.00	41.30 0.04 0.00	46.26 0.00 -0.03	46.35 -0.05 -0.16	47.15 -0.23 -0.39	45.22 -0.36 -0.57	46.29 -0.51 -0.48	46.35 -0.56 -0.58	46.36 -0.55 -0.69	46.46 -0.32 -0.46	46.23 -0.09 -0.15	41.87 -0.04 -0.16	42.42 0.17 -0.10	37.10 0.18 -0.12	37.10 0.15 -0.03
BROWNSV1_27_KV_LOAD 356125	44.65 3.54 0.00	40.92 3.24 0.00	37.93 2.97 0.00	36.23 2.92 -0.46	35.80 3.05 0.00	35.54 3.07 -0.19	38.24 2.81 -6.44	35.80 3.18 -2.64	39.44 3.55 0.00	42.34 3.85 0.00	45.51 4.25 0.00	52.45 5.22 -0.99	57.86 5.22 -6.41	68.03 5.59 -15.44	73.24 5.45 -22.79	71.29 5.98 -18.98	74.86 5.98 -22.56	78.77 5.78 -26.76	69.25 5.61 -17.32	56.85 5.17 -5.50	52.38 4.68 -5.95	50.43 4.68 -3.60	43.73 3.97 -2.96	41.75 3.80 -1.03
BURROWS___LYONSDAL 23803	42.23 1.11 0.00	38.81 1.13 0.00	35.87 0.91 0.00	33.67 0.82 0.00	33.54 0.79 0.00	33.19 0.90 -0.01	29.94 0.72 -0.23	30.80 0.72 -0.09	36.82 0.93 0.00	39.45 0.96 0.00	42.29 1.03 0.00	47.47 1.20 -0.03	47.60 1.16 -0.22	48.55 1.03 -0.52	46.43 0.68 -0.75	47.70 0.74 -0.63	47.83 0.74 -0.76	47.83 0.69 -0.91	47.96 1.02 -0.61	47.39 1.02 -0.19	42.92 0.96 -0.21	43.46 1.18 -0.13	37.85 0.92 -0.14	37.88 0.92 -0.04
CAITHNESS_CC_1 323624	54.00 4.73 -8.16	43.07 4.18 -1.21	39.21 3.85 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.16 4.73 -17.93	54.35 4.74 -8.35	57.04 5.50 -5.31	57.87 5.22 -6.42	124.17 5.50 -71.68	117.13 5.53 -66.59	142.06 5.98 -89.75	223.20 5.98 -170.89	134.92 5.92 -82.77	139.91 5.74 -87.84	116.08 5.49 -64.41	72.94 5.05 -26.14	56.92 5.10 -9.66	55.71 4.56 -14.36	51.22 4.62 -9.68
CALPINE BETH_PAGE_GT4 24209	53.14 3.86 -8.16	42.40 3.50 -1.21	38.72 3.36 -0.40	36.56 3.25 -0.46	35.99 3.24 0.00	38.97 3.39 -3.29	38.44 3.01 -6.44	40.16 3.36 -6.82	40.16 3.77 -0.50	60.53 4.12 -17.92	49.14 4.29 -3.59	52.50 5.22 -1.05	57.59 4.95 -6.41	68.46 5.26 -16.20	97.38 5.27 -47.10	110.59 5.79 -58.47	118.28 5.79 -66.17	79.36 5.59 -27.53	70.10 5.51 -18.26	57.59 5.13 -6.29	52.85 4.68 -6.42	50.05 4.22 -3.68	46.90 4.08 -6.03	42.33 4.02 -1.38
CALPINE_BETH_PAGE_GT_4 323586	53.35 4.07 -8.16	42.43 3.54 -1.21	38.72 3.36 -0.40	36.53 3.22 -0.46	36.03 3.27 0.00	38.94 3.36 -3.29	38.44 3.01 -6.44	40.16 3.36 -6.82	40.16 3.77 -0.50	60.53 4.12 -17.92	49.14 4.29 -3.59	52.41 5.13 -1.05	57.54 4.90 -6.41	68.45 5.26 -16.20	97.37 5.26 -47.10	110.49 5.70 -58.47	118.14 5.65 -66.17	79.35 5.59 -27.53	69.96 5.37 -18.26	57.59 5.13 -6.29	52.80 4.63 -6.42	50.51 4.68 -3.68	46.80 3.98 -6.03	42.33 4.03 -1.38
CALPINE_BP_GT1 23823	53.35 4.07 -8.16	42.43 3.54 -1.21	38.72 3.36 -0.40	36.53 3.22 -0.46	36.03 3.27 0.00	38.94 3.36 -3.29	38.44 3.01 -6.44	40.16 3.36 -6.82	40.16 3.77 -0.50	60.53 4.12 -17.92	49.14 4.29 -3.59	52.41 5.13 -1.05	57.54 4.90 -6.41	68.45 5.26 -16.20	97.37 5.26 -47.10	110.49 5.70 -58.47	118.14 5.65 -66.17	79.35 5.59 -27.53	69.96 5.37 -18.26	57.59 5.13 -6.29	52.80 4.63 -6.42	50.51 4.68 -3.68	46.80 3.98 -6.03	42.33 4.03 -1.38
CALSPAN___DRP 24200	42.14 1.03 0.00	37.30 -0.38 0.00	34.40 -0.56 0.00	32.20 -0.72 -0.07	32.16 -0.59 0.00	31.44 -0.87 -0.03	29.51 -0.49 -1.01	29.50 -0.90 -0.41	35.60 -0.29 0.00	37.99 -0.50 0.00	40.60 -0.66 0.00	45.04 -1.34 -0.15	45.76 -1.43 -0.96	48.50 -0.80 -2.30	46.76 -1.58 -3.32	48.33 -0.79 -2.79	49.06 -0.65 -3.39	49.39 -0.88 -4.03	48.16 -0.88 -2.72	45.80 -1.25 -0.86	41.56 -1.13 -0.93	41.41 -1.31 -0.56	36.19 -1.07 -0.46	36.72 -0.37 -0.16
CALVERTON___SOLAR 323806	54.33 5.06 -8.16	43.37 4.48 -1.21	39.48 4.12 -0.40	37.05 3.74 -0.46	36.55 3.80 0.00	39.58 4.00 -3.29	38.99 3.56 -6.44	40.58 3.78 -6.82	40.84 4.45 -0.50	61.50 5.08 -17.93	54.79 5.16 -8.38	57.58 6.01 -5.34	58.43 5.78 -6.42	125.16 6.06 -72.10	117.82 6.07 -66.73	142.89 6.58 -89.99	224.63 6.62 -171.69	135.98 6.56 -83.19	141.13 6.44 -88.36	117.17 6.14 -64.85	73.59 5.55 -26.29	57.51 5.65 -9.71	56.10 4.89 -14.41	51.62 4.95 -9.75
CANDIGU_WT_PWR 323617	41.53 0.41 0.00	37.87 0.19 0.00	34.96 0.00 0.00	32.79 -0.16 -0.10	32.69 -0.07 0.00	32.00 -0.32 -0.04	30.22 -0.09 -1.32	30.22 -0.30 -0.54	36.07 0.18 0.00	38.53 0.04 0.00	41.21 -0.04 0.00	45.96 -0.46 -0.20	46.93 -0.55 -1.25	49.95 -0.05 -3.00	48.62 -0.72 -4.33	49.82 -0.14 -3.63	50.65 -0.09 -4.42	51.26 -0.23 -5.26	49.96 0.09 -3.54	47.17 -0.14 -1.12	42.84 -0.12 -1.22	42.60 -0.29 -0.74	37.24 -0.18 -0.63	37.25 0.11 -0.21
CARR STREET_E__SYR 24060	40.83 -0.29 0.00	37.38 -0.30 0.00	34.61 -0.35 0.00	32.42 -0.43 0.00	32.29 -0.46 0.00	31.82 -0.48 -0.02	29.11 -0.43 -0.56	29.73 -0.48 -0.23	35.42 -0.47 0.00	37.95 -0.54 0.00	40.72 -0.54 0.00	45.81 -0.51 -0.08	46.25 -0.51 -0.53	47.93 -0.33 -1.27	46.25 -0.59 -1.83	47.44 -0.42 -1.53	47.77 -0.42 -1.86	47.94 -0.51 -2.22	47.40 -0.42 -1.49	46.10 -0.55 -0.47	41.72 -0.54 -0.51	41.87 -0.59 -0.31	36.52 -0.59 -0.31	36.50 -0.52 -0.09
CARTHAGE___PAPER 23857	41.98 0.86 0.00	38.70 1.02 0.00	35.73 0.77 0.00	33.57 0.72 0.00	33.60 0.85 0.00	33.16 0.87 -0.01	29.89 0.61 -0.29	30.67 0.57 -0.12	36.57 0.68 0.00	39.11 0.61 0.00	41.83 0.58 0.00	46.92 0.65 -0.04	47.06 0.56 -0.27	48.02 0.37 -0.65	45.99 0.05 -0.94	47.16 0.05 -0.79	47.33 0.05 -0.96	47.46 0.09 -1.14	47.69 0.60 -0.77	47.21 0.78 -0.24	42.81 0.79 -0.26	43.45 1.14 -0.16	37.88 0.88 -0.21	37.78 0.81 -0.05

CASSADAGA_WT_PWR 323784	41.73 0.62 0.00	38.02 0.34 0.00	34.99 0.03 0.00	32.77 -0.16 -0.08	32.75 0.00 0.00	31.93 -0.39 -0.03	30.06 -0.03 -1.10	30.22 -0.21 -0.45	36.54 0.65 0.00	39.03 0.54 0.00	41.67 0.41 0.00	46.07 -0.32 -0.16	46.77 -0.51 -1.04	49.78 0.28 -2.50	47.85 -0.77 -3.61	49.40 0.05 -3.03	50.14 0.14 -3.68	50.52 -0.09 -4.38	49.55 0.28 -2.95	46.89 -0.23 -0.94	42.60 -0.17 -1.01	42.39 -0.38 -0.61	37.08 -0.22 -0.50	37.32 0.22 -0.17
CE_DUNWOOD___DRP 24194	43.95 2.84 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.67 2.37 -0.46	35.21 2.46 0.00	34.99 2.52 -0.19	37.70 2.29 -6.42	35.19 2.58 -2.63	38.83 2.94 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.61 4.39 -0.99	56.97 4.35 -6.39	67.05 4.65 -15.40	72.23 4.50 -22.72	70.26 5.00 -18.93	73.78 4.96 -22.50	77.73 4.81 -26.69	68.27 4.68 -17.27	56.01 4.34 -5.49	51.57 3.88 -5.94	49.53 3.79 -3.59	42.95 3.20 -2.95	40.98 3.03 -1.02
CE_MILLWOOD___DRP 24193	43.87 2.75 0.00	40.20 2.52 0.00	37.27 2.31 0.00	35.57 2.27 -0.45	35.14 2.39 0.00	34.89 2.42 -0.18	37.58 2.20 -6.39	35.09 2.49 -2.62	38.73 2.84 0.00	41.57 3.08 0.00	44.60 3.34 0.00	51.47 4.25 -0.98	56.79 4.21 -6.36	66.83 4.51 -15.32	71.98 4.37 -22.60	69.97 4.82 -18.83	73.52 4.82 -22.38	77.40 4.62 -26.55	68.05 4.54 -17.18	55.84 4.20 -5.46	51.42 3.76 -5.91	49.39 3.67 -3.57	42.79 3.05 -2.94	40.86 2.92 -1.02
CE_NYC2_DRP 24202	44.20 3.08 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.60 2.97 -2.65	39.19 3.30 0.00	41.92 3.43 0.00	45.05 3.80 0.00	51.71 4.48 -0.99	57.03 4.39 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.17 5.28 -22.56	77.99 4.99 -26.76	68.46 4.82 -17.32	55.97 4.29 -5.49	51.80 4.09 -5.95	49.97 4.22 -3.60	43.40 3.64 -2.96	41.42 3.47 -1.03
CE_NYC_DRP 24195	44.20 3.08 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.94 2.63 -0.46	35.47 2.72 0.00	35.25 2.78 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.09 3.19 0.00	41.96 3.46 0.00	45.05 3.80 0.00	51.94 4.72 -0.99	57.31 4.67 -6.41	67.47 5.03 -15.44	72.70 4.91 -22.79	70.68 5.37 -18.98	74.30 5.42 -22.56	78.17 5.18 -26.76	68.69 5.05 -17.32	56.35 4.66 -5.50	51.92 4.22 -5.96	49.97 4.22 -3.60	43.32 3.57 -2.96	41.35 3.40 -1.03
CHAFFEE___LFGE 323603	41.03 -0.08 0.00	37.46 -0.22 0.00	34.50 -0.46 0.00	32.30 -0.63 -0.08	32.29 -0.46 0.00	31.44 -0.87 -0.03	29.57 -0.46 -1.05	29.57 -0.84 -0.43	35.75 -0.14 0.00	38.14 -0.35 0.00	40.76 -0.49 0.00	45.18 -1.20 -0.16	45.88 -1.34 -1.00	48.77 -0.61 -2.38	47.01 -1.44 -3.44	48.47 -0.74 -2.89	49.09 -0.74 -3.51	49.43 -0.97 -4.18	48.44 -0.69 -2.81	45.92 -1.15 -0.89	41.72 -1.00 -0.97	41.43 -1.31 -0.58	36.39 -0.88 -0.48	36.76 -0.33 -0.17
CHATEAUG_35_KV_LOAD 355732	39.31 -1.81 0.00	36.55 -1.13 0.00	34.09 -0.87 0.00	32.10 -0.76 0.00	32.26 -0.49 0.00	31.80 -0.48 0.00	28.53 -0.46 0.00	29.50 -0.48 0.00	35.32 -0.57 0.00	37.91 -0.58 0.00	40.31 -0.95 0.00	44.84 -1.39 0.00	44.89 -1.34 0.00	45.44 -1.55 0.00	43.75 -1.26 0.00	44.66 -1.67 0.00	44.56 -1.76 0.00	44.57 -1.66 0.00	44.66 -1.67 0.00	44.79 -1.39 0.00	40.54 -1.21 0.00	41.10 -1.05 0.00	36.43 -0.37 0.00	36.52 -0.41 0.00
CHATEAUG_WT_PWR 323614	39.55 -1.56 0.00	36.51 -1.17 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.47 -0.52 0.00	29.41 -0.57 0.00	35.25 -0.65 0.00	37.84 -0.65 0.00	40.14 -1.11 0.00	44.61 -1.62 0.00	44.66 -1.57 0.00	45.26 -1.74 0.00	43.52 -1.48 0.00	44.52 -1.81 0.00	44.47 -1.85 0.00	44.47 -1.76 0.00	44.42 -1.90 0.00	44.56 -1.62 0.00	40.37 -1.38 0.00	40.93 -1.22 0.00	36.46 -0.33 0.00	36.55 -0.37 0.00
CHAT_HIGH_FALL_HYD 323578	39.64 -1.48 0.00	36.55 -1.13 0.00	34.09 -0.87 0.00	32.10 -0.75 0.00	32.20 -0.56 0.00	31.80 -0.48 0.00	28.52 -0.46 0.00	29.50 -0.48 0.00	35.32 -0.58 0.00	37.92 -0.58 0.00	40.31 -0.95 0.00	44.84 -1.39 0.00	44.89 -1.34 0.00	45.44 -1.55 0.00	43.75 -1.26 0.00	44.70 -1.62 0.00	44.66 -1.67 0.00	44.66 -1.57 0.00	44.66 -1.67 0.00	44.80 -1.38 0.00	40.54 -1.21 0.00	41.10 -1.05 0.00	36.43 -0.37 0.00	36.52 -0.41 0.00
CHAUTAUQUA___LFGE 323629	41.48 0.37 0.00	37.79 0.11 0.00	34.82 -0.14 0.00	32.60 -0.33 -0.08	32.59 -0.16 0.00	31.83 -0.48 -0.03	29.96 -0.09 -1.06	30.09 -0.33 -0.43	36.29 0.40 0.00	38.72 0.23 0.00	41.38 0.12 0.00	45.93 -0.46 -0.16	46.59 -0.65 -1.01	49.50 0.09 -2.41	47.68 -0.81 -3.48	49.20 -0.05 -2.92	49.87 0.00 -3.55	50.22 -0.23 -4.22	49.26 0.09 -2.84	46.71 -0.37 -0.90	42.39 -0.34 -0.98	42.15 -0.59 -0.59	36.91 -0.37 -0.49	37.20 0.11 -0.17
CHERRYST_13_KV_LD 356241	44.36 3.25 0.00	40.69 3.01 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.60 2.85 0.00	35.38 2.91 -0.19	38.06 2.64 -6.44	35.62 3.00 -2.64	39.27 3.37 0.00	42.15 3.66 0.00	45.26 4.00 0.00	52.17 4.95 -0.99	57.58 4.95 -6.41	67.70 5.26 -15.44	72.93 5.13 -22.79	70.96 5.65 -18.98	74.54 5.65 -22.56	78.45 5.46 -26.76	68.93 5.28 -17.32	56.58 4.90 -5.50	52.13 4.43 -5.96	50.18 4.43 -3.60	43.47 3.72 -2.96	41.53 3.58 -1.03
CHESTROR_138KV_BK263 355645	43.42 2.30 0.00	39.79 2.11 0.00	36.88 1.92 0.00	35.14 1.87 -0.41	34.68 1.93 0.00	34.42 1.97 -0.17	36.60 1.77 -5.84	34.36 1.98 -2.39	38.15 2.26 0.00	40.96 2.46 0.00	43.94 2.68 0.00	50.55 3.42 -0.90	55.44 3.42 -5.79	64.61 3.67 -13.95	69.01 3.47 -20.54	67.34 3.89 -17.12	70.61 3.89 -20.39	74.17 3.74 -24.20	65.71 3.66 -15.72	54.59 3.42 -4.99	50.20 3.05 -5.41	48.37 2.95 -3.26	41.91 2.43 -2.69	40.22 2.36 -0.93
CH_MIDHUDSON___DRP 24192	43.91 2.80 0.00	40.20 2.52 0.00	37.27 2.31 0.00	35.59 2.27 -0.47	35.08 2.33 0.00	34.83 2.36 -0.19	37.69 2.12 -6.59	34.99 2.31 -2.70	38.51 2.62 0.00	41.34 2.85 0.00	44.35 3.09 0.00	51.16 3.93 -1.00	56.67 3.98 -6.46	66.76 4.23 -15.54	71.82 4.05 -22.76	69.78 4.45 -19.00	73.52 4.45 -22.75	77.55 4.30 -27.03	68.22 4.17 -17.73	55.69 3.88 -5.63	51.31 3.47 -6.10	49.21 3.37 -3.68	42.62 2.80 -3.03	40.71 2.73 -1.05
CH_MISC_IPPS 23765	44.36 3.25 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.74 2.43 -0.46	35.31 2.56 0.00	35.05 2.58 -0.19	37.69 2.26 -6.44	35.11 2.49 -2.64	38.73 2.83 0.00	41.61 3.12 0.00	44.64 3.38 0.00	51.51 4.30 -0.98	56.96 4.39 -6.34	66.90 4.65 -15.26	71.85 4.46 -22.39	69.83 4.82 -18.68	73.42 4.77 -22.32	77.36 4.62 -26.51	68.19 4.54 -17.33	55.93 4.25 -5.50	51.47 3.76 -5.96	49.46 3.71 -3.60	42.70 2.94 -2.96	40.91 2.96 -1.03
CH_RES_BVR_FALLS 23983	40.46 -0.66 0.00	37.15 -0.53 0.00	34.50 -0.46 0.00	32.46 -0.39 0.00	32.39 -0.36 0.00	31.93 -0.35 0.00	28.70 -0.29 0.00	29.68 -0.30 0.00	35.53 -0.36 0.00	38.11 -0.38 0.00	40.80 -0.45 0.00	45.63 -0.60 0.00	45.63 -0.60 0.00	46.29 -0.70 0.00	44.47 -0.54 0.00	45.63 -0.69 0.00	45.63 -0.69 0.00	45.54 -0.69 0.00	45.63 -0.69 0.00	45.58 -0.60 0.00	41.21 -0.54 0.00	41.65 -0.50 0.00	36.43 -0.37 0.00	36.52 -0.41 0.00

CH_RES_NIAGARA 23895	39.51 -1.60 0.00	35.76 -1.92 0.00	33.04 -1.92 0.00	31.28 -1.64 -0.07	30.95 -1.80 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.66 -2.12 -2.12	44.96 -3.11 -3.05	46.34 -2.55 -2.56	46.89 -2.55 -3.11	47.21 -2.73 -3.71	46.46 -2.36 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	39.93 -2.74 -0.52	35.27 -1.95 -0.43	35.85 -1.22 -0.15
CH_RES_SYRACUSE 23985	41.32 0.21 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.65 -0.10 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.24 -1.41	46.95 -0.09 -2.03	48.12 0.09 -1.71	48.49 0.09 -2.07	48.70 0.00 -2.47	48.03 0.05 -1.66	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.39	36.88 -0.15 -0.10
CLINTON_WT_PWR 323605	39.55 -1.56 0.00	36.51 -1.17 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.47 -0.52 0.00	29.41 -0.57 0.00	35.25 -0.65 0.00	37.84 -0.65 0.00	40.14 -1.11 0.00	44.61 -1.62 0.00	44.66 -1.57 0.00	45.26 -1.74 0.00	43.52 -1.48 0.00	44.52 -1.81 0.00	44.47 -1.85 0.00	44.47 -1.76 0.00	44.42 -1.90 0.00	44.56 -1.62 0.00	40.37 -1.38 0.00	40.93 -1.22 0.00	36.46 -0.33 0.00	36.55 -0.37 0.00
CLINTON___LFGE 323618	39.64 -1.48 0.00	36.55 -1.13 0.00	34.05 -0.91 0.00	32.06 -0.79 0.00	32.23 -0.53 0.00	31.80 -0.48 0.00	28.52 -0.46 0.00	29.50 -0.48 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.14 -1.11 0.00	44.52 -1.71 0.00	44.52 -1.71 0.00	45.11 -1.88 0.00	43.34 -1.66 0.00	44.33 -1.99 0.00	44.29 -2.04 0.00	44.33 -1.90 0.00	44.29 -2.04 0.00	44.47 -1.71 0.00	40.33 -1.42 0.00	41.02 -1.14 0.00	36.79 0.00 0.00	36.85 -0.07 0.00
COBBLENY_34_KV_TB1 80064	42.31 1.19 0.00	37.45 -0.23 0.00	34.50 -0.45 0.00	32.30 -0.62 -0.08	32.26 -0.49 0.00	31.48 -0.84 -0.03	29.57 -0.46 -1.05	29.57 -0.84 -0.43	35.75 -0.14 0.00	38.15 -0.35 0.00	40.76 -0.50 0.00	45.14 -1.25 -0.16	45.89 -1.34 -1.00	48.72 -0.66 -2.39	47.01 -1.44 -3.44	48.57 -0.65 -2.89	49.33 -0.51 -3.51	49.67 -0.74 -4.18	48.40 -0.74 -2.82	45.92 -1.15 -0.89	41.72 -1.00 -0.97	41.52 -1.22 -0.58	36.28 -0.99 -0.48	36.76 -0.33 -0.17
COFFEEN___115KV_TB3 355620	42.84 1.73 0.00	39.41 1.73 0.00	36.36 1.40 0.00	34.13 1.28 0.00	34.03 1.28 0.00	33.65 1.36 -0.01	30.31 0.99 -0.33	31.05 0.93 -0.14	37.00 1.11 0.00	39.57 1.08 0.00	42.37 1.11 0.00	47.48 1.20 -0.05	47.61 1.06 -0.32	48.69 0.94 -0.76	46.51 0.41 -1.09	47.75 0.51 -0.92	48.00 0.56 -1.12	48.16 0.60 -1.33	48.42 1.20 -0.89	47.85 1.39 -0.28	43.48 1.42 -0.31	44.11 1.77 -0.19	38.40 1.36 -0.25	38.31 1.33 -0.05
COLDSPRG_115KV_BK1 355956	42.88 1.77 0.00	38.17 0.49 0.00	35.17 0.21 0.00	32.93 0.00 -0.08	32.92 0.16 0.00	31.96 -0.36 -0.03	29.98 -0.14 -1.14	30.18 -0.27 -0.47	36.72 0.83 0.00	39.22 0.73 0.00	41.87 0.62 0.00	46.03 -0.37 -0.17	46.76 -0.55 -1.08	49.77 0.19 -2.59	47.99 -0.77 -3.74	49.60 0.14 -3.14	50.51 0.37 -3.81	50.86 0.09 -4.54	49.52 0.14 -3.06	46.83 -0.32 -0.97	42.51 -0.29 -1.05	42.33 -0.46 -0.64	36.84 -0.48 -0.52	37.11 0.00 -0.18
COLONIE_LFGE___ 323577	43.33 2.22 0.00	39.75 2.07 0.00	36.88 1.92 0.00	36.02 1.87 -1.30	34.55 1.80 0.00	34.30 1.77 -0.24	39.00 1.62 -8.39	35.04 1.62 -3.44	37.79 1.90 0.00	40.53 2.04 0.00	43.40 2.14 0.00	49.88 2.45 -1.20	56.25 2.45 -7.57	67.49 2.54 -17.96	72.46 2.29 -25.16	69.96 2.32 -21.32	75.37 2.36 -26.68	80.50 2.36 -31.92	71.35 2.45 -22.57	55.66 2.31 -7.17	51.60 2.09 -7.76	48.99 2.15 -4.69	42.53 1.88 -3.86	40.03 1.77 -1.34
COOPERNY_115KV_TB1 80082	42.84 1.73 0.00	39.26 1.58 0.00	36.39 1.43 0.00	34.58 1.41 -0.31	34.19 1.44 0.00	33.90 1.49 -0.13	34.69 1.33 -4.36	33.24 1.47 -1.79	37.61 1.72 0.00	40.34 1.85 0.00	43.32 2.06 0.00	49.53 2.64 -0.67	53.11 2.59 -4.29	60.09 2.77 -10.32	62.71 2.57 -15.13	61.88 2.92 -12.63	64.30 2.87 -15.11	66.94 2.77 -17.94	60.85 2.78 -11.75	52.50 2.59 -3.73	48.09 2.30 -4.04	46.87 2.28 -2.44	40.64 1.84 -2.01	39.39 1.77 -0.70
COPENHAGEN_WT_PWR 323753	42.18 1.07 0.00	38.89 1.21 0.00	35.90 0.94 0.00	33.70 0.85 0.00	33.70 0.95 0.00	33.23 0.94 -0.01	29.96 0.64 -0.34	30.72 0.60 -0.14	36.65 0.75 0.00	39.19 0.69 0.00	41.91 0.66 0.00	47.02 0.74 -0.05	47.20 0.65 -0.32	48.32 0.57 -0.76	46.25 0.14 -1.10	47.39 0.14 -0.93	47.64 0.19 -1.12	47.75 0.19 -1.34	47.92 0.70 -0.90	47.30 0.83 -0.29	42.94 0.88 -0.31	43.52 1.18 -0.19	37.93 0.88 -0.25	37.83 0.85 -0.05
CORNELL_____ 23752	42.60 1.48 0.00	38.81 1.13 0.00	35.87 0.91 0.00	33.71 0.76 -0.10	33.44 0.69 0.00	33.03 0.71 -0.04	30.95 0.64 -1.32	31.15 0.63 -0.54	36.79 0.90 0.00	39.38 0.89 0.00	42.20 0.95 0.00	47.49 1.06 -0.20	48.51 1.02 -1.26	51.28 1.27 -3.02	50.13 0.77 -4.35	51.09 1.11 -3.65	51.92 1.16 -4.44	52.67 1.16 -5.28	51.18 1.30 -3.56	48.51 1.20 -1.13	44.06 1.09 -1.22	43.95 1.05 -0.74	38.24 0.77 -0.67	37.95 0.81 -0.21
CORONAAY_69_KV_TB1 355595	53.26 3.99 -8.16	42.47 3.58 -1.21	38.65 3.29 -0.40	36.56 3.25 -0.46	36.03 3.28 0.00	38.87 3.29 -3.29	38.38 2.96 -6.44	40.13 3.33 -6.82	40.23 3.84 -0.50	60.57 4.16 -17.92	48.94 4.46 -3.23	52.72 5.50 -0.99	57.82 5.18 -6.41	67.99 5.55 -15.45	97.38 5.54 -46.84	110.45 6.07 -58.05	117.19 6.11 -64.75	78.94 5.92 -26.79	69.44 5.79 -17.33	57.09 5.40 -5.50	52.76 4.93 -6.09	50.26 4.51 -3.60	46.36 4.16 -5.40	42.06 4.06 -1.08
CORTLAND_115KV_TB3 80093	42.10 0.99 0.00	38.43 0.75 0.00	35.55 0.59 0.00	33.39 0.46 -0.08	33.15 0.39 0.00	32.70 0.39 -0.03	30.42 0.35 -1.08	30.79 0.36 -0.44	36.47 0.57 0.00	39.07 0.58 0.00	41.87 0.62 0.00	47.13 0.74 -0.16	47.95 0.69 -1.03	50.35 0.89 -2.47	49.06 0.50 -3.56	50.10 0.79 -2.99	50.79 0.83 -3.63	51.29 0.74 -4.32	50.07 0.83 -2.91	47.84 0.74 -0.92	43.42 0.67 -1.00	43.39 0.63 -0.60	37.76 0.40 -0.56	37.58 0.48 -0.17
COXSACKIE___GT 23611	44.82 3.70 0.00	41.14 3.46 0.00	38.11 3.15 0.00	36.41 2.76 -0.80	35.47 2.72 0.00	35.09 2.58 -0.22	38.84 2.12 -7.74	35.34 2.19 -3.17	38.48 2.59 0.00	41.26 2.77 0.00	44.23 2.97 0.00	50.28 2.91 -1.14	56.42 2.96 -7.23	67.01 2.77 -17.25	71.65 2.79 -23.85	69.98 2.92 -20.74	73.82 2.97 -24.53	78.38 3.00 -29.15	69.77 2.69 -20.76	55.33 2.54 -6.61	51.12 2.21 -7.16	48.84 2.36 -4.32	42.86 2.50 -3.56	40.67 2.51 -1.23
CPV_VALLEY___CC1 323721	43.17 2.05 0.00	39.45 1.77 0.00	36.57 1.61 0.00	34.81 1.58 -0.38	34.39 1.64 0.00	34.12 1.68 -0.15	35.81 1.51 -5.32	33.87 1.71 -2.18	37.86 1.97 0.00	40.61 2.12 0.00	43.61 2.35 0.00	50.01 2.96 -0.82	54.49 3.00 -5.26	62.85 3.20 -12.66	66.69 3.06 -18.62	65.23 3.38 -15.53	68.18 3.34 -18.51	71.44 3.23 -21.98	63.83 3.19 -14.31	53.68 2.96 -4.54	49.30 2.63 -4.92	47.74 2.61 -2.97	41.30 2.06 -2.45	39.80 2.03 -0.85

CPV_VALLEY___CC2 323722	43.17 2.05 0.00	39.45 1.77 0.00	36.57 1.61 0.00	34.81 1.58 -0.38	34.39 1.64 0.00	34.12 1.68 -0.15	35.81 1.51 -5.32	33.87 1.71 -2.18	37.86 1.97 0.00	40.61 2.12 0.00	43.61 2.35 0.00	50.01 2.96 -0.82	54.49 3.00 -5.26	62.85 3.20 -12.66	66.69 3.06 -18.62	65.23 3.38 -15.53	68.18 3.34 -18.51	71.44 3.23 -21.98	63.83 3.19 -14.31	53.68 2.96 -4.54	49.30 2.63 -4.92	47.74 2.61 -2.97	41.30 2.06 -2.45	39.80 2.03 -0.85
CRESCENT___HYD 24018	43.33 2.22 0.00	39.75 2.07 0.00	36.88 1.92 0.00	36.02 1.87 -1.30	34.55 1.80 0.00	34.30 1.77 -0.24	39.00 1.62 -8.39	35.04 1.62 -3.44	37.79 1.90 0.00	40.53 2.04 0.00	43.40 2.14 0.00	49.88 2.45 -1.20	56.25 2.45 -7.57	67.49 2.54 -17.96	72.46 2.29 -25.16	69.96 2.32 -21.32	75.37 2.36 -26.68	80.50 2.36 -31.92	71.35 2.45 -22.57	55.66 2.31 -7.17	51.60 2.09 -7.76	48.99 2.15 -4.69	42.53 1.88 -3.86	40.03 1.77 -1.34
CRICKET___VALLEY_CC1 323756	43.54 2.43 0.00	39.79 2.11 0.00	36.92 1.96 0.00	35.26 1.90 -0.50	34.68 1.93 0.00	34.45 1.97 -0.20	37.65 1.80 -6.86	34.74 1.95 -2.81	38.08 2.19 0.00	40.84 2.35 0.00	43.65 2.39 0.00	49.75 3.00 -0.52	51.64 3.05 -2.36	54.31 3.24 -4.08	46.50 3.15 1.65	50.41 3.43 -0.66	58.20 3.38 -8.50	61.15 3.33 -11.59	68.04 3.24 -18.47	55.09 3.05 -5.87	50.81 2.71 -6.35	48.69 2.70 -3.83	42.12 2.17 -3.16	40.16 2.14 -1.09
CRICKET___VALLEY_CC2 323757	43.54 2.43 0.00	39.79 2.11 0.00	36.92 1.96 0.00	35.26 1.90 -0.50	34.68 1.93 0.00	34.45 1.97 -0.20	37.65 1.80 -6.86	34.74 1.95 -2.81	38.08 2.19 0.00	40.84 2.35 0.00	43.65 2.39 0.00	49.75 3.00 -0.52	51.64 3.05 -2.36	54.31 3.24 -4.08	46.50 3.15 1.65	50.41 3.43 -0.66	58.20 3.38 -8.50	61.15 3.33 -11.59	68.04 3.24 -18.47	55.09 3.05 -5.87	50.81 2.71 -6.35	48.69 2.70 -3.83	42.12 2.17 -3.16	40.16 2.14 -1.09
CRICKET___VALLEY_CC3 323758	43.54 2.43 0.00	39.79 2.11 0.00	36.92 1.96 0.00	35.26 1.90 -0.50	34.68 1.93 0.00	34.45 1.97 -0.20	37.65 1.80 -6.86	34.74 1.95 -2.81	38.08 2.19 0.00	40.84 2.35 0.00	43.65 2.39 0.00	49.75 3.00 -0.52	51.64 3.05 -2.36	54.31 3.24 -4.08	46.50 3.15 1.65	50.41 3.43 -0.66	58.20 3.38 -8.50	61.15 3.33 -11.59	68.04 3.24 -18.47	55.09 3.05 -5.87	50.81 2.71 -6.35	48.69 2.70 -3.83	42.12 2.17 -3.16	40.16 2.14 -1.09
CRUCIBLE_METL_DRP 24180	41.44 0.33 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.62 -0.13 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.23 -1.41	46.96 -0.09 -2.04	48.13 0.09 -1.71	48.55 0.14 -2.08	48.75 0.05 -2.48	48.04 0.05 -1.67	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.40	36.88 -0.15 -0.10
DAHOWA___HYDRO 323763	44.08 2.96 0.00	40.39 2.71 0.00	37.44 2.48 0.00	36.65 2.37 -1.43	35.08 2.33 0.00	34.86 2.33 -0.25	39.64 2.12 -8.54	35.64 2.16 -3.50	38.51 2.62 0.00	41.22 2.73 0.00	44.14 2.89 0.00	50.69 3.23 -1.23	57.16 3.15 -7.78	68.54 3.05 -18.50	73.77 2.70 -26.06	71.00 2.64 -22.04	76.58 2.83 -27.42	81.78 2.77 -32.78	72.45 3.15 -22.97	56.44 2.96 -7.30	52.41 2.75 -7.90	49.87 2.95 -4.77	43.22 2.50 -3.93	40.58 2.29 -1.36
DANC___LFGE 323619	41.57 0.45 0.00	38.25 0.57 0.00	35.38 0.42 0.00	33.18 0.33 0.00	33.11 0.36 0.00	32.65 0.36 -0.01	29.59 0.20 -0.39	30.29 0.15 -0.16	36.11 0.22 0.00	38.61 0.12 0.00	41.34 0.08 0.00	46.43 0.14 -0.06	46.65 0.05 -0.37	47.94 0.05 -0.90	45.99 -0.31 -1.29	47.13 -0.28 -1.08	47.37 -0.28 -1.32	47.52 -0.28 -1.57	47.47 0.09 -1.06	46.65 0.14 -0.34	42.32 0.21 -0.36	42.79 0.42 -0.22	37.32 0.22 -0.30	37.25 0.26 -0.06
DANSKAMMER___1 23586	44.36 3.25 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.74 2.43 -0.46	35.31 2.56 0.00	35.05 2.58 -0.19	37.69 2.26 -6.44	35.11 2.49 -2.64	38.73 2.83 0.00	41.61 3.12 0.00	44.64 3.38 0.00	51.51 4.30 -0.98	56.96 4.39 -6.34	66.90 4.65 -15.26	71.85 4.46 -22.39	69.83 4.82 -18.68	73.42 4.77 -22.32	77.36 4.62 -26.51	68.19 4.54 -17.33	55.93 4.25 -5.50	51.47 3.76 -5.96	49.46 3.71 -3.60	42.70 2.94 -2.96	40.91 2.96 -1.03
DANSKAMMER___2 23589	44.36 3.25 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.74 2.43 -0.46	35.31 2.56 0.00	35.05 2.58 -0.19	37.69 2.26 -6.44	35.11 2.49 -2.64	38.73 2.83 0.00	41.61 3.12 0.00	44.64 3.38 0.00	51.51 4.30 -0.98	56.96 4.39 -6.34	66.90 4.65 -15.26	71.85 4.46 -22.39	69.83 4.82 -18.68	73.42 4.77 -22.32	77.36 4.62 -26.51	68.19 4.54 -17.33	55.93 4.25 -5.50	51.47 3.76 -5.96	49.46 3.71 -3.60	42.70 2.94 -2.96	40.91 2.96 -1.03
DANSKAMMER___3 23590	44.36 3.25 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.74 2.43 -0.46	35.31 2.56 0.00	35.05 2.58 -0.19	37.69 2.26 -6.44	35.11 2.49 -2.64	38.73 2.83 0.00	41.61 3.12 0.00	44.64 3.38 0.00	51.51 4.30 -0.98	56.96 4.39 -6.34	66.90 4.65 -15.26	71.85 4.46 -22.39	69.83 4.82 -18.68	73.42 4.77 -22.32	77.36 4.62 -26.51	68.19 4.54 -17.33	55.93 4.25 -5.50	51.47 3.76 -5.96	49.46 3.71 -3.60	42.70 2.94 -2.96	40.91 2.96 -1.03
DANSKAMMER___4 23591	44.36 3.25 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.74 2.43 -0.46	35.31 2.56 0.00	35.05 2.58 -0.19	37.69 2.26 -6.44	35.11 2.49 -2.64	38.73 2.83 0.00	41.61 3.12 0.00	44.64 3.38 0.00	51.51 4.30 -0.98	56.96 4.39 -6.34	66.90 4.65 -15.26	71.85 4.46 -22.39	69.83 4.82 -18.68	73.42 4.77 -22.32	77.36 4.62 -26.51	68.19 4.54 -17.33	55.93 4.25 -5.50	51.47 3.76 -5.96	49.46 3.71 -3.60	42.70 2.94 -2.96	40.91 2.96 -1.03
DANSKAMMER___DIESEL 23592	44.20 3.08 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.74 2.43 -0.46	35.31 2.55 0.00	35.05 2.58 -0.19	37.69 2.26 -6.44	35.11 2.49 -2.64	38.73 2.84 0.00	41.61 3.12 0.00	44.64 3.38 0.00	51.56 4.35 -0.98	56.96 4.39 -6.34	66.90 4.65 -15.26	71.85 4.46 -22.39	69.87 4.86 -18.68	73.51 4.86 -22.32	77.41 4.67 -26.51	68.19 4.54 -17.33	55.93 4.25 -5.50	51.47 3.76 -5.96	49.42 3.67 -3.60	42.77 3.02 -2.96	40.90 2.95 -1.03
DARBY___SOLAR 323810	43.99 2.88 0.00	40.28 2.60 0.00	37.37 2.41 0.00	36.57 2.30 -1.42	35.01 2.26 0.00	34.76 2.23 -0.25	39.56 2.06 -8.52	35.57 2.10 -3.49	38.40 2.51 0.00	41.19 2.69 0.00	44.06 2.81 0.00	50.64 3.19 -1.23	57.08 3.10 -7.75	68.46 3.05 -18.41	73.63 2.70 -25.92	70.93 2.69 -21.92	76.46 2.83 -27.31	81.65 2.77 -32.65	72.30 3.06 -22.92	56.37 2.91 -7.28	52.31 2.67 -7.88	49.74 2.82 -4.76	43.14 2.43 -3.92	40.53 2.25 -1.36
DASHVILLE___HYD 23610	43.66 2.55 0.00	39.94 2.26 0.00	37.02 2.06 0.00	35.10 1.71 -0.54	34.82 2.06 0.00	34.48 2.00 -0.19	37.31 1.65 -6.67	34.57 1.86 -2.73	38.12 2.23 0.00	40.92 2.42 0.00	43.94 2.68 0.00	50.79 3.56 -1.00	56.23 3.56 -6.45	66.27 3.81 -15.47	71.74 4.46 -22.27	69.32 4.17 -18.82	73.67 4.91 -22.44	77.60 4.72 -26.65	68.09 3.84 -17.92	55.43 3.56 -5.70	51.13 3.21 -6.17	48.87 2.99 -3.72	42.18 2.32 -3.07	40.24 2.25 -1.06

DEERFIELD_69_KV_DEERFIELD LD 355887	55.73 6.46 -8.16	44.73 5.84 -1.21	40.67 5.31 -0.40	38.20 4.89 -0.46	37.60 4.85 0.00	40.84 5.26 -3.29	40.01 4.58 -6.44	41.72 4.92 -6.82	42.31 5.92 -0.50	63.24 6.81 -17.93	56.91 7.26 -8.40	60.09 8.51 -5.35	60.92 8.28 -6.42	128.04 8.79 -72.26	120.35 8.55 -66.79	145.76 9.36 -90.08	227.72 9.40 -171.99	138.82 9.25 -83.35	144.11 9.22 -88.57	119.74 8.54 -65.01	75.65 7.56 -26.35	58.92 7.04 -9.73	57.74 6.51 -14.43	53.16 6.46 -9.77
DELAWARE___LFGE 323621	42.92 1.81 0.00	39.30 1.62 0.00	36.43 1.47 0.00	34.59 1.41 -0.33	34.19 1.44 0.00	33.77 1.42 -0.07	32.56 1.25 -2.33	32.26 1.32 -0.95	37.54 1.65 0.00	40.26 1.77 0.00	43.19 1.94 0.00	48.93 2.36 -0.35	50.76 2.31 -2.22	54.66 2.35 -5.31	54.70 2.03 -7.67	55.03 2.27 -6.43	56.41 2.27 -7.82	57.75 2.22 -9.31	54.91 2.32 -6.27	50.34 2.17 -1.99	45.87 1.96 -2.15	45.44 1.98 -1.30	39.51 1.62 -1.09	38.88 1.59 -0.37
DERFIELD_115KV_TB7 355931	41.32 0.21 0.00	37.87 0.19 0.00	35.13 0.17 0.00	33.02 0.16 0.00	32.88 0.13 0.00	32.41 0.13 0.00	29.16 0.17 0.00	30.16 0.18 0.00	36.11 0.22 0.00	38.72 0.23 0.00	41.50 0.25 0.00	46.55 0.32 0.00	46.55 0.32 0.00	47.32 0.33 0.00	45.23 0.23 0.00	46.60 0.28 0.00	46.60 0.28 0.00	46.51 0.28 0.00	46.60 0.28 0.00	46.46 0.28 0.00	42.00 0.25 0.00	42.41 0.25 0.00	37.02 0.22 0.00	37.11 0.18 0.00
DOGLEVILLE___HYD 23807	41.07 -0.04 0.00	37.68 0.00 0.00	34.96 0.00 0.00	32.85 0.00 0.00	32.75 0.00 0.00	32.28 0.00 0.00	28.99 0.00 0.00	29.98 0.00 0.00	35.86 -0.04 0.00	38.49 0.00 0.00	41.26 0.00 0.00	46.18 -0.05 0.00	46.14 -0.09 0.00	46.67 -0.33 0.00	44.51 -0.49 0.00	45.77 -0.55 0.00	45.77 -0.55 0.00	45.68 -0.55 0.00	45.91 -0.42 0.00	45.72 -0.46 0.00	41.42 -0.34 0.00	41.90 -0.25 0.00	36.58 -0.22 0.00	36.74 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	42.55 1.44 0.00	37.76 0.08 0.00	34.78 -0.17 0.00	32.57 -0.36 -0.08	32.56 -0.20 0.00	31.83 -0.48 -0.03	29.90 -0.14 -1.05	30.03 -0.39 -0.43	36.21 0.32 0.00	38.65 0.15 0.00	41.30 0.04 0.00	45.83 -0.55 -0.16	46.54 -0.69 -1.00	49.40 0.00 -2.40	47.62 -0.86 -3.47	49.24 0.00 -2.91	50.05 0.19 -3.54	50.35 -0.09 -4.21	49.12 -0.05 -2.84	46.62 -0.46 -0.90	42.31 -0.42 -0.98	42.15 -0.59 -0.59	36.76 -0.52 -0.48	37.17 0.07 -0.17
DUNKIRK___1 23563	42.55 1.44 0.00	37.76 0.08 0.00	34.78 -0.17 0.00	32.57 -0.36 -0.08	32.56 -0.20 0.00	31.83 -0.48 -0.03	29.90 -0.14 -1.05	30.03 -0.39 -0.43	36.21 0.32 0.00	38.65 0.15 0.00	41.30 0.04 0.00	45.83 -0.55 -0.16	46.54 -0.69 -1.00	49.40 0.00 -2.40	47.62 -0.86 -3.47	49.24 0.00 -2.91	50.05 0.19 -3.54	50.35 -0.09 -4.21	49.12 -0.05 -2.84	46.62 -0.46 -0.90	42.31 -0.42 -0.98	42.15 -0.59 -0.59	36.76 -0.52 -0.48	37.17 0.07 -0.17
DUNKIRK___2 23564	42.55 1.44 0.00	37.76 0.08 0.00	34.78 -0.17 0.00	32.57 -0.36 -0.08	32.56 -0.20 0.00	31.83 -0.48 -0.03	29.90 -0.14 -1.05	30.03 -0.39 -0.43	36.21 0.32 0.00	38.65 0.15 0.00	41.30 0.04 0.00	45.83 -0.55 -0.16	46.54 -0.69 -1.00	49.40 0.00 -2.40	47.62 -0.86 -3.47	49.24 0.00 -2.91	50.05 0.19 -3.54	50.35 -0.09 -4.21	49.12 -0.05 -2.84	46.62 -0.46 -0.90	42.31 -0.42 -0.98	42.15 -0.59 -0.59	36.76 -0.52 -0.48	37.17 0.07 -0.17
DUNKIRK___3 23565	42.31 1.19 0.00	37.57 -0.11 0.00	34.61 -0.35 0.00	32.43 -0.49 -0.07	32.39 -0.36 0.00	31.67 -0.65 -0.03	29.71 -0.32 -1.04	29.81 -0.60 -0.43	36.00 0.11 0.00	38.41 -0.08 0.00	41.05 -0.21 0.00	45.51 -0.88 -0.16	46.25 -0.97 -0.99	49.09 -0.28 -2.38	47.32 -1.13 -3.43	48.88 -0.32 -2.88	49.68 -0.14 -3.50	50.03 -0.37 -4.17	48.76 -0.37 -2.81	46.33 -0.74 -0.89	42.05 -0.67 -0.96	41.85 -0.89 -0.58	36.54 -0.74 -0.48	36.94 -0.15 -0.17
DUNKIRK___4 23566	42.31 1.19 0.00	37.57 -0.11 0.00	34.61 -0.35 0.00	32.43 -0.49 -0.07	32.39 -0.36 0.00	31.67 -0.65 -0.03	29.71 -0.32 -1.04	29.81 -0.60 -0.43	36.00 0.11 0.00	38.41 -0.08 0.00	41.05 -0.21 0.00	45.51 -0.88 -0.16	46.25 -0.97 -0.99	49.09 -0.28 -2.38	47.32 -1.13 -3.43	48.88 -0.32 -2.88	49.68 -0.14 -3.50	50.03 -0.37 -4.17	48.76 -0.37 -2.81	46.33 -0.74 -0.89	42.05 -0.67 -0.96	41.85 -0.89 -0.58	36.54 -0.74 -0.48	36.94 -0.15 -0.17
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.08 2.96 0.00	40.43 2.75 0.00	37.44 2.48 0.00	35.77 2.46 -0.46	35.31 2.55 0.00	35.09 2.62 -0.19	37.80 2.38 -6.44	35.32 2.70 -2.64	38.98 3.09 0.00	41.84 3.35 0.00	44.89 3.63 0.00	51.80 4.58 -0.99	57.17 4.53 -6.41	67.28 4.84 -15.44	72.48 4.68 -22.79	70.45 5.14 -18.99	74.03 5.14 -22.56	77.99 4.99 -26.76	68.51 4.86 -17.32	56.21 4.53 -5.50	51.76 4.05 -5.96	49.71 3.96 -3.60	43.07 3.31 -2.96	41.13 3.18 -1.03
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.75 2.63 0.00	40.05 2.37 0.00	37.13 2.17 0.00	35.40 2.10 -0.44	34.95 2.19 0.00	34.69 2.23 -0.18	37.15 1.97 -6.19	34.71 2.19 -2.54	38.37 2.48 0.00	41.22 2.73 0.00	44.23 2.97 0.00	50.97 3.79 -0.95	56.17 3.84 -6.10	65.72 4.04 -14.68	70.44 3.87 -21.56	68.62 4.31 -17.99	72.12 4.31 -21.48	75.90 4.16 -25.51	67.01 4.03 -16.65	55.21 3.74 -5.29	50.82 3.34 -5.73	48.90 3.29 -3.46	42.33 2.69 -2.85	40.50 2.58 -0.99
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.29 3.17 -0.01	40.74 3.05 -0.01	37.83 2.87 -0.01	36.14 2.83 -0.46	35.67 2.91 -0.01	35.45 2.97 -0.19	38.10 2.67 -6.44	35.60 2.97 -2.65	39.19 3.30 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.48 4.25 -0.99	56.94 4.30 -6.41	67.23 4.79 -15.44	72.53 4.73 -22.79	70.55 5.23 -18.99	74.17 5.28 -22.57	77.99 4.99 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.84 4.13 -5.95	50.06 4.30 -3.60	43.52 3.75 -2.97	41.54 3.58 -1.03
E179THST_13_KV_LOAD 356214	44.62 3.49 -0.01	41.00 3.32 -0.01	38.04 3.08 -0.01	36.34 3.02 -0.46	35.87 3.11 -0.01	35.64 3.16 -0.19	38.30 2.87 -6.44	35.81 3.18 -2.65	39.41 3.52 0.00	42.07 3.58 0.00	45.30 4.04 0.00	51.80 4.58 -0.99	57.31 4.67 -6.41	67.61 5.17 -15.44	72.93 5.13 -22.79	70.97 5.65 -18.99	74.59 5.70 -22.57	78.40 5.41 -26.76	68.79 5.14 -17.32	56.20 4.53 -5.49	52.13 4.43 -5.95	50.35 4.59 -3.60	43.77 4.01 -2.97	41.80 3.84 -1.03
EAST HAMPTON___GT 23717	56.92 7.65 -8.16	45.67 6.78 -1.21	41.52 6.15 -0.40	38.96 5.65 -0.46	38.42 5.67 0.00	41.52 5.94 -3.29	40.73 5.31 -6.44	42.50 5.70 -6.82	43.28 6.89 -0.50	64.39 7.97 -17.93	58.28 8.62 -8.40	61.61 10.03 -5.35	62.45 9.80 -6.42	129.70 10.43 -72.27	121.88 10.08 -66.79	147.34 10.93 -90.09	229.26 10.93 -172.01	140.40 10.82 -83.35	145.56 10.66 -88.58	121.22 10.02 -65.02	76.91 8.81 -26.35	60.69 8.81 -9.73	58.70 7.47 -14.43	54.12 7.42 -9.78
EAST RIVER___6 23660	44.57 3.45 0.00	40.66 2.98 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.53 2.78 0.00	35.31 2.84 -0.19	38.04 2.61 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	42.03 3.54 0.00	45.18 3.92 0.00	52.08 4.85 -0.99	57.49 4.85 -6.41	67.61 5.17 -15.44	72.79 5.00 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.35 5.36 -26.76	68.83 5.19 -17.32	56.57 4.89 -5.50	52.09 4.38 -5.95	50.22 4.47 -3.60	43.36 3.61 -2.96	41.50 3.55 -1.03

EAST RIVER___7 23524	44.57 3.45 0.00	40.66 2.98 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.53 2.78 0.00	35.31 2.84 -0.19	38.04 2.61 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	42.03 3.54 0.00	45.18 3.92 0.00	52.08 4.85 -0.99	57.49 4.85 -6.41	67.61 5.17 -15.44	72.79 5.00 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.35 5.36 -26.76	68.83 5.19 -17.32	56.57 4.89 -5.50	52.09 4.38 -5.95	50.22 4.47 -3.60	43.36 3.61 -2.96	41.50 3.55 -1.03
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.95 2.84 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.67 2.37 -0.46	35.21 2.46 0.00	34.99 2.52 -0.19	37.70 2.29 -6.42	35.19 2.58 -2.63	38.83 2.94 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.61 4.39 -0.99	56.97 4.35 -6.39	67.05 4.65 -15.40	72.23 4.50 -22.72	70.26 5.00 -18.93	73.78 4.96 -22.50	77.73 4.81 -26.69	68.27 4.68 -17.27	56.01 4.34 -5.49	51.57 3.88 -5.94	49.53 3.79 -3.59	42.95 3.20 -2.95	40.98 3.03 -1.02
EAST_HAMPTON___DIESEL 23722	56.96 7.69 -8.16	45.71 6.82 -1.21	41.55 6.19 -0.40	38.96 5.65 -0.46	38.42 5.67 0.00	41.52 5.94 -3.29	40.73 5.31 -6.44	42.53 5.73 -6.82	43.32 6.93 -0.50	64.43 8.01 -17.93	58.28 8.62 -8.40	61.66 10.08 -5.35	62.50 9.85 -6.42	129.74 10.48 -72.27	121.88 10.08 -66.79	147.39 10.98 -90.09	229.26 10.93 -172.01	140.45 10.87 -83.35	145.61 10.70 -88.58	121.27 10.07 -65.02	76.95 8.85 -26.35	60.69 8.81 -9.73	58.70 7.47 -14.43	54.16 7.46 -9.78
EAST_PULASKI___ESR 323781	41.07 -0.04 0.00	37.57 -0.11 0.00	34.89 -0.07 0.00	32.72 -0.13 0.00	32.56 -0.20 0.00	32.10 -0.19 -0.01	29.21 -0.23 -0.45	29.90 -0.27 -0.18	35.64 -0.25 0.00	38.03 -0.46 0.00	40.76 -0.50 0.00	45.79 -0.51 -0.07	46.10 -0.55 -0.43	47.55 -0.47 -1.03	45.77 -0.72 -1.48	46.92 -0.65 -1.24	47.19 -0.65 -1.51	47.34 -0.69 -1.80	46.98 -0.56 -1.21	46.01 -0.55 -0.39	41.71 -0.46 -0.42	42.03 -0.38 -0.25	36.73 -0.44 -0.38	36.63 -0.37 -0.07
EAST_RIVER___1 323558	44.44 3.33 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.94 2.63 -0.46	35.47 2.72 0.00	35.25 2.78 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.08 3.19 0.00	41.96 3.47 0.00	45.05 3.79 0.00	51.89 4.67 -0.99	57.31 4.67 -6.41	67.47 5.03 -15.44	72.70 4.91 -22.79	70.59 5.28 -18.98	74.16 5.28 -22.56	78.17 5.18 -26.76	68.65 5.00 -17.32	56.34 4.66 -5.50	51.92 4.22 -5.95	50.01 4.26 -3.60	43.21 3.46 -2.96	41.35 3.39 -1.03
EAST_RIVER___2 323559	44.57 3.45 0.00	40.66 2.98 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.53 2.78 0.00	35.31 2.84 -0.19	38.04 2.61 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	42.03 3.54 0.00	45.18 3.92 0.00	52.08 4.85 -0.99	57.49 4.85 -6.41	67.61 5.17 -15.44	72.79 5.00 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.35 5.36 -26.76	68.83 5.19 -17.32	56.57 4.89 -5.50	52.09 4.38 -5.95	50.22 4.47 -3.60	43.36 3.61 -2.96	41.50 3.55 -1.03
EAST___DELAWARE_HYD 23607	43.67 2.55 0.00	39.75 2.07 0.00	36.81 1.85 0.00	35.04 1.77 -0.42	34.65 1.90 0.00	34.38 1.94 -0.16	36.20 1.62 -5.59	34.10 1.83 -2.29	37.90 2.01 0.00	40.72 2.23 0.00	43.69 2.43 0.00	50.31 3.23 -0.85	53.77 2.08 -5.45	62.31 2.21 -13.11	66.24 2.16 -19.07	64.93 2.59 -16.01	68.02 2.59 -19.10	71.41 2.49 -22.69	63.80 2.45 -15.03	53.17 2.22 -4.77	50.01 3.09 -5.17	48.35 3.08 -3.12	41.61 2.24 -2.57	40.07 2.25 -0.89
EIGHT_POINT___WT_PWR 323820	42.14 1.03 0.00	38.36 0.68 0.00	35.34 0.39 0.00	33.11 0.17 -0.09	33.01 0.26 0.00	32.29 -0.03 -0.04	30.43 0.20 -1.23	30.52 0.03 -0.50	36.46 0.57 0.00	38.84 0.35 0.00	41.50 0.25 0.00	46.23 -0.18 -0.18	47.03 -0.37 -1.17	49.99 0.19 -2.81	48.52 -0.54 -4.05	49.87 0.14 -3.40	50.69 0.23 -4.13	51.34 0.19 -4.92	50.24 0.60 -3.31	47.60 0.37 -1.05	43.27 0.37 -1.14	43.05 0.21 -0.69	37.68 0.29 -0.59	37.71 0.59 -0.20
ELBRIDGE_115KV_TB2 80188	41.32 0.21 0.00	37.64 -0.04 0.00	34.85 -0.10 0.00	32.73 -0.16 -0.04	32.56 -0.20 0.00	32.05 -0.26 -0.02	29.44 -0.20 -0.66	30.01 -0.24 -0.27	35.71 -0.18 0.00	38.26 -0.23 0.00	41.05 -0.21 0.00	46.19 -0.14 -0.10	46.67 -0.18 -0.62	48.49 0.00 -1.50	46.90 -0.27 -2.16	48.04 -0.09 -1.81	48.48 -0.05 -2.20	48.76 -0.09 -2.62	47.95 -0.14 -1.76	46.56 -0.18 -0.56	42.15 -0.21 -0.61	42.27 -0.25 -0.37	36.88 -0.33 -0.42	36.77 -0.26 -0.10
ELEC_TRO_TEK 24086	52.85 3.58 -8.16	42.13 3.24 -1.21	38.33 2.97 -0.40	36.23 2.92 -0.46	35.73 2.98 0.00	38.61 3.03 -3.29	38.18 2.75 -6.44	39.89 3.09 -6.82	39.91 3.52 -0.50	60.26 3.85 -17.92	48.57 4.08 -3.23	52.22 4.99 -0.99	57.36 4.72 -6.41	67.47 5.03 -15.45	96.89 5.04 -46.84	109.89 5.51 -58.05	116.59 5.51 -64.75	78.38 5.36 -26.79	68.93 5.28 -17.33	56.58 4.90 -5.50	52.31 4.47 -6.09	49.80 4.05 -3.60	46.03 3.83 -5.40	41.75 3.73 -1.10
ELLENBURG_WT_PWR 323604	39.55 -1.56 0.00	36.51 -1.17 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.47 -0.52 0.00	29.41 -0.57 0.00	35.25 -0.65 0.00	37.84 -0.65 0.00	40.14 -1.11 0.00	44.61 -1.62 0.00	44.66 -1.57 0.00	45.26 -1.74 0.00	43.52 -1.48 0.00	44.52 -1.81 0.00	44.47 -1.85 0.00	44.47 -1.76 0.00	44.42 -1.90 0.00	44.56 -1.62 0.00	40.37 -1.38 0.00	40.93 -1.22 0.00	36.46 -0.33 0.00	36.55 -0.37 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.90 0.78 0.00	37.08 -0.60 0.00	34.19 -0.77 0.00	32.03 -0.89 -0.07	31.97 -0.79 0.00	31.34 -0.97 -0.03	29.40 -0.58 -0.99	29.40 -0.99 -0.40	35.39 -0.50 0.00	37.72 -0.77 0.00	40.31 -0.95 0.00	44.85 -1.53 -0.15	45.55 -1.62 -0.94	48.26 -0.99 -2.25	46.54 -1.71 -3.24	48.07 -0.97 -2.72	48.80 -0.83 -3.31	49.10 -1.06 -3.94	47.91 -1.07 -2.65	45.59 -1.43 -0.84	41.41 -1.25 -0.91	41.23 -1.48 -0.55	36.07 -1.18 -0.45	36.60 -0.48 -0.16
EMPIRE_CC_1 323656	42.64 1.52 0.00	39.11 1.43 0.00	36.32 1.36 0.00	35.04 1.48 -0.71	34.10 1.34 0.00	33.87 1.36 -0.23	38.08 1.19 -7.90	34.36 1.14 -3.24	37.18 1.29 0.00	39.88 1.38 0.00	42.70 1.44 0.00	48.96 1.62 -1.11	54.83 1.62 -6.98	65.24 1.74 -16.51	69.41 1.57 -22.83	67.37 1.62 -19.42	72.56 1.62 -24.61	77.31 1.57 -29.50	69.22 1.62 -21.27	54.46 1.52 -6.76	50.44 1.38 -7.31	47.96 1.39 -4.42	41.72 1.29 -3.64	39.40 1.22 -1.26
EMPIRE_CC_2 323658	42.64 1.52 0.00	39.11 1.43 0.00	36.32 1.36 0.00	35.04 1.48 -0.71	34.10 1.34 0.00	33.87 1.36 -0.23	38.08 1.19 -7.90	34.36 1.14 -3.24	37.18 1.29 0.00	39.88 1.38 0.00	42.70 1.44 0.00	48.96 1.62 -1.11	54.83 1.62 -6.98	65.24 1.74 -16.51	69.41 1.57 -22.83	67.37 1.62 -19.42	72.56 1.62 -24.61	77.31 1.57 -29.50	69.22 1.62 -21.27	54.46 1.52 -6.76	50.44 1.38 -7.31	47.96 1.39 -4.42	41.72 1.29 -3.64	39.40 1.22 -1.26
ENORWICH_115KV_TB1 80156	44.90 3.78 0.00	41.15 3.47 0.00	37.86 2.90 0.00	35.72 2.69 -0.18	35.24 2.49 0.00	34.98 2.65 -0.05	32.96 2.20 -1.76	32.95 2.25 -0.72	38.80 2.91 0.00	41.57 3.08 0.00	44.47 3.22 0.00	50.10 3.61 -0.26	51.42 3.51 -1.68	54.40 3.38 -4.02	53.29 2.48 -5.81	54.16 2.96 -4.87	55.30 3.06 -5.92	56.10 2.82 -7.05	54.50 3.43 -4.75	50.97 3.28 -1.51	46.43 3.05 -1.63	46.43 3.29 -0.99	40.34 2.69 -0.86	39.97 2.77 -0.28

ERIE_ST__34_KV_TB1-2 80199	42.39 1.27 0.00	37.53 -0.15 0.00	34.57 -0.38 0.00	32.37 -0.56 -0.07	32.29 -0.46 0.00	31.31 -1.00 -0.03	29.26 -0.75 -1.02	29.38 -1.02 -0.42	35.89 0.00 0.00	38.30 -0.19 0.00	40.97 -0.29 0.00	45.00 -1.39 -0.15	45.68 -1.53 -0.97	48.48 -0.85 -2.33	46.71 -1.67 -3.36	48.36 -0.79 -2.82	49.10 -0.65 -3.43	49.39 -0.92 -4.08	48.10 -0.97 -2.75	45.67 -1.39 -0.87	41.44 -1.25 -0.95	41.25 -1.48 -0.57	36.05 -1.21 -0.47	36.50 -0.59 -0.16
ERIE_WT_PWR 323693	40.91 -0.20 0.00	37.34 -0.34 0.00	34.44 -0.52 0.00	32.23 -0.69 -0.07	32.23 -0.53 0.00	31.41 -0.90 -0.03	29.53 -0.46 -1.01	29.53 -0.87 -0.41	35.64 -0.25 0.00	38.03 -0.46 0.00	40.59 -0.66 0.00	45.09 -1.29 -0.15	45.76 -1.43 -0.96	48.54 -0.75 -2.30	46.80 -1.53 -3.32	48.23 -0.88 -2.79	48.88 -0.83 -3.38	49.20 -1.06 -4.03	48.25 -0.79 -2.71	45.84 -1.20 -0.86	41.60 -1.09 -0.93	41.37 -1.35 -0.56	36.38 -0.88 -0.46	36.75 -0.33 -0.16
ESPRGFLD_115KV_TB1 80157	44.53 3.41 0.00	40.69 3.01 0.00	37.65 2.69 0.00	36.37 2.50 -1.02	35.37 2.62 0.00	34.81 2.58 0.05	29.49 2.32 1.82	31.67 2.43 0.75	38.91 3.01 0.00	41.73 3.23 0.00	44.72 3.47 0.00	50.01 4.07 0.29	48.38 4.02 1.88	46.44 3.99 4.54	41.70 3.51 6.82	44.47 3.80 5.65	43.66 3.94 6.60	42.35 3.93 7.81	45.56 4.12 4.89	48.60 3.97 1.55	43.66 3.59 1.68	44.81 3.67 1.02	38.94 2.98 0.84	39.48 2.84 0.29
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.51 1.40 0.00	38.74 1.06 0.00	35.83 0.87 0.00	33.68 0.72 -0.10	33.41 0.66 0.00	33.00 0.68 -0.04	30.89 0.58 -1.32	31.12 0.60 -0.54	36.72 0.83 0.00	39.34 0.85 0.00	42.16 0.91 0.00	47.44 1.02 -0.20	48.41 0.92 -1.25	51.17 1.17 -3.00	50.06 0.72 -4.34	50.98 1.02 -3.64	51.86 1.11 -4.42	52.56 1.06 -5.26	51.07 1.20 -3.54	48.41 1.11 -1.13	44.01 1.04 -1.22	43.86 0.97 -0.74	38.16 0.70 -0.67	37.91 0.78 -0.21
ETNA____115KV_TB2 80207	42.51 1.40 0.00	38.74 1.06 0.00	35.83 0.87 0.00	33.68 0.72 -0.10	33.41 0.66 0.00	33.00 0.68 -0.04	30.89 0.58 -1.32	31.12 0.60 -0.54	36.72 0.83 0.00	39.34 0.85 0.00	42.16 0.91 0.00	47.44 1.02 -0.20	48.41 0.92 -1.25	51.17 1.17 -3.00	50.06 0.72 -4.34	50.98 1.02 -3.64	51.86 1.11 -4.42	52.56 1.06 -5.26	51.07 1.20 -3.54	48.41 1.11 -1.13	44.01 1.04 -1.22	43.86 0.97 -0.74	38.16 0.70 -0.67	37.91 0.78 -0.21
EUCLID____115KV_TB2 356179	40.91 -0.21 0.00	37.34 -0.34 0.00	34.57 -0.38 0.00	32.39 -0.46 0.00	32.23 -0.52 0.00	31.75 -0.55 -0.02	29.05 -0.46 -0.52	29.69 -0.51 -0.21	35.35 -0.54 0.00	37.91 -0.58 0.00	40.68 -0.58 0.00	45.71 -0.60 -0.08	46.13 -0.60 -0.50	47.76 -0.42 -1.19	46.10 -0.63 -1.72	47.26 -0.51 -1.45	47.62 -0.46 -1.76	47.77 -0.55 -2.09	47.18 -0.56 -1.41	46.03 -0.45 -0.45	41.65 -0.58 -0.48	41.81 -0.63 -0.29	36.46 -0.63 -0.29	36.45 -0.55 -0.08
E_CANADA_CAP_HY 24051	45.43 4.32 0.00	41.56 3.88 0.00	38.45 3.50 0.00	37.37 3.25 -1.27	36.06 3.31 0.00	35.85 3.26 -0.30	42.42 2.99 -10.44	37.35 3.09 -4.28	39.66 3.77 0.00	42.46 3.97 0.00	45.55 4.29 0.00	52.71 4.95 -1.53	60.87 4.90 -9.75	75.14 4.89 -23.26	82.58 4.36 -33.21	78.92 4.63 -27.96	85.44 4.77 -34.34	92.00 4.81 -40.96	79.51 5.10 -28.09	60.05 4.94 -8.92	55.88 4.47 -9.66	52.58 4.60 -5.83	45.39 3.79 -4.80	42.17 3.58 -1.66
E_CANADA_MHWK_HY 24050	41.07 -0.04 0.00	37.68 0.00 0.00	34.96 0.00 0.00	32.85 0.00 0.00	32.75 0.00 0.00	32.28 0.00 0.00	28.99 0.00 0.00	29.98 0.00 0.00	35.86 -0.04 0.00	38.49 0.00 0.00	41.26 0.00 0.00	46.18 -0.05 0.00	46.14 -0.09 0.00	46.67 -0.33 0.00	44.51 -0.49 0.00	45.77 -0.55 0.00	45.77 -0.55 0.00	45.68 -0.55 0.00	45.91 -0.42 0.00	45.72 -0.46 0.00	41.42 -0.34 0.00	41.90 -0.25 0.00	36.58 -0.22 0.00	36.74 -0.18 0.00
E_FISHKILL____LBMP 23776	43.58 2.47 0.00	39.98 2.30 0.00	37.06 2.10 0.00	35.39 2.07 -0.47	34.91 2.16 0.00	34.67 2.20 -0.19	37.60 2.00 -6.61	34.88 2.19 -2.71	38.40 2.51 0.00	41.22 2.73 0.00	44.18 2.93 0.00	50.95 3.70 -1.02	56.51 3.70 -6.58	66.81 3.95 -15.87	72.21 3.78 -23.42	70.00 4.17 -19.51	73.67 4.17 -23.18	77.75 4.02 -27.50	68.06 3.94 -17.79	55.48 3.65 -5.65	51.17 3.30 -6.12	49.05 3.20 -3.69	42.56 2.72 -3.04	40.56 2.58 -1.05
FALCON____SEABRD_CC1 323796	39.43 -1.69 0.00	36.36 -1.32 0.00	33.91 -1.05 0.00	31.90 -0.95 0.00	32.06 -0.69 0.00	31.64 -0.65 0.00	28.41 -0.58 0.00	29.35 -0.63 0.00	35.17 -0.72 0.00	37.76 -0.73 0.00	39.77 -1.48 0.00	43.97 -2.26 0.00	44.01 -2.22 0.00	44.60 -2.39 0.00	42.89 -2.11 0.00	43.82 -2.50 0.00	43.78 -2.55 0.00	43.78 -2.45 0.00	43.78 -2.55 0.00	43.92 -2.26 0.00	39.96 -1.79 0.00	40.72 -1.43 0.00	36.83 0.04 0.00	36.92 0.00 0.00
FALCON____SEABRD_CC2 323797	39.43 -1.69 0.00	36.36 -1.32 0.00	33.91 -1.05 0.00	31.90 -0.95 0.00	32.06 -0.69 0.00	31.64 -0.65 0.00	28.41 -0.58 0.00	29.35 -0.63 0.00	35.17 -0.72 0.00	37.76 -0.73 0.00	39.77 -1.48 0.00	43.97 -2.26 0.00	44.01 -2.22 0.00	44.60 -2.39 0.00	42.89 -2.11 0.00	43.82 -2.50 0.00	43.78 -2.55 0.00	43.78 -2.45 0.00	43.78 -2.55 0.00	43.92 -2.26 0.00	39.96 -1.79 0.00	40.72 -1.43 0.00	36.83 0.04 0.00	36.92 0.00 0.00
FAR ROCKAWAY____4 23548	53.88 4.60 -8.16	42.96 4.07 -1.21	39.10 3.74 -0.40	36.95 3.65 -0.46	36.42 3.67 0.00	39.29 3.71 -3.29	38.76 3.33 -6.44	40.52 3.72 -6.82	40.70 4.31 -0.50	60.99 4.58 -17.92	49.44 4.95 -3.23	53.32 6.10 -0.99	58.42 5.78 -6.41	68.65 6.20 -15.45	98.01 6.17 -46.84	111.09 6.72 -58.05	117.80 6.72 -64.75	79.49 6.47 -26.79	70.04 6.39 -17.33	57.59 5.91 -5.50	53.27 5.43 -6.09	50.73 4.97 -3.60	46.76 4.56 -5.40	42.40 4.39 -1.08
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.24 3.12 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.94 2.63 -0.46	35.50 2.75 0.00	35.25 2.78 -0.19	37.98 2.55 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	41.99 3.50 0.00	45.05 3.80 0.00	51.94 4.72 -0.99	57.31 4.67 -6.41	67.47 5.03 -15.44	72.70 4.91 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.22 5.22 -26.76	68.69 5.05 -17.32	56.35 4.66 -5.50	51.92 4.22 -5.95	49.97 4.22 -3.60	43.32 3.57 -2.96	41.38 3.43 -1.03
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.24 3.12 0.00	40.58 2.90 0.00	37.62 2.66 0.00	35.97 2.66 -0.46	35.50 2.75 0.00	35.28 2.81 -0.19	37.98 2.55 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	41.99 3.50 0.00	45.09 3.84 0.00	51.98 4.76 -0.99	57.35 4.72 -6.41	67.47 5.03 -15.44	72.70 4.91 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.22 5.22 -26.76	68.69 5.05 -17.32	56.35 4.66 -5.50	51.96 4.26 -5.95	49.97 4.22 -3.60	43.36 3.61 -2.96	41.38 3.43 -1.03
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.20 3.08 0.00	40.51 2.83 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.47 2.72 0.00	35.25 2.78 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.09 3.19 0.00	41.96 3.46 0.00	45.01 3.75 0.00	51.89 4.67 -0.99	57.26 4.62 -6.41	67.42 4.98 -15.44	72.66 4.86 -22.79	70.68 5.37 -18.98	74.26 5.37 -22.56	78.12 5.13 -26.76	68.65 5.00 -17.32	56.30 4.62 -5.50	51.88 4.18 -5.95	49.92 4.17 -3.60	43.29 3.53 -2.96	41.35 3.40 -1.03

FARRAGUT___LBMP 323566	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.21 4.58 -6.41	67.37 4.93 -15.44	72.61 4.82 -22.79	70.59 5.28 -18.98	74.21 5.33 -22.56	78.08 5.09 -26.76	68.55 4.91 -17.32	56.25 4.57 -5.50	51.84 4.13 -5.95	49.88 4.13 -3.60	43.25 3.50 -2.96	41.31 3.36 -1.03
FENNER___WINDPWR 24204	42.14 1.03 0.00	38.70 1.02 0.00	35.76 0.80 0.00	33.62 0.72 -0.05	33.44 0.69 0.00	32.98 0.68 -0.02	30.26 0.55 -0.72	30.85 0.57 -0.30	36.65 0.75 0.00	39.30 0.81 0.00	42.16 0.91 0.00	47.40 1.06 -0.11	47.98 1.06 -0.69	49.72 1.08 -1.65	48.11 0.72 -2.38	49.20 0.88 -2.00	49.63 0.88 -2.43	49.90 0.79 -2.89	49.29 1.02 -1.95	47.72 0.92 -0.62	43.25 0.83 -0.67	43.44 0.89 -0.40	37.87 0.70 -0.38	37.74 0.70 -0.12
FIBERTEK___ENERGY 23856	41.44 0.33 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.62 -0.13 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.23 -1.41	46.96 -0.09 -2.04	48.13 0.09 -1.71	48.55 0.14 -2.08	48.75 0.05 -2.48	48.04 0.05 -1.67	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.40	36.88 -0.15 -0.10
FITZPATRICK____ 23598	40.13 -0.99 0.00	36.78 -0.90 0.00	34.09 -0.87 0.00	31.97 -0.89 0.00	31.80 -0.95 0.00	31.29 -1.00 -0.01	28.46 -0.90 -0.37	29.21 -0.93 -0.15	34.82 -1.08 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.94 -1.34 -0.06	45.24 -1.34 -0.36	46.58 -1.27 -0.85	44.84 -1.40 -1.23	46.01 -1.34 -1.03	46.23 -1.34 -1.25	46.33 -1.39 -1.49	46.03 -1.30 -1.00	45.11 -1.38 -0.32	40.85 -1.25 -0.35	41.06 -1.31 -0.21	35.18 -1.18 0.43	35.84 -1.14 -0.06
FLOWRFLD_69_KV_BK1 356044	54.17 4.89 -8.16	43.30 4.41 -1.21	39.38 4.02 -0.40	37.09 3.78 -0.46	36.58 3.83 0.00	39.58 4.00 -3.29	38.96 3.54 -6.44	40.64 3.84 -6.82	40.91 4.52 -0.50	61.55 5.12 -17.94	55.60 5.12 -9.22	58.89 5.87 -6.79	58.16 5.50 -6.43	143.77 5.78 -90.99	124.23 5.85 -73.37	153.22 6.25 -100.65	259.97 6.30 -207.35	154.38 6.15 -102.00	164.50 6.11 -112.06	136.54 5.73 -84.64	79.80 5.22 -32.83	58.62 4.72 -11.75	57.64 4.93 -15.91	54.53 4.95 -12.66
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.32 3.21 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.84 2.53 -0.46	35.37 2.62 0.00	35.12 2.65 -0.19	37.80 2.35 -6.47	35.18 2.55 -2.65	38.80 2.91 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.70 4.48 -0.99	57.13 4.53 -6.37	67.12 4.79 -15.33	72.11 4.59 -22.51	70.11 5.00 -18.78	73.76 5.00 -22.43	77.67 4.81 -26.64	68.41 4.68 -17.40	56.05 4.34 -5.53	51.62 3.88 -5.98	49.52 3.75 -3.61	42.86 3.09 -2.97	40.98 3.03 -1.03
FORT ORANGE____ 23900	42.47 1.35 0.00	39.11 1.43 0.00	36.29 1.33 0.00	35.14 1.32 -0.97	33.87 1.11 0.00	33.62 1.10 -0.24	38.15 0.96 -8.20	34.30 0.96 -3.36	36.97 1.08 0.00	39.69 1.19 0.00	42.58 1.32 0.00	48.71 1.29 -1.19	55.01 1.25 -7.53	66.13 1.22 -17.92	71.31 1.08 -25.22	68.89 1.16 -21.41	73.87 1.16 -26.39	78.93 1.20 -31.50	69.59 1.20 -22.06	54.30 1.11 -7.01	50.34 1.00 -7.59	47.83 1.09 -4.58	42.04 1.47 -3.77	39.63 1.40 -1.31
FORT_DRUM_COGEN 23780	42.43 1.32 0.00	39.04 1.36 0.00	36.01 1.05 0.00	33.84 0.99 0.00	33.73 0.98 0.00	33.36 1.07 -0.01	30.06 0.75 -0.32	30.83 0.72 -0.13	36.75 0.86 0.00	39.30 0.81 0.00	42.08 0.83 0.00	47.20 0.92 -0.05	47.32 0.79 -0.31	48.38 0.66 -0.73	46.29 0.23 -1.06	47.49 0.28 -0.89	47.73 0.32 -1.08	47.83 0.32 -1.28	48.02 0.83 -0.86	47.47 1.02 -0.27	43.09 1.04 -0.30	43.72 1.39 -0.18	38.06 1.03 -0.24	38.01 1.03 -0.05
FPL_FAR_ROCK_GT1 24212	54.04 4.77 -8.16	42.96 4.07 -1.21	39.10 3.74 -0.40	36.92 3.61 -0.46	36.42 3.67 0.00	39.29 3.71 -3.29	38.76 3.33 -6.44	40.52 3.72 -6.82	40.69 4.31 -0.50	60.99 4.58 -17.92	49.44 4.95 -3.23	53.23 6.01 -0.99	58.37 5.73 -6.41	68.65 6.20 -15.45	98.01 6.17 -46.84	111.00 6.62 -58.05	117.65 6.58 -64.75	79.49 6.47 -26.79	69.90 6.25 -17.33	57.60 5.91 -5.50	53.26 5.43 -6.09	51.15 5.40 -3.60	46.65 4.45 -5.40	42.39 4.39 -1.08
FPL_FAR_ROCK_GT2 23815	54.04 4.77 -8.16	42.96 4.07 -1.21	39.10 3.74 -0.40	36.92 3.61 -0.46	36.42 3.67 0.00	39.29 3.71 -3.29	38.76 3.33 -6.44	40.52 3.72 -6.82	40.69 4.31 -0.50	60.99 4.58 -17.92	49.44 4.95 -3.23	53.23 6.01 -0.99	58.37 5.73 -6.41	68.65 6.20 -15.45	98.01 6.17 -46.84	111.00 6.62 -58.05	117.65 6.58 -64.75	79.49 6.47 -26.79	69.90 6.25 -17.33	57.60 5.91 -5.50	53.26 5.43 -6.09	51.15 5.40 -3.60	46.65 4.45 -5.40	42.39 4.39 -1.08
FRANKLIN_FALL_HYD 24054	39.55 -1.56 0.00	36.74 -0.94 0.00	34.19 -0.77 0.00	32.19 -0.66 0.00	32.42 -0.33 0.00	32.03 -0.26 0.00	28.73 -0.26 0.00	29.71 -0.27 0.00	35.64 -0.25 0.00	38.30 -0.19 0.00	40.76 -0.50 0.00	45.35 -0.88 0.00	45.40 -0.83 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.07 -1.25 0.00	44.98 -1.34 0.00	44.98 -1.25 0.00	45.07 -1.25 0.00	45.26 -0.92 0.00	40.92 -0.84 0.00	41.48 -0.67 0.00	36.65 -0.15 0.00	36.70 -0.22 0.00
FREEPORT_EQUS_GT1 23764	53.59 4.32 -8.16	42.62 3.73 -1.21	38.79 3.43 -0.40	36.59 3.28 -0.46	36.13 3.37 0.00	39.00 3.42 -3.29	38.50 3.07 -6.44	40.25 3.45 -6.82	40.34 3.95 -0.50	60.61 4.20 -17.92	48.94 4.46 -3.23	52.63 5.41 -0.99	57.82 5.18 -6.41	67.80 5.36 -15.45	97.25 5.40 -46.84	110.21 5.84 -58.05	116.87 5.79 -64.75	78.70 5.68 -26.79	69.11 5.46 -17.32	57.04 5.35 -5.50	52.72 4.88 -6.09	50.64 4.89 -3.60	46.32 4.12 -5.40	42.29 4.21 -1.16
FREEPORT___CT2 23818	53.59 4.32 -8.16	42.62 3.73 -1.21	38.79 3.43 -0.40	36.59 3.28 -0.46	36.13 3.37 0.00	39.00 3.42 -3.29	38.50 3.07 -6.44	40.25 3.45 -6.82	40.34 3.95 -0.50	60.61 4.20 -17.92	48.94 4.46 -3.23	52.63 5.41 -0.99	57.82 5.18 -6.41	67.80 5.36 -15.45	97.25 5.40 -46.84	110.21 5.84 -58.05	116.87 5.79 -64.75	78.70 5.68 -26.79	69.11 5.46 -17.32	57.04 5.35 -5.50	52.72 4.88 -6.09	50.64 4.89 -3.60	46.32 4.12 -5.40	42.29 4.21 -1.16
FRESHKLS_33_KV_LOAD 356253	36.74 3.12 7.50	36.54 2.86 4.00	36.53 2.73 1.15	36.04 2.73 -0.46	35.64 2.88 -0.01	35.45 2.97 -0.19	36.55 2.61 -4.95	35.58 2.97 -2.63	37.00 3.34 2.22	39.58 3.43 2.34	38.27 3.88 6.87	39.63 4.62 11.22	42.02 4.53 8.74	52.76 4.98 -0.78	58.68 4.91 -8.77	57.96 5.42 -6.21	62.69 5.51 -10.85	65.40 5.22 -13.94	55.87 5.05 -4.50	42.45 4.48 8.21	41.43 4.26 4.58	42.21 4.34 4.28	41.45 3.72 -0.94	39.34 3.51 1.09
FULTON COGEN____ 23766	40.95 -0.16 0.00	37.42 -0.26 0.00	34.68 -0.28 0.00	32.52 -0.33 0.00	32.33 -0.43 0.00	31.85 -0.45 -0.01	29.07 -0.41 -0.49	29.73 -0.45 -0.20	35.42 -0.47 0.00	37.91 -0.58 0.00	40.68 -0.58 0.00	45.75 -0.55 -0.07	46.10 -0.60 -0.47	47.69 -0.42 -1.12	45.95 -0.68 -1.62	47.12 -0.56 -1.36	47.46 -0.51 -1.65	47.64 -0.55 -1.96	47.09 -0.56 -1.32	46.00 -0.60 -0.42	41.62 -0.58 -0.45	41.84 -0.59 -0.27	36.59 -0.63 -0.42	36.45 -0.55 -0.08

FULTON___LFGE 323630	47.28 6.17 0.00	43.26 5.58 0.00	39.99 5.04 0.00	38.89 4.66 -1.37	37.47 4.72 0.00	37.25 4.68 -0.28	43.10 4.32 -9.79	38.47 4.47 -4.01	41.27 5.38 0.00	44.11 5.62 0.00	47.24 5.98 0.00	54.46 6.80 -1.43	62.04 6.70 -9.11	75.24 6.53 -21.72	81.89 5.94 -30.94	78.51 6.11 -26.07	84.95 6.53 -32.09	91.22 6.70 -38.29	79.81 7.13 -26.35	61.43 6.88 -8.37	57.03 6.22 -9.06	54.08 6.45 -5.47	46.67 5.37 -4.50	43.47 4.98 -1.56
G.F.CEMENT___DRP 24184	44.32 3.21 0.00	40.66 2.98 0.00	37.69 2.73 0.00	36.87 2.56 -1.46	35.27 2.52 0.00	35.05 2.52 -0.25	39.88 2.32 -8.57	35.90 2.40 -3.51	38.83 2.94 0.00	41.69 3.19 0.00	44.56 3.30 0.00	51.17 3.70 -1.24	57.58 3.51 -7.84	68.92 3.29 -18.64	74.19 2.88 -26.30	71.38 2.83 -22.23	76.91 2.96 -27.62	82.19 2.96 -33.00	72.83 3.43 -23.07	56.70 3.19 -7.33	52.65 2.96 -7.93	50.23 3.29 -4.79	43.50 2.76 -3.94	40.80 2.51 -1.37
GARDENVILLE___LBMP 24039	42.02 0.90 0.00	37.19 -0.49 0.00	34.30 -0.66 0.00	32.13 -0.79 -0.07	32.06 -0.69 0.00	31.38 -0.94 -0.03	29.44 -0.55 -1.01	29.47 -0.93 -0.41	35.53 -0.36 0.00	37.88 -0.62 0.00	40.47 -0.78 0.00	44.95 -1.43 -0.15	45.66 -1.53 -0.96	48.39 -0.89 -2.29	46.65 -1.67 -3.31	48.22 -0.88 -2.78	48.96 -0.74 -3.37	49.28 -0.97 -4.02	48.06 -0.97 -2.71	45.70 -1.34 -0.86	41.51 -1.17 -0.93	41.32 -1.39 -0.56	36.15 -1.10 -0.46	36.64 -0.44 -0.16
GARDNVLA_35_KV_LD 355827	42.23 1.11 0.00	37.38 -0.30 0.00	34.47 -0.49 0.00	32.27 -0.66 -0.07	32.20 -0.56 0.00	31.51 -0.81 -0.03	29.57 -0.43 -1.01	29.56 -0.84 -0.41	35.68 -0.22 0.00	38.07 -0.42 0.00	40.68 -0.58 0.00	45.13 -1.25 -0.15	45.85 -1.34 -0.96	48.64 -0.66 -2.31	46.90 -1.44 -3.33	48.47 -0.65 -2.79	49.21 -0.51 -3.39	49.53 -0.74 -4.04	48.26 -0.79 -2.72	45.89 -1.15 -0.86	41.64 -1.04 -0.94	41.50 -1.22 -0.56	36.27 -0.99 -0.46	36.79 -0.30 -0.16
GELCKHM___115KV_LOAD 80723	41.07 -0.04 0.00	37.49 -0.19 0.00	34.71 -0.24 0.00	32.52 -0.33 0.00	32.36 -0.39 0.00	31.88 -0.42 -0.02	29.20 -0.35 -0.56	29.82 -0.39 -0.23	35.53 -0.36 0.00	38.07 -0.42 0.00	40.84 -0.41 0.00	45.94 -0.37 -0.08	46.35 -0.42 -0.53	48.03 -0.23 -1.28	46.40 -0.45 -1.84	47.59 -0.28 -1.54	47.92 -0.28 -1.88	48.14 -0.32 -2.23	47.51 -0.32 -1.50	46.24 -0.42 -0.48	41.85 -0.42 -0.52	42.00 -0.46 -0.31	36.61 -0.52 -0.33	36.57 -0.44 -0.09
GENERAL___MILLS 23808	42.14 1.03 0.00	37.30 -0.38 0.00	34.40 -0.56 0.00	32.20 -0.72 -0.07	32.16 -0.59 0.00	31.44 -0.87 -0.03	29.51 -0.49 -1.01	29.50 -0.90 -0.41	35.60 -0.29 0.00	37.99 -0.50 0.00	40.60 -0.66 0.00	45.04 -1.34 -0.15	45.76 -1.43 -0.96	48.50 -0.80 -2.30	46.76 -1.58 -3.32	48.33 -0.79 -2.79	49.06 -0.65 -3.39	49.39 -0.88 -4.03	48.16 -0.88 -2.72	45.80 -1.25 -0.86	41.56 -1.13 -0.93	41.41 -1.31 -0.56	36.19 -1.07 -0.46	36.72 -0.37 -0.16
GE_PLASTICS___DRP 24183	42.51 1.40 0.00	39.15 1.47 0.00	36.36 1.40 0.00	35.11 1.38 -0.88	34.00 1.24 0.00	33.75 1.23 -0.24	38.30 1.10 -8.21	34.46 1.11 -3.36	37.15 1.26 0.00	39.88 1.39 0.00	42.78 1.53 0.00	48.63 1.20 -1.20	55.07 1.25 -7.59	66.34 1.27 -18.08	69.45 1.08 -23.36	69.19 1.20 -21.66	71.46 1.16 -23.98	75.70 1.16 -28.32	69.41 1.16 -21.92	54.30 1.11 -7.02	50.35 1.00 -7.59	47.88 1.14 -4.59	41.93 1.36 -3.77	39.56 1.33 -1.31
GILBOA___1 23756	42.68 1.56 0.00	39.08 1.39 0.00	36.39 1.43 0.00	34.65 1.38 -0.42	34.13 1.38 0.00	33.85 1.39 -0.18	36.54 1.25 -6.31	33.80 1.23 -2.59	37.29 1.40 0.00	40.03 1.54 0.00	42.99 1.73 0.00	49.20 2.03 -0.94	54.27 2.03 -6.01	63.45 2.07 -14.39	67.67 1.89 -20.77	65.84 2.09 -17.43	69.54 2.04 -21.18	73.48 2.03 -25.21	65.34 2.04 -16.98	53.65 2.08 -5.39	49.42 1.83 -5.84	47.53 1.85 -3.53	41.24 1.55 -2.90	39.44 1.51 -1.01
GILBOA___2 23757	42.68 1.56 0.00	39.08 1.39 0.00	36.39 1.43 0.00	34.65 1.38 -0.42	34.13 1.38 0.00	33.85 1.39 -0.18	36.54 1.25 -6.31	33.80 1.23 -2.59	37.29 1.40 0.00	40.03 1.54 0.00	42.99 1.73 0.00	49.20 2.03 -0.94	54.27 2.03 -6.01	63.45 2.07 -14.39	67.67 1.89 -20.77	65.84 2.09 -17.43	69.54 2.04 -21.18	73.48 2.03 -25.21	65.34 2.04 -16.98	53.65 2.08 -5.39	49.42 1.83 -5.84	47.53 1.85 -3.53	41.24 1.55 -2.90	39.44 1.51 -1.01
GILBOA___3 23758	42.68 1.56 0.00	39.08 1.39 0.00	36.39 1.43 0.00	34.65 1.38 -0.42	34.13 1.38 0.00	33.85 1.39 -0.18	36.54 1.25 -6.31	33.80 1.23 -2.59	37.29 1.40 0.00	40.03 1.54 0.00	42.99 1.73 0.00	49.20 2.03 -0.94	54.27 2.03 -6.01	63.45 2.07 -14.39	67.67 1.89 -20.77	65.84 2.09 -17.43	69.54 2.04 -21.18	73.48 2.03 -25.21	65.34 2.04 -16.98	53.65 2.08 -5.39	49.42 1.83 -5.84	47.53 1.85 -3.53	41.24 1.55 -2.90	39.44 1.51 -1.01
GILBOA___4 23759	42.68 1.56 0.00	39.08 1.39 0.00	36.39 1.43 0.00	34.65 1.38 -0.42	34.13 1.38 0.00	33.85 1.39 -0.18	36.54 1.25 -6.31	33.80 1.23 -2.59	37.29 1.40 0.00	40.03 1.54 0.00	42.99 1.73 0.00	49.20 2.03 -0.94	54.27 2.03 -6.01	63.45 2.07 -14.39	67.67 1.89 -20.77	65.84 2.09 -17.43	69.54 2.04 -21.18	73.48 2.03 -25.21	65.34 2.04 -16.98	53.65 2.08 -5.39	49.42 1.83 -5.84	47.53 1.85 -3.53	41.24 1.55 -2.90	39.44 1.51 -1.01
GILBOA___ 23599	42.64 1.52 0.00	39.07 1.39 0.00	36.36 1.40 0.00	34.65 1.38 -0.42	34.13 1.38 0.00	33.85 1.39 -0.18	36.55 1.25 -6.31	33.80 1.23 -2.59	37.29 1.40 0.00	40.03 1.54 0.00	42.99 1.73 0.00	49.25 2.08 -0.94	54.28 2.03 -6.01	63.45 2.07 -14.39	67.67 1.89 -20.77	65.75 1.99 -17.43	69.49 1.99 -21.18	73.48 2.03 -25.21	65.34 2.04 -16.98	53.65 2.08 -5.39	49.43 1.84 -5.84	47.49 1.81 -3.53	41.24 1.55 -2.90	39.44 1.51 -1.01
GINNA___ 23603	39.22 -1.89 0.00	35.72 -1.96 0.00	33.04 -1.92 0.00	30.96 -1.94 -0.05	30.82 -1.93 0.00	30.50 -1.81 -0.02	28.29 -1.42 -0.72	28.66 -1.62 -0.29	34.10 -1.79 0.00	36.57 -1.92 0.00	39.19 -2.06 0.00	44.21 -2.13 -0.11	44.79 -2.13 -0.68	46.89 -1.74 -1.63	45.02 -2.34 -2.36	46.13 -2.18 -1.98	46.60 -2.13 -2.40	46.83 -2.26 -2.86	46.21 -2.04 -1.93	44.67 -2.12 -0.61	40.33 -2.09 -0.66	40.32 -2.24 -0.40	35.25 -1.88 -0.33	35.41 -1.62 -0.11
GLEN PARK___ 23778	42.64 1.52 0.00	39.34 1.66 0.00	36.29 1.33 0.00	34.07 1.22 0.00	34.06 1.31 0.00	33.59 1.29 -0.01	30.24 0.93 -0.32	30.99 0.87 -0.13	36.97 1.08 0.00	39.53 1.04 0.00	42.29 1.03 0.00	47.43 1.16 -0.05	47.55 1.02 -0.31	48.58 0.85 -0.74	46.43 0.36 -1.06	47.63 0.42 -0.89	47.87 0.46 -1.08	48.03 0.51 -1.29	48.30 1.11 -0.87	47.75 1.29 -0.28	43.39 1.34 -0.30	43.98 1.64 -0.18	38.32 1.29 -0.24	38.23 1.26 -0.05
GLENDALE_27_KV_LOAD 356172	44.49 3.37 0.00	40.85 3.17 0.00	37.90 2.94 0.00	36.20 2.89 -0.46	35.77 3.01 0.00	35.55 3.07 -0.19	38.22 2.78 -6.44	35.78 3.15 -2.65	39.44 3.55 0.00	42.19 3.70 0.00	45.34 4.08 0.00	52.08 4.85 -0.99	57.40 4.76 -6.41	67.65 5.22 -15.44	72.88 5.09 -22.79	70.91 5.61 -18.98	74.54 5.65 -22.56	78.36 5.36 -26.76	68.83 5.19 -17.32	56.34 4.66 -5.49	52.13 4.43 -5.95	50.26 4.51 -3.60	43.66 3.90 -2.96	41.68 3.73 -1.03

GLENWOOD_IC_1_G5 23712	52.65 3.37 -8.16	42.21 3.32 -1.21	38.40 3.04 -0.40	36.27 2.96 -0.46	35.77 3.01 0.00	38.68 3.10 -3.29	38.24 2.81 -6.44	39.95 3.15 -6.82	40.01 3.63 -0.50	60.11 3.70 -17.92	48.53 4.04 -3.23	52.22 4.99 -0.99	57.49 4.85 -6.41	67.66 5.22 -15.45	96.98 5.13 -46.84	110.03 5.65 -58.05	116.68 5.61 -64.75	78.43 5.41 -26.79	68.93 5.28 -17.33	56.58 4.90 -5.50	52.26 4.43 -6.09	49.88 4.13 -3.60	45.88 3.68 -5.40	41.63 3.54 -1.16
GLENWOOD_IC_2_G1 23688	52.77 3.49 -8.16	41.94 3.05 -1.21	38.16 2.80 -0.40	36.03 2.73 -0.46	35.53 2.78 0.00	38.42 2.84 -3.29	38.01 2.58 -6.44	39.71 2.91 -6.82	39.69 3.30 -0.50	59.99 3.58 -17.92	48.41 3.92 -3.23	51.99 4.76 -0.99	57.31 4.67 -6.41	67.47 5.03 -15.45	96.75 4.91 -46.84	109.70 5.33 -58.05	116.36 5.28 -64.75	78.19 5.18 -26.79	68.70 5.05 -17.32	56.44 4.76 -5.50	52.14 4.30 -6.09	50.01 4.26 -3.60	45.70 3.50 -5.40	41.47 3.47 -1.08
GLENWOOD_IC_3_G1 23689	52.77 3.49 -8.16	41.94 3.05 -1.21	38.16 2.80 -0.40	36.03 2.73 -0.46	35.53 2.78 0.00	38.42 2.84 -3.29	38.01 2.58 -6.44	39.71 2.91 -6.82	39.69 3.30 -0.50	59.99 3.58 -17.92	48.41 3.92 -3.23	51.99 4.76 -0.99	57.31 4.67 -6.41	67.47 5.03 -15.45	96.75 4.91 -46.84	109.70 5.33 -58.05	116.36 5.28 -64.75	78.19 5.18 -26.79	68.70 5.05 -17.32	56.44 4.76 -5.50	52.14 4.30 -6.09	50.01 4.26 -3.60	45.70 3.50 -5.40	41.47 3.47 -1.08
GLENWOOD___4 23550	52.77 3.49 -8.16	42.21 3.32 -1.21	38.40 3.04 -0.40	36.27 2.96 -0.46	35.77 3.01 0.00	38.68 3.10 -3.29	38.24 2.81 -6.44	39.95 3.15 -6.82	40.01 3.63 -0.50	60.22 3.81 -17.92	48.61 4.13 -3.23	52.35 5.13 -0.99	57.59 4.95 -6.41	67.75 5.31 -15.45	97.11 5.27 -46.84	110.12 5.74 -58.05	116.82 5.74 -64.75	78.57 5.55 -26.79	69.07 5.42 -17.33	56.72 5.03 -5.50	52.35 4.51 -6.09	50.01 4.26 -3.60	45.95 3.75 -5.40	41.74 3.66 -1.16
GLENWOOD___5 23614	52.77 3.49 -8.16	42.21 3.32 -1.21	38.40 3.04 -0.40	36.27 2.96 -0.46	35.77 3.01 0.00	38.68 3.10 -3.29	38.24 2.81 -6.44	39.95 3.15 -6.82	40.01 3.63 -0.50	60.22 3.81 -17.92	48.61 4.13 -3.23	52.35 5.13 -0.99	57.59 4.95 -6.41	67.75 5.31 -15.45	97.11 5.27 -46.84	110.12 5.74 -58.05	116.82 5.74 -64.75	78.57 5.55 -26.79	69.07 5.42 -17.33	56.72 5.03 -5.50	52.35 4.51 -6.09	50.01 4.26 -3.60	45.95 3.75 -5.40	41.74 3.66 -1.16
GLOBAL GREEN_PORT_GT1 23814	56.72 7.44 -8.16	45.48 6.59 -1.21	41.34 5.98 -0.40	38.79 5.49 -0.46	38.25 5.50 0.00	41.33 5.75 -3.29	40.59 5.16 -6.44	42.35 5.55 -6.82	43.10 6.71 -0.50	64.16 7.74 -17.93	57.99 8.34 -8.40	61.29 9.71 -5.35	62.17 9.52 -6.42	129.42 10.15 -72.28	121.62 9.81 -66.80	147.07 10.66 -90.09	228.96 10.61 -172.03	140.14 10.54 -83.37	145.29 9.79 -88.59	121.01 8.60 -65.04	76.70 8.60 -26.35	60.48 8.60 -9.73	58.48 7.25 -14.44	53.94 7.24 -9.78
GLOBE___DSASP 323697	40.46 -0.66 0.00	35.98 -1.70 0.00	33.32 -1.64 0.00	31.21 -1.71 -0.07	31.15 -1.60 0.00	30.70 -1.61 -0.03	28.70 -1.22 -0.93	28.50 -1.86 -0.38	34.06 -1.83 0.00	36.30 -2.19 0.00	38.78 -2.48 0.00	43.41 -2.96 -0.14	44.06 -3.05 -0.88	46.52 -2.58 -2.11	44.86 -3.20 -3.05	46.29 -2.59 -2.56	46.98 -2.46 -3.11	47.30 -2.64 -3.70	46.23 -2.59 -2.49	44.11 -2.86 -0.79	40.06 -2.55 -0.86	39.93 -2.74 -0.52	35.01 -2.21 -0.43	35.74 -1.33 -0.15
GOETHSLN___LBMP 323567	36.38 2.75 7.49	36.25 2.56 3.99	37.30 2.34 0.00	35.67 2.37 -0.46	35.24 2.49 0.00	35.02 2.55 -0.19	36.26 2.32 -4.96	35.32 2.70 -2.64	38.80 2.91 0.00	41.65 3.16 0.00	37.86 3.47 6.86	39.37 4.35 11.21	41.80 4.30 8.73	52.43 4.65 -0.79	58.33 4.55 -8.77	57.55 5.00 -6.22	62.23 5.05 -10.86	64.99 4.81 -13.95	55.51 4.68 -4.50	42.27 4.29 8.21	41.06 3.88 4.57	41.76 3.88 4.28	41.02 3.27 -0.95	38.97 3.14 1.09
GOLAH___69_KV_TB 1_2 80279	41.86 0.74 0.00	37.30 -0.38 0.00	34.47 -0.49 0.00	32.28 -0.62 -0.05	32.26 -0.49 0.00	31.82 -0.48 -0.02	29.60 -0.14 -0.75	29.81 -0.48 -0.31	35.53 -0.36 0.00	37.95 -0.54 0.00	40.47 -0.78 0.00	45.46 -0.88 -0.11	46.07 -0.88 -0.72	48.24 -0.47 -1.72	46.54 -0.95 -2.48	47.90 -0.51 -2.08	48.35 -0.51 -2.53	48.78 -0.46 -3.01	47.89 -0.46 -2.03	46.41 -0.42 -0.64	41.99 -0.46 -0.70	41.94 -0.63 -0.42	36.66 -0.48 -0.35	37.08 0.04 -0.12
GOODYEAR_LAKE_HYD 323669	43.50 2.38 0.00	39.83 2.15 0.00	36.85 1.89 0.00	35.16 1.77 -0.53	34.59 1.83 0.00	34.16 1.84 -0.03	31.73 1.62 -1.12	32.15 1.71 -0.46	38.04 2.15 0.00	40.84 2.35 0.00	43.77 2.52 0.00	49.40 3.00 -0.17	50.30 3.00 -1.07	52.51 2.96 -2.56	51.26 2.57 -3.69	52.25 2.83 -3.09	52.96 2.87 -3.76	53.53 2.82 -4.48	52.30 2.96 -3.01	49.95 2.82 -0.96	45.33 2.55 -1.04	45.39 2.61 -0.63	39.42 2.10 -0.53	39.13 2.03 -0.18
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.14 1.03 0.00	38.28 0.60 0.00	35.45 0.49 0.00	33.36 0.36 -0.15	33.11 0.36 0.00	32.63 0.29 -0.05	31.16 0.29 -1.88	31.02 0.27 -0.77	36.50 0.61 0.00	39.07 0.58 0.00	41.92 0.66 0.00	47.11 0.60 -0.28	48.58 0.55 -1.79	52.13 0.85 -4.29	51.61 0.41 -6.20	52.31 0.79 -5.20	53.48 0.83 -6.32	54.54 0.79 -7.52	52.22 0.83 -5.07	48.44 0.65 -1.61	44.08 0.58 -1.74	43.71 0.51 -1.05	38.03 0.33 -0.91	37.67 0.44 -0.30
GOUDEY___7 23579	42.18 1.07 0.00	38.32 0.64 0.00	35.48 0.52 0.00	33.40 0.39 -0.15	33.15 0.39 0.00	32.66 0.32 -0.05	31.19 0.32 -1.88	31.05 0.30 -0.77	36.54 0.65 0.00	39.11 0.62 0.00	41.96 0.70 0.00	47.16 0.65 -0.28	48.62 0.60 -1.79	52.18 0.89 -4.29	51.66 0.45 -6.20	52.36 0.83 -5.20	53.57 0.93 -6.32	54.58 0.83 -7.52	52.27 0.88 -5.07	48.48 0.69 -1.61	44.12 0.63 -1.74	43.75 0.55 -1.05	38.07 0.37 -0.91	37.70 0.48 -0.30
GOUDEY___8 23580	42.14 1.03 0.00	38.28 0.60 0.00	35.45 0.49 0.00	33.36 0.36 -0.15	33.11 0.36 0.00	32.63 0.29 -0.05	31.16 0.29 -1.88	31.02 0.27 -0.77	36.50 0.61 0.00	39.07 0.58 0.00	41.92 0.66 0.00	47.11 0.60 -0.28	48.58 0.55 -1.79	52.13 0.85 -4.29	51.61 0.41 -6.20	52.31 0.79 -5.20	53.48 0.83 -6.32	54.54 0.79 -7.52	52.22 0.83 -5.07	48.44 0.65 -1.61	44.08 0.58 -1.74	43.71 0.51 -1.05	38.03 0.33 -0.91	37.67 0.44 -0.30
GOWANUS_GT1_1 24077	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT1_2 24078	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03

GOWANUS_GT1_3 24079	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT1_4 24080	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT1_5 24084	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT1_6 24111	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT1_7 24112	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT1_8 24113	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GOWANUS_GT2_1 24114	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	4

GOWANUS_GT3_2 24123	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
GOWANUS_GT3_3 24124	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
GOWANUS_GT3_4 24125	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
GOWANUS_GT3_5 24126	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
GOWANUS_GT3_6 24127	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
GOWANUS_GT3_7 24128	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
GOWANUS_GT3_8 24129	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	4

GREENBSH_115KV_TB3 55895	42.27 1.15 0.00	39.07 1.39 0.00	36.25 1.29 0.00	35.16 1.31 -0.99	33.83 1.08 0.00	33.59 1.07 -0.24	38.19 0.96 -8.25	34.32 0.96 -3.38	36.97 1.08 0.00	39.68 1.19 0.00	42.58 1.32 0.00	48.72 1.29 -1.19	55.08 1.29 -7.56	66.34 1.36 -17.98	71.59 1.17 -25.41	69.04 1.25 -21.47	74.21 1.25 -26.64	79.30 1.25 -31.82	69.73 1.20 -22.20	54.38 1.15 -7.05	50.43 1.04 -7.63	47.90 1.14 -4.61	41.77 1.18 -3.79	39.38 1.14 -1.31
GREENDGE_115KV_TB5 80291	42.06 0.95 0.00	37.94 0.26 0.00	35.03 0.07 0.00	32.87 -0.07 -0.09	32.62 -0.13 0.00	32.22 -0.10 -0.03	30.42 0.26 -1.17	30.64 0.18 -0.48	36.11 0.22 0.00	38.61 0.12 0.00	41.38 0.12 0.00	46.40 0.00 -0.17	47.25 -0.09 -1.12	50.04 0.38 -2.67	48.64 -0.23 -3.86	49.84 0.28 -3.24	50.63 0.37 -3.93	51.23 0.32 -4.68	49.94 0.46 -3.15	47.46 0.28 -1.00	43.04 0.21 -1.08	42.89 0.08 -0.65	37.29 -0.07 -0.57	37.26 0.15 -0.19
GREENIDGE___3 23582	42.06 0.95 0.00	37.94 0.26 0.00	35.03 0.07 0.00	32.87 -0.07 -0.09	32.62 -0.13 0.00	32.22 -0.10 -0.03	30.42 0.26 -1.17	30.64 0.18 -0.48	36.11 0.22 0.00	38.61 0.12 0.00	41.38 0.12 0.00	46.40 0.00 -0.17	47.25 -0.09 -1.12	50.04 0.38 -2.67	48.64 -0.23 -3.86	49.84 0.28 -3.24	50.63 0.37 -3.93	51.23 0.32 -4.68	49.94 0.46 -3.15	47.46 0.28 -1.00	43.04 0.21 -1.08	42.89 0.08 -0.65	37.29 -0.07 -0.57	37.26 0.15 -0.19
GREENIDGE___4 23583	41.61 0.50 0.00	37.95 0.27 0.00	35.03 0.07 0.00	32.84 -0.10 -0.09	32.72 -0.03 0.00	32.19 -0.13 -0.03	30.42 0.26 -1.17	30.64 0.18 -0.48	36.11 0.22 0.00	38.61 0.12 0.00	41.38 0.12 0.00	46.40 0.00 -0.17	47.25 -0.09 -1.11	50.04 0.37 -2.67	48.64 -0.22 -3.85	49.74 0.19 -3.23	50.53 0.28 -3.93	51.09 0.19 -4.68	49.98 0.51 -3.15	47.46 0.28 -1.00	43.04 0.21 -1.08	42.85 0.04 -0.65	37.33 -0.04 -0.57	37.26 0.15 -0.19
GREENLWN_69_KV_BK 3 55738	53.22 3.95 -8.16	42.43 3.54 -1.21	38.58 3.22 -0.40	36.43 3.12 -0.46	35.93 3.18 0.00	38.84 3.26 -3.29	38.36 2.93 -6.44	40.07 3.27 -6.82	40.19 3.80 -0.50	60.68 4.27 -17.92	47.60 4.08 -2.26	51.30 5.04 -0.03	57.30 4.67 -6.41	54.96 5.08 -2.89	92.61 5.18 -42.43	102.81 5.51 -50.97	92.98 5.61 -41.05	65.97 5.46 -14.29	53.32 5.42 -1.58	43.52 4.99 7.65	47.91 4.51 -1.65	48.40 4.00 -2.24	44.77 4.27 -3.70	40.98 4.25 0.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03
GRISSOM___SOLAR 323813	47.28 6.17 0.00	43.26 5.58 0.00	39.99 5.04 0.00	38.89 4.66 -1.37	37.47 4.72 0.00	37.25 4.68 -0.28	43.10 4.32 -9.79	38.47 4.47 -4.01	41.27 5.38 0.00	44.11 5.62 0.00	47.24 5.98 0.00	54.46 6.80 -1.43	62.04 6.70 -9.11	75.24 6.53 -21.72	81.89 5.94 -30.94	78.51 6.11 -26.07	84.95 6.53 -32.09	91.22 6.70 -38.29	79.81 7.13 -26.35	61.43 6.88 -8.37	57.03 6.22 -9.06	54.08 6.45 -5.47	46.67 5.37 -4.50	43.47 4.98 -1.56
GROVEVILLE___HYD 323602	44.32 3.21 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.84 2.53 -0.46	35.37 2.62 0.00	35.12 2.65 -0.19	37.80 2.35 -6.47	35.18 2.55 -2.65	38.80 2.91 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.70 4.48 -0.99	57.13 4.53 -6.37	67.12 4.79 -15.33	72.11 4.59 -22.51	70.11 5.00 -18.78	73.76 5.00 -22.43	77.67 4.81 -26.64	68.41 4.68 -17.40	56.05 4.34 -5.53	51.62 3.88 -5.98	49.52 3.75 -3.61	42.86 3.09 -2.97	40.98 3.03 -1.03
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.44 0.33 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.62 -0.13 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.23 -1.41	46.96 -0.09 -2.04	48.13 0.09 -1.71	48.55 0.14 -2.08	48.75 0.05 -2.48	48.04 0.05 -1.67	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.40	36.88 -0.15 -0.10
HAMLTNNY_34_KV_TB 80303	41.61 0.49 0.00	37.87 0.19 0.00	35.06 0.10 0.00	32.89 0.00 -0.04	32.72 -0.03 0.00	32.24 -0.06 -0.02	29.59 -0.06 -0.66	30.19 -0.06 -0.27	35.93 0.04 0.00	38.53 0.04 0.00	41.34 0.08 0.00	46.51 0.18 -0.10	47.00 0.14 -0.63	48.87 0.38 -1.50	47.22 0.05 -2.17	48.42 0.28 -1.82	48.81 0.28 -2.21	49.09 0.23 -2.63	48.28 0.19 -1.77	46.84 0.09 -0.56	42.40 0.04 -0.61	42.48 -0.04 -0.37	37.06 -0.15 -0.42	36.99 -0.04 -0.11
HAMPSHIRE___PAPER_HYD 323593	40.78 -0.33 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.72 -0.13 0.00	32.92 0.16 0.00	32.52 0.23 0.00	29.24 0.09 -0.16	30.14 0.09 -0.07	36.00 0.11 0.00	38.65 0.15 0.00	41.30 0.04 0.00	46.25 0.00 -0.02	46.34 -0.05 -0.16	47.13 -0.23 -0.37	45.19 -0.36 -0.54	46.27 -0.51 -0.45	46.32 -0.55 -0.55	46.38 -0.51 -0.66	46.44 -0.32 -0.44	46.23 -0.09 -0.14	41.86 -0.04 -0.15	42.42 0.17 -0.09	37.09 0.18 -0.11	37.10 0.15 -0.03
HARDSCRABBLE_WT_PWR 323673	41.20 0.08 0.00	37.83 0.15 0.00	35.06 0.11 0.00	32.95 0.10 0.00	32.85 0.10 0.00	32.38 0.10 0.00	29.08 0.09 0.00	30.07 0.09 0.00	36.00 0.11 0.00	38.61 0.12 0.00	41.42 0.17 0.00	46.32 0.09 0.00	46.28 0.05 0.00	46.76 -0.23 0.00	44.56 -0.45 0.00	45.82 -0.51 0.00	45.86 -0.46 0.00	45.77 -0.46 0.00	46.00 -0.32 0.00	45.81 -0.37 0.00	41.46 -0.29 0.00	41.94 -0.21 0.00	36.65 -0.15 0.00	36.81 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.95 2.84 0.00	40.20 2.52 0.00	37.27 2.31 0.00	35.51 2.23 -0.42	34.98 2.23 0.00	34.78 2.32 -0.17	37.01 2.09 -5.93	34.75 2.34 -2.43	38.58 2.69 0.00	41.42 2.93 0.00	44.47 3.22 0.00	51.26 4.11 -0.91	56.27 4.16 -5.88	65.58 4.42 -14.17	70.06 4.19 -20.87	68.35 4.63 -17.40	71.67 4.63 -20.71	75.24 4.44 -24.58	66.64 4.35 -15.96	55.27 4.02 -5.07	50.79 3.55 -5.49	48.97 3.50 -3.31	42.36 2.83 -2.73	40.64 2.77 -0.95
HARSNRAD_115KV_TB1 81005	41.24 0.12 0.00	36.29 -1.39 0.00	33.49 -1.47 0.00	31.34 -1.58 -0.06	31.31 -1.44 0.00	30.76 -1.55 -0.03	28.89 -1.01 -0.91	28.86 -1.50 -0.37	34.60 -1.29 0.00	36.88 -1.62 0.00	39.40 -1.86 0.00	44.01 -2.36 -0.14	44.65 -2.45 -0.87	47.15 -1.93 -2.08	45.40 -2.61 -3.00	46.90 -1.95 -2.52	47.58 -1.81 -3.06	47.89 -1.99 -3.65	46.83 -1.95 -2.46	44.74 -2.22 -0.78	40.59 -2.00 -0.84	40.47 -2.19 -0.51	35.71 -1.51 -0.42	36.29 -0.78 -0.15
HARZA MOOSE___RIVER 24016	42.23 1.11 0.00	38.81 1.13 0.00	35.87 0.91 0.00	33.67 0.82 0.00	33.54 0.79 0.00	33.19 0.90 -0.01	29.94 0.72 -0.23	30.80 0.72 -0.09	36.82 0.93 0.00	39.45 0.96 0.00	42.29 1.03 0.00	47.47 1.20 -0.03	47.60 1.16 -0.22	48.55 1.03 -0.52	46.43 0.68 -0.75	47.70 0.74 -0.63	47.83 0.74 -0.76	47.83 0.69 -0.91	47.96 1.02 -0.61	47.39 1.02 -0.19	42.92 0.96 -0.21	43.46 1.18 -0.13	37.85 0.92 -0.14	37.88 0.92 -0.04

HDSNBRDG_115KV_BRDG_TB1 355580	41.07 -0.04 0.00	37.49 -0.19 0.00	34.71 -0.24 0.00	32.52 -0.33 0.00	32.36 -0.39 0.00	31.88 -0.42 -0.02	29.18 -0.38 -0.56	29.82 -0.39 -0.23	35.50 -0.39 0.00	38.07 -0.42 0.00	40.84 -0.41 0.00	45.94 -0.37 -0.08	46.35 -0.42 -0.54	48.09 -0.19 -1.29	46.42 -0.45 -1.86	47.61 -0.28 -1.56	47.99 -0.23 -1.89	48.16 -0.32 -2.26	47.52 -0.32 -1.52	46.25 -0.42 -0.48	41.86 -0.42 -0.52	42.01 -0.46 -0.32	36.60 -0.52 -0.32	36.57 -0.44 -0.09
HELLGATE_13_KV_LD 55870	44.20 3.08 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.04 2.73 -0.46	35.60 2.85 0.00	35.35 2.87 -0.19	38.07 2.64 -6.44	35.60 2.97 -2.65	39.19 3.30 0.00	41.92 3.43 0.00	45.01 3.75 0.00	51.66 4.44 -0.99	56.98 4.35 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.50 5.19 -18.99	74.12 5.23 -22.56	77.94 4.95 -26.76	68.42 4.77 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	49.97 4.22 -3.60	43.40 3.64 -2.96	41.42 3.47 -1.03
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.20 3.08 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.04 2.73 -0.46	35.60 2.85 0.00	35.35 2.87 -0.19	38.07 2.64 -6.44	35.60 2.97 -2.65	39.19 3.30 0.00	41.92 3.43 0.00	45.01 3.75 0.00	51.66 4.44 -0.99	56.98 4.35 -6.41	67.23 4.79 -15.44	72.48 4.68 -22.79	70.50 5.19 -18.99	74.12 5.23 -22.56	77.94 4.95 -26.76	68.42 4.77 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	49.97 4.22 -3.60	43.40 3.64 -2.96	41.42 3.47 -1.03
HEMPSTEAD____ 23647	53.10 3.82 -8.16	42.21 3.32 -1.21	38.44 3.08 -0.40	36.27 2.96 -0.46	35.76 3.01 0.00	38.68 3.10 -3.29	38.24 2.81 -6.44	39.95 3.15 -6.82	39.98 3.59 -0.50	60.30 3.89 -17.92	48.61 4.13 -3.23	52.22 4.99 -0.99	57.45 4.81 -6.41	67.57 5.12 -15.45	96.98 5.13 -46.84	109.93 5.56 -58.05	116.59 5.51 -64.75	78.42 5.41 -26.79	68.84 5.19 -17.32	56.63 4.94 -5.50	52.35 4.51 -6.09	50.26 4.51 -3.60	45.95 3.75 -5.40	41.85 3.77 -1.16
HEWLETT_69_KV_BK3 55828	53.55 4.28 -8.16	42.66 3.77 -1.21	38.86 3.50 -0.40	36.72 3.42 -0.46	36.19 3.44 0.00	39.07 3.49 -3.29	38.56 3.13 -6.44	40.31 3.51 -6.82	40.44 4.06 -0.50	60.76 4.35 -17.92	49.15 4.66 -3.23	52.96 5.73 -0.99	58.05 5.41 -6.41	68.27 5.83 -15.45	97.65 5.81 -46.84	110.72 6.35 -58.05	117.43 6.35 -64.75	79.17 6.15 -26.79	69.67 6.02 -17.33	57.27 5.59 -5.50	52.97 5.14 -6.09	50.43 4.68 -3.60	46.54 4.34 -5.40	42.21 4.21 -1.08
HICKLING___1 23621	42.72 1.60 0.00	38.51 0.83 0.00	35.55 0.59 0.00	33.36 0.39 -0.11	33.21 0.46 0.00	32.59 0.26 -0.04	30.80 0.32 -1.49	30.86 0.27 -0.61	36.72 0.83 0.00	39.26 0.77 0.00	42.04 0.78 0.00	47.01 0.55 -0.22	48.06 0.42 -1.42	51.33 0.94 -3.39	50.18 0.27 -4.90	51.32 0.88 -4.11	52.34 1.02 -4.99	53.05 0.88 -5.95	51.30 0.97 -4.00	48.14 0.69 -1.27	43.75 0.63 -1.38	43.49 0.51 -0.83	37.81 0.29 -0.72	37.72 0.55 -0.24
HICKLING___2 23622	42.72 1.60 0.00	38.51 0.83 0.00	35.55 0.59 0.00	33.36 0.39 -0.11	33.21 0.46 0.00	32.59 0.26 -0.04	30.80 0.32 -1.49	30.86 0.27 -0.61	36.72 0.83 0.00	39.26 0.77 0.00	42.04 0.78 0.00	47.01 0.55 -0.22	48.06 0.42 -1.42	51.33 0.94 -3.39	50.18 0.27 -4.90	51.32 0.88 -4.11	52.34 1.02 -4.99	53.05 0.88 -5.95	51.30 0.97 -4.00	48.14 0.69 -1.27	43.75 0.63 -1.38	43.49 0.51 -0.83	37.81 0.29 -0.72	37.72 0.55 -0.24
HIGH FALLS___HY 23754	44.16 3.04 0.00	40.28 2.60 0.00	37.30 2.34 0.00	35.58 2.23 -0.50	35.08 2.33 0.00	34.95 2.49 -0.18	37.44 2.09 -6.36	34.96 2.37 -2.61	38.55 2.66 0.00	41.38 2.89 0.00	44.43 3.18 0.00	51.54 4.35 -0.96	56.43 4.02 -6.17	66.05 4.23 -14.82	70.59 4.14 -21.44	69.12 4.73 -18.07	72.69 4.82 -21.55	76.45 4.62 -25.59	67.93 4.49 -17.11	55.82 4.20 -5.44	51.69 4.05 -5.89	49.54 3.84 -3.55	42.70 2.98 -2.93	40.86 2.92 -1.01
HILLBURN___GT 23639	43.99 2.88 0.00	40.17 2.49 0.00	37.20 2.24 0.00	35.48 2.20 -0.43	35.01 2.26 0.00	34.78 2.33 -0.17	37.12 2.09 -6.04	34.86 2.40 -2.48	38.62 2.73 0.00	41.50 3.00 0.00	44.56 3.30 0.00	51.27 4.11 -0.93	56.39 4.16 -6.00	65.90 4.47 -14.44	70.57 4.28 -21.28	68.74 4.68 -17.74	72.06 4.63 -21.11	75.81 4.53 -25.05	67.02 4.45 -16.25	55.45 4.11 -5.16	50.97 3.63 -5.59	49.15 3.63 -3.37	42.44 2.87 -2.78	40.69 2.80 -0.96
HILLSIDE_115KV_TB1 80332	41.86 0.74 0.00	37.79 0.11 0.00	34.92 -0.03 0.00	32.80 -0.16 -0.12	32.59 -0.16 0.00	32.04 -0.29 -0.04	30.35 -0.17 -1.54	30.40 -0.21 -0.63	36.11 0.22 0.00	38.65 0.15 0.00	41.38 0.12 0.00	46.23 -0.23 -0.23	47.37 -0.32 -1.47	50.64 0.14 -3.51	49.62 -0.45 -5.07	50.71 0.14 -4.25	51.72 0.23 -5.16	52.52 0.14 -6.15	50.65 0.19 -4.14	47.45 -0.05 -1.32	43.09 -0.08 -1.42	42.80 -0.21 -0.86	37.24 -0.29 -0.74	37.06 -0.11 -0.25
HISHELDN_WT_PWR 323625	40.83 -0.29 0.00	37.23 -0.45 0.00	34.33 -0.63 0.00	32.18 -0.75 -0.08	32.13 -0.62 0.00	31.41 -0.90 -0.03	29.57 -0.49 -1.08	29.55 -0.87 -0.44	35.53 -0.36 0.00	37.87 -0.62 0.00	40.47 -0.79 0.00	45.10 -1.29 -0.16	45.87 -1.39 -1.02	48.60 -0.84 -2.45	46.97 -1.58 -3.54	48.37 -0.93 -2.97	49.01 -0.93 -3.61	49.42 -1.11 -4.30	48.48 -0.74 -2.89	45.99 -1.11 -0.92	41.74 -1.00 -1.00	41.49 -1.26 -0.60	36.48 -0.81 -0.49	36.76 -0.33 -0.17
HOLTSVILLE_IC_1 23690	54.00 4.73 -8.16	43.04 4.14 -1.21	39.14 3.78 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.12 4.69 -17.93	54.23 4.66 -8.31	56.87 5.36 -5.28	57.78 5.13 -6.42	123.61 5.36 -71.26	116.85 5.40 -66.44	141.63 5.79 -89.52	222.23 5.79 -170.11	134.32 5.73 -82.35	139.20 5.56 -87.32	115.51 5.35 -63.97	72.63 4.88 -25.99	56.74 4.97 -9.62	55.57 4.49 -14.29	51.12 4.58 -9.62
HOLTSVILLE_IC_10 23699	54.37 5.10 -8.16	43.34 4.44 -1.21	39.41 4.05 -0.40	37.05 3.74 -0.46	36.55 3.80 0.00	39.55 3.97 -3.29	38.96 3.54 -6.44	40.64 3.84 -6.82	40.87 4.49 -0.50	61.50 5.08 -17.93	55.01 5.11 -8.64	57.61 5.82 -5.55	58.24 5.59 -6.42	127.74 5.87 -74.87	118.61 5.89 -67.71	144.18 6.30 -91.56	229.55 6.30 -176.92	138.42 6.24 -85.95	144.23 6.07 -91.84	119.75 5.82 -67.75	74.38 5.35 -27.28	57.60 5.44 -10.01	56.51 4.86 -14.86	52.03 4.91 -10.19
HOLTSVILLE_IC_2 23691	54.00 4.73 -8.16	43.04 4.14 -1.21	39.14 3.78 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.12 4.69 -17.93	54.23 4.66 -8.31	56.87 5.36 -5.28	57.78 5.13 -6.42	123.61 5.36 -71.26	116.85 5.40 -66.44	141.63 5.79 -89.52	222.23 5.79 -170.11	134.32 5.73 -82.35	139.20 5.56 -87.32	115.51 5.35 -63.97	72.63 4.88 -25.99	56.74 4.97 -9.62	55.57 4.49 -14.29	51.12 4.58 -9.62
HOLTSVILLE_IC_3 23692	54.00 4.73 -8.16	43.04 4.14 -1.21	39.14 3.78 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.12 4.69 -17.93	54.23 4.66 -8.31	56.87 5.36 -5.28	57.78 5.13 -6.42	123.61 5.36 -71.26	116.85 5.40 -66.44	141.63 5.79 -89.52	222.23 5.79 -170.11	134.32 5.73 -82.35	139.20 5.56 -87.32	115.51 5.35 -63.97	72.63 4.88 -25.99	56.74 4.97 -9.62	55.57 4.49 -14.29	51.12 4.58 -9.62

HOLTSVILLE_IC_4 23693	54.00 4.73 -8.16	43.04 4.14 -1.21	39.14 3.78 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.12 4.69 -17.93	54.23 4.66 -8.31	56.87 5.36 -5.28	57.78 5.13 -6.42	123.61 5.36 -71.26	116.85 5.40 -66.44	141.63 5.79 -89.52	222.23 5.79 -170.11	134.32 5.73 -82.35	139.20 5.56 -87.32	115.51 5.35 -63.97	72.63 4.88 -25.99	56.74 4.97 -9.62	55.57 4.49 -14.29	51.12 4.58 -9.62
HOLTSVILLE_IC_5 23694	54.00 4.73 -8.16	43.04 4.14 -1.21	39.14 3.78 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.12 4.69 -17.93	54.23 4.66 -8.31	56.87 5.36 -5.28	57.78 5.13 -6.42	123.61 5.36 -71.26	116.85 5.40 -66.44	141.63 5.79 -89.52	222.23 5.79 -170.11	134.32 5.73 -82.35	139.20 5.56 -87.32	115.51 5.35 -63.97	72.63 4.88 -25.99	56.74 4.97 -9.62	55.57 4.49 -14.29	51.12 4.58 -9.62
HOLTSVILLE_IC_6 23695	54.37 5.10 -8.16	43.34 4.44 -1.21	39.41 4.05 -0.40	37.05 3.74 -0.46	36.55 3.80 0.00	39.55 3.97 -3.29	38.96 3.54 -6.44	40.64 3.84 -6.82	40.87 4.49 -0.50	61.50 5.08 -17.93	55.01 5.11 -8.64	57.61 5.82 -5.55	58.24 5.59 -6.42	127.74 5.87 -74.87	118.61 5.89 -67.71	144.18 6.30 -91.56	229.55 6.30 -176.92	138.42 6.24 -85.95	144.23 6.07 -91.84	119.75 5.82 -67.75	74.38 5.35 -27.28	57.60 5.44 -10.01	56.51 4.86 -14.86	52.03 4.91 -10.19
HOLTSVILLE_IC_7 23696	54.37 5.10 -8.16	43.34 4.44 -1.21	39.41 4.05 -0.40	37.05 3.74 -0.46	36.55 3.80 0.00	39.55 3.97 -3.29	38.96 3.54 -6.44	40.64 3.84 -6.82	40.87 4.49 -0.50	61.50 5.08 -17.93	55.01 5.11 -8.64	57.61 5.82 -5.55	58.24 5.59 -6.42	127.74 5.87 -74.87	118.61 5.89 -67.71	144.18 6.30 -91.56	229.55 6.30 -176.92	138.42 6.24 -85.95	144.23 6.07 -91.84	119.75 5.82 -67.75	74.38 5.35 -27.28	57.60 5.44 -10.01	56.51 4.86 -14.86	52.03 4.91 -10.19
HOLTSVILLE_IC_8 23697	54.37 5.10 -8.16	43.34 4.44 -1.21	39.41 4.05 -0.40	37.05 3.74 -0.46	36.55 3.80 0.00	39.55 3.97 -3.29	38.96 3.54 -6.44	40.64 3.84 -6.82	40.87 4.49 -0.50	61.50 5.08 -17.93	55.01 5.11 -8.64	57.61 5.82 -5.55	58.24 5.59 -6.42	127.74 5.87 -74.87	118.61 5.89 -67.71	144.18 6.30 -91.56	229.55 6.30 -176.92	138.42 6.24 -85.95	144.23 6.07 -91.84	119.75 5.82 -67.75	74.38 5.35 -27.28	57.60 5.44 -10.01	56.51 4.86 -14.86	52.03 4.91 -10.19
HOLTSVILLE_IC_9 23698	54.37 5.10 -8.16	43.34 4.44 -1.21	39.41 4.05 -0.40	37.05 3.74 -0.46	36.55 3.80 0.00	39.55 3.97 -3.29	38.96 3.54 -6.44	40.64 3.84 -6.82	40.87 4.49 -0.50	61.50 5.08 -17.93	55.01 5.11 -8.64	57.61 5.82 -5.55	58.24 5.59 -6.42	127.74 5.87 -74.87	118.61 5.89 -67.71	144.18 6.30 -91.56	229.55 6.30 -176.92	138.42 6.24 -85.95	144.23 6.07 -91.84	119.75 5.82 -67.75	74.38 5.35 -27.28	57.60 5.44 -10.01	56.51 4.86 -14.86	52.03 4.91 -10.19
HOMER_HL_115KV_TB2 355744	42.18 1.07 0.00	37.60 -0.08 0.00	34.64 -0.31 0.00	32.44 -0.49 -0.08	32.39 -0.36 0.00	31.25 -1.07 -0.03	29.17 -0.96 -1.14	29.37 -1.08 -0.47	36.07 0.18 0.00	38.49 0.00 0.00	41.13 -0.12 0.00	44.74 -1.66 -0.17	45.51 -1.80 -1.09	48.47 -1.13 -2.61	46.83 -1.94 -3.76	48.41 -1.07 -3.15	49.23 -0.93 -3.83	49.68 -1.11 -4.56	48.29 -1.11 -3.07	45.68 -1.48 -0.98	41.43 -1.38 -1.06	41.23 -1.56 -0.64	35.89 -1.44 -0.53	36.11 -1.00 -0.18
HOWARD_WT_PWR 323690	42.18 1.07 0.00	38.39 0.71 0.00	35.38 0.42 0.00	33.14 0.20 -0.09	33.01 0.26 0.00	32.29 -0.03 -0.04	30.47 0.23 -1.25	30.52 0.03 -0.51	36.46 0.57 0.00	38.88 0.38 0.00	41.50 0.25 0.00	46.23 -0.18 -0.19	47.05 -0.37 -1.19	50.03 0.19 -2.85	48.58 -0.54 -4.11	49.91 0.14 -3.45	50.79 0.28 -4.19	51.45 0.23 -4.99	50.33 0.65 -3.36	47.66 0.41 -1.07	43.32 0.42 -1.15	43.06 0.21 -0.70	37.69 0.29 -0.60	37.71 0.59 -0.20
HQ_GEN_CEDARS 23644	39.96 -1.15 0.00	36.85 -0.83 0.00	34.23 -0.73 0.00	32.23 -0.62 0.00	32.33 -0.43 0.00	31.93 -0.36 0.00	28.64 -0.35 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.07 -0.42 0.00	40.68 -0.58 0.00	45.40 -0.83 0.00	45.40 -0.83 0.00	45.96 -1.03 0.00	44.20 -0.81 0.00	45.17 -1.16 0.00	45.12 -1.20 0.00	45.12 -1.11 0.00	45.17 -1.16 0.00	45.30 -0.88 0.00	40.96 -0.79 0.00	41.48 -0.67 0.00	36.35 -0.44 0.00	36.44 -0.48 0.00
HQ_GEN_CEDARS_PROXY 323590	40.09 -1.03 0.00	36.85 -0.83 0.00	34.22 -0.74 0.00	32.23 -0.63 0.00	32.36 -0.39 0.00	31.93 -0.35 0.00	28.64 -0.35 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.07 -0.42 0.00	40.68 -0.58 0.00	45.44 -0.79 0.00	45.40 -0.83 0.00	45.96 -1.03 0.00	44.20 -0.81 0.00	45.21 -1.11 0.00	45.17 -1.16 0.00	45.17 -1.06 0.00	45.17 -1.16 0.00	45.30 -0.88 0.00	40.96 -0.79 0.00	42.05 -0.68 -0.57	35.78 -0.44 0.57	36.44 -0.48 0.00
HQ_GEN_IMPORT 323601	40.33 -0.78 0.00	37.00 -0.68 0.00	34.36 -0.59 0.00	32.32 -0.53 0.00	32.26 -0.49 0.00	31.83 -0.45 0.00	28.58 -0.41 0.00	29.56 -0.42 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.59 -0.66 0.00	45.35 -0.88 0.00	45.35 -0.88 0.00	45.96 -1.03 0.00	44.24 -0.77 0.00	45.35 -0.98 0.00	45.35 -0.98 0.00	45.35 -0.88 0.00	45.35 -0.98 0.00	45.35 -0.83 0.00	41.04 -0.71 0.00	42.05 -0.68 -0.57	35.71 -0.52 0.57	36.41 -0.52 0.00
HQ_GEN_WHEEL 23651	40.33 -0.78 0.00	37.00 -0.68 0.00	34.36 -0.59 0.00	32.32 -0.53 0.00	32.26 -0.49 0.00	31.83 -0.45 0.00	28.58 -0.41 0.00	29.56 -0.42 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.59 -0.66 0.00	45.35 -0.88 0.00	45.35 -0.88 0.00	45.96 -1.03 0.00	44.24 -0.77 0.00	45.35 -0.98 0.00	45.35 -0.98 0.00	45.35 -0.88 0.00	45.35 -0.98 0.00	45.35 -0.83 0.00	41.04 -0.71 0.00	42.05 -0.68 -0.57	35.71 -0.52 0.57	36.41 -0.52 0.00
HUDSON_AVE_GT_3 23810	44.24 3.12 0.00	40.58 2.90 0.00	37.62 2.66 0.00	35.97 2.66 -0.46	35.50 2.75 0.00	35.28 2.81 -0.19	38.01 2.58 -6.44	35.56 2.94 -2.64	39.16 3.27 0.00	42.03 3.54 0.00	45.09 3.84 0.00	51.98 4.76 -0.99	57.35 4.72 -6.41	67.51 5.08 -15.44	72.75 4.95 -22.79	70.78 5.47 -18.98	74.35 5.47 -22.56	78.26 5.27 -26.76	68.74 5.10 -17.32	56.39 4.71 -5.50	51.96 4.26 -5.95	50.01 4.26 -3.60	43.36 3.61 -2.96	41.38 3.43 -1.03
HUDSON_AVE_GT_4 23540	44.24 3.12 0.00	40.58 2.90 0.00	37.62 2.66 0.00	35.97 2.66 -0.46	35.50 2.75 0.00	35.28 2.81 -0.19	38.01 2.58 -6.44	35.56 2.94 -2.64	39.16 3.27 0.00	42.03 3.54 0.00	45.09 3.84 0.00	51.98 4.76 -0.99	57.35 4.72 -6.41	67.51 5.08 -15.44	72.75 4.95 -22.79	70.78 5.47 -18.98	74.35 5.47 -22.56	78.26 5.27 -26.76	68.74 5.10 -17.32	56.39 4.71 -5.50	51.96 4.26 -5.95	50.01 4.26 -3.60	43.36 3.61 -2.96	41.38 3.43 -1.03
HUDSON_AVE_GT_5 23657	44.24 3.12 0.00	40.58 2.90 0.00	37.62 2.66 0.00	35.97 2.66 -0.46	35.50 2.75 0.00	35.28 2.81 -0.19	38.01 2.58 -6.44	35.56 2.94 -2.64	39.16 3.27 0.00	42.03 3.54 0.00	45.09 3.84 0.00	51.98 4.76 -0.99	57.35 4.72 -6.41	67.51 5.08 -15.44	72.75 4.95 -22.79	70.78 5.47 -18.98	74.35 5.47 -22.56	78.26 5.27 -26.76	68.74 5.10 -17.32	56.39 4.71 -5.50	51.96 4.26 -5.95	50.01 4.26 -3.60	43.36 3.61 -2.96	41.38 3.43 -1.03

HUDSON_AVE_10 24168	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.87 2.56 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.09 3.19 0.00	41.96 3.46 0.00	45.01 3.75 0.00	51.89 4.67 -0.99	57.26 4.62 -6.41	67.42 4.98 -15.44	72.66 4.86 -22.79	70.68 5.37 -18.98	74.26 5.37 -22.56	78.17 5.18 -26.76	68.65 5.00 -17.32	56.30 4.62 -5.50	51.88 4.18 -5.95	49.92 4.17 -3.60	43.32 3.57 -2.96	41.35 3.40 -1.03
HUDSON___115KV_TB 4 355613	43.34 2.22 0.00	39.94 2.26 0.00	37.06 2.10 0.00	35.63 1.91 -0.88	34.55 1.80 0.00	34.23 1.71 -0.23	38.44 1.45 -8.00	34.73 1.47 -3.28	37.61 1.72 0.00	40.38 1.89 0.00	43.32 2.06 0.00	49.20 1.80 -1.17	55.54 1.90 -7.41	66.54 1.88 -17.66	71.42 1.85 -24.56	69.16 1.67 -21.17	73.74 1.95 -25.47	78.59 2.03 -30.33	69.63 1.81 -21.50	54.78 1.75 -6.84	50.70 1.54 -7.41	48.44 1.81 -4.47	42.20 1.73 -3.68	40.08 1.88 -1.28
HUNTER MOUNT___DRP 323613	43.71 2.59 0.00	40.28 2.60 0.00	37.34 2.38 0.00	35.72 2.07 -0.80	34.82 2.06 0.00	34.41 1.90 -0.22	38.26 1.54 -7.74	34.71 1.56 -3.17	37.76 1.87 0.00	40.53 2.04 0.00	43.44 2.19 0.00	49.08 1.71 -1.14	55.35 1.90 -7.23	66.03 1.79 -17.25	70.80 1.94 -23.85	68.55 1.48 -20.74	72.85 1.99 -24.53	77.46 2.08 -29.15	68.71 1.62 -20.76	54.36 1.57 -6.61	50.29 1.38 -7.16	48.21 1.73 -4.32	42.05 1.69 -3.56	39.97 1.81 -1.23
HUNTINGTON_RES_REC 323705	53.92 4.64 -8.16	42.88 3.99 -1.21	39.00 3.64 -0.40	36.72 3.42 -0.46	36.22 3.47 0.00	39.19 3.62 -3.29	38.67 3.25 -6.44	40.37 3.57 -6.82	40.59 4.20 -0.50	61.18 4.73 -17.96	57.70 4.66 -11.79	63.50 5.50 -11.78	57.85 5.18 -6.45	208.45 5.59 -155.86	146.80 5.63 -96.16	189.53 5.98 -137.22	382.10 5.98 -329.79	218.78 5.97 -166.58	245.47 5.74 -193.40	204.27 5.49 -152.59	101.95 4.97 -55.23	66.09 5.18 -18.76	61.91 4.60 -20.51	64.13 4.62 -22.59
HUNTLEY___63 23557	41.81 0.70 0.00	37.00 -0.68 0.00	34.16 -0.80 0.00	32.00 -0.92 -0.07	31.93 -0.82 0.00	31.38 -0.94 -0.03	29.41 -0.52 -0.95	29.32 -1.05 -0.39	35.21 -0.68 0.00	37.57 -0.92 0.00	40.10 -1.16 0.00	44.61 -1.76 -0.14	45.24 -1.27 -0.90	47.88 -1.27 -2.16	46.10 -2.03 -3.12	47.64 -1.30 -2.61	48.30 -1.20 -3.18	48.58 -1.43 -3.78	47.44 -1.44 -2.55	45.23 -1.75 -0.81	41.08 -1.54 -0.88	41.08 -1.60 -0.53	36.02 -1.21 -0.44	36.67 -0.41 -0.15
HUNTLEY___64 23558	41.81 0.70 0.00	37.00 -0.68 0.00	34.16 -0.80 0.00	32.00 -0.92 -0.07	31.93 -0.82 0.00	31.38 -0.94 -0.03	29.41 -0.52 -0.95	29.32 -1.05 -0.39	35.21 -0.68 0.00	37.57 -0.92 0.00	40.10 -1.16 0.00	44.61 -1.76 -0.14	45.24 -1.27 -0.90	47.88 -1.27 -2.16	46.10 -2.03 -3.12	47.64 -1.30 -2.61	48.30 -1.20 -3.18	48.58 -1.43 -3.78	47.44 -1.44 -2.55	45.23 -1.75 -0.81	41.08 -1.54 -0.88	41.08 -1.60 -0.53	36.02 -1.21 -0.44	36.67 -0.41 -0.15
HUNTLEY___65 23559	41.81 0.70 0.00	37.00 -0.68 0.00	34.16 -0.80 0.00	32.00 -0.92 -0.07	31.93 -0.82 0.00	31.38 -0.94 -0.03	29.41 -0.52 -0.95	29.32 -1.05 -0.39	35.21 -0.68 0.00	37.57 -0.92 0.00	40.10 -1.16 0.00	44.61 -1.76 -0.14	45.24 -1.27 -0.90	47.88 -1.27 -2.16	46.10 -2.03 -3.12	47.64 -1.30 -2.61	48.30 -1.20 -3.18	48.58 -1.43 -3.78	47.44 -1.44 -2.55	45.23 -1.75 -0.81	41.08 -1.54 -0.88	41.08 -1.60 -0.53	36.02 -1.21 -0.44	36.67 -0.41 -0.15
HUNTLEY___66 23560	41.81 0.70 0.00	37.00 -0.68 0.00	34.16 -0.80 0.00	32.00 -0.92 -0.07	31.93 -0.82 0.00	31.38 -0.94 -0.03	29.41 -0.52 -0.95	29.32 -1.05 -0.39	35.21 -0.68 0.00	37.57 -0.92 0.00	40.10 -1.16 0.00	44.61 -1.76 -0.14	45.24 -1.27 -0.90	47.88 -1.27 -2.16	46.10 -2.03 -3.12	47.64 -1.30 -2.61	48.30 -1.20 -3.18	48.58 -1.43 -3.78	47.44 -1.44 -2.55	45.23 -1.75 -0.81	41.08 -1.54 -0.88	41.08 -1.60 -0.53	36.02 -1.21 -0.44	36.67 -0.41 -0.15
HUNTLEY___67 23561	41.57 0.45 0.00	36.74 -0.94 0.00	33.91 -1.05 0.00	31.77 -1.15 -0.07	31.70 -1.05 0.00	31.12 -1.19 -0.03	29.23 -0.72 -0.97	29.21 -1.17 -0.40	35.07 -0.83 0.00	37.38 -1.12 0.00	39.94 -1.32 0.00	44.52 -1.85 -0.14	45.25 -1.90 -0.92	47.88 -1.32 -2.20	46.16 -2.03 -3.18	47.65 -1.34 -2.67	48.36 -1.20 -3.24	48.70 -1.39 -3.86	47.58 -1.34 -2.60	45.30 -1.71 -0.83	41.10 -1.54 -0.89	40.97 -1.73 -0.54	35.84 -1.40 -0.44	36.41 -0.66 -0.15
HUNTLEY___68 23562	41.57 0.45 0.00	36.74 -0.94 0.00	33.91 -1.05 0.00	31.77 -1.15 -0.07	31.70 -1.05 0.00	31.12 -1.19 -0.03	29.23 -0.72 -0.97	29.21 -1.17 -0.40	35.07 -0.83 0.00	37.38 -1.12 0.00	39.94 -1.32 0.00	44.52 -1.85 -0.14	45.25 -1.90 -0.92	47.88 -1.32 -2.20	46.16 -2.03 -3.18	47.65 -1.34 -2.67	48.36 -1.20 -3.24	48.70 -1.39 -3.86	47.58 -1.34 -2.60	45.30 -1.71 -0.83	41.10 -1.54 -0.89	40.97 -1.73 -0.54	35.84 -1.40 -0.44	36.41 -0.66 -0.15
HYLAND___LFGE 323620	41.98 0.86 0.00	38.02 0.34 0.00	35.06 0.11 0.00	32.80 -0.13 -0.07	32.69 -0.07 0.00	32.19 -0.13 -0.03	30.08 0.06 -1.04	29.96 -0.45 -0.42	35.17 -0.72 0.00	36.34 -2.15 0.00	38.12 -3.14 0.00	42.83 -3.56 -0.15	43.52 -3.70 -0.99	45.78 -3.57 -2.36	44.55 -3.87 -3.41	45.76 -3.43 -2.86	46.88 -2.92 -3.48	48.06 -2.31 -4.14	48.14 -0.98 -2.79	47.11 0.05 -0.89	43.04 0.33 -0.96	42.99 0.25 -0.58	38.67 1.40 -0.48	38.83 1.74 -0.17
INDECK___CORINTH 23802	43.83 2.71 0.00	40.13 2.45 0.00	37.20 2.24 0.00	36.43 2.10 -1.47	34.85 2.10 0.00	34.60 2.07 -0.25	39.50 1.91 -8.59	35.48 1.98 -3.52	38.37 2.47 0.00	41.19 2.69 0.00	43.94 2.68 0.00	50.47 3.00 -1.24	56.92 2.82 -7.87	68.24 2.54 -18.71	73.59 2.16 -26.42	70.74 2.09 -22.33	76.22 2.18 -27.72	81.52 2.17 -33.12	72.18 2.73 -23.12	56.06 2.54 -7.35	52.08 2.38 -7.95	49.69 2.74 -4.80	43.03 2.28 -3.95	40.32 2.03 -1.37
INDECK___ILION 23567	41.28 0.16 0.00	37.87 0.19 0.00	35.10 0.14 0.00	32.98 0.13 0.00	32.82 0.07 0.00	32.45 0.16 0.00	29.16 0.17 0.00	30.16 0.18 0.00	36.11 0.22 0.00	38.72 0.23 0.00	41.50 0.25 0.00	46.55 0.32 0.00	46.51 0.28 0.00	47.18 0.19 0.00	45.05 0.05 0.00	46.37 0.05 0.00	46.37 0.05 0.00	46.28 0.05 0.00	46.46 0.14 0.00	46.27 0.09 0.00	41.88 0.13 0.00	42.32 0.17 0.00	36.91 0.11 0.00	37.07 0.15 0.00
INDECK___OLEAN 23982	41.24 0.12 0.00	37.60 -0.08 0.00	34.64 -0.32 0.00	32.44 -0.49 -0.08	32.42 -0.33 0.00	31.06 -1.26 -0.03	29.17 -0.96 -1.14	29.37 -1.08 -0.47	36.04 0.14 0.00	38.49 0.00 0.00	41.13 -0.12 0.00	44.74 -1.66 -0.17	45.51 -1.80 -1.09	48.47 -1.13 -2.60	46.83 -1.93 -3.76	48.32 -1.16 -3.15	49.00 -1.16 -3.83	49.45 -1.34 -4.56	48.33 -1.06 -3.07	45.68 -1.48 -0.98	41.43 -1.38 -1.06	41.19 -1.60 -0.64	35.96 -1.36 -0.52	36.11 -1.00 -0.18
INDECK___OSWEGO 23783	40.21 -0.90 0.00	36.89 -0.79 0.00	34.44 -0.52 0.00	32.29 -0.56 0.00	32.13 -0.62 0.00	31.62 -0.68 -0.01	28.85 -0.61 -0.47	29.52 -0.66 -0.19	35.17 -0.72 0.00	37.37 -1.12 0.00	40.02 -1.24 0.00	45.01 -1.29 -0.07	45.39 -1.29 -0.45	46.90 -1.17 -1.08	45.22 -1.35 -1.56	46.33 -1.30 -1.31	46.62 -1.30 -1.59	46.78 -1.34 -1.89	46.35 -1.25 -1.27	45.24 -1.34 -0.40	40.98 -1.21 -0.44	41.19 -1.22 -0.26	36.13 -1.14 -0.48	35.93 -1.07 -0.08

INDECK___YERKES 23781	40.58 -0.54 0.00	36.96 -0.72 0.00	34.12 -0.84 0.00	32.03 -0.89 -0.07	31.97 -0.79 0.00	31.41 -0.90 -0.03	29.44 -0.49 -0.95	29.38 -0.99 -0.39	35.25 -0.65 0.00	37.61 -0.88 0.00	40.14 -1.11 0.00	44.61 -1.76 -0.14	45.23 -1.90 -0.90	47.88 -1.27 -2.16	46.10 -2.02 -3.11	47.50 -1.44 -2.61	48.06 -1.44 -3.17	48.34 -1.66 -3.78	47.52 -1.34 -2.54	45.23 -1.75 -0.81	41.08 -1.54 -0.87	41.04 -1.64 -0.53	36.20 -1.03 -0.43	36.71 -0.37 -0.15
INDIAN POINT_GT_1 24139	43.79 2.67 0.00	40.17 2.49 0.00	37.23 2.27 0.00	35.54 2.23 -0.45	35.08 2.33 0.00	34.86 2.39 -0.18	37.51 2.17 -6.35	35.01 2.43 -2.60	38.69 2.80 0.00	41.53 3.04 0.00	44.56 3.30 0.00	51.42 4.21 -0.98	56.76 4.21 -6.32	66.73 4.51 -15.23	71.84 4.37 -22.47	69.86 4.82 -18.72	73.34 4.77 -22.25	77.25 4.62 -26.39	67.95 4.54 -17.09	55.81 4.20 -5.43	51.34 3.72 -5.87	49.33 3.63 -3.55	42.77 3.05 -2.92	40.82 2.88 -1.01
INDIAN POINT_GT_2 23659	43.79 2.67 0.00	40.17 2.49 0.00	37.23 2.27 0.00	35.54 2.23 -0.45	35.08 2.33 0.00	34.86 2.39 -0.18	37.51 2.17 -6.35	35.01 2.43 -2.60	38.69 2.80 0.00	41.53 3.04 0.00	44.56 3.30 0.00	51.42 4.21 -0.98	56.76 4.21 -6.32	66.73 4.51 -15.23	71.84 4.37 -22.47	69.86 4.82 -18.72	73.34 4.77 -22.25	77.25 4.62 -26.39	67.95 4.54 -17.09	55.81 4.20 -5.43	51.34 3.72 -5.87	49.33 3.63 -3.55	42.77 3.05 -2.92	40.82 2.88 -1.01
INDIAN POINT_GT_3 24019	43.79 2.67 0.00	40.17 2.49 0.00	37.23 2.27 0.00	35.54 2.23 -0.45	35.08 2.33 0.00	34.86 2.39 -0.18	37.51 2.17 -6.35	35.01 2.43 -2.60	38.69 2.80 0.00	41.53 3.04 0.00	44.56 3.30 0.00	51.42 4.21 -0.98	56.76 4.21 -6.32	66.73 4.51 -15.23	71.84 4.37 -22.47	69.86 4.82 -18.72	73.34 4.77 -22.25	77.25 4.62 -26.39	67.95 4.54 -17.09	55.81 4.20 -5.43	51.34 3.72 -5.87	49.33 3.63 -3.55	42.77 3.05 -2.92	40.82 2.88 -1.01
INDIAN POINT___2 23530	43.95 2.83 0.00	40.13 2.45 0.00	37.20 2.24 0.00	35.50 2.20 -0.44	35.01 2.26 0.00	34.79 2.32 -0.18	37.34 2.12 -6.24	34.94 2.40 -2.56	38.62 2.73 0.00	41.46 2.96 0.00	44.51 3.26 0.00	51.21 4.02 -0.96	56.50 4.07 -6.20	66.31 4.32 -14.95	71.23 4.19 -22.04	69.28 4.59 -18.36	72.70 4.54 -21.83	76.62 4.48 -25.91	67.46 4.35 -16.79	55.58 4.06 -5.33	51.15 3.63 -5.77	49.22 3.58 -3.49	42.54 2.87 -2.87	40.72 2.80 -0.99
INDIAN POINT___3 23531	43.75 2.63 0.00	40.09 2.41 0.00	37.16 2.20 0.00	35.50 2.20 -0.45	35.01 2.26 0.00	34.79 2.32 -0.18	37.46 2.12 -6.35	34.96 2.37 -2.60	38.62 2.73 0.00	41.42 2.93 0.00	44.47 3.22 0.00	51.28 4.07 -0.98	56.58 4.02 -6.32	66.56 4.32 -15.24	71.63 4.14 -22.48	69.69 4.63 -18.73	73.17 4.59 -22.26	77.08 4.44 -26.41	67.78 4.35 -17.10	55.63 4.02 -5.43	51.22 3.59 -5.88	49.20 3.50 -3.55	42.66 2.94 -2.92	40.74 2.81 -1.01
INGHAM_C_115KV_TB7 356103	41.07 -0.04 0.00	37.68 0.00 0.00	34.96 0.00 0.00	32.85 0.00 0.00	32.56 -0.20 0.00	32.28 0.00 0.00	28.99 0.00 0.00	29.98 0.00 0.00	35.86 -0.04 0.00	38.49 0.00 0.00	41.26 0.00 0.00	46.18 -0.05 0.00	46.14 -0.09 0.00	46.67 -0.33 0.00	44.51 -0.50 0.00	45.77 -0.56 0.00	45.77 -0.56 0.00	45.68 -0.55 0.00	45.91 -0.42 0.00	45.72 -0.46 0.00	41.42 -0.33 0.00	41.90 -0.25 0.00	36.57 -0.22 0.00	36.74 -0.18 0.00
IP CORINTH___1 23988	43.99 2.88 0.00	40.36 2.68 0.00	37.41 2.45 0.00	36.62 2.30 -1.47	35.08 2.33 0.00	34.79 2.26 -0.25	39.67 2.09 -8.59	35.66 2.16 -3.52	38.58 2.69 0.00	41.42 2.93 0.00	44.18 2.93 0.00	50.75 3.28 -1.24	57.19 3.10 -7.87	68.52 2.82 -18.71	73.86 2.43 -26.42	71.01 2.36 -22.33	76.55 2.50 -27.72	81.80 2.45 -33.12	72.46 3.01 -23.13	56.30 2.77 -7.35	52.33 2.63 -7.95	49.95 2.99 -4.80	43.25 2.50 -3.95	40.55 2.25 -1.37
IP___TICONDEROGA 23804	46.95 5.84 0.00	43.03 5.35 0.00	39.89 4.93 0.00	38.78 4.47 -1.46	37.11 4.36 0.00	36.96 4.42 -0.25	41.63 4.06 -8.58	37.73 4.23 -3.52	41.20 5.31 0.00	44.30 5.81 0.00	47.49 6.23 0.00	54.36 6.89 -1.24	60.73 6.66 -7.85	71.95 6.30 -18.66	76.89 5.54 -26.34	73.96 5.37 -22.26	79.59 5.61 -27.66	84.87 5.59 -33.05	75.63 6.21 -23.09	59.33 5.82 -7.34	54.99 5.30 -7.94	52.68 5.73 -4.79	45.60 4.86 -3.95	42.76 4.47 -1.37
ISLIP_RES_REC 323679	54.70 5.43 -8.16	43.64 4.75 -1.21	39.66 4.30 -0.40	37.28 3.97 -0.46	36.78 4.03 0.00	39.77 4.20 -3.29	39.19 3.77 -6.44	40.88 4.08 -6.82	41.16 4.77 -0.50	61.85 5.43 -17.93	55.30 5.49 -8.56	57.66 6.29 -5.15	58.70 6.05 -6.42	122.95 6.39 -69.57	117.24 6.39 -65.85	141.70 6.81 -88.56	220.05 6.81 -166.91	133.65 6.75 -80.67	138.09 6.58 -85.19	114.70 6.33 -62.20	72.95 5.72 -25.48	57.41 5.82 -9.44	56.65 5.15 -14.70	51.53 5.21 -9.40
JAMAICA__27_KV_LOAD 355505	44.65 3.54 0.00	40.88 3.20 0.00	37.86 2.90 0.00	36.13 2.83 -0.46	35.70 2.95 0.00	35.51 3.03 -0.19	38.27 2.84 -6.44	35.89 3.27 -2.64	39.56 3.66 -0.01	42.46 3.96 -0.01	45.42 4.17 0.00	52.45 5.22 -0.99	57.86 5.22 -6.41	68.03 5.59 -15.44	73.24 5.45 -22.79	71.35 6.02 -19.00	74.92 6.02 -22.57	78.83 5.82 -26.77	69.30 5.65 -17.32	56.95 5.26 -5.50	52.47 4.76 -5.95	50.43 4.68 -3.60	43.84 4.08 -2.96	41.83 3.88 -1.03
JANIS___SOLAR 323808	43.54 2.43 0.00	39.94 2.26 0.00	36.81 1.85 0.00	34.67 1.67 -0.14	34.42 1.67 0.00	33.94 1.61 -0.05	31.91 1.36 -1.56	31.97 1.35 -0.64	37.61 1.72 0.00	40.23 1.73 0.00	43.03 1.77 0.00	48.36 1.90 -0.23	49.52 1.80 -1.49	52.48 1.93 -3.56	51.41 1.26 -5.14	52.30 1.67 -4.31	53.28 1.72 -5.24	54.13 1.66 -6.24	52.80 2.27 -4.20	49.69 2.17 -1.33	45.24 2.05 -1.44	45.13 2.11 -0.87	39.26 1.69 -0.77	38.91 1.74 -0.25
JARVIS____ 23743	41.32 0.21 0.00	37.87 0.19 0.00	35.13 0.18 0.00	33.02 0.17 0.00	32.88 0.13 0.00	32.41 0.13 0.00	29.16 0.17 0.00	30.16 0.18 0.00	36.11 0.22 0.00	38.72 0.23 0.00	41.50 0.25 0.00	46.56 0.33 0.00	46.56 0.33 0.00	47.33 0.33 0.00	45.23 0.23 0.00	46.60 0.28 0.00	46.60 0.28 0.00	46.46 0.23 0.00	46.65 0.33 0.00	46.46 0.28 0.00	42.00 0.25 0.00	42.41 0.25 0.00	36.98 0.18 0.00	37.11 0.19 0.00
JENNISON___1 23625	44.03 2.92 0.00	40.28 2.60 0.00	37.16 2.20 0.00	35.10 2.04 -0.21	34.68 1.93 0.00	34.34 2.00 -0.06	32.61 1.65 -1.96	32.50 1.71 -0.80	38.19 2.30 0.00	40.96 2.46 0.00	43.90 2.64 0.00	49.48 2.96 -0.29	51.01 2.91 -1.87	54.34 2.87 -4.48	53.63 2.16 -6.46	54.30 2.55 -5.42	55.56 2.64 -6.59	56.53 2.45 -7.85	54.44 2.83 -5.28	50.49 2.63 -1.68	45.99 2.42 -1.82	45.82 2.57 -1.10	39.80 2.06 -0.94	39.38 2.14 -0.31
JENNISON___2 23626	44.03 2.92 0.00	40.28 2.60 0.00	37.16 2.20 0.00	35.10 2.04 -0.21	34.68 1.93 0.00	34.34 2.00 -0.06	32.61 1.65 -1.96	32.50 1.71 -0.80	38.19 2.30 0.00	40.96 2.46 0.00	43.90 2.64 0.00	49.48 2.96 -0.29	51.01 2.91 -1.87	54.34 2.87 -4.48	53.63 2.16 -6.46	54.30 2.55 -5.42	55.56 2.64 -6.59	56.53 2.45 -7.85	54.44 2.83 -5.28	50.49 2.63 -1.68	45.99 2.42 -1.82	45.82 2.57 -1.10	39.80 2.06 -0.94	39.38 2.14 -0.31

JERICO_RISE_WT_PWR 323719	39.55 -1.56 0.00	36.47 -1.21 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.44 -0.55 0.00	29.41 -0.57 0.00	35.21 -0.68 0.00	37.84 -0.65 0.00	40.23 -1.03 0.00	44.75 -1.48 0.00	44.75 -1.48 0.00	45.30 -1.69 0.00	43.66 -1.35 0.00	44.61 -1.71 0.00	44.56 -1.76 0.00	44.57 -1.66 0.00	44.52 -1.81 0.00	44.66 -1.52 0.00	40.41 -1.34 0.00	40.97 -1.18 0.00	36.36 -0.44 0.00	36.44 -0.48 0.00
KATONAH__115KV_46KV_TB4 355592	44.08 2.96 0.00	40.39 2.71 0.00	37.44 2.48 0.00	35.75 2.43 -0.47	35.37 2.62 0.00	35.15 2.68 -0.19	38.00 2.46 -6.54	35.30 2.64 -2.68	38.98 3.09 0.00	41.92 3.43 0.00	45.01 3.75 0.00	52.23 4.99 -1.01	57.68 4.95 -6.51	68.08 5.40 -15.68	73.40 5.27 -23.13	71.29 5.70 -19.27	74.70 5.47 -22.91	78.73 5.32 -27.19	69.22 5.28 -17.61	56.67 4.90 -5.59	52.11 4.30 -6.06	49.82 4.00 -3.66	43.23 3.42 -3.01	41.22 3.25 -1.04
KCE_NY_1 323755	44.12 3.00 0.00	40.43 2.75 0.00	37.48 2.52 0.00	36.70 2.40 -1.45	35.11 2.36 0.00	34.89 2.36 -0.25	39.70 2.15 -8.56	35.68 2.19 -3.51	38.55 2.66 0.00	41.34 2.85 0.00	44.27 3.01 0.00	50.89 3.42 -1.24	57.42 3.37 -7.82	68.98 3.39 -18.60	74.26 3.02 -26.23	71.51 3.01 -22.17	77.00 3.10 -27.57	82.22 3.05 -32.94	72.66 3.29 -23.05	56.64 3.14 -7.32	52.52 2.84 -7.92	49.93 2.99 -4.79	43.27 2.54 -3.94	40.69 2.40 -1.37
KCE_NY_6_ESR 323823	40.91 -0.20 0.00	37.34 -0.34 0.00	34.44 -0.52 0.00	32.23 -0.69 -0.07	32.23 -0.53 0.00	31.41 -0.90 -0.03	29.53 -0.46 -1.01	29.53 -0.87 -0.41	35.64 -0.25 0.00	38.03 -0.46 0.00	40.59 -0.66 0.00	45.09 -1.29 -0.15	45.76 -1.43 -0.96	48.54 -0.75 -2.30	46.80 -1.53 -3.32	48.23 -0.88 -2.79	48.88 -0.83 -3.38	49.20 -1.06 -4.03	48.25 -0.79 -2.71	45.84 -1.20 -0.86	41.60 -1.09 -0.93	41.37 -1.35 -0.56	36.38 -0.88 -0.46	36.75 -0.33 -0.16
KEDC_PORT_JEFF_GT2 24210	54.21 4.93 -8.16	43.19 4.29 -1.21	39.28 3.91 -0.40	36.92 3.61 -0.46	36.42 3.67 0.00	39.42 3.84 -3.29	38.88 3.45 -6.44	40.52 3.72 -6.82	40.77 4.38 -0.50	61.35 4.93 -17.93	54.97 4.87 -8.85	57.74 5.41 -6.11	57.69 5.04 -6.42	134.34 5.26 -82.09	120.61 5.35 -70.24	147.55 5.60 -95.62	242.47 5.60 -190.54	144.95 5.59 -93.13	152.58 5.37 -100.89	126.75 5.26 -75.31	76.35 4.84 -29.75	58.00 5.06 -10.79	56.71 4.67 -15.24	52.98 4.77 -11.29
KEDC_PORT_JEFF_GT3 24211	54.21 4.93 -8.16	43.19 4.29 -1.21	39.28 3.91 -0.40	36.92 3.61 -0.46	36.42 3.67 0.00	39.42 3.84 -3.29	38.88 3.45 -6.44	40.52 3.72 -6.82	40.77 4.38 -0.50	61.35 4.93 -17.93	54.97 4.87 -8.85	57.74 5.41 -6.11	57.69 5.04 -6.42	134.34 5.26 -82.09	120.61 5.35 -70.24	147.55 5.60 -95.62	242.47 5.60 -190.54	144.95 5.59 -93.13	152.58 5.37 -100.89	126.75 5.26 -75.31	76.35 4.84 -29.75	58.00 5.06 -10.79	56.71 4.67 -15.24	52.98 4.77 -11.29
KEDC_GLWD_GT4 24219	52.85 3.58 -8.16	42.21 3.32 -1.21	38.40 3.04 -0.40	36.27 2.96 -0.46	35.76 3.01 0.00	38.68 3.10 -3.29	38.24 2.81 -6.44	39.95 3.15 -6.82	40.01 3.62 -0.50	60.11 3.70 -17.92	48.53 4.05 -3.23	52.17 4.95 -0.99	57.49 4.85 -6.41	67.66 5.22 -15.45	96.98 5.13 -46.84	109.93 5.56 -58.05	116.59 5.51 -64.75	78.42 5.41 -26.79	68.88 5.23 -17.32	56.58 4.89 -5.50	52.26 4.42 -6.09	50.14 4.38 -3.60	45.77 3.57 -5.40	41.63 3.55 -1.16
KEDC_GLWD_GT5 24220	52.85 3.58 -8.16	42.21 3.32 -1.21	38.40 3.04 -0.40	36.27 2.96 -0.46	35.76 3.01 0.00	38.68 3.10 -3.29	38.24 2.81 -6.44	39.95 3.15 -6.82	40.01 3.62 -0.50	60.11 3.70 -17.92	48.53 4.05 -3.23	52.17 4.95 -0.99	57.49 4.85 -6.41	67.66 5.22 -15.45	96.98 5.13 -46.84	109.93 5.56 -58.05	116.59 5.51 -64.75	78.42 5.41 -26.79	68.88 5.23 -17.32	56.58 4.89 -5.50	52.26 4.42 -6.09	50.14 4.38 -3.60	45.77 3.57 -5.40	41.63 3.55 -1.16
KENSICO____ 23655	43.95 2.84 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.67 2.37 -0.46	35.21 2.46 0.00	34.99 2.52 -0.19	37.70 2.29 -6.42	35.19 2.58 -2.63	38.83 2.94 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.61 4.39 -0.99	56.97 4.35 -6.39	67.05 4.65 -15.40	72.23 4.50 -22.72	70.26 5.00 -18.93	73.78 4.96 -22.50	77.73 4.81 -26.69	68.27 4.68 -17.27	56.01 4.34 -5.49	51.57 3.88 -5.94	49.53 3.79 -3.59	42.95 3.20 -2.95	40.98 3.03 -1.02
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.24 3.12 0.00	40.39 2.71 0.00	37.41 2.45 0.00	35.63 2.33 -0.45	35.11 2.36 0.00	34.97 2.52 -0.17	37.06 2.15 -5.93	34.81 2.40 -2.43	38.55 2.66 0.00	41.42 2.93 0.00	44.43 3.18 0.00	51.38 4.25 -0.90	55.85 3.84 -5.78	64.93 4.04 -13.89	69.15 3.96 -20.18	67.78 4.49 -16.96	71.14 4.59 -20.23	74.70 4.44 -24.03	66.58 4.31 -15.95	55.27 4.02 -5.07	51.20 3.97 -5.49	49.26 3.79 -3.31	42.50 2.98 -2.73	40.79 2.92 -0.95
KIAC_JFK_GT1 23816	44.45 3.33 0.00	40.69 3.01 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.60 2.85 0.00	35.38 2.91 -0.19	38.15 2.73 -6.44	35.77 3.15 -2.64	39.42 3.52 -0.01	42.31 3.81 -0.01	45.26 4.00 0.00	52.22 4.99 -0.99	57.63 4.99 -6.41	67.80 5.36 -15.44	73.02 5.22 -22.79	71.12 5.79 -19.00	74.69 5.79 -22.57	78.59 5.59 -26.77	69.06 5.42 -17.32	56.67 4.99 -5.50	52.26 4.55 -5.95	50.22 4.47 -3.60	43.65 3.90 -2.96	41.64 3.69 -1.03
KIAC_JFK_GT2 23817	44.45 3.33 0.00	40.69 3.01 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.60 2.85 0.00	35.38 2.91 -0.19	38.15 2.73 -6.44	35.77 3.15 -2.64	39.42 3.52 -0.01	42.31 3.81 -0.01	45.26 4.00 0.00	52.22 4.99 -0.99	57.63 4.99 -6.41	67.80 5.36 -15.44	73.02 5.22 -22.79	71.12 5.79 -19.00	74.69 5.79 -22.57	78.59 5.59 -26.77	69.06 5.42 -17.32	56.67 4.99 -5.50	52.26 4.55 -5.95	50.22 4.47 -3.60	43.65 3.90 -2.96	41.64 3.69 -1.03
KIAC_JFK____ 323774	44.69 3.58 0.00	40.73 3.05 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.57 2.82 0.00	35.38 2.91 -0.19	38.15 2.72 -6.44	35.77 3.15 -2.64	39.42 3.52 -0.01	42.31 3.81 -0.01	45.26 4.00 0.00	52.17 4.95 -0.99	57.63 4.99 -6.41	67.79 5.36 -15.44	73.01 5.22 -22.79	70.97 5.65 -19.00	74.55 5.65 -22.57	78.55 5.55 -26.77	69.06 5.42 -17.32	56.67 4.99 -5.50	52.26 4.55 -5.95	50.26 4.51 -3.60	43.55 3.79 -2.96	41.64 3.69 -1.03
KINTIGH____ 23543	41.16 0.04 0.00	36.55 -1.13 0.00	33.77 -1.19 0.00	31.63 -1.28 -0.06	31.57 -1.18 0.00	31.21 -1.10 -0.02	29.21 -0.61 -0.83	29.33 -0.99 -0.34	34.89 -1.00 0.00	37.22 -1.27 0.00	39.81 -1.44 0.00	44.87 -1.48 -0.12	45.50 -1.53 -0.79	47.86 -1.03 -1.90	46.04 -1.71 -2.74	47.51 -1.11 -2.30	48.10 -1.02 -2.79	48.40 -1.16 -3.33	47.45 -1.11 -2.24	45.51 -1.39 -0.71	41.27 -1.25 -0.77	41.19 -1.43 -0.47	36.04 -1.14 -0.38	36.54 -0.52 -0.13
KNTFSRNC_46_KV_46KV_LOAD 80397	39.06 -2.06 0.00	36.55 -1.13 0.00	34.05 -0.91 0.00	32.06 -0.79 0.00	32.29 -0.46 0.00	31.80 -0.48 0.00	28.53 -0.46 0.00	29.50 -0.48 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.14 -1.11 0.00	44.47 -1.76 0.00	44.52 -1.71 0.00	45.11 -1.88 0.00	43.34 -1.67 0.00	44.29 -2.04 0.00	44.24 -2.08 0.00	44.24 -1.99 0.00	44.29 -2.04 0.00	44.47 -1.71 0.00	40.33 -1.42 0.00	41.02 -1.14 0.00	36.79 0.00 0.00	36.85 -0.07 0.00

LACHUTE___HYDRO 323717	46.95 5.84 0.00	43.03 5.35 0.00	39.82 4.86 0.00	38.78 4.47 -1.46	37.24 4.49 0.00	36.92 4.39 -0.25	41.63 4.06 -8.58	37.73 4.23 -3.52	41.20 5.31 0.00	44.30 5.81 0.00	47.49 6.23 0.00	54.36 6.89 -1.24	60.74 6.66 -7.85	71.96 6.30 -18.66	76.88 5.53 -26.34	73.91 5.33 -22.26	79.54 5.56 -27.66	84.87 5.59 -33.05	75.63 6.21 -23.09	59.33 5.82 -7.34	54.99 5.30 -7.94	52.68 5.73 -4.79	45.60 4.86 -3.95	42.76 4.47 -1.37
LAWRNCV_115KV_TB1 80681	39.51 -1.60 0.00	36.51 -1.17 0.00	33.91 -1.05 0.00	31.96 -0.89 0.00	32.26 -0.49 0.00	31.93 -0.36 0.00	28.61 -0.38 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.49 -0.74 0.00	45.49 -0.74 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.07 -1.25 0.00	44.98 -1.34 0.00	44.94 -1.29 0.00	45.12 -1.20 0.00	45.26 -0.92 0.00	40.92 -0.84 0.00	41.48 -0.67 0.00	36.37 -0.44 -0.02	36.41 -0.52 0.00
LEDERLE___ 23769	43.99 2.88 0.00	40.28 2.60 0.00	37.34 2.38 0.00	35.62 2.33 -0.43	35.11 2.36 0.00	34.91 2.45 -0.18	37.31 2.20 -6.12	35.01 2.52 -2.51	38.76 2.87 0.00	41.61 3.12 0.00	44.68 3.42 0.00	51.52 4.35 -0.94	56.65 4.35 -6.08	66.29 4.65 -14.65	71.05 4.46 -21.59	69.27 4.96 -17.99	72.64 4.91 -21.40	76.34 4.72 -25.39	67.42 4.63 -16.47	55.70 4.29 -5.23	51.21 3.80 -5.66	49.28 3.71 -3.42	42.70 3.09 -2.81	40.85 2.95 -0.98
LIGHTHSE_115KV_TB6 355974	41.32 0.21 0.00	37.79 0.11 0.00	35.03 0.07 0.00	32.85 0.00 0.00	32.69 -0.07 0.00	32.26 -0.03 -0.01	29.31 -0.12 -0.44	30.01 -0.15 -0.18	35.78 -0.11 0.00	38.26 -0.23 0.00	40.97 -0.29 0.00	46.06 -0.23 -0.07	46.33 -0.32 -0.42	47.77 -0.23 -1.01	45.92 -0.54 -1.45	47.08 -0.46 -1.22	47.30 -0.51 -1.48	47.48 -0.51 -1.76	47.19 -0.32 -1.19	46.23 -0.32 -0.38	41.95 -0.21 -0.41	42.32 -0.08 -0.25	36.92 -0.22 -0.34	36.85 -0.15 -0.07
LINDEN COGEN___ 23786	36.57 2.96 7.51	36.24 2.56 4.01	36.14 2.34 1.16	35.67 2.37 -0.46	35.24 2.49 0.00	34.99 2.52 -0.19	36.23 2.29 -4.95	35.32 2.70 -2.64	36.55 2.87 2.22	39.28 3.12 2.33	37.86 3.47 6.86	39.32 4.30 11.21	41.80 4.30 8.73	52.39 4.61 -0.79	58.28 4.50 -8.77	57.45 4.91 -6.22	62.04 4.86 -10.86	64.94 4.76 -13.95	55.46 4.63 -4.50	42.22 4.25 8.21	41.06 3.88 4.57	41.80 3.92 4.28	40.91 3.16 -0.95	38.92 3.10 1.10
LINDHRST_69_KV_BK1 356055	54.09 4.81 -8.16	43.19 4.30 -1.21	39.28 3.92 -0.40	37.02 3.71 -0.46	36.45 3.70 0.00	39.45 3.87 -3.29	38.91 3.48 -6.44	40.61 3.81 -6.82	40.84 4.45 -0.50	61.34 4.93 -17.92	50.89 5.12 -4.52	53.56 5.96 -1.37	58.33 5.69 -6.41	73.31 5.97 -20.35	99.56 5.99 -48.56	113.72 6.58 -60.81	126.95 6.62 -74.00	84.32 6.43 -31.67	76.14 6.35 -23.47	62.77 5.96 -10.64	55.20 5.43 -8.02	51.21 4.93 -4.13	49.28 4.86 -7.63	43.67 4.76 -1.99
LIPA_MISC_IPP 23656	53.92 4.65 -8.16	43.15 4.26 -1.21	39.31 3.95 -0.40	36.95 3.65 -0.46	36.39 3.64 0.00	39.52 3.94 -3.29	38.85 3.42 -6.44	40.46 3.66 -6.82	40.66 4.27 -0.50	61.27 4.85 -17.93	54.54 4.91 -8.37	57.29 5.73 -5.33	58.10 5.46 -6.42	124.70 5.73 -71.97	117.46 5.76 -66.69	142.54 6.30 -89.92	224.11 6.35 -171.44	135.48 6.19 -83.06	140.74 6.21 -88.20	116.62 5.73 -64.71	73.21 5.22 -26.24	56.61 4.76 -9.69	55.94 4.75 -14.39	51.38 4.73 -9.73
LISF___SOLAR 323691	54.25 4.97 -8.16	43.30 4.41 -1.21	39.41 4.05 -0.40	36.99 3.68 -0.46	36.48 3.73 0.00	39.52 3.94 -3.29	38.93 3.51 -6.44	40.52 3.72 -6.82	40.77 4.38 -0.50	61.39 4.97 -17.93	54.68 4.99 -8.43	57.39 5.78 -5.38	58.19 5.55 -6.42	125.51 5.87 -72.64	117.83 5.89 -66.93	142.97 6.35 -90.30	225.43 6.39 -172.71	136.29 6.33 -83.73	141.58 6.21 -89.04	117.51 5.91 -65.41	73.62 5.39 -26.48	57.40 5.48 -9.77	56.07 4.78 -14.50	51.60 4.84 -9.84
LITTLE FALLS___HYD 24013	41.07 -0.04 0.00	37.68 0.00 0.00	34.96 0.00 0.00	32.85 0.00 0.00	32.56 -0.20 0.00	32.28 0.00 0.00	28.99 0.00 0.00	29.98 0.00 0.00	35.86 -0.04 0.00	38.49 0.00 0.00	41.26 0.00 0.00	46.18 -0.05 0.00	46.14 -0.09 0.00	46.67 -0.33 0.00	44.51 -0.50 0.00	45.77 -0.56 0.00	45.77 -0.56 0.00	45.68 -0.55 0.00	45.91 -0.42 0.00	45.72 -0.46 0.00	41.42 -0.33 0.00	41.90 -0.25 0.00	36.57 -0.22 0.00	36.74 -0.18 0.00
LITTLRIV_115KV_TB1 356100	39.96 -1.15 0.00	36.96 -0.72 0.00	34.30 -0.66 0.00	32.33 -0.53 0.00	32.59 -0.16 0.00	32.28 0.00 0.00	28.87 -0.12 0.00	29.86 -0.12 0.00	35.78 -0.11 0.00	38.49 0.00 0.00	41.13 -0.12 0.00	45.95 -0.28 0.00	45.95 -0.28 0.00	46.34 -0.66 0.00	44.47 -0.54 0.00	45.40 -0.93 0.00	45.31 -1.02 0.00	45.26 -0.97 0.00	45.49 -0.83 0.00	45.63 -0.55 0.00	41.29 -0.46 0.00	41.90 -0.25 0.00	36.74 -0.07 -0.02	36.78 -0.15 0.00
LI_NEWBRDGE___DRP 323616	52.85 3.58 -8.16	42.10 3.20 -1.21	38.33 2.97 -0.40	36.20 2.89 -0.46	35.67 2.91 0.00	38.61 3.03 -3.29	38.12 2.70 -6.44	39.83 3.03 -6.82	39.87 3.48 -0.50	60.22 3.81 -17.92	48.41 3.92 -3.23	52.03 4.81 -0.99	57.12 4.48 -6.41	67.24 4.79 -15.45	96.71 4.86 -46.84	109.70 5.33 -58.05	116.45 5.37 -64.75	78.20 5.18 -26.79	68.75 5.10 -17.33	56.39 4.71 -5.50	52.14 4.30 -6.09	49.59 3.84 -3.60	45.99 3.79 -5.40	41.69 3.73 -1.04
LOCKPORT_115KV_TB60_63_64 80432	41.40 0.29 0.00	36.40 -1.28 0.00	33.56 -1.40 0.00	31.44 -1.48 -0.06	31.41 -1.34 0.00	30.86 -1.45 -0.03	28.97 -0.93 -0.91	28.94 -1.41 -0.37	34.71 -1.18 0.00	36.99 -1.50 0.00	39.52 -1.73 0.00	44.15 -2.22 -0.13	44.78 -2.31 -0.86	47.32 -1.74 -2.06	45.51 -2.48 -2.98	47.02 -1.81 -2.50	47.65 -1.71 -3.04	48.00 -1.85 -3.62	46.91 -1.85 -2.44	44.88 -2.08 -0.77	40.71 -1.88 -0.84	40.59 -2.07 -0.51	35.74 -1.47 -0.42	36.37 -0.70 -0.14
LOCKPORT___CC1 323769	39.76 -1.36 0.00	36.36 -1.32 0.00	33.60 -1.36 0.00	31.34 -1.58 -0.06	31.47 -1.28 0.00	30.76 -1.55 -0.03	28.89 -1.02 -0.91	28.86 -1.50 -0.37	34.60 -1.29 0.00	36.88 -1.62 0.00	39.36 -1.90 0.00	44.06 -2.31 -0.14	44.65 -2.45 -0.87	47.19 -1.88 -2.08	45.40 -2.61 -3.00	46.76 -2.08 -2.52	47.30 -2.08 -3.06	47.61 -2.26 -3.64	46.92 -1.85 -2.45	44.74 -2.22 -0.78	40.59 -2.00 -0.84	40.39 -2.28 -0.51	35.85 -1.36 -0.42	36.29 -0.78 -0.15
LOCKPORT___CC2 323770	39.76 -1.36 0.00	36.36 -1.32 0.00	33.60 -1.36 0.00	31.34 -1.58 -0.06	31.47 -1.28 0.00	30.76 -1.55 -0.03	28.89 -1.02 -0.91	28.86 -1.50 -0.37	34.60 -1.29 0.00	36.88 -1.62 0.00	39.36 -1.90 0.00	44.06 -2.31 -0.14	44.65 -2.45 -0.87	47.19 -1.88 -2.08	45.40 -2.61 -3.00	46.76 -2.08 -2.52	47.30 -2.08 -3.06	47.61 -2.26 -3.64	46.92 -1.85 -2.45	44.74 -2.22 -0.78	40.59 -2.00 -0.84	40.39 -2.28 -0.51	35.85 -1.36 -0.42	36.29 -0.78 -0.15
LOCKPORT___CC3 323771	39.76 -1.36 0.00	36.36 -1.32 0.00	33.60 -1.36 0.00	31.34 -1.58 -0.06	31.47 -1.28 0.00	30.76 -1.55 -0.03	28.89 -1.02 -0.91	28.86 -1.50 -0.37	34.60 -1.29 0.00	36.88 -1.62 0.00	39.36 -1.90 0.00	44.06 -2.31 -0.14	44.65 -2.45 -0.87	47.19 -1.88 -2.08	45.40 -2.61 -3.00	46.76 -2.08 -2.52	47.30 -2.08 -3.06	47.61 -2.26 -3.64	46.92 -1.85 -2.45	44.74 -2.22 -0.78	40.59 -2.00 -0.84	40.39 -2.28 -0.51	35.85 -1.36 -0.42	36.29 -0.78 -0.15

LONG_LAKE_PHOENIX 24014	40.95 -0.16 0.00	37.42 -0.26 0.00	34.68 -0.28 0.00	32.52 -0.33 0.00	32.33 -0.43 0.00	31.85 -0.45 -0.01	29.07 -0.41 -0.49	29.73 -0.45 -0.20	35.42 -0.47 0.00	37.91 -0.58 0.00	40.68 -0.58 0.00	45.75 -0.55 -0.07	46.10 -0.60 -0.47	47.69 -0.42 -1.12	45.95 -0.68 -1.62	47.12 -0.56 -1.36	47.46 -0.51 -1.65	47.64 -0.55 -1.96	47.09 -0.56 -1.32	46.00 -0.60 -0.42	41.62 -0.58 -0.45	41.84 -0.59 -0.27	36.59 -0.63 -0.42	36.45 -0.55 -0.08
LOVETT___3 23632	43.66 2.55 0.00	40.02 2.34 0.00	37.09 2.13 0.00	35.39 2.10 -0.44	34.91 2.16 0.00	34.69 2.23 -0.18	37.17 2.03 -6.15	34.81 2.31 -2.52	38.51 2.62 0.00	41.34 2.85 0.00	44.39 3.14 0.00	51.15 3.98 -0.95	56.32 3.98 -6.11	66.00 4.28 -14.73	70.78 4.05 -21.72	68.96 4.54 -18.10	72.39 4.54 -21.53	76.12 4.35 -25.54	67.15 4.26 -16.56	55.36 3.93 -5.26	50.95 3.51 -5.69	49.01 3.41 -3.44	42.46 2.83 -2.83	40.60 2.70 -0.98
LOVETT___4 23642	43.66 2.55 0.00	40.02 2.34 0.00	37.09 2.13 0.00	35.39 2.10 -0.44	34.91 2.16 0.00	34.69 2.23 -0.18	37.17 2.03 -6.15	34.81 2.31 -2.52	38.51 2.62 0.00	41.34 2.85 0.00	44.39 3.14 0.00	51.15 3.98 -0.95	56.32 3.98 -6.11	66.00 4.28 -14.73	70.78 4.05 -21.72	68.96 4.54 -18.10	72.39 4.54 -21.53	76.12 4.35 -25.54	67.15 4.26 -16.56	55.36 3.93 -5.26	50.95 3.51 -5.69	49.01 3.41 -3.44	42.46 2.83 -2.83	40.60 2.70 -0.98
LOVETT___5 23593	43.66 2.55 0.00	40.02 2.34 0.00	37.09 2.13 0.00	35.39 2.10 -0.44	34.91 2.16 0.00	34.69 2.23 -0.18	37.17 2.03 -6.15	34.81 2.31 -2.52	38.51 2.62 0.00	41.34 2.85 0.00	44.39 3.14 0.00	51.15 3.98 -0.95	56.32 3.98 -6.11	66.00 4.28 -14.73	70.78 4.05 -21.72	68.96 4.54 -18.10	72.39 4.54 -21.53	76.12 4.35 -25.54	67.15 4.26 -16.56	55.36 3.93 -5.26	50.95 3.51 -5.69	49.01 3.41 -3.44	42.46 2.83 -2.83	40.60 2.70 -0.98
LOWER RAQUET___HYD 24057	39.55 -1.56 0.00	36.40 -1.28 0.00	33.77 -1.19 0.00	31.90 -0.95 0.00	32.26 -0.49 0.00	31.90 -0.39 0.00	28.58 -0.41 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.49 -0.74 0.00	45.49 -0.74 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.08 -1.25 0.00	44.98 -1.34 0.00	44.94 -1.29 0.00	45.03 -1.30 0.00	45.21 -0.97 0.00	40.87 -0.88 0.00	41.48 -0.68 0.00	36.37 -0.44 -0.02	36.41 -0.52 0.00
LOWER___HUDSON 24059	43.33 2.22 0.00	39.75 2.07 0.00	36.88 1.92 0.00	36.02 1.87 -1.30	34.55 1.80 0.00	34.30 1.77 -0.24	39.00 1.62 -8.39	35.04 1.62 -3.44	37.79 1.90 0.00	40.53 2.04 0.00	43.40 2.14 0.00	49.88 2.45 -1.20	56.25 2.45 -7.57	67.49 2.54 -17.96	72.46 2.29 -25.16	69.96 2.32 -21.32	75.37 2.36 -26.68	80.50 2.36 -31.92	71.35 2.45 -22.57	55.66 2.31 -7.17	51.60 2.09 -7.76	48.99 2.15 -4.69	42.53 1.88 -3.86	40.03 1.77 -1.34
LOWVILLE_115KV_TB2 356335	42.14 1.03 0.00	38.74 1.06 0.00	35.80 0.84 0.00	33.64 0.79 0.00	33.54 0.79 0.00	33.19 0.90 -0.01	29.92 0.70 -0.24	30.77 0.69 -0.10	36.75 0.86 0.00	39.34 0.85 0.00	42.08 0.83 0.00	47.24 0.97 -0.04	47.38 0.92 -0.22	48.33 0.80 -0.54	46.24 0.45 -0.78	47.44 0.46 -0.65	47.58 0.46 -0.79	47.63 0.46 -0.94	47.79 0.83 -0.63	47.31 0.92 -0.20	42.85 0.88 -0.22	43.42 1.14 -0.13	37.87 0.92 -0.15	37.85 0.89 -0.04
LUTHERFT_115KV_GLOB_FND_222 355753	44.03 2.92 0.00	40.39 2.71 0.00	37.48 2.52 0.00	36.67 2.37 -1.45	35.11 2.36 0.00	34.86 2.32 -0.25	39.67 2.12 -8.56	35.65 2.16 -3.51	38.51 2.62 0.00	41.30 2.81 0.00	44.27 3.01 0.00	50.89 3.42 -1.24	57.43 3.37 -7.82	68.93 3.34 -18.60	74.21 2.97 -26.23	71.51 3.01 -22.18	77.00 3.10 -27.57	82.22 3.05 -32.94	72.61 3.24 -23.05	56.59 3.09 -7.32	52.47 2.80 -7.92	49.89 2.95 -4.79	43.24 2.50 -3.94	40.65 2.36 -1.37
LUTHERNY_35_KV_BK2 355980	44.08 2.96 0.00	40.43 2.75 0.00	37.51 2.55 0.00	36.70 2.40 -1.45	35.14 2.39 0.00	34.89 2.36 -0.25	39.70 2.15 -8.56	35.68 2.19 -3.51	38.55 2.66 0.00	41.34 2.85 0.00	44.27 3.01 0.00	50.89 3.42 -1.24	57.43 3.37 -7.82	68.98 3.38 -18.60	74.26 3.02 -26.23	71.51 3.01 -22.18	77.04 3.15 -27.57	82.27 3.10 -32.94	72.66 3.29 -23.05	56.64 3.14 -7.32	52.51 2.84 -7.92	49.93 2.99 -4.79	43.27 2.54 -3.94	40.69 2.40 -1.37
LWR___OSWEGATCHIE_HYD 23850	40.75 -0.37 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.72 -0.13 0.00	32.88 0.13 0.00	32.52 0.23 0.00	29.25 0.09 -0.17	30.14 0.09 -0.07	36.00 0.11 0.00	38.65 0.15 0.00	41.30 0.04 0.00	46.26 0.00 -0.03	46.35 -0.05 -0.16	47.15 -0.23 -0.39	45.22 -0.36 -0.57	46.29 -0.51 -0.48	46.35 -0.56 -0.58	46.36 -0.55 -0.69	46.46 -0.32 -0.46	46.23 -0.09 -0.15	41.87 -0.04 -0.16	42.42 0.17 -0.10	37.10 0.18 -0.12	37.10 0.15 -0.03
LYONS_FALL_HYD 23570	42.18 1.07 0.00	38.81 1.13 0.00	35.87 0.91 0.00	33.67 0.82 0.00	33.67 0.92 0.00	33.19 0.90 -0.01	29.93 0.73 -0.21	30.79 0.72 -0.09	36.82 0.93 0.00	39.45 0.96 0.00	42.29 1.03 0.00	47.42 1.16 -0.03	47.59 1.16 -0.20	48.51 1.03 -0.48	46.38 0.68 -0.70	47.65 0.74 -0.59	47.78 0.74 -0.71	47.77 0.69 -0.85	47.91 1.02 -0.57	47.38 1.01 -0.18	42.91 0.96 -0.20	43.45 1.18 -0.12	37.84 0.92 -0.13	37.88 0.92 -0.03
MADISON___COUNTY_LFGE 323628	42.55 1.44 0.00	39.00 1.32 0.00	36.04 1.08 0.00	33.80 0.95 0.00	33.57 0.82 0.00	33.23 0.94 -0.01	30.12 0.75 -0.37	30.92 0.78 -0.15	36.90 1.00 0.00	39.57 1.08 0.00	42.45 1.20 0.00	47.67 1.39 -0.06	48.02 1.43 -0.35	49.25 1.41 -0.85	47.22 0.99 -1.23	48.51 1.16 -1.03	48.73 1.16 -1.25	48.78 1.06 -1.49	48.58 1.25 -1.00	47.70 1.20 -0.32	43.22 1.13 -0.34	43.58 1.22 -0.21	37.96 0.96 -0.21	37.94 0.96 -0.06
MALONE___115KV_TB1 356076	39.55 -1.56 0.00	36.74 -0.94 0.00	34.19 -0.77 0.00	32.19 -0.66 0.00	32.42 -0.33 0.00	32.03 -0.26 0.00	28.73 -0.26 0.00	29.71 -0.27 0.00	35.64 -0.25 0.00	38.30 -0.19 0.00	40.76 -0.50 0.00	45.35 -0.88 0.00	45.40 -0.83 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.07 -1.25 0.00	44.98 -1.34 0.00	44.98 -1.25 0.00	45.07 -1.25 0.00	45.26 -0.92 0.00	40.92 -0.84 0.00	41.48 -0.67 0.00	36.65 -0.15 0.00	36.70 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	43.17 2.06 0.00	39.75 2.07 0.00	36.88 1.92 0.00	35.89 1.87 -1.17	34.49 1.74 0.00	34.27 1.74 -0.24	38.93 1.57 -8.37	35.00 1.59 -3.43	37.76 1.87 0.00	40.49 2.00 0.00	43.44 2.19 0.00	49.89 2.45 -1.21	56.34 2.45 -7.66	67.70 2.49 -18.21	72.97 2.25 -25.71	70.37 2.32 -21.73	75.67 2.36 -26.99	80.83 2.36 -32.25	71.22 2.36 -22.53	55.60 2.26 -7.16	51.50 2.00 -7.75	48.94 2.11 -4.68	42.52 1.88 -3.85	40.03 1.77 -1.33
MAPLE RIDGE_WT_1 323574	40.50 -0.62 0.00	37.19 -0.49 0.00	34.58 -0.38 0.00	32.49 -0.36 0.00	32.42 -0.33 0.00	31.99 -0.29 0.00	28.73 -0.26 0.00	29.74 -0.24 0.00	35.60 -0.29 0.00	38.18 -0.31 0.00	40.88 -0.37 0.00	45.72 -0.51 0.00	45.72 -0.51 0.00	46.43 -0.56 0.00	44.51 -0.49 0.00	45.77 -0.55 0.00	45.72 -0.60 0.00	45.63 -0.60 0.00	45.72 -0.60 0.00	45.63 -0.55 0.00	41.29 -0.46 0.00	41.69 -0.46 0.00	36.46 -0.33 0.00	36.55 -0.37 0.00

MAPLE_RIDGE_WT_2 323611	40.50 -0.62 0.00	37.19 -0.49 0.00	34.58 -0.38 0.00	32.49 -0.36 0.00	32.42 -0.33 0.00	31.99 -0.29 0.00	28.73 -0.26 0.00	29.74 -0.24 0.00	35.60 -0.29 0.00	38.18 -0.31 0.00	40.88 -0.37 0.00	45.72 -0.51 0.00	45.72 -0.51 0.00	46.43 -0.56 0.00	44.51 -0.49 0.00	45.77 -0.55 0.00	45.72 -0.60 0.00	45.63 -0.60 0.00	45.72 -0.60 0.00	45.63 -0.55 0.00	41.29 -0.46 0.00	41.69 -0.46 0.00	36.46 -0.33 0.00	36.55 -0.37 0.00
MARBLE_RIVER_WT_PWR 323696	39.51 -1.60 0.00	36.47 -1.21 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.47 -0.52 0.00	29.41 -0.57 0.00	35.25 -0.65 0.00	37.84 -0.65 0.00	40.14 -1.11 0.00	44.66 -1.57 0.00	44.66 -1.57 0.00	45.26 -1.74 0.00	43.52 -1.48 0.00	44.47 -1.85 0.00	44.42 -1.90 0.00	44.43 -1.80 0.00	44.42 -1.90 0.00	44.52 -1.66 0.00	40.33 -1.42 0.00	40.93 -1.22 0.00	36.43 -0.37 0.00	36.55 -0.37 0.00
MARSHVLE_115KV_TB1 80742	45.56 4.44 0.00	41.64 3.96 0.00	38.53 3.57 0.00	37.45 3.32 -1.28	36.22 3.47 0.00	35.91 3.33 -0.30	42.37 3.04 -10.33	37.37 3.15 -4.24	39.73 3.84 0.00	42.53 4.04 0.00	45.63 4.37 0.00	52.78 5.04 -1.52	60.87 4.99 -9.64	74.98 4.98 -23.01	82.30 4.46 -32.84	78.66 4.68 -27.65	85.21 4.91 -33.98	91.70 4.95 -40.53	79.32 5.19 -27.81	60.05 5.03 -8.83	55.86 4.55 -9.56	52.61 4.68 -5.77	45.41 3.86 -4.75	42.23 3.66 -1.65
MARSH_HILL_WT_PWR 323713	42.14 1.03 0.00	38.36 0.68 0.00	35.34 0.39 0.00	33.11 0.17 -0.09	33.01 0.26 0.00	32.29 -0.03 -0.04	30.43 0.20 -1.23	30.52 0.03 -0.50	36.46 0.57 0.00	38.84 0.35 0.00	41.50 0.25 0.00	46.23 -0.18 -0.18	47.03 -0.37 -1.17	49.99 0.19 -2.81	48.52 -0.54 -4.05	49.87 0.14 -3.40	50.69 0.23 -4.13	51.34 0.19 -4.92	50.24 0.60 -3.31	47.60 0.37 -1.05	43.27 0.37 -1.14	43.05 0.21 -0.69	37.68 0.29 -0.59	37.71 0.59 -0.20
MCINTYRE_115KV_TB2 80467	40.29 -0.82 0.00	37.27 -0.41 0.00	34.54 -0.42 0.00	32.56 -0.30 0.00	32.78 0.03 0.00	32.41 0.13 0.00	28.99 0.00 0.00	29.95 -0.03 0.00	35.86 -0.04 0.00	38.57 0.08 0.00	41.21 -0.04 0.00	46.00 -0.23 0.00	46.00 -0.23 0.00	46.38 -0.61 0.00	44.51 -0.50 0.00	45.44 -0.88 0.00	45.35 -0.97 0.00	45.35 -0.88 0.00	45.58 -0.74 0.00	45.81 -0.37 0.00	41.42 -0.33 0.00	42.07 -0.08 0.00	36.83 0.04 0.00	36.89 -0.04 0.00
MECO____69_KV_BK1 80468	47.32 6.21 0.00	43.26 5.58 0.00	40.03 5.07 0.00	38.89 4.66 -1.37	36.88 4.13 0.00	37.25 4.68 -0.28	43.10 4.32 -9.79	38.46 4.47 -4.01	41.27 5.38 0.00	44.11 5.62 0.00	47.24 5.98 0.00	54.46 6.80 -1.43	62.04 6.70 -9.11	75.24 6.53 -21.72	81.89 5.94 -30.94	78.51 6.11 -26.07	84.99 6.58 -32.09	91.31 6.80 -38.29	79.81 7.13 -26.35	61.43 6.88 -8.37	57.03 6.22 -9.06	54.08 6.45 -5.47	46.67 5.37 -4.50	43.47 4.98 -1.56
MENANDS__115KV_TB5 355628	42.68 1.56 0.00	39.38 1.70 0.00	36.53 1.57 0.00	35.53 1.58 -1.10	34.16 1.41 0.00	33.91 1.39 -0.24	38.56 1.25 -8.32	34.65 1.26 -3.41	37.33 1.44 0.00	40.03 1.54 0.00	42.95 1.69 0.00	49.28 1.85 -1.20	55.68 1.85 -7.60	66.99 1.93 -18.07	72.20 1.71 -25.48	69.63 1.76 -21.54	74.91 1.81 -26.78	79.99 1.76 -32.00	70.47 1.76 -22.39	54.95 1.66 -7.11	50.95 1.50 -7.70	48.36 1.56 -4.65	42.06 1.43 -3.83	39.65 1.40 -1.33
MG INDUSTRY__DRP 24185	42.84 1.73 0.00	39.45 1.77 0.00	36.64 1.68 0.00	35.34 1.64 -0.84	34.26 1.51 0.00	34.00 1.49 -0.23	38.42 1.33 -8.10	34.62 1.32 -3.32	37.40 1.51 0.00	40.11 1.62 0.00	43.07 1.82 0.00	48.29 0.88 -1.18	54.67 0.92 -7.52	65.80 0.89 -17.92	70.59 0.72 -24.87	68.56 0.74 -21.49	72.80 0.74 -25.73	77.59 0.74 -30.62	68.86 0.79 -21.75	53.84 0.74 -6.92	49.91 0.67 -7.49	48.20 1.52 -4.52	42.10 1.58 -3.72	39.77 1.55 -1.29
MID__OSWEGATCHIE_HYD 23849	40.75 -0.37 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.72 -0.13 0.00	32.88 0.13 0.00	32.52 0.23 0.00	29.25 0.09 -0.17	30.14 0.09 -0.07	36.00 0.11 0.00	38.65 0.15 0.00	41.30 0.04 0.00	46.26 0.00 -0.03	46.35 -0.05 -0.16	47.15 -0.23 -0.39	45.22 -0.36 -0.57	46.29 -0.51 -0.48	46.35 -0.56 -0.58	46.36 -0.55 -0.69	46.46 -0.32 -0.46	46.23 -0.09 -0.15	41.87 -0.04 -0.16	42.42 0.17 -0.10	37.10 0.18 -0.12	37.10 0.15 -0.03
MID__RAQUETTE_HYD 23851	39.39 -1.73 0.00	36.40 -1.28 0.00	33.77 -1.19 0.00	31.90 -0.95 0.00	32.23 -0.52 0.00	31.90 -0.39 0.00	28.58 -0.41 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.49 -0.74 0.00	45.49 -0.74 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.03 -1.30 0.00	44.94 -1.39 0.00	44.89 -1.34 0.00	45.07 -1.25 0.00	45.21 -0.97 0.00	40.87 -0.88 0.00	41.44 -0.72 0.00	36.37 -0.44 -0.02	36.41 -0.52 0.00
MILLIKEN__1 23584	42.55 1.44 0.00	38.77 1.09 0.00	35.83 0.87 0.00	33.67 0.72 -0.09	33.41 0.66 0.00	33.00 0.68 -0.03	30.79 0.61 -1.19	31.07 0.60 -0.49	36.75 0.86 0.00	39.34 0.85 0.00	42.20 0.95 0.00	47.47 1.06 -0.18	48.34 0.97 -1.14	50.94 1.22 -2.72	49.70 0.77 -3.93	50.68 1.07 -3.29	51.49 1.16 -4.00	52.10 1.11 -4.77	50.78 1.25 -3.21	48.35 1.15 -1.02	43.90 1.04 -1.10	43.83 1.01 -0.67	38.11 0.70 -0.62	37.89 0.78 -0.19
MILLIKEN__2 23585	42.55 1.44 0.00	38.77 1.09 0.00	35.83 0.87 0.00	33.67 0.72 -0.09	33.41 0.66 0.00	33.00 0.68 -0.03	30.79 0.61 -1.19	31.07 0.60 -0.49	36.75 0.86 0.00	39.34 0.85 0.00	42.20 0.95 0.00	47.47 1.06 -0.18	48.34 0.97 -1.14	50.94 1.22 -2.72	49.70 0.77 -3.93	50.68 1.07 -3.29	51.49 1.16 -4.00	52.10 1.11 -4.77	50.78 1.25 -3.21	48.35 1.15 -1.02	43.90 1.04 -1.10	43.83 1.01 -0.67	38.11 0.70 -0.62	37.89 0.78 -0.19
MILLIKEN__DIESEL 23629	42.55 1.44 0.00	38.77 1.09 0.00	35.83 0.87 0.00	33.67 0.72 -0.09	33.41 0.66 0.00	33.00 0.68 -0.03	30.79 0.61 -1.19	31.07 0.60 -0.49	36.75 0.86 0.00	39.34 0.85 0.00	42.20 0.95 0.00	47.47 1.06 -0.18	48.34 0.97 -1.14	50.94 1.22 -2.72	49.70 0.77 -3.93	50.68 1.07 -3.29	51.49 1.16 -4.00	52.10 1.11 -4.77	50.78 1.25 -3.21	48.35 1.15 -1.02	43.90 1.04 -1.10	43.83 1.01 -0.67	38.11 0.70 -0.62	37.89 0.78 -0.19
MILLSEAT__LFGE 323607	40.70 -0.41 0.00	37.19 -0.49 0.00	34.36 -0.59 0.00	32.03 -0.89 -0.06	32.13 -0.62 0.00	31.47 -0.84 -0.03	29.49 -0.38 -0.88	29.53 -0.81 -0.36	35.35 -0.54 0.00	37.68 -0.81 0.00	40.27 -0.99 0.00	45.11 -1.25 -0.13	45.72 -1.34 -0.84	48.24 -0.75 -2.00	46.28 -1.62 -2.89	47.63 -1.11 -2.42	48.20 -1.06 -2.94	48.53 -1.20 -3.50	47.90 -0.79 -2.36	45.96 -0.97 -0.75	41.60 -0.96 -0.81	41.46 -1.18 -0.49	36.57 -0.63 -0.40	37.03 -0.04 -0.14
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.87 2.75 0.00	40.20 2.52 0.00	37.27 2.31 0.00	35.57 2.27 -0.45	35.14 2.39 0.00	34.89 2.42 -0.18	37.58 2.20 -6.39	35.09 2.49 -2.62	38.73 2.84 0.00	41.57 3.08 0.00	44.60 3.34 0.00	51.47 4.25 -0.98	56.79 4.21 -6.36	66.83 4.51 -15.32	71.98 4.37 -22.60	69.97 4.82 -18.83	73.52 4.82 -22.38	77.40 4.62 -26.55	68.05 4.54 -17.18	55.84 4.20 -5.46	51.42 3.76 -5.91	49.39 3.67 -3.57	42.79 3.05 -2.94	40.86 2.92 -1.02

MILLWOOD_13_KV_LOAD 356217	43.99 2.88 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.67 2.37 -0.45	35.27 2.52 0.00	35.02 2.55 -0.18	37.72 2.35 -6.39	35.18 2.58 -2.62	38.83 2.94 0.00	41.73 3.23 0.00	44.80 3.55 0.00	51.79 4.58 -0.98	57.12 4.53 -6.36	67.25 4.93 -15.32	72.38 4.77 -22.60	70.39 5.23 -18.83	73.85 5.14 -22.38	77.73 4.95 -26.55	68.42 4.91 -17.18	56.16 4.53 -5.46	51.71 4.05 -5.91	49.56 3.84 -3.57	43.01 3.27 -2.94	41.04 3.10 -1.02
MODEL_CITY_ENERGY 24167	39.47 -1.65 0.00	36.25 -1.43 0.00	33.49 -1.47 0.00	31.14 -1.77 -0.06	31.38 -1.37 0.00	30.60 -1.71 -0.03	28.75 -1.16 -0.92	28.71 -1.65 -0.38	34.35 -1.54 0.00	36.64 -1.85 0.00	39.11 -2.15 0.00	43.78 -2.59 -0.14	44.43 -2.68 -0.88	46.93 -2.16 -2.10	45.16 -2.88 -3.03	46.51 -2.36 -2.54	47.10 -2.31 -3.09	47.41 -2.50 -3.68	46.67 -2.13 -2.48	44.52 -2.45 -0.79	40.39 -2.21 -0.85	40.14 -2.53 -0.51	35.49 -1.73 -0.42	35.96 -1.11 -0.15
MODERN_LFGE_ 323580	39.47 -1.65 0.00	36.25 -1.43 0.00	33.49 -1.47 0.00	31.14 -1.77 -0.06	31.38 -1.37 0.00	30.60 -1.71 -0.03	28.75 -1.16 -0.92	28.71 -1.65 -0.38	34.35 -1.54 0.00	36.64 -1.85 0.00	39.11 -2.15 0.00	43.78 -2.59 -0.14	44.43 -2.68 -0.88	46.93 -2.16 -2.10	45.16 -2.88 -3.03	46.51 -2.36 -2.54	47.10 -2.31 -3.09	47.41 -2.50 -3.68	46.67 -2.13 -2.48	44.52 -2.45 -0.79	40.39 -2.21 -0.85	40.14 -2.53 -0.51	35.49 -1.73 -0.42	35.96 -1.11 -0.15
MOHAWK_PAPER___DRP 24187	43.17 2.06 0.00	39.75 2.07 0.00	36.88 1.92 0.00	35.89 1.87 -1.17	34.49 1.74 0.00	34.27 1.74 -0.24	38.93 1.57 -8.37	35.00 1.59 -3.43	37.76 1.87 0.00	40.49 2.00 0.00	43.44 2.19 0.00	49.89 2.45 -1.21	56.34 2.45 -7.66	67.70 2.49 -18.21	72.97 2.25 -25.71	70.37 2.32 -21.73	75.67 2.36 -26.99	80.83 2.36 -32.25	71.22 2.36 -22.53	55.60 2.26 -7.16	51.50 2.00 -7.75	48.94 2.11 -4.68	42.52 1.88 -3.85	40.03 1.77 -1.33
MOHICAN__35_KV_115KV_LD 80490	44.32 3.21 0.00	40.66 2.98 0.00	37.69 2.73 0.00	36.87 2.56 -1.46	35.27 2.52 0.00	35.05 2.52 -0.25	39.88 2.32 -8.57	35.90 2.40 -3.51	38.83 2.94 0.00	41.69 3.19 0.00	44.56 3.30 0.00	51.17 3.70 -1.24	57.58 3.51 -7.84	68.92 3.29 -18.64	74.19 2.88 -26.30	71.38 2.83 -22.23	76.91 2.96 -27.62	82.19 2.96 -33.00	72.83 3.43 -23.07	56.70 3.19 -7.33	52.65 2.96 -7.93	50.23 3.29 -4.79	43.50 2.76 -3.94	40.80 2.51 -1.37
MONGAUP___HYD 23641	43.91 2.80 0.00	40.09 2.41 0.00	37.20 2.24 0.00	35.39 2.13 -0.41	34.95 2.19 0.00	34.68 2.23 -0.16	36.58 1.88 -5.71	34.42 2.10 -2.34	38.19 2.30 0.00	40.88 2.39 0.00	43.86 2.60 0.00	50.34 3.23 -0.88	55.26 3.37 -5.66	63.72 3.10 -13.62	67.98 2.92 -20.05	66.05 3.01 -16.72	69.29 3.06 -19.91	73.05 3.19 -23.63	65.02 3.34 -15.36	54.57 3.51 -4.88	50.17 3.13 -5.28	48.46 3.12 -3.19	41.85 2.43 -2.63	40.27 2.44 -0.91
MONTAUK___DIESEL 23721	56.80 7.52 -8.16	45.67 6.78 -1.21	41.51 6.15 -0.40	38.99 5.68 -0.46	38.32 5.57 0.00	41.58 6.00 -3.29	40.73 5.31 -6.44	42.50 5.70 -6.82	43.28 6.89 -0.50	64.39 7.97 -17.93	58.27 8.62 -8.40	61.66 10.08 -5.35	62.50 9.85 -6.42	129.70 10.43 -72.27	121.89 10.08 -66.79	147.44 11.03 -90.09	229.40 11.07 -172.01	140.45 10.86 -83.36	145.74 10.84 -88.58	121.22 10.02 -65.02	76.91 8.81 -26.35	60.14 8.26 -9.73	58.77 7.54 -14.43	54.12 7.42 -9.78
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.80 1.69 0.00	38.02 0.34 0.00	34.99 0.03 0.00	32.77 -0.16 -0.08	32.75 0.00 0.00	31.99 -0.32 -0.03	30.06 -0.03 -1.10	30.22 -0.21 -0.45	36.57 0.68 0.00	39.03 0.54 0.00	41.67 0.41 0.00	46.07 -0.32 -0.16	46.77 -0.51 -1.05	49.78 0.28 -2.50	47.86 -0.77 -3.61	49.50 0.14 -3.03	50.43 0.42 -3.68	50.75 0.14 -4.39	49.51 0.23 -2.95	46.89 -0.23 -0.94	42.60 -0.17 -1.02	42.47 -0.30 -0.61	37.01 -0.29 -0.50	37.32 0.22 -0.17
MORTIMER_115KV_TB3 55949	41.77 0.66 0.00	37.34 -0.34 0.00	34.50 -0.45 0.00	32.31 -0.59 -0.05	32.23 -0.52 0.00	31.82 -0.48 -0.02	29.59 -0.14 -0.75	29.90 -0.39 -0.31	35.60 -0.29 0.00	38.07 -0.42 0.00	40.80 -0.45 0.00	46.02 -0.32 -0.11	46.62 -0.32 -0.71	48.84 0.14 -1.70	46.88 -0.59 -2.46	48.29 -0.09 -2.06	48.74 -0.09 -2.51	49.03 -0.18 -2.98	48.15 -0.19 -2.01	46.59 -0.23 -0.64	42.11 -0.33 -0.69	42.15 -0.42 -0.42	36.77 -0.37 -0.34	37.12 0.07 -0.12
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.16 3.04 0.00	40.51 2.83 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.44 2.82 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.33 4.89 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	78.03 5.04 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.84 4.09 -3.60	43.25 3.50 -2.96	41.27 3.32 -1.03
MUNSVILLE_WIND_PWR 323609	44.98 3.86 0.00	41.41 3.73 0.00	38.07 3.11 0.00	35.92 2.89 -0.18	35.67 2.91 0.00	35.14 2.81 -0.05	33.13 2.38 -1.76	33.13 2.43 -0.72	39.05 3.16 0.00	41.88 3.39 0.00	44.76 3.50 0.00	50.42 3.93 -0.26	51.79 3.88 -1.68	54.68 3.67 -4.02	53.51 2.70 -5.80	54.35 3.15 -4.87	55.43 3.19 -5.92	56.19 2.91 -7.04	54.73 3.66 -4.74	51.15 3.47 -1.51	46.60 3.22 -1.63	46.64 3.50 -0.98	40.52 2.87 -0.86	40.16 2.96 -0.28
N SALMON___HYD 24042	39.84 -1.27 0.00	36.74 -0.94 0.00	34.19 -0.77 0.00	32.19 -0.66 0.00	32.42 -0.33 0.00	32.02 -0.26 0.00	28.73 -0.26 0.00	29.71 -0.27 0.00	35.64 -0.25 0.00	38.30 -0.19 0.00	40.76 -0.49 0.00	45.40 -0.83 0.00	45.40 -0.83 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.12 -1.20 0.00	45.08 -1.25 0.00	45.08 -1.15 0.00	45.08 -1.25 0.00	45.26 -0.92 0.00	40.92 -0.83 0.00	41.48 -0.68 0.00	36.65 -0.15 0.00	36.70 -0.22 0.00
N.AKRON__115KV_KNAPP 355671	42.14 1.03 0.00	37.11 -0.57 0.00	34.23 -0.73 0.00	32.03 -0.89 -0.06	31.97 -0.79 0.00	31.47 -0.84 -0.03	29.50 -0.38 -0.88	29.54 -0.81 -0.36	35.39 -0.50 0.00	37.72 -0.77 0.00	40.31 -0.95 0.00	45.07 -1.29 -0.13	45.73 -1.34 -0.84	48.26 -0.75 -2.02	46.30 -1.62 -2.91	47.84 -0.93 -2.44	48.46 -0.83 -2.97	48.79 -0.97 -3.53	47.82 -0.88 -2.38	45.92 -1.02 -0.76	41.57 -1.00 -0.82	41.51 -1.14 -0.49	36.43 -0.77 -0.41	37.03 -0.04 -0.14
N.BELMOR_69_KV_BK1 55787	53.30 4.03 -8.16	42.51 3.62 -1.21	38.68 3.32 -0.40	36.56 3.25 -0.46	35.99 3.24 0.00	38.94 3.36 -3.29	38.44 3.01 -6.44	40.16 3.36 -6.82	40.26 3.88 -0.50	60.57 4.16 -17.92	48.90 4.41 -3.23	52.59 5.36 -0.99	57.73 5.09 -6.41	67.80 5.36 -15.45	97.25 5.40 -46.84	110.31 5.93 -58.05	117.01 5.93 -64.75	78.75 5.73 -26.79	69.30 5.65 -17.33	56.99 5.31 -5.50	52.68 4.84 -6.09	50.14 4.38 -3.60	46.36 4.16 -5.40	42.22 4.14 -1.16
N.E_GEN_SANDY PD 24062	43.42 2.30 0.00	39.71 2.03 0.00	36.85 1.89 0.00	35.39 1.87 -0.67	34.59 1.83 0.00	34.37 1.87 -0.21	38.14 1.71 -7.44	34.80 1.77 -3.05	37.90 2.01 0.00	40.65 2.15 0.00	43.44 2.19 0.00	49.70 2.63 -0.84	53.70 2.63 -4.84	60.59 2.87 -10.73	59.09 2.65 -11.43	59.84 2.83 -10.69	66.24 2.78 -17.14	70.20 2.77 -21.20	69.08 2.73 -20.02	55.12 2.58 -6.36	50.97 2.34 -6.88	49.20 2.32 -4.73	41.59 1.95 -2.85	39.99 1.88 -1.19

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.75 2.63 0.00	40.09 2.41 0.00	37.16 2.20 0.00	35.46 2.17 -0.44	34.98 2.23 0.00	34.75 2.29 -0.18	37.19 2.06 -6.14	34.87 2.37 -2.52	38.58 2.69 0.00	41.42 2.93 0.00	44.47 3.22 0.00	51.24 4.07 -0.95	56.44 4.11 -6.10	66.06 4.37 -14.69	70.85 4.19 -21.66	69.06 4.68 -18.05	72.48 4.68 -21.47	76.19 4.48 -25.48	67.20 4.35 -16.52	55.44 4.02 -5.25	51.02 3.59 -5.68	49.08 3.50 -3.43	42.52 2.91 -2.82	40.67 2.77 -0.98
N.QUEENS_27_KV_LOAD 356247	44.29 3.17 -0.01	40.70 3.01 -0.01	37.80 2.83 -0.01	36.11 2.79 -0.46	35.67 2.91 -0.01	35.45 2.97 -0.19	38.13 2.70 -6.44	35.60 2.97 -2.65	39.23 3.34 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.52 4.30 -0.99	57.03 4.39 -6.41	67.37 4.93 -15.44	72.62 4.82 -22.79	70.65 5.33 -18.99	74.27 5.37 -22.57	78.17 5.18 -26.76	68.51 4.86 -17.32	55.97 4.29 -5.49	51.92 4.22 -5.95	50.18 4.43 -3.60	43.55 3.79 -2.97	41.58 3.62 -1.03
N.TROY___115KV_TB1 355778	43.25 2.14 0.00	39.75 2.07 0.00	36.88 1.92 0.00	36.02 1.87 -1.30	34.55 1.80 0.00	34.30 1.78 -0.24	39.00 1.62 -8.39	35.04 1.62 -3.44	37.79 1.90 0.00	40.53 2.04 0.00	43.40 2.15 0.00	49.88 2.45 -1.20	56.25 2.45 -7.57	67.49 2.54 -17.96	72.46 2.30 -25.16	70.01 2.36 -21.32	75.41 2.41 -26.68	80.50 2.36 -31.92	71.30 2.41 -22.57	55.66 2.31 -7.17	51.60 2.09 -7.76	48.95 2.11 -4.69	42.49 1.84 -3.86	40.03 1.77 -1.34
NARROWS_GT1_1 24228	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_2 24229	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_3 24230	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_4 24231	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_5 24232	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_6 24233	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_7 24234	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT1_8 24235	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_1 24236	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_2 24237	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_3 24238	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_4 24239	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03

NARROWS_GT2_5 24240	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_6 24241	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_7 24242	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NARROWS_GT2_8 24243	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.54 5.31 -32.00	169.64 5.14 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.36 4.55 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.71 2.59 0.00	40.28 2.60 0.00	37.34 2.38 0.00	35.72 2.07 -0.80	34.82 2.06 0.00	34.41 1.90 -0.22	38.26 1.54 -7.74	34.71 1.56 -3.17	37.76 1.87 0.00	40.53 2.04 0.00	43.44 2.19 0.00	49.08 1.71 -1.14	55.35 1.90 -7.23	66.03 1.79 -17.25	70.80 1.94 -23.85	68.55 1.48 -20.74	72.85 1.99 -24.53	77.46 2.08 -29.15	68.71 1.62 -20.76	54.36 1.57 -6.61	50.29 1.38 -7.16	48.21 1.73 -4.32	42.05 1.69 -3.56	39.97 1.81 -1.23
NCHELSEA_115KV_TR2 355582	44.24 3.12 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.78 2.46 -0.46	35.31 2.55 0.00	35.05 2.58 -0.19	37.73 2.29 -6.45	35.15 2.52 -2.64	38.76 2.87 0.00	41.61 3.12 0.00	44.68 3.42 0.00	51.61 4.39 -0.99	57.02 4.44 -6.35	66.98 4.70 -15.29	71.94 4.50 -22.43	69.96 4.91 -18.72	73.60 4.91 -22.37	77.51 4.72 -26.56	68.27 4.59 -17.36	55.99 4.29 -5.51	51.52 3.80 -5.97	49.47 3.71 -3.60	42.78 3.02 -2.97	40.91 2.95 -1.03
NEG CAPITAL___MECHNVIL 23645	44.12 3.00 0.00	40.43 2.75 0.00	37.48 2.52 0.00	36.66 2.40 -1.41	35.11 2.36 0.00	34.89 2.36 -0.25	39.64 2.15 -8.51	35.66 2.19 -3.49	38.55 2.66 0.00	41.34 2.85 0.00	44.31 3.05 0.00	50.92 3.47 -1.22	57.44 3.47 -7.74	68.81 3.43 -18.39	73.95 3.06 -25.88	71.27 3.06 -21.89	76.75 3.15 -27.28	81.98 3.15 -32.61	72.56 3.34 -22.90	56.60 3.14 -7.27	52.50 2.88 -7.87	49.90 2.99 -4.75	43.25 2.54 -3.91	40.68 2.40 -1.36
NEG CENTRAL_HIGH_ACRES 23767	40.54 -0.58 0.00	36.93 -0.75 0.00	34.16 -0.80 0.00	32.01 -0.89 -0.05	31.87 -0.88 0.00	31.50 -0.81 -0.02	29.19 -0.52 -0.72	29.59 -0.69 -0.30	35.25 -0.65 0.00	37.76 -0.73 0.00	40.47 -0.79 0.00	45.65 -0.69 -0.11	46.18 -0.74 -0.69	48.36 -0.28 -1.65	46.44 -0.95 -2.38	47.67 -0.65 -1.99	48.10 -0.65 -2.42	48.37 -0.74 -2.89	47.71 -0.55 -1.94	46.06 -0.74 -0.62	41.62 -0.79 -0.67	41.63 -0.93 -0.40	36.42 -0.74 -0.36	36.56 -0.48 -0.12
NEG CENTRAL___DRP 24199	41.86 0.74 0.00	37.94 0.26 0.00	35.06 0.10 0.00	32.87 -0.03 -0.05	32.69 -0.07 0.00	32.24 -0.06 -0.02	29.86 0.09 -0.79	30.34 0.03 -0.32	36.03 0.14 0.00	38.57 0.08 0.00	41.38 0.12 0.00	46.49 0.14 -0.12	47.03 0.05 -0.75	49.17 0.38 -1.80	47.51 -0.09 -2.59	48.78 0.28 -2.17	49.34 0.37 -2.64	49.70 0.32 -3.14	48.81 0.37 -2.12	47.13 0.28 -0.67	42.69 0.21 -0.73	42.72 0.13 -0.44	37.15 -0.07 -0.43	37.16 0.11 -0.13
NEG CENTRAL___INDECK 23768	41.41 0.29 0.00	37.60 -0.08 0.00	34.68 -0.28 0.00	32.47 -0.46 -0.07	32.39 -0.36 0.00	31.89 -0.42 -0.03	29.83 -0.20 -1.04	29.84 -0.57 -0.43	35.28 -0.61 0.00	37.14 -1.35 0.00	39.40 -1.86 0.00	44.26 -2.13 -0.15	44.95 -2.26 -0.99	47.48 -1.88 -2.37	45.99 -2.43 -3.41	47.20 -1.99 -2.86	48.05 -1.76 -3.48	48.85 -1.52 -4.14	48.37 -0.74 -2.79	46.75 -0.32 -0.89	42.54 -0.17 -0.96	42.44 -0.29 -0.58	38.27 0.99 -0.48	38.38 1.29 -0.17
NEG CENTRAL___SENECA 23627	42.10 0.99 0.00	38.06 0.38 0.00	35.13 0.17 0.00	32.91 0.00 -0.06	32.69 -0.07 0.00	32.31 0.00 -0.03	30.09 0.23 -0.87	30.52 0.18 -0.36	36.18 0.29 0.00	38.72 0.23 0.00	41.46 0.21 0.00	46.59 0.23 -0.13	47.20 0.14 -0.83	49.55 0.56 -1.99	47.83 -0.05 -2.87	49.15 0.42 -2.41	49.80 0.56 -2.92	50.22 0.51 -3.48	49.23 0.56 -2.34	47.34 0.42 -0.74	42.89 0.33 -0.81	42.85 0.21 -0.49	37.27 0.04 -0.44	37.32 0.26 -0.14
NEG CENTRAL___STATE_STREET 24147	41.98 0.86 0.00	38.13 0.45 0.00	35.24 0.28 0.00	33.10 0.20 -0.05	33.18 0.43 0.00	32.47 0.16 -0.02	29.90 0.14 -0.77	30.48 0.18 -0.31	36.25 0.36 0.00	38.84 0.35 0.00	41.71 0.45 0.00	46.95 0.60 -0.11	47.47 0.51 -0.73	49.55 0.80 -1.75	47.94 0.41 -2.53	49.14 0.69 -2.12	49.64 0.74 -2.58	49.99 0.69 -3.07	49.09 0.69 -2.07	47.39 0.55 -0.66	42.92 0.46 -0.71	43.00 0.42 -0.43	37.43 0.18 -0.45	37.31 0.26 -0.12
NEG MILLWOOD___DRP 24198	44.32 3.21 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.88 2.56 -0.47	35.50 2.75 0.00	35.28 2.81 -0.19	38.07 2.55 -6.53	35.36 2.70 -2.68	39.05 3.16 0.00	41.99 3.50 0.00	45.13 3.88 0.00	52.41 5.18 -1.00	57.87 5.18 -6.46	68.14 5.59 -15.55	73.33 5.45 -22.87	71.28 5.88 -19.08	74.72 5.65 -22.74	78.73 5.50 -27.00	69.37 5.47 -17.58	56.84 5.08 -5.58	52.26 4.47 -6.04	49.93 4.13 -3.65	43.29 3.50 -3.00	41.33 3.36 -1.04
NEG NORTH_FLCN_SEA 23793	38.69 -2.43 0.00	36.36 -1.32 0.00	33.91 -1.05 0.00	31.90 -0.95 0.00	32.16 -0.59 0.00	31.64 -0.65 0.00	28.41 -0.58 0.00	29.35 -0.63 0.00	35.17 -0.72 0.00	37.76 -0.73 0.00	39.77 -1.49 0.00	43.96 -2.27 0.00	44.01 -2.22 0.00	44.60 -2.40 0.00	42.89 -2.12 0.00	43.78 -2.55 0.00	43.68 -2.64 0.00	43.73 -2.50 0.00	43.78 -2.55 0.00	43.92 -2.26 0.00	39.96 -1.80 0.00	40.72 -1.43 0.00	36.83 0.04 0.00	36.92 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	39.31 -1.81 0.00	36.55 -1.13 0.00	34.09 -0.87 0.00	32.10 -0.76 0.00	32.26 -0.49 0.00	31.80 -0.48 0.00	28.53 -0.46 0.00	29.50 -0.48 0.00	35.32 -0.57 0.00	37.91 -0.58 0.00	40.31 -0.95 0.00	44.84 -1.39 0.00	44.89 -1.34 0.00	45.44 -1.55 0.00	43.75 -1.26 0.00	44.66 -1.67 0.00	44.56 -1.76 0.00	44.57 -1.66 0.00	44.66 -1.67 0.00	44.79 -1.39 0.00	40.54 -1.21 0.00	41.10 -1.05 0.00	36.43 -0.37 0.00	36.52 -0.41 0.00

NEG NORTH___ALICE_FALLS 23915	39.06 -2.06 0.00	36.55 -1.13 0.00	34.05 -0.91 0.00	32.06 -0.79 0.00	32.29 -0.46 0.00	31.80 -0.48 0.00	28.53 -0.46 0.00	29.50 -0.48 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.14 -1.11 0.00	44.47 -1.76 0.00	44.52 -1.71 0.00	45.11 -1.88 0.00	43.34 -1.67 0.00	44.29 -2.04 0.00	44.24 -2.08 0.00	44.24 -1.99 0.00	44.29 -2.04 0.00	44.47 -1.71 0.00	40.33 -1.42 0.00	41.02 -1.14 0.00	36.79 0.00 0.00	36.85 -0.07 0.00
NEG NORTH___LWR_SARANAC 23913	39.06 -2.06 0.00	36.55 -1.13 0.00	34.05 -0.91 0.00	32.06 -0.79 0.00	32.29 -0.46 0.00	31.80 -0.48 0.00	28.53 -0.46 0.00	29.50 -0.48 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.14 -1.11 0.00	44.47 -1.76 0.00	44.52 -1.71 0.00	45.11 -1.88 0.00	43.34 -1.67 0.00	44.29 -2.04 0.00	44.24 -2.08 0.00	44.24 -1.99 0.00	44.29 -2.04 0.00	44.47 -1.71 0.00	40.33 -1.42 0.00	41.02 -1.14 0.00	36.79 0.00 0.00	36.85 -0.07 0.00
NEG NORTH___PLATTSBURG 23628	39.64 -1.48 0.00	36.55 -1.13 0.00	34.05 -0.91 0.00	32.06 -0.79 0.00	32.23 -0.53 0.00	31.80 -0.48 0.00	28.52 -0.46 0.00	29.50 -0.48 0.00	35.35 -0.54 0.00	37.95 -0.54 0.00	40.14 -1.11 0.00	44.52 -1.71 0.00	44.52 -1.71 0.00	45.11 -1.88 0.00	43.34 -1.66 0.00	44.33 -1.99 0.00	44.29 -2.04 0.00	44.33 -1.90 0.00	44.29 -2.04 0.00	44.47 -1.71 0.00	40.33 -1.42 0.00	41.02 -1.14 0.00	36.79 0.00 0.00	36.85 -0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	41.24 0.12 0.00	36.29 -1.39 0.00	33.49 -1.47 0.00	31.34 -1.58 -0.06	31.31 -1.44 0.00	30.76 -1.55 -0.03	28.89 -1.01 -0.91	28.86 -1.50 -0.37	34.60 -1.29 0.00	36.88 -1.62 0.00	39.40 -1.86 0.00	44.01 -2.36 -0.14	44.65 -2.45 -0.87	47.15 -1.93 -2.08	45.40 -2.61 -3.00	46.90 -1.95 -2.52	47.58 -1.81 -3.06	47.89 -1.99 -3.65	46.83 -1.95 -2.46	44.74 -2.22 -0.78	40.59 -2.00 -0.84	40.47 -2.19 -0.51	35.71 -1.51 -0.42	36.29 -0.78 -0.15
NEG WEST___LANCASTR 23811	42.06 0.95 0.00	37.38 -0.30 0.00	34.43 -0.52 0.00	32.27 -0.66 -0.08	32.20 -0.56 0.00	30.96 -1.36 -0.03	28.81 -1.25 -1.06	28.92 -1.50 -0.44	35.68 -0.22 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	44.17 -2.22 -0.16	44.93 -2.31 -1.01	47.78 -1.64 -2.43	46.08 -2.43 -3.51	47.65 -1.62 -2.94	48.42 -1.48 -3.57	48.78 -1.71 -4.26	47.48 -1.71 -2.87	44.97 -2.12 -0.91	40.82 -1.92 -0.99	40.64 -2.11 -0.60	35.44 -1.84 -0.49	35.76 -1.33 -0.17
NEG_PENN_ALLEGHNY 23528	41.94 0.82 0.00	38.36 0.68 0.00	35.48 0.53 0.00	33.43 0.43 -0.15	33.18 0.42 0.00	32.63 0.29 -0.05	31.20 0.32 -1.89	31.06 0.30 -0.78	36.54 0.65 0.00	39.11 0.61 0.00	41.96 0.70 0.00	47.21 0.69 -0.28	48.68 0.65 -1.80	52.25 0.94 -4.31	51.73 0.50 -6.23	52.38 0.83 -5.22	53.51 0.83 -6.35	54.53 0.74 -7.56	52.29 0.88 -5.09	48.49 0.69 -1.62	44.13 0.63 -1.75	43.76 0.55 -1.06	38.07 0.37 -0.91	37.67 0.44 -0.30
NEG___GEN_MONROE 24207	41.86 0.74 0.00	37.30 -0.38 0.00	34.47 -0.49 0.00	32.28 -0.62 -0.05	32.26 -0.49 0.00	31.82 -0.48 -0.02	29.60 -0.14 -0.75	29.81 -0.48 -0.31	35.53 -0.36 0.00	37.95 -0.54 0.00	40.47 -0.78 0.00	45.46 -0.88 -0.11	46.07 -0.88 -0.72	48.24 -0.47 -1.72	46.54 -0.95 -2.48	47.90 -0.51 -2.08	48.35 -0.51 -2.53	48.78 -0.46 -3.01	47.89 -0.46 -2.03	46.41 -0.42 -0.64	41.99 -0.46 -0.70	41.94 -0.63 -0.42	36.66 -0.48 -0.35	37.08 0.04 -0.12
NEPA___ENERGY 23901	42.23 1.11 0.00	37.57 -0.11 0.00	34.64 -0.31 0.00	32.44 -0.49 -0.08	32.46 -0.29 0.00	31.64 -0.68 -0.03	29.69 -0.38 -1.08	29.88 -0.54 -0.44	36.07 0.18 0.00	38.53 0.04 0.00	41.17 -0.08 0.00	45.60 -0.79 -0.16	46.38 -0.88 -1.03	49.22 -0.23 -2.46	47.47 -1.08 -3.55	49.12 -0.19 -2.98	49.89 -0.05 -3.62	50.30 -0.23 -4.30	48.99 -0.23 -2.90	46.50 -0.60 -0.92	42.16 -0.58 -1.00	41.96 -0.80 -0.60	36.59 -0.70 -0.50	36.91 -0.18 -0.17
NEVERSINK___HYD 23608	43.83 2.71 0.00	39.94 2.26 0.00	36.99 2.03 0.00	35.21 1.94 -0.42	34.78 2.03 0.00	34.51 2.07 -0.16	36.28 1.74 -5.55	34.24 1.98 -2.27	38.08 2.19 0.00	40.92 2.43 0.00	43.90 2.64 0.00	50.49 3.42 -0.84	53.77 2.13 -5.42	62.27 2.26 -13.02	66.16 2.20 -18.94	64.86 2.64 -15.90	67.94 2.64 -18.97	71.31 2.54 -22.53	63.74 2.50 -14.92	53.14 2.22 -4.74	50.18 3.30 -5.13	48.54 3.29 -3.10	41.74 2.39 -2.55	40.24 2.44 -0.88
NEWKRMKL_115KV_TB1 55635	42.47 1.36 0.00	39.26 1.58 0.00	36.43 1.47 0.00	35.40 1.48 -1.07	33.96 1.21 0.00	33.75 1.23 -0.24	38.41 1.10 -8.32	34.50 1.11 -3.41	37.15 1.26 0.00	39.88 1.39 0.00	42.78 1.53 0.00	49.05 1.62 -1.20	55.52 1.66 -7.63	66.83 1.69 -18.15	72.15 1.49 -25.65	69.52 1.53 -21.67	74.73 1.53 -26.88	79.87 1.53 -32.11	70.24 1.53 -22.39	54.72 1.43 -7.11	50.70 1.25 -7.70	48.15 1.35 -4.65	41.91 1.29 -3.83	39.51 1.26 -1.33
NEWTON___FALLS_HYD 23847	40.75 -0.37 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.72 -0.13 0.00	32.88 0.13 0.00	32.52 0.23 0.00	29.25 0.09 -0.17	30.14 0.09 -0.07	36.00 0.11 0.00	38.65 0.15 0.00	41.30 0.04 0.00	46.26 0.00 -0.03	46.35 -0.05 -0.16	47.15 -0.23 -0.39	45.22 -0.36 -0.57	46.29 -0.51 -0.48	46.35 -0.56 -0.58	46.36 -0.55 -0.69	46.46 -0.32 -0.46	46.23 -0.09 -0.15	41.87 -0.04 -0.16	42.42 0.17 -0.10	37.10 0.18 -0.12	37.10 0.15 -0.03
NGRID_A1_DSASP 323792	39.51 -1.60 0.00	35.76 -1.92 0.00	33.04 -1.92 0.00	31.28 -1.64 -0.07	30.95 -1.80 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.66 -2.45 -2.12	44.96 -3.11 -3.05	46.34 -2.55 -2.56	46.89 -2.55 -3.11	47.21 -2.73 -3.71	46.46 -2.36 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	39.93 -2.74 -0.52	35.27 -1.95 -0.43	35.85 -1.22 -0.15
NGRID_A2_DSASP 323793	39.51 -1.60 0.00	35.76 -1.92 0.00	33.04 -1.92 0.00	31.28 -1.64 -0.07	30.95 -1.80 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.66 -2.45 -2.12	44.96 -3.11 -3.05	46.34 -2.55 -2.56	46.89 -2.55 -3.11	47.21 -2.73 -3.71	46.46 -2.36 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	39.93 -2.74 -0.52	35.27 -1.95 -0.43	35.85 -1.22 -0.15
NGRID_A4_DSASP 323807	40.58 -0.53 0.00	36.10 -1.58 0.00	33.39 -1.57 0.00	31.27 -1.64 -0.07	31.21 -1.54 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.67 -2.44 -2.12	44.96 -3.11 -3.06	46.43 -2.46 -2.56	47.12 -2.32 -3.12	47.44 -2.50 -3.71	46.37 -2.46 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	40.02 -2.66 -0.52	35.09 -2.13 -0.43	35.85 -1.22 -0.15
NIAGARA_115E_LBMP 323715	39.27 -1.85 0.00	36.10 -1.58 0.00	33.39 -1.57 0.00	31.01 -1.91 -0.07	31.28 -1.47 0.00	30.44 -1.87 -0.03	28.62 -1.30 -0.93	28.57 -1.80 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.91 -2.35 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.89	46.67 -2.45 -2.12	44.96 -3.11 -3.06	46.30 -2.59 -2.57	46.90 -2.55 -3.12	47.22 -2.73 -3.72	46.47 -2.36 -2.50	44.30 -2.68 -0.79	40.19 -2.42 -0.86	39.93 -2.74 -0.52	35.31 -1.91 -0.43	35.74 -1.33 -0.15

NIAGARA_115W_LBMP 323714	39.39 -1.73 0.00	35.64 -2.04 0.00	32.93 -2.03 0.00	31.21 -1.71 -0.07	30.85 -1.90 0.00	30.70 -1.61 -0.03	28.70 -1.22 -0.93	28.50 -1.86 -0.38	34.06 -1.83 0.00	36.30 -2.19 0.00	38.74 -2.52 0.00	43.46 -2.91 -0.14	44.06 -3.05 -0.88	46.52 -2.58 -2.11	44.86 -3.19 -3.05	46.19 -2.69 -2.56	46.74 -2.69 -3.11	47.06 -2.87 -3.70	46.31 -2.50 -2.49	44.15 -2.82 -0.79	40.06 -2.55 -0.86	39.85 -2.82 -0.52	35.16 -2.06 -0.43	35.74 -1.33 -0.15
NIAGARA_230_LBMP 323716	39.64 -1.48 0.00	36.17 -1.51 0.00	33.42 -1.54 0.00	31.34 -1.58 -0.06	31.31 -1.44 0.00	30.79 -1.52 -0.03	28.92 -0.99 -0.91	28.89 -1.47 -0.37	34.53 -1.36 0.00	36.80 -1.69 0.00	39.32 -1.94 0.00	44.06 -2.31 -0.14	44.69 -2.41 -0.87	47.24 -1.83 -2.08	45.50 -2.52 -3.01	46.86 -1.99 -2.52	47.40 -1.99 -3.07	47.75 -2.13 -3.65	47.02 -1.76 -2.46	44.79 -2.17 -0.78	40.63 -1.96 -0.85	40.39 -2.28 -0.51	35.63 -1.58 -0.42	36.07 -1.00 -0.15
NIAGARA__115KV_198_GIBSON 55903	40.46 -0.66 0.00	35.98 -1.70 0.00	33.32 -1.64 0.00	31.21 -1.71 -0.07	31.15 -1.60 0.00	30.70 -1.61 -0.03	28.70 -1.22 -0.93	28.50 -1.86 -0.38	34.06 -1.83 0.00	36.30 -2.19 0.00	38.78 -2.48 0.00	43.41 -2.96 -0.14	44.06 -3.05 -0.88	46.52 -2.58 -2.11	44.86 -3.20 -3.05	46.29 -2.59 -2.56	46.98 -2.46 -3.11	47.30 -2.64 -3.70	46.23 -2.59 -2.49	44.11 -2.86 -0.79	40.06 -2.55 -0.86	39.93 -2.74 -0.52	35.01 -2.21 -0.43	35.74 -1.33 -0.15
NIAGARA____ 23760	39.31 -1.81 0.00	35.80 -1.88 0.00	33.07 -1.89 0.00	31.08 -1.84 -0.07	30.98 -1.77 0.00	30.54 -1.78 -0.03	28.67 -1.25 -0.93	28.59 -1.77 -0.38	34.20 -1.69 0.00	36.49 -2.00 0.00	38.95 -2.31 0.00	43.64 -2.73 -0.14	44.29 -2.82 -0.88	46.75 -2.35 -2.11	45.04 -3.02 -3.04	46.42 -2.46 -2.55	46.97 -2.46 -3.10	47.29 -2.63 -3.69	46.54 -2.27 -2.49	44.38 -2.59 -0.79	40.31 -2.30 -0.85	40.06 -2.61 -0.52	35.31 -1.91 -0.43	35.74 -1.33 -0.15
NINE_MILE_1 23575	40.13 -0.99 0.00	36.78 -0.90 0.00	34.09 -0.87 0.00	31.97 -0.89 0.00	31.80 -0.95 0.00	31.29 -1.00 -0.01	28.47 -0.90 -0.38	29.21 -0.93 -0.16	34.82 -1.08 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.94 -1.34 -0.06	45.25 -1.34 -0.37	46.60 -1.27 -0.88	44.88 -1.40 -1.26	46.04 -1.34 -1.06	46.27 -1.34 -1.29	46.38 -1.39 -1.53	46.06 -1.30 -1.03	45.12 -1.38 -0.33	40.85 -1.25 -0.36	41.06 -1.31 -0.21	35.18 -1.18 0.43	35.84 -1.14 -0.06
NINE_MILE_2 23744	40.13 -0.99 0.00	36.78 -0.90 0.00	34.09 -0.87 0.00	31.97 -0.89 0.00	31.80 -0.95 0.00	31.29 -1.00 -0.01	28.47 -0.90 -0.38	29.21 -0.93 -0.16	34.82 -1.08 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.94 -1.34 -0.06	45.25 -1.34 -0.36	46.60 -1.27 -0.87	44.88 -1.40 -1.26	46.04 -1.34 -1.06	46.27 -1.34 -1.29	46.38 -1.39 -1.53	46.06 -1.30 -1.03	45.12 -1.38 -0.33	40.85 -1.25 -0.35	41.06 -1.31 -0.21	35.17 -1.18 0.44	35.84 -0.06
NM_CAPITAL__DRP 24208	42.55 1.44 0.00	39.30 1.62 0.00	36.46 1.50 0.00	35.43 1.51 -1.06	34.06 1.31 0.00	33.82 1.29 -0.24	38.44 1.16 -8.29	34.55 1.17 -3.40	37.22 1.33 0.00	39.95 1.46 0.00	42.82 1.57 0.00	49.14 1.71 -1.20	55.51 1.71 -7.57	66.78 1.79 -18.00	71.98 1.58 -25.39	69.46 1.67 -21.47	74.68 1.67 -26.69	79.74 1.62 -31.89	70.26 1.62 -22.31	54.79 1.52 -7.09	50.80 1.38 -7.67	48.22 1.43 -4.63	41.97 1.36 -3.81	39.58 1.33 -1.32
NM_CENTRAL__DRP 24181	41.16 0.04 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.56 -0.30 0.00	32.39 -0.36 0.00	31.91 -0.39 -0.02	29.19 -0.35 -0.54	29.85 -0.36 -0.22	35.57 -0.32 0.00	38.11 -0.38 0.00	40.88 -0.37 0.00	45.99 -0.32 -0.08	46.38 -0.37 -0.52	48.09 -0.14 -1.24	46.39 -0.41 -1.79	47.60 -0.23 -1.50	47.97 -0.19 -1.83	48.13 -0.28 -2.17	47.51 -0.28 -1.46	46.28 -0.37 -0.47	41.88 -0.38 -0.50	42.04 -0.42 -0.30	36.63 -0.48 -0.31	36.60 -0.41 -0.09
NM_FRONTIER__DRP 24179	40.46 -0.66 0.00	35.98 -1.70 0.00	33.32 -1.64 0.00	31.21 -1.71 -0.07	31.15 -1.60 0.00	30.70 -1.61 -0.03	28.70 -1.22 -0.93	28.50 -1.86 -0.38	34.06 -1.83 0.00	36.30 -2.19 0.00	38.78 -2.48 0.00	43.41 -2.96 -0.14	44.06 -3.05 -0.88	46.52 -2.58 -2.11	44.86 -3.20 -3.05	46.29 -2.59 -2.56	46.98 -2.46 -3.11	47.30 -2.64 -3.70	46.23 -2.59 -2.49	44.11 -2.86 -0.79	40.06 -2.55 -0.86	39.93 -2.74 -0.52	35.01 -2.21 -0.43	35.74 -1.33 -0.15
NM_ST_REGIS__HYD 24053	39.35 -1.77 0.00	36.44 -1.24 0.00	33.84 -1.12 0.00	31.93 -0.92 0.00	32.26 -0.49 0.00	31.90 -0.39 0.00	28.58 -0.41 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.68 -0.58 0.00	45.40 -0.83 0.00	45.40 -0.83 0.00	45.91 -1.08 0.00	44.11 -0.90 0.00	44.98 -1.34 0.00	44.89 -1.44 0.00	44.84 -1.39 0.00	45.03 -1.30 0.00	45.16 -1.02 0.00	40.83 -0.92 0.00	41.44 -0.72 0.00	36.41 -0.40 -0.02	36.44 -0.48 0.00
NORTHPORT__1 23551	53.39 4.11 -8.16	42.43 3.54 -1.21	38.61 3.25 -0.40	36.36 3.06 -0.46	35.87 3.11 0.00	38.84 3.26 -3.29	38.35 2.93 -6.44	40.01 3.21 -6.82	40.12 3.73 -0.50	60.49 4.08 -17.92	48.13 4.05 -2.83	51.77 4.44 -1.10	56.94 4.30 -6.41	61.89 4.47 -10.43	94.68 4.59 -45.08	106.51 4.96 -55.23	106.51 4.91 -55.28	72.88 4.85 -21.79	69.99 4.68 -18.98	57.55 4.48 -6.89	52.29 4.09 -6.44	49.30 4.09 -3.06	45.34 3.83 -4.72	42.20 3.88 -1.40
NORTHPORT__2 23552	53.39 4.11 -8.16	42.43 3.54 -1.21	38.61 3.25 -0.40	36.36 3.06 -0.46	35.87 3.11 0.00	38.84 3.26 -3.29	38.35 2.93 -6.44	40.01 3.21 -6.82	40.12 3.73 -0.50	60.49 4.08 -17.92	48.13 4.05 -2.83	51.29 4.44 -0.62	56.94 4.30 -6.41	61.89 4.47 -10.43	94.68 4.59 -45.08	106.51 4.96 -55.23	106.51 4.91 -55.28	72.88 4.85 -21.79	62.03 4.68 -11.03	50.91 4.48 -0.25	50.16 4.09 -4.32	49.30 4.09 -3.06	45.34 3.83 -4.72	42.20 3.88 -1.40
NORTHPORT__3 23553	53.31 4.03 -8.16	42.32 3.43 -1.21	38.51 3.15 -0.40	36.30 2.99 -0.46	35.80 3.05 0.00	38.74 3.17 -3.29	38.27 2.84 -6.44	39.98 3.18 -6.82	40.09 3.70 -0.50	60.53 4.12 -17.92	48.08 3.84 -2.99	51.60 4.76 -0.61	56.98 4.34 -6.41	62.16 4.74 -10.42	94.94 4.86 -45.07	106.59 5.05 -55.22	106.69 5.10 -55.27	73.15 5.13 -21.78	62.31 4.96 -11.02	51.13 4.71 -0.24	50.35 4.26 -4.34	49.89 4.68 -3.05	45.85 4.08 -4.97	42.49 4.17 -1.39
NORTHPORT__4 23650	53.31 4.03 -8.16	42.32 3.43 -1.21	38.51 3.15 -0.40	36.30 2.99 -0.46	35.80 3.05 0.00	38.74 3.17 -3.29	38.27 2.84 -6.44	39.98 3.18 -6.82	40.09 3.70 -0.50	60.53 4.12 -17.92	48.08 3.84 -2.99	51.60 4.76 -0.61	56.98 4.34 -6.41	62.16 4.74 -10.42	94.94 4.86 -45.07	106.59 5.05 -55.22	106.69 5.10 -55.27	73.15 5.13 -21.78	62.31 4.96 -11.02	51.13 4.71 -0.24	50.35 4.26 -4.34	49.89 4.68 -3.05	45.85 4.08 -4.97	42.49 4.17 -1.39
NORTHPORT__IC 23718	53.39 4.11 -8.16	42.43 3.54 -1.21	38.61 3.25 -0.40	36.36 3.06 -0.46	35.87 3.11 0.00	38.84 3.26 -3.29	38.35 2.93 -6.44	40.01 3.21 -6.82	40.12 3.73 -0.50	60.49 4.08 -17.92	48.13 4.05 -2.83	51.29 4.44 -0.62	56.94 4.30 -6.41	61.89 4.47 -10.43	94.68 4.59 -45.08	106.51 4.96 -55.23	106.51 4.91 -55.28	72.88 4.85 -21.79	62.03 4.68 -11.03	50.91 4.48 -0.25	50.16 4.09 -4.32	49.30 4.09 -3.06	45.34 3.83 -4.72	42.20 3.88 -1.40

NORTH__COUNTRY_ESR 323785	39.55 -1.56 0.00	36.47 -1.21 0.00	33.98 -0.98 0.00	32.00 -0.85 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.44 -0.55 0.00	29.41 -0.57 0.00	35.21 -0.68 0.00	37.84 -0.65 0.00	40.23 -1.03 0.00	44.75 -1.48 0.00	44.75 -1.48 0.00	45.30 -1.69 0.00	43.66 -1.35 0.00	44.61 -1.71 0.00	44.56 -1.76 0.00	44.57 -1.66 0.00	44.52 -1.81 0.00	44.66 -1.52 0.00	40.41 -1.34 0.00	40.97 -1.18 0.00	36.36 -0.44 0.00	36.44 -0.48 0.00
NPX_GEN_1385_PROXY 323591	52.81 3.54 -8.16	42.02 3.13 -1.21	38.23 2.87 -0.40	36.00 2.69 -0.46	35.50 2.75 0.00	38.49 2.91 -3.29	38.01 2.58 -6.44	39.65 2.85 -6.82	39.65 3.27 -0.50	53.90 3.12 -12.29	47.05 2.97 -2.83	50.66 3.42 -1.01	55.60 2.96 -6.41	56.00 3.10 -5.91	60.51 3.28 -12.22	59.81 3.57 -9.92	64.78 3.57 -14.89	71.58 3.56 -21.79	67.29 3.43 -17.53	55.32 3.47 -5.68	51.06 3.26 -6.05	48.30 3.25 -2.90	43.70 2.76 -4.14	41.39 3.06 -1.40
NPX_GEN_CSC 323557	54.04 4.77 -8.16	43.15 4.26 -1.21	39.31 3.95 -0.40	36.89 3.58 -0.46	36.35 3.60 0.00	39.39 3.81 -3.29	38.82 3.39 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.23 4.81 -17.93	54.63 4.99 -8.38	57.35 5.78 -5.35	58.19 5.55 -6.42	125.00 5.83 -72.18	117.62 5.85 -66.76	142.66 6.30 -90.03	224.51 6.35 -171.83	135.78 6.29 -83.26	140.95 6.16 -88.46	116.93 5.82 -64.93	73.37 5.30 -26.32	57.84 5.40 -10.29	55.31 4.67 -13.84	51.45 4.77 -9.76
NSINS_S_GLNS_FALLS 23858	44.32 3.21 0.00	40.66 2.98 0.00	37.72 2.76 0.00	36.88 2.56 -1.46	35.31 2.55 0.00	35.05 2.52 -0.25	39.89 2.32 -8.58	35.90 2.40 -3.52	38.87 2.98 0.00	41.73 3.23 0.00	44.56 3.30 0.00	51.17 3.70 -1.24	57.59 3.51 -7.85	68.95 3.29 -18.66	74.19 2.84 -26.34	71.37 2.78 -22.26	76.90 2.92 -27.66	82.19 2.91 -33.05	72.80 3.38 -23.09	56.70 3.19 -7.34	52.66 2.96 -7.94	50.24 3.29 -4.79	43.50 2.76 -3.95	40.80 2.51 -1.37
NUCOR_STEEL__DRP 24197	42.06 0.95 0.00	38.28 0.60 0.00	35.38 0.42 0.00	33.23 0.33 -0.05	33.05 0.29 0.00	32.60 0.29 -0.02	29.99 0.26 -0.74	30.53 0.24 -0.30	36.32 0.43 0.00	38.92 0.42 0.00	41.75 0.50 0.00	47.03 0.69 -0.11	47.49 0.55 -0.70	49.52 0.85 -1.68	47.89 0.45 -2.43	49.06 0.69 -2.04	49.54 0.74 -2.48	49.87 0.69 -2.95	49.00 0.69 -1.99	47.41 0.60 -0.63	42.93 0.50 -0.68	43.03 0.46 -0.41	37.50 0.26 -0.45	37.41 0.37 -0.12
NUMBER_THREE_WT_PWR 323818	42.02 0.90 0.00	38.70 1.02 0.00	35.76 0.80 0.00	33.61 0.76 0.00	33.64 0.88 0.00	33.16 0.87 -0.01	29.88 0.67 -0.22	30.73 0.66 -0.09	36.72 0.83 0.00	39.30 0.81 0.00	42.08 0.82 0.00	47.19 0.92 -0.03	47.32 0.88 -0.21	48.25 0.75 -0.51	46.15 0.40 -0.74	47.36 0.42 -0.62	47.49 0.42 -0.75	47.54 0.42 -0.89	47.71 0.79 -0.60	47.25 0.88 -0.19	42.84 0.88 -0.21	43.42 1.14 -0.13	37.82 0.88 -0.15	37.81 0.85 -0.04
NYISO_LBMP_REFERENCE 24008	41.12 0.00 0.00	37.68 0.00 0.00	34.96 0.00 0.00	32.85 0.00 0.00	32.75 0.00 0.00	32.28 0.00 0.00	28.99 0.00 0.00	29.98 0.00 0.00	35.89 0.00 0.00	38.49 0.00 0.00	41.26 0.00 0.00	46.23 0.00 0.00	46.23 0.00 0.00	46.99 0.00 0.00	45.01 0.00 0.00	46.33 0.00 0.00	46.33 0.00 0.00	46.23 0.00 0.00	46.33 0.00 0.00	46.18 0.00 0.00	41.75 0.00 0.00	42.15 0.00 0.00	36.79 0.00 0.00	36.92 0.00 0.00
NYPA_BRENTWD__GT 24164	54.29 5.01 -8.16	43.22 4.33 -1.21	39.31 3.95 -0.40	37.02 3.71 -0.46	36.48 3.73 0.00	39.48 3.90 -3.29	38.90 3.48 -6.44	40.61 3.81 -6.82	40.84 4.45 -0.50	61.34 4.93 -17.92	56.05 5.03 -9.76	53.72 5.59 -1.90	58.05 5.41 -6.41	79.81 5.54 -27.28	101.58 5.58 -50.99	117.06 6.02 -64.72	139.42 6.02 -87.08	90.76 5.97 -38.56	84.22 5.74 -32.16	69.57 5.49 -17.89	58.41 5.13 -11.52	52.17 5.14 -4.87	58.16 4.75 -16.61	44.74 4.77 -3.05
NYPA_GOWANUS__GT5 24156	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.49 5.27 -32.00	169.59 5.10 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.32 4.51 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NYPA_GOWANUS__GT6 24157	44.77 3.66 0.00	40.81 3.13 0.00	37.94 2.97 -0.01	36.21 2.89 -0.46	35.74 2.98 -0.01	35.55 3.07 -0.19	38.19 2.76 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.09 -0.06	88.09 4.85 -37.01	88.17 4.72 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.43 5.42 -36.69	165.49 5.42 -113.75	83.49 5.27 -32.00	169.59 5.10 -118.17	83.37 4.71 -32.48	103.23 4.38 -57.10	83.32 4.51 -36.65	43.60 3.79 -3.02	41.64 3.69 -1.03
NYPA_HARLEM_RVR_GT1 24160	44.53 3.41 -0.01	40.66 2.98 -0.01	37.77 2.80 -0.01	36.08 2.76 -0.46	35.61 2.85 -0.01	35.39 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.16 3.27 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.66 4.44 -0.99	56.89 4.25 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	77.99 4.99 -26.76	68.32 4.68 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.33 3.57 -2.97	41.47 3.51 -1.03
NYPA_HARLEM_RVR_GT2 24161	44.53 3.41 -0.01	40.66 2.98 -0.01	37.77 2.80 -0.01	36.08 2.76 -0.46	35.61 2.85 -0.01	35.39 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.16 3.27 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.66 4.44 -0.99	56.89 4.25 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	77.99 4.99 -26.76	68.32 4.68 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.33 3.57 -2.97	41.47 3.51 -1.03
NYPA_KENT__GT 24152	44.65 3.54 0.00	40.73 3.05 0.00	37.83 2.87 0.00	36.14 2.83 -0.46	35.67 2.91 0.00	35.45 2.97 -0.19	38.13 2.70 -6.44	35.69 3.06 -2.65	39.34 3.45 0.00	42.07 3.58 0.00	45.25 3.96 -0.03	51.97 4.72 -1.02	61.03 4.58 -10.22	79.31 4.98 -27.34	102.62 4.86 -52.75	80.72 5.28 -29.12	126.37 5.28 -74.77	81.12 5.13 -29.76	126.34 4.96 -75.06	71.65 4.53 -20.94	81.25 4.26 -35.24	69.06 4.38 -22.52	43.47 3.68 -2.99	41.53 3.58 -1.03
NYPA_POUCH1__GT 24155	41.18 3.49 3.43	38.83 2.98 1.83	37.23 2.80 0.52	36.11 2.79 -0.46	35.64 2.88 -0.01	35.48 3.00 -0.19	38.79 2.67 -7.13	35.66 3.03 -2.65	40.33 3.41 -1.02	40.92 3.50 1.07	48.42 3.92 -3.24	110.14 4.72 -59.19	109.17 4.58 -58.36	104.54 5.03 -52.52	155.57 4.91 -105.65	102.36 5.33 -50.71	212.73 5.33 -161.08	91.71 5.18 -40.30	221.79 5.00 -170.46	101.95 4.57 -51.19	131.49 4.26 -85.47	102.02 4.38 -55.48	44.41 3.64 -3.97	40.53 3.55 -0.06
NYPA_VERNON__GT2 24162	44.53 3.41 0.00	40.66 2.98 0.00	37.76 2.80 0.00	36.07 2.76 -0.46	35.60 2.85 0.00	35.39 2.91 -0.19	38.07 2.64 -6.44	35.63 3.00 -2.65	39.23 3.34 0.00	41.96 3.47 0.00	45.10 3.84 -0.01	51.81 4.58 -1.00	57.08 4.44 -6.42	70.34 4.89 -18.46	80.15 4.77 -30.38	73.02 5.14 -21.55	87.25 5.14 -35.78	78.75 4.99 -27.52	83.09 4.82 -31.94	60.02 4.43 -9.41	59.26 4.13 -13.37	54.80 4.26 -8.39	43.33 3.57 -2.97	41.46 3.51 -1.03

NYPA_VERNON____GT3 24163	44.53 3.41 0.00	40.66 2.98 0.00	37.76 2.80 0.00	36.07 2.76 -0.46	35.60 2.85 0.00	35.39 2.91 -0.19	38.07 2.64 -6.44	35.63 3.00 -2.65	39.23 3.34 0.00	41.96 3.47 0.00	45.10 3.84 -0.01	51.81 4.58 -1.00	57.08 4.44 -6.42	70.34 4.89 -18.46	80.15 4.77 -30.38	73.02 5.14 -21.55	87.25 5.14 -35.78	78.75 4.99 -27.52	83.09 4.82 -31.94	60.02 4.43 -9.41	59.26 4.13 -13.37	54.80 4.26 -8.39	43.33 3.57 -2.97	41.46 3.51 -1.03
NYPA____ASTORIA_CC1 323568	44.49 3.37 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.53 2.78 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.71 4.48 -0.99	56.94 4.30 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.36 5.05 -18.98	73.93 5.05 -22.56	77.89 4.90 -26.76	68.32 4.68 -17.32	55.97 4.30 -5.49	51.75 4.05 -5.95	49.92 4.17 -3.60	43.25 3.50 -2.96	41.42 3.47 -1.03
NYPA____ASTORIA_CC2 323569	44.49 3.37 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.53 2.78 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.88 3.39 0.00	45.01 3.75 0.00	51.71 4.48 -0.99	56.94 4.30 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.36 5.05 -18.98	73.93 5.05 -22.56	77.89 4.90 -26.76	68.32 4.68 -17.32	55.97 4.30 -5.49	51.75 4.05 -5.95	49.92 4.17 -3.60	43.25 3.50 -2.96	41.42 3.47 -1.03
NYPA____HOLTSVILL 23794	54.00 4.73 -8.16	43.04 4.14 -1.21	39.14 3.78 -0.40	36.83 3.52 -0.46	36.32 3.57 0.00	39.32 3.74 -3.29	38.76 3.33 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.12 4.69 -17.93	54.23 4.66 -8.31	56.87 5.36 -5.28	57.73 5.09 -6.42	123.61 5.36 -71.26	116.85 5.40 -66.44	141.63 5.79 -89.52	222.18 5.74 -170.11	134.32 5.73 -82.35	139.15 5.51 -87.32	115.46 5.31 -63.97	72.63 4.88 -25.99	56.74 4.97 -9.62	55.57 4.49 -14.29	51.12 4.58 -9.62
NYPA____HELLGATE_GT1 24158	44.53 3.41 -0.01	40.66 2.98 -0.01	37.77 2.80 -0.01	36.08 2.76 -0.46	35.61 2.85 -0.01	35.39 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.16 3.27 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.66 4.44 -0.99	56.89 4.25 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	77.99 4.99 -26.76	68.32 4.68 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.33 3.57 -2.97	41.47 3.51 -1.03
NYPA____HELLGATE_GT2 24159	44.53 3.41 -0.01	40.66 2.98 -0.01	37.77 2.80 -0.01	36.08 2.76 -0.46	35.61 2.85 -0.01	35.39 2.91 -0.19	38.07 2.64 -6.44	35.54 2.91 -2.65	39.16 3.27 0.00	41.73 3.23 0.00	44.93 3.67 0.00	51.66 4.44 -0.99	56.89 4.25 -6.41	67.18 4.74 -15.44	72.48 4.68 -22.79	70.37 5.05 -18.99	73.94 5.05 -22.57	77.99 4.99 -26.76	68.32 4.68 -17.32	55.92 4.25 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.33 3.57 -2.97	41.47 3.51 -1.03
NYS_BARGE____HYD 23848	39.88 -1.23 0.00	36.51 -1.17 0.00	33.73 -1.22 0.00	31.44 -1.48 -0.06	31.60 -1.15 0.00	30.86 -1.45 -0.03	28.96 -0.93 -0.90	28.94 -1.41 -0.37	34.71 -1.18 0.00	36.99 -1.50 0.00	39.48 -1.77 0.00	44.19 -2.17 -0.13	44.78 -2.31 -0.86	47.32 -1.74 -2.06	45.51 -2.48 -2.98	46.88 -1.94 -2.50	47.42 -1.94 -3.03	47.72 -2.13 -3.61	47.04 -1.71 -2.43	44.88 -2.08 -0.77	40.71 -1.88 -0.84	40.51 -2.15 -0.51	35.89 -1.32 -0.42	36.37 -0.70 -0.14
OAK ORCHARD____HYD 24046	40.91 -0.20 0.00	37.30 -0.38 0.00	34.47 -0.49 0.00	32.31 -0.59 -0.05	32.23 -0.53 0.00	31.85 -0.45 -0.02	29.59 -0.14 -0.75	29.90 -0.39 -0.31	35.60 -0.29 0.00	38.07 -0.42 0.00	40.76 -0.49 0.00	46.02 -0.32 -0.11	46.62 -0.32 -0.71	48.84 0.14 -1.70	46.88 -0.59 -2.45	48.15 -0.23 -2.06	48.60 -0.23 -2.50	48.89 -0.32 -2.98	48.28 -0.05 -2.01	46.59 -0.23 -0.64	42.11 -0.34 -0.69	42.07 -0.50 -0.42	36.88 -0.26 -0.34	37.12 0.07 -0.12
OAKDALE____35_KV_LOAD 356122	42.02 0.90 0.00	38.21 0.53 0.00	35.38 0.42 0.00	33.30 0.30 -0.15	33.05 0.29 0.00	32.56 0.23 -0.05	31.10 0.23 -1.87	30.99 0.24 -0.77	36.39 0.50 0.00	38.99 0.50 0.00	41.83 0.58 0.00	47.06 0.55 -0.28	48.52 0.51 -1.79	52.02 0.75 -4.28	51.54 0.36 -6.17	52.20 0.69 -5.18	53.40 0.79 -6.29	54.41 0.69 -7.49	52.11 0.74 -5.04	48.34 0.55 -1.60	43.99 0.50 -1.73	43.62 0.42 -1.05	37.96 0.26 -0.90	37.59 0.37 -0.30
OCC_CHEM____DRP 24175	40.58 -0.53 0.00	36.10 -1.58 0.00	33.39 -1.57 0.00	31.27 -1.64 -0.07	31.21 -1.54 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.67 -2.44 -2.12	44.96 -3.11 -3.06	46.43 -2.46 -2.56	47.12 -2.32 -3.12	47.44 -2.50 -3.71	46.37 -2.46 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	40.02 -2.66 -0.52	35.09 -2.13 -0.43	35.85 -1.22 -0.15
OH_GEN_PROXY 24063	39.67 -1.44 0.00	36.21 -1.47 0.00	33.46 -1.50 0.00	31.37 -1.54 -0.06	31.31 -1.44 0.00	30.83 -1.48 -0.03	28.92 -0.99 -0.92	28.92 -1.44 -0.38	34.60 -1.29 0.00	36.88 -1.62 0.00	39.40 -1.86 0.00	44.15 -2.22 -0.14	44.79 -2.31 -0.87	47.35 -1.74 -2.09	45.59 -2.43 -3.02	46.95 -1.90 -2.53	47.55 -1.85 -3.07	47.86 -2.03 -3.66	47.12 -1.67 -2.47	44.89 -2.08 -0.78	40.72 -1.88 -0.85	41.09 -2.15 -1.08	35.10 -1.54 0.15	36.11 -0.96 -0.15
OLIN_CORP_DRP 24177	40.99 -0.12 0.00	35.95 -1.73 0.00	33.18 -1.78 0.00	31.08 -1.84 -0.07	31.02 -1.74 0.00	30.54 -1.78 -0.03	28.71 -1.22 -0.94	28.63 -1.74 -0.38	34.28 -1.62 0.00	36.53 -1.96 0.00	39.03 -2.23 0.00	43.64 -2.73 -0.14	44.30 -2.82 -0.89	46.83 -2.30 -2.14	45.12 -2.97 -3.09	46.60 -2.32 -2.59	47.25 -2.22 -3.15	47.62 -2.36 -3.75	46.53 -2.32 -2.52	44.40 -2.59 -0.80	40.28 -2.34 -0.87	40.15 -2.53 -0.52	35.24 -1.99 -0.43	35.86 -1.22 -0.15
OLIN_CORP_DSASP 323712	39.51 -1.60 0.00	35.76 -1.92 0.00	33.04 -1.92 0.00	31.28 -1.64 -0.07	30.95 -1.80 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.66 -2.45 -2.12	44.96 -3.11 -3.05	46.34 -2.55 -2.56	46.89 -2.55 -3.11	47.21 -2.73 -3.71	46.46 -2.36 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	39.93 -2.74 -0.52	35.27 -1.95 -0.43	35.85 -1.22 -0.15
ONEIDA_HERK_LFGE 323681	42.18 1.07 0.00	38.81 1.13 0.00	35.87 0.91 0.00	33.70 0.85 0.00	33.64 0.88 0.00	33.16 0.87 -0.01	29.91 0.73 -0.20	30.81 0.75 -0.08	36.82 0.93 0.00	39.49 1.00 0.00	42.33 1.07 0.00	47.51 1.25 -0.03	47.67 1.25 -0.19	48.57 1.13 -0.45	46.47 0.81 -0.65	47.75 0.88 -0.55	47.87 0.88 -0.67	47.81 0.79 -0.79	47.93 1.07 -0.53	47.41 1.06 -0.17	42.94 1.00 -0.18	43.44 1.18 -0.11	37.83 0.92 -0.12	37.88 0.92 -0.03
ONEIDA____115KV_TB4 55905	42.55 1.44 0.00	39.00 1.32 0.00	36.04 1.08 0.00	33.80 0.95 0.00	33.57 0.82 0.00	33.23 0.94 -0.01	30.12 0.75 -0.37	30.92 0.78 -0.15	36.90 1.00 0.00	39.57 1.08 0.00	42.45 1.20 0.00	47.67 1.39 -0.06	48.02 1.43 -0.35	49.25 1.41 -0.85	47.22 0.99 -1.23	48.51 1.16 -1.03	48.73 1.16 -1.25	48.78 1.06 -1.49	48.58 1.25 -1.00	47.70 1.20 -0.32	43.22 1.13 -0.34	43.58 1.22 -0.21	37.96 0.96 -0.21	37.94 0.96 -0.06

ONONDAGA_REF_OCCRA 23987	41.32 0.21 0.00	37.68 0.00 0.00	34.89 -0.07 0.00	32.73 -0.16 -0.04	32.52 -0.23 0.00	32.05 -0.26 -0.02	29.42 -0.23 -0.67	30.02 -0.24 -0.27	35.71 -0.18 0.00	38.30 -0.19 0.00	41.09 -0.17 0.00	46.24 -0.09 -0.10	46.73 -0.14 -0.64	48.56 0.05 -1.52	46.98 -0.23 -2.19	48.17 0.00 -1.84	48.56 0.00 -2.24	48.85 -0.05 -2.66	48.07 -0.05 -1.79	46.61 -0.14 -0.57	42.20 -0.17 -0.62	42.32 -0.21 -0.37	36.88 -0.29 -0.38	36.77 -0.26 -0.11
ONONDAGA___COGEN 23986	41.44 0.33 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.62 -0.13 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.23 -1.41	46.96 -0.09 -2.04	48.13 0.09 -1.71	48.55 0.14 -2.08	48.75 0.05 -2.48	48.04 0.05 -1.67	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.40	36.88 -0.15 -0.10
ONTARIO___LFGE 23819	41.69 0.58 0.00	38.02 0.34 0.00	35.10 0.14 0.00	32.91 0.00 -0.06	32.78 0.03 0.00	32.31 0.00 -0.03	30.09 0.23 -0.87	30.52 0.18 -0.36	36.18 0.29 0.00	38.72 0.23 0.00	41.46 0.21 0.00	46.59 0.23 -0.13	47.20 0.14 -0.83	49.54 0.57 -1.98	47.83 -0.04 -2.86	49.10 0.37 -2.40	49.66 0.42 -2.92	50.07 0.37 -3.48	49.31 0.65 -2.34	47.39 0.46 -0.74	42.89 0.33 -0.80	42.85 0.21 -0.49	37.34 0.11 -0.43	37.32 0.26 -0.14
ORANGEVILLE_WT_PWR 323706	40.95 -0.16 0.00	37.30 -0.38 0.00	34.44 -0.52 0.00	32.28 -0.66 -0.08	32.20 -0.56 0.00	31.51 -0.81 -0.03	29.67 -0.43 -1.11	29.66 -0.78 -0.45	35.60 -0.29 0.00	37.99 -0.50 0.00	40.59 -0.66 0.00	45.24 -1.15 -0.17	46.04 -1.25 -1.06	48.82 -0.70 -2.53	47.22 -1.44 -3.65	48.60 -0.79 -3.06	49.26 -0.79 -3.72	49.74 -0.92 -4.43	48.71 -0.60 -2.99	46.21 -0.92 -0.95	41.94 -0.83 -1.03	41.68 -1.10 -0.62	36.60 -0.70 -0.51	36.84 -0.26 -0.18
ORANGEVILLE___ESR 323794	40.95 -0.16 0.00	37.30 -0.38 0.00	34.44 -0.52 0.00	32.28 -0.66 -0.08	32.20 -0.56 0.00	31.51 -0.81 -0.03	29.67 -0.43 -1.11	29.66 -0.78 -0.45	35.60 -0.29 0.00	37.99 -0.50 0.00	40.59 -0.66 0.00	45.24 -1.15 -0.17	46.04 -1.25 -1.06	48.82 -0.70 -2.53	47.22 -1.44 -3.65	48.60 -0.79 -3.06	49.26 -0.79 -3.72	49.74 -0.92 -4.43	48.71 -0.60 -2.99	46.21 -0.92 -0.95	41.94 -0.83 -1.03	41.68 -1.10 -0.62	36.60 -0.70 -0.51	36.84 -0.26 -0.18
OSWEGATCHIE___HYD 24044	40.78 -0.33 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.72 -0.13 0.00	32.92 0.16 0.00	32.52 0.23 0.00	29.24 0.09 -0.16	30.14 0.09 -0.07	36.00 0.11 0.00	38.65 0.15 0.00	41.30 0.04 0.00	46.25 0.00 -0.02	46.34 -0.05 -0.16	47.13 -0.23 -0.37	45.19 -0.36 -0.54	46.27 -0.51 -0.45	46.32 -0.55 -0.55	46.38 -0.51 -0.66	46.44 -0.32 -0.44	46.23 -0.09 -0.14	41.86 -0.04 -0.15	42.42 0.17 -0.09	37.09 0.18 -0.11	37.10 0.15 -0.03
OSWEGO___5 23606	40.46 -0.66 0.00	37.04 -0.64 0.00	34.33 -0.63 0.00	32.19 -0.66 0.00	32.06 -0.69 0.00	31.56 -0.74 -0.01	28.76 -0.67 -0.44	29.48 -0.69 -0.18	35.14 -0.76 0.00	37.61 -0.88 0.00	40.35 -0.91 0.00	45.32 -0.97 -0.07	45.68 -0.97 -0.42	47.15 -0.84 -1.00	45.42 -1.03 -1.45	46.57 -0.98 -1.22	46.88 -0.93 -1.48	47.01 -0.97 -1.76	46.58 -0.93 -1.18	45.54 -1.02 -0.38	41.24 -0.92 -0.41	41.43 -0.97 -0.25	36.57 -0.88 -0.66	36.18 -0.81 -0.07
OSWEGO___6 23613	40.46 -0.66 0.00	37.04 -0.64 0.00	34.33 -0.63 0.00	32.19 -0.66 0.00	32.06 -0.69 0.00	31.56 -0.74 -0.01	28.76 -0.67 -0.44	29.48 -0.69 -0.18	35.14 -0.76 0.00	37.61 -0.88 0.00	40.35 -0.91 0.00	45.32 -0.97 -0.07	45.68 -0.97 -0.42	47.15 -0.84 -1.00	45.42 -1.03 -1.45	46.57 -0.98 -1.22	46.88 -0.93 -1.48	47.01 -0.97 -1.76	46.58 -0.93 -1.18	45.54 -1.02 -0.38	41.24 -0.92 -0.41	41.43 -0.97 -0.25	36.57 -0.88 -0.66	36.18 -0.81 -0.07
OUTOKUMPU-AB___DRP 24206	41.81 0.70 0.00	37.00 -0.68 0.00	34.16 -0.80 0.00	32.00 -0.92 -0.07	31.93 -0.82 0.00	31.38 -0.94 -0.03	29.41 -0.52 -0.95	29.32 -1.05 -0.39	35.21 -0.68 0.00	37.57 -0.92 0.00	40.10 -1.16 0.00	44.61 -1.76 -0.14	45.24 -1.90 -0.90	47.88 -1.27 -2.16	46.10 -2.03 -3.12	47.64 -1.30 -2.61	48.30 -1.20 -3.18	48.58 -1.43 -3.78	47.44 -1.44 -2.55	45.23 -1.75 -0.81	41.08 -1.54 -0.88	41.08 -1.60 -0.53	36.02 -1.21 -0.44	36.67 -0.41 -0.15
OXBOW___ 24026	40.17 -0.94 0.00	36.47 -1.21 0.00	33.67 -1.29 0.00	31.74 -1.18 -0.07	31.54 -1.21 0.00	31.15 -1.16 -0.03	29.17 -0.75 -0.94	29.05 -1.32 -0.38	34.78 -1.11 0.00	37.11 -1.38 0.00	39.60 -1.65 0.00	44.24 -2.13 -0.14	44.86 -2.26 -0.89	47.44 -1.69 -2.14	45.70 -2.39 -3.08	47.10 -1.81 -2.59	47.66 -1.81 -3.14	47.94 -2.03 -3.74	47.13 -1.71 -2.52	44.90 -2.08 -0.80	40.78 -1.84 -0.87	40.61 -2.06 -0.52	35.83 -1.40 -0.43	36.37 -0.70 -0.15
OXY_CHEM_DSASP 323612	40.58 -0.53 0.00	36.10 -1.58 0.00	33.39 -1.57 0.00	31.27 -1.64 -0.07	31.21 -1.54 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.67 -2.44 -2.12	44.96 -3.11 -3.06	46.43 -2.46 -2.56	47.12 -2.32 -3.12	47.44 -2.50 -3.71	46.37 -2.46 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	40.02 -2.66 -0.52	35.09 -2.13 -0.43	35.85 -1.22 -0.15
OZONE_PARK_ESR 323760	44.69 3.58 0.00	40.96 3.28 0.00	37.93 2.97 0.00	36.26 2.96 -0.46	35.80 3.05 0.00	35.57 3.10 -0.19	38.24 2.81 -6.44	35.80 3.18 -2.64	39.44 3.55 0.00	42.38 3.89 0.00	45.51 4.25 0.00	52.49 5.27 -0.99	57.86 5.22 -6.41	68.08 5.64 -15.44	73.24 5.45 -22.79	71.29 5.98 -18.98	74.91 6.02 -22.56	78.77 5.78 -26.76	69.25 5.61 -17.32	56.90 5.22 -5.50	52.42 4.72 -5.95	50.47 4.72 -3.60	43.77 4.01 -2.96	41.79 3.84 -1.03
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.58 -0.53 0.00	36.10 -1.58 0.00	33.39 -1.57 0.00	31.27 -1.64 -0.07	31.21 -1.54 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.67 -2.44 -2.12	44.96 -3.11 -3.06	46.43 -2.46 -2.56	47.12 -2.32 -3.12	47.44 -2.50 -3.71	46.37 -2.46 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	40.02 -2.66 -0.52	35.09 -2.13 -0.43	35.85 -1.22 -0.15
PACKARD__115KV_DUPONT_184 80571	40.58 -0.53 0.00	36.10 -1.58 0.00	33.39 -1.57 0.00	31.27 -1.64 -0.07	31.21 -1.54 0.00	30.76 -1.55 -0.03	28.79 -1.13 -0.93	28.59 -1.77 -0.38	34.17 -1.72 0.00	36.41 -2.08 0.00	38.86 -2.39 0.00	43.55 -2.82 -0.14	44.20 -2.91 -0.88	46.67 -2.44 -2.12	44.96 -3.11 -3.06	46.43 -2.46 -2.56	47.12 -2.32 -3.12	47.44 -2.50 -3.71	46.37 -2.46 -2.50	44.25 -2.72 -0.79	40.19 -2.42 -0.86	40.02 -2.66 -0.52	35.09 -2.13 -0.43	35.85 -1.22 -0.15
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.33 3.21 -0.01	40.74 3.05 -0.01	37.83 2.87 -0.01	36.14 2.83 -0.46	35.67 2.91 -0.01	35.45 2.97 -0.19	38.10 2.67 -6.44	35.60 2.97 -2.65	39.16 3.27 0.00	41.80 3.31 0.00	45.01 3.75 0.00	51.48 4.25 -0.99	56.94 4.30 -6.41	67.23 4.79 -15.44	72.53 4.73 -22.79	70.55 5.23 -18.99	74.17 5.28 -22.57	77.99 4.99 -26.76	68.37 4.73 -17.32	55.88 4.20 -5.49	51.84 4.13 -5.95	50.06 4.30 -3.60	43.52 3.75 -2.97	41.54 3.58 -1.03

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.82 3.70 -0.01	41.23 3.54 -0.01	38.29 3.32 -0.01	36.57 3.25 -0.46	35.94 3.18 -0.01	35.90 3.42 -0.19	38.54 3.10 -6.44	35.99 3.36 -2.65	39.62 3.73 0.00	42.30 3.81 0.00	45.55 4.29 0.00	52.12 4.90 -0.99	57.63 4.99 -6.41	68.03 5.59 -15.44	73.29 5.49 -22.79	71.39 6.07 -18.99	75.01 6.11 -22.57	78.86 5.87 -26.76	69.25 5.61 -17.32	56.71 5.03 -5.49	52.55 4.84 -5.95	50.77 5.02 -3.60	44.14 4.38 -2.97	42.20 4.25 -1.03
PATROON__115KV_TB1 80586	42.64 1.52 0.00	39.38 1.70 0.00	36.53 1.57 0.00	35.55 1.58 -1.12	34.09 1.34 0.00	33.85 1.32 -0.24	38.53 1.19 -8.35	34.61 1.20 -3.42	37.29 1.40 0.00	40.03 1.54 0.00	42.95 1.69 0.00	49.24 1.80 -1.21	55.73 1.85 -7.65	67.07 1.88 -18.20	72.39 1.67 -25.72	69.77 1.71 -21.73	75.00 1.71 -26.96	80.15 1.71 -32.21	70.51 1.71 -22.47	54.93 1.62 -7.14	50.90 1.42 -7.73	48.34 1.52 -4.67	42.07 1.43 -3.84	39.62 1.37 -1.33
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.27 1.15 0.00	37.45 -0.23 0.00	34.50 -0.45 0.00	32.30 -0.62 -0.07	32.26 -0.49 0.00	31.22 -1.10 -0.03	29.15 -0.87 -1.03	29.24 -1.17 -0.42	35.78 -0.11 0.00	38.18 -0.31 0.00	40.80 -0.45 0.00	44.67 -1.71 -0.15	45.41 -1.80 -0.98	48.22 -1.13 -2.35	46.51 -1.89 -3.40	48.11 -1.07 -2.85	48.86 -0.93 -3.46	49.15 -1.20 -4.12	47.90 -1.20 -2.78	45.45 -1.62 -0.88	41.24 -1.46 -0.95	41.04 -1.69 -0.58	35.83 -1.44 -0.47	36.24 -0.85 -0.16
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.32 3.21 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.88 2.56 -0.47	35.50 2.75 0.00	35.28 2.81 -0.19	38.07 2.55 -6.53	35.36 2.70 -2.68	39.05 3.16 0.00	41.99 3.50 0.00	45.13 3.88 0.00	52.41 5.18 -1.00	57.87 5.18 -6.46	68.14 5.59 -15.55	73.33 5.45 -22.87	71.28 5.88 -19.08	74.72 5.65 -22.74	78.73 5.50 -27.00	69.37 5.47 -17.58	56.84 5.08 -5.58	52.26 4.47 -6.04	49.93 4.13 -3.65	43.29 3.50 -3.00	41.33 3.36 -1.04
PEEKSKILL____ 23653	43.99 2.88 0.00	40.17 2.49 0.00	37.23 2.27 0.00	35.54 2.24 -0.45	35.08 2.33 0.00	34.86 2.39 -0.18	37.51 2.18 -6.35	35.01 2.43 -2.60	38.69 2.80 0.00	41.53 3.04 0.00	44.56 3.30 0.00	51.37 4.16 -0.98	56.76 4.21 -6.32	66.74 4.51 -15.23	71.84 4.36 -22.46	69.77 4.73 -18.72	73.25 4.68 -22.25	77.20 4.58 -26.39	67.90 4.49 -17.09	55.81 4.20 -5.43	51.34 3.71 -5.87	49.37 3.67 -3.55	42.69 2.98 -2.92	40.82 2.88 -1.01
PGE MADISON__WINDPWR 24146	44.98 3.86 0.00	41.41 3.73 0.00	38.07 3.11 0.00	35.92 2.89 -0.18	35.67 2.91 0.00	35.14 2.81 -0.05	33.13 2.38 -1.76	33.13 2.43 -0.72	39.05 3.16 0.00	41.88 3.39 0.00	44.76 3.50 0.00	50.42 3.93 -0.26	51.79 3.88 -1.68	54.68 3.67 -4.02	53.51 2.70 -5.80	54.35 3.15 -4.87	55.43 3.19 -5.92	56.19 2.91 -7.04	54.73 3.66 -4.74	51.15 3.47 -1.51	46.60 3.22 -1.63	46.64 3.50 -0.98	40.52 2.87 -0.86	40.16 2.96 -0.28
PIERCEFIELD__HYD 23852	39.39 -1.73 0.00	36.40 -1.28 0.00	33.77 -1.19 0.00	31.90 -0.95 0.00	32.23 -0.52 0.00	31.90 -0.39 0.00	28.58 -0.41 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.49 -0.74 0.00	45.49 -0.74 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.03 -1.30 0.00	44.94 -1.39 0.00	44.89 -1.34 0.00	45.07 -1.25 0.00	45.21 -0.97 0.00	40.87 -0.88 0.00	41.44 -0.72 0.00	36.37 -0.44 0.00	36.41 -0.52 0.00
PINELAWN_CC_1 323563	53.92 4.64 -8.16	42.88 3.99 -1.21	39.03 3.67 -0.40	36.76 3.45 -0.46	36.26 3.51 0.00	39.19 3.62 -3.29	38.67 3.25 -6.44	40.37 3.57 -6.82	40.51 4.13 -0.50	60.95 4.54 -17.92	50.19 4.66 -4.28	52.55 5.04 -1.28	57.40 4.76 -6.41	71.00 4.89 -19.12	98.13 5.00 -48.13	111.86 5.42 -60.12	123.47 5.46 -71.68	82.08 5.41 -30.44	73.44 5.19 -21.93	60.61 5.08 -9.35	53.98 4.68 -7.55	50.91 4.76 -3.99	48.49 4.49 -7.20	43.23 4.47 -1.84
PJM_GEN_HTP_PROXY 323702	44.36 3.25 0.00	40.47 2.79 0.00	37.51 2.55 0.00	35.84 2.53 -0.46	35.37 2.62 0.00	35.15 2.68 -0.19	37.89 2.46 -6.44	35.41 2.79 -2.64	39.01 3.12 0.00	41.88 3.39 0.00	44.97 3.71 0.00	51.80 4.58 -0.99	57.22 4.58 -6.41	67.37 4.93 -15.44	72.61 4.82 -22.79	70.50 5.19 -18.98	74.07 5.19 -22.56	78.08 5.09 -26.76	68.55 4.91 -17.32	56.25 4.57 -5.50	51.84 4.13 -5.95	50.46 4.13 -4.17	42.50 3.31 -2.39	41.24 3.29 -1.03
PJM_GEN_KEystone 24065	41.70 1.11 0.53	38.23 0.83 0.28	35.54 0.66 0.08	33.75 0.62 -0.28	33.47 0.72 0.00	32.98 0.58 -0.11	33.40 0.64 -3.78	32.32 0.75 -1.59	36.88 1.15 0.16	39.48 1.15 0.16	42.01 1.24 0.48	47.31 1.34 0.26	50.35 1.34 -2.78	56.95 1.74 -8.22	58.93 1.31 -12.61	58.62 1.85 -10.44	60.83 1.80 -12.70	63.09 1.71 -15.14	57.67 1.80 -9.54	49.97 1.43 -2.36	45.86 1.25 -2.85	45.48 1.14 -2.19	38.75 0.88 -1.07	38.39 1.00 -0.47
PJM_GEN_NEPTUNE_PROXY 323594	53.02 3.74 -8.16	42.09 3.20 -1.21	38.30 2.94 -0.40	36.13 2.83 -0.46	35.67 2.91 0.00	38.58 3.00 -3.29	38.12 2.70 -6.44	39.80 3.00 -6.82	39.83 3.45 -0.50	60.22 3.81 -17.92	48.41 3.92 -3.23	51.89 4.67 -0.99	57.08 4.44 -6.41	67.19 4.74 -15.45	96.71 4.86 -46.84	109.61 5.23 -58.05	116.27 5.19 -64.75	78.15 5.13 -26.79	68.61 4.96 -17.32	56.40 4.71 -5.50	52.10 4.26 -6.09	50.63 4.30 -4.17	45.31 3.68 -4.83	41.65 3.69 -1.04
PJM_GEN_VFT_PROXY 323633	36.57 2.96 7.51	36.24 2.56 4.01	36.14 2.34 1.16	35.67 2.37 -0.46	35.24 2.49 0.00	34.99 2.52 -0.19	36.23 2.29 -4.95	35.32 2.70 -2.64	36.55 2.87 2.22	39.28 3.12 2.33	37.86 3.47 6.86	39.32 4.30 11.21	41.80 4.30 8.73	52.39 4.61 -0.79	58.28 4.50 -8.77	57.45 4.91 -6.22	62.04 4.86 -10.86	64.94 4.76 -13.95	55.46 4.63 -4.50	42.22 4.25 8.21	41.06 3.88 4.57	42.37 3.92 3.70	40.34 3.16 -0.38	38.92 3.10 1.10
PLATSBRG_115KV_PMLD1 355749	38.94 -2.18 0.00	36.51 -1.17 0.00	34.02 -0.94 0.00	32.03 -0.82 0.00	32.26 -0.49 0.00	31.77 -0.52 0.00	28.50 -0.49 0.00	29.47 -0.51 0.00	35.28 -0.61 0.00	37.91 -0.58 0.00	40.02 -1.24 0.00	44.33 -1.90 0.00	44.38 -1.85 0.00	44.93 -2.07 0.00	43.21 -1.80 0.00	44.10 -2.22 0.00	44.06 -2.27 0.00	44.06 -2.17 0.00	44.15 -2.18 0.00	44.24 -1.94 0.00	40.21 -1.54 0.00	40.89 -1.26 0.00	36.79 0.00 0.00	36.89 -0.04 0.00
PLEASANTVLY__LBMP 24000	43.54 2.43 0.00	39.94 2.26 0.00	37.06 2.10 0.00	35.40 2.07 -0.48	34.88 2.13 0.00	34.64 2.16 -0.20	37.73 1.94 -6.79	34.93 2.16 -2.78	38.33 2.44 0.00	41.15 2.66 0.00	44.10 2.85 0.00	50.89 3.61 -1.05	56.58 3.56 -6.79	67.17 3.81 -16.37	72.85 3.65 -24.20	70.50 4.03 -20.15	74.25 4.03 -23.90	78.46 3.88 -28.34	68.40 3.80 -18.28	55.54 3.56 -5.81	51.25 3.21 -6.29	49.07 3.12 -3.80	42.53 2.61 -3.12	40.52 2.51 -1.08
PLSNTVLE_13_KV_13.8KVDIST 80602	43.99 2.88 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.71 2.40 -0.46	35.21 2.46 0.00	34.99 2.52 -0.19	37.78 2.29 -6.50	35.20 2.55 -2.66	38.83 2.94 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.67 4.44 -1.00	57.09 4.39 -6.47	67.34 4.75 -15.59	72.56 4.55 -23.01	70.54 5.05 -19.17	74.15 5.05 -22.78	78.11 4.85 -27.02	68.58 4.77 -17.49	56.17 4.43 -5.55	51.69 3.92 -6.01	49.58 3.79 -3.63	42.98 3.20 -2.99	40.99 3.03 -1.04

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.99 2.88 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.71 2.40 -0.46	35.21 2.46 0.00	34.99 2.52 -0.19	37.78 2.29 -6.50	35.20 2.55 -2.66	38.83 2.94 0.00	41.69 3.19 0.00	44.76 3.51 0.00	51.67 4.44 -1.00	57.09 4.39 -6.47	67.34 4.75 -15.59	72.56 4.55 -23.01	70.54 5.05 -19.17	74.15 5.05 -22.78	78.11 4.85 -27.02	68.58 4.77 -17.49	56.17 4.43 -5.55	51.69 3.92 -6.01	49.58 3.79 -3.63	42.98 3.20 -2.99	40.99 3.03 -1.04
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.03 2.92 0.00	40.32 2.64 0.00	37.37 2.41 0.00	35.66 2.33 -0.48	35.18 2.42 0.00	34.93 2.45 -0.19	37.79 2.17 -6.63	35.07 2.37 -2.72	38.58 2.69 0.00	41.42 2.93 0.00	44.43 3.18 0.00	51.23 4.02 -0.98	56.53 4.07 -6.23	66.16 4.28 -14.89	70.45 4.10 -21.34	68.81 4.54 -17.95	72.91 4.63 -21.96	76.79 4.39 -26.17	68.46 4.31 -17.83	55.86 4.02 -5.66	51.43 3.55 -6.13	49.36 3.50 -3.70	42.71 2.87 -3.05	40.79 2.81 -1.06
POLETTI____ 23519	44.08 2.96 0.00	40.43 2.75 0.00	37.48 2.52 0.00	35.84 2.53 -0.46	35.40 2.65 0.00	35.15 2.68 -0.19	37.86 2.44 -6.44	35.41 2.79 -2.64	38.97 3.09 0.01	41.79 3.31 0.01	44.88 3.63 0.01	51.74 4.53 -0.98	57.11 4.48 -6.40	67.27 4.84 -15.44	72.48 4.68 -22.79	70.50 5.19 -18.98	74.12 5.23 -22.56	77.98 4.99 -26.76	68.45 4.82 -17.31	56.10 4.43 -5.49	51.75 4.05 -5.95	49.80 4.05 -3.60	43.21 3.46 -2.96	41.24 3.29 -1.03
POMONA____ESR 323819	43.95 2.83 0.00	40.13 2.45 0.00	37.16 2.20 0.00	35.45 2.17 -0.44	34.98 2.23 0.00	34.75 2.29 -0.18	37.19 2.06 -6.14	34.87 2.37 -2.52	38.58 2.69 0.00	41.42 2.92 0.00	44.48 3.22 0.00	51.19 4.02 -0.95	56.40 4.07 -6.10	66.06 4.37 -14.69	70.85 4.19 -21.66	68.96 4.59 -18.05	72.34 4.54 -21.47	76.15 4.44 -25.48	67.20 4.35 -16.52	55.44 4.02 -5.25	51.02 3.59 -5.68	49.13 3.54 -3.43	42.45 2.83 -2.82	40.67 2.77 -0.98
PORT_JEFF_3 23555	54.04 4.77 -8.16	43.07 4.18 -1.21	39.17 3.81 -0.40	36.86 3.55 -0.46	36.32 3.57 0.00	39.35 3.78 -3.29	38.79 3.36 -6.44	40.43 3.63 -6.82	40.66 4.27 -0.50	61.23 4.81 -17.93	54.36 4.66 -8.44	56.95 5.27 -5.45	57.60 4.95 -6.42	125.68 5.12 -73.56	117.52 5.26 -67.25	142.56 5.42 -90.82	226.19 5.42 -174.45	136.28 5.41 -84.64	141.76 5.23 -90.20	117.73 5.17 -66.38	73.34 4.80 -26.79	56.95 4.93 -9.87	55.79 4.49 -14.51	51.55 4.65 -9.97
PORT_JEFF_4 23616	54.04 4.77 -8.16	43.07 4.18 -1.21	39.17 3.81 -0.40	36.86 3.55 -0.46	36.32 3.57 0.00	39.35 3.78 -3.29	38.79 3.36 -6.44	40.43 3.63 -6.82	40.66 4.27 -0.50	61.23 4.81 -17.93	54.36 4.66 -8.44	56.95 5.27 -5.45	57.60 4.95 -6.42	125.68 5.12 -73.56	117.52 5.26 -67.25	142.56 5.42 -90.82	226.19 5.42 -174.45	136.28 5.41 -84.64	141.76 5.23 -90.20	117.73 5.17 -66.38	73.34 4.80 -26.79	56.95 4.93 -9.87	55.79 4.49 -14.51	51.55 4.65 -9.97
PORT_JEFF_IC 23713	54.21 4.93 -8.16	43.19 4.29 -1.21	39.28 3.91 -0.40	36.92 3.61 -0.46	36.42 3.67 0.00	39.42 3.84 -3.29	38.88 3.45 -6.44	40.52 3.72 -6.82	40.77 4.38 -0.50	61.35 4.93 -17.93	54.97 4.87 -8.85	57.74 5.41 -6.11	57.69 5.04 -6.42	134.34 5.26 -82.09	120.61 5.35 -70.24	147.55 5.60 -95.62	242.47 5.60 -190.54	144.95 5.59 -93.13	152.58 5.37 -100.89	126.75 5.26 -75.31	76.35 4.84 -29.75	58.00 5.06 -10.79	56.71 4.67 -15.24	52.98 4.77 -11.29
PPL PILGRIM_ST_GT1 24216	54.29 5.01 -8.16	43.22 4.33 -1.21	39.31 3.95 -0.40	37.02 3.71 -0.46	36.48 3.73 0.00	39.48 3.90 -3.29	38.90 3.48 -6.44	40.61 3.81 -6.82	40.84 4.45 -0.50	61.34 4.93 -17.92	56.05 5.03 -9.76	53.72 5.59 -1.90	58.05 5.41 -6.41	79.81 5.54 -27.28	101.58 5.58 -50.99	117.06 6.02 -64.72	139.42 6.02 -87.08	90.76 5.97 -38.56	84.22 5.74 -32.16	69.57 5.49 -17.89	58.41 5.13 -11.52	52.17 5.14 -4.87	58.16 4.75 -16.61	44.74 4.77 -3.05
PPL PILGRIM_ST_GT2 24217	54.29 5.01 -8.16	43.22 4.33 -1.21	39.31 3.95 -0.40	37.02 3.71 -0.46	36.48 3.73 0.00	39.48 3.90 -3.29	38.90 3.48 -6.44	40.61 3.81 -6.82	40.84 4.45 -0.50	61.34 4.93 -17.92	56.05 5.03 -9.76	53.72 5.59 -1.90	58.05 5.41 -6.41	79.81 5.54 -27.28	101.58 5.58 -50.99	117.06 6.02 -64.72	139.42 6.02 -87.08	90.76 5.97 -38.56	84.22 5.74 -32.16	69.57 5.49 -17.89	58.41 5.13 -11.52	52.17 5.14 -4.87	58.16 4.75 -16.61	44.74 4.77 -3.05
PPL_SHRM_GT3 24213	54.08 4.81 -8.16	43.22 4.33 -1.21	39.34 3.98 -0.40	36.92 3.61 -0.46	36.39 3.64 0.00	39.42 3.84 -3.29	38.85 3.42 -6.44	40.43 3.63 -6.82	40.62 4.23 -0.50	61.27 4.85 -17.93	54.76 4.99 -8.52	57.59 5.82 -5.53	58.24 5.59 -6.42	127.49 5.87 -74.62	118.52 5.89 -67.62	144.13 6.39 -91.41	229.16 6.39 -176.44	138.26 6.33 -85.70	144.10 6.25 -91.52	119.58 5.91 -67.49	74.26 5.35 -27.17	57.61 5.48 -9.98	56.16 4.71 -14.65	51.86 4.80 -10.14
PPL_SHRM_GT4 24214	54.08 4.81 -8.16	43.22 4.33 -1.21	39.34 3.98 -0.40	36.92 3.61 -0.46	36.39 3.64 0.00	39.42 3.84 -3.29	38.85 3.42 -6.44	40.43 3.63 -6.82	40.62 4.23 -0.50	61.27 4.85 -17.93	54.76 4.99 -8.52	57.59 5.82 -5.53	58.24 5.59 -6.42	127.49 5.87 -74.62	118.52 5.89 -67.62	144.13 6.39 -91.41	229.16 6.39 -176.44	138.26 6.33 -85.70	144.10 6.25 -91.52	119.58 5.91 -67.49	74.26 5.35 -27.17	57.61 5.48 -9.98	56.16 4.71 -14.65	51.86 4.80 -10.14
PROJECT___ORANGE 1 24174	41.16 0.04 0.00	37.57 -0.11 0.00	34.78 -0.17 0.00	32.59 -0.26 0.00	32.39 -0.36 0.00	31.95 -0.36 -0.02	29.22 -0.32 -0.55	29.88 -0.33 -0.23	35.57 -0.32 0.00	38.15 -0.35 0.00	40.93 -0.33 0.00	46.03 -0.28 -0.08	46.43 -0.32 -0.53	48.16 -0.09 -1.26	46.46 -0.36 -1.81	47.66 -0.19 -1.52	48.04 -0.14 -1.85	48.20 -0.23 -2.20	47.58 -0.23 -1.48	46.28 -0.37 -0.47	41.93 -0.33 -0.51	42.08 -0.38 -0.31	36.67 -0.44 -0.31	36.64 -0.37 -0.09
PROJECT___ORANGE 2 24166	41.16 0.04 0.00	37.57 -0.11 0.00	34.78 -0.17 0.00	32.59 -0.26 0.00	32.39 -0.36 0.00	31.95 -0.36 -0.02	29.22 -0.32 -0.55	29.88 -0.33 -0.23	35.57 -0.32 0.00	38.15 -0.35 0.00	40.93 -0.33 0.00	46.03 -0.28 -0.08	46.43 -0.32 -0.53	48.16 -0.09 -1.26	46.46 -0.36 -1.81	47.66 -0.19 -1.52	48.04 -0.14 -1.85	48.20 -0.23 -2.20	47.58 -0.23 -1.48	46.28 -0.37 -0.47	41.93 -0.33 -0.51	42.08 -0.38 -0.31	36.67 -0.44 -0.31	36.64 -0.37 -0.09
PUCKETT___SOLAR 323809	42.59 1.48 0.00	39.00 1.32 0.00	36.04 1.08 0.00	33.98 0.95 -0.17	33.73 0.98 0.00	33.21 0.87 -0.06	31.69 0.78 -1.92	31.55 0.78 -0.79	37.01 1.11 0.00	39.61 1.12 0.00	42.45 1.20 0.00	47.72 1.20 -0.29	49.16 1.11 -1.83	52.63 1.27 -4.37	52.13 0.81 -6.31	52.82 1.20 -5.29	53.96 1.20 -6.43	55.04 1.16 -7.66	52.96 1.48 -5.16	49.16 1.34 -1.64	44.78 1.25 -1.77	44.45 1.22 -1.07	38.67 0.96 -0.92	38.26 1.03 -0.31
PYRITES___HYD 24023	40.21 -0.90 0.00	37.19 -0.49 0.00	34.47 -0.49 0.00	32.49 -0.36 0.00	32.72 -0.03 0.00	32.45 0.16 0.00	28.99 0.00 0.00	30.01 0.03 0.00	35.93 0.04 0.00	38.68 0.19 0.00	41.34 0.08 0.00	46.14 -0.09 0.00	46.14 -0.09 0.00	46.52 -0.47 0.00	44.60 -0.41 0.00	45.54 -0.79 0.00	45.44 -0.88 0.00	45.40 -0.83 0.00	45.63 -0.69 0.00	45.81 -0.37 0.00	41.46 -0.29 0.00	42.11 -0.04 0.00	36.89 0.07 -0.02	36.92 0.00 0.00

QUAKERRD_115KV_BK1 80622	40.66 -0.45 0.00	36.51 -1.17 0.00	33.77 -1.19 0.00	31.65 -1.25 -0.05	31.51 -1.24 0.00	31.14 -1.16 -0.02	28.90 -0.81 -0.72	29.26 -1.02 -0.29	34.81 -1.08 0.00	37.30 -1.19 0.00	39.94 -1.32 0.00	45.04 -1.29 -0.11	45.62 -1.29 -0.68	47.74 -0.89 -1.64	45.89 -1.49 -2.36	47.20 -1.11 -1.98	47.62 -1.11 -2.41	47.90 -1.20 -2.87	47.05 -1.20 -1.93	45.55 -1.25 -0.61	41.16 -1.25 -0.66	41.21 -1.35 -0.40	35.91 -1.21 -0.33	36.19 -0.85 -0.11
QUENSBRY_115KV_TB8 356137	44.36 3.25 0.00	40.69 3.01 0.00	37.72 2.76 0.00	36.88 2.56 -1.47	35.34 2.59 0.00	35.05 2.52 -0.25	39.90 2.32 -8.59	35.93 2.43 -3.52	38.91 3.01 0.00	41.76 3.27 0.00	44.60 3.34 0.00	51.21 3.74 -1.24	57.65 3.56 -7.86	68.97 3.29 -18.69	74.23 2.84 -26.38	71.40 2.78 -22.30	76.93 2.92 -27.69	82.23 2.91 -33.09	72.86 3.43 -23.11	56.71 3.19 -7.34	52.66 2.96 -7.95	50.28 3.33 -4.80	43.54 2.80 -3.95	40.80 2.51 -1.37
RAMAPO___LBMP 323565	43.58 2.47 0.00	39.94 2.26 0.00	37.02 2.06 0.00	35.32 2.04 -0.43	34.88 2.13 0.00	34.62 2.16 -0.18	37.07 1.97 -6.11	34.74 2.25 -2.51	38.44 2.55 0.00	41.30 2.81 0.00	44.31 3.05 0.00	51.05 3.88 -0.94	56.18 3.88 -6.07	65.76 4.14 -14.63	70.53 3.96 -21.56	68.74 4.45 -17.97	72.15 4.45 -21.37	75.84 4.25 -25.36	66.94 4.17 -16.45	55.24 3.83 -5.22	50.83 3.42 -5.65	48.90 3.33 -3.41	42.37 2.76 -2.81	40.52 2.62 -0.97
RANKINE____ 23646	42.14 1.03 0.00	37.30 -0.38 0.00	34.40 -0.56 0.00	32.20 -0.72 -0.07	32.16 -0.59 0.00	31.44 -0.87 -0.03	29.51 -0.49 -1.01	29.50 -0.90 -0.41	35.60 -0.29 0.00	37.99 -0.50 0.00	40.60 -0.66 0.00	45.04 -1.34 -0.15	45.76 -1.43 -0.96	48.50 -0.80 -2.30	46.76 -1.58 -3.32	48.33 -0.79 -2.79	49.06 -0.65 -3.39	49.39 -0.88 -4.03	48.16 -0.88 -2.72	45.80 -1.25 -0.86	41.56 -1.13 -0.93	41.41 -1.31 -0.56	36.19 -1.07 -0.46	36.72 -0.37 -0.16
RAVENSWOOD_GT2_1 24244	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.80 4.58 -0.99	57.12 4.48 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	77.99 4.99 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.25 3.50 -2.96	41.31 3.36 -1.03
RAVENSWOOD_GT2_2 24245	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.80 4.58 -0.99	57.12 4.48 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	77.99 4.99 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.25 3.50 -2.96	41.31 3.36 -1.03
RAVENSWOOD_GT2_3 24246	44.20 3.08 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.47 2.72 0.00	35.21 2.74 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.09 3.19 0.00	41.92 3.43 0.00	45.01 3.75 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.33 4.89 -15.44	72.57 4.77 -22.79	70.59 5.28 -18.98	74.17 5.28 -22.56	78.03 5.04 -26.76	68.55 4.91 -17.32	56.16 4.48 -5.50	51.84 4.13 -5.95	49.88 4.13 -3.60	43.29 3.53 -2.96	41.35 3.40 -1.03
RAVENSWOOD_GT2_4 24247	44.20 3.08 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.47 2.72 0.00	35.21 2.74 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.09 3.19 0.00	41.92 3.43 0.00	45.01 3.75 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.33 4.89 -15.44	72.57 4.77 -22.79	70.59 5.28 -18.98	74.17 5.28 -22.56	78.03 5.04 -26.76	68.55 4.91 -17.32	56.16 4.48 -5.50	51.84 4.13 -5.95	49.88 4.13 -3.60	43.29 3.53 -2.96	41.35 3.40 -1.03
RAVENSWOOD_GT3_1 24248	44.16 3.04 0.00	40.51 2.83 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	78.03 5.04 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.29 3.53 -2.96	41.31 3.36 -1.03
RAVENSWOOD_GT3_2 24249	44.16 3.04 0.00	40.51 2.83 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	78.03 5.04 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.29 3.53 -2.96	41.31 3.36 -1.03
RAVENSWOOD_GT3_3 24250	44.24 3.12 0.00	40.58 2.90 0.00	37.62 2.66 0.00	35.97 2.66 -0.46	35.50 2.75 0.00	35.28 2.81 -0.19	37.98 2.55 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	41.99 3.50 0.00	45.09 3.84 0.00	51.94 4.72 -0.99	57.26 4.62 -6.41	67.42 4.98 -15.44	72.66 4.86 -22.79	70.64 5.33 -18.98	74.26 5.37 -22.56	78.12 5.13 -26.76	68.60 4.96 -17.32	56.25 4.57 -5.50	51.92 4.22 -5.95	49.97 4.22 -3.60	43.36 3.61 -2.96	41.38 3.43 -1.03
RAVENSWOOD_GT3_4 24251	44.24 3.12 0.00	40.58 2.90 0.00	37.62 2.66 0.00	35.97 2.66 -0.46	35.50 2.75 0.00	35.28 2.81 -0.19	37.98 2.55 -6.44	35.53 2.91 -2.64	39.12 3.23 0.00	41.99 3.50 0.00	45.09 3.84 0.00	51.94 4.72 -0.99	57.26 4.62 -6.41	67.42 4.98 -15.44	72.66 4.86 -22.79	70.64 5.33 -18.98	74.26 5.37 -22.56	78.12 5.13 -26.76	68.60 4.96 -17.32	56.25 4.57 -5.50	51.92 4.22 -5.95	49.97 4.22 -3.60	43.36 3.61 -2.96	41.38 3.43 -1.03
RAVENSWOOD_GT_1 23729	44.53 3.41 0.00	40.66 2.98 0.00	37.76 2.80 0.00	36.07 2.76 -0.46	35.60 2.85 0.00	35.39 2.91 -0.19	38.07 2.64 -6.44	35.63 3.00 -2.65	39.23 3.34 0.00	41.96 3.47 0.00	45.10 3.84 -0.01	51.81 4.58 -1.00	57.08 4.44 -6.42	70.34 4.89 -18.46	80.15 4.77 -30.38	73.02 5.14 -21.55	87.25 5.14 -35.78	78.75 4.99 -27.52	83.09 4.82 -31.94	60.02 4.43 -9.41	59.26 4.13 -13.37	54.80 4.26 -8.39	43.33 3.57 -2.97	41.46 3.51 -1.03
RAVENSWOOD_GT_10 24258	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	78.03 5.04 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.25 3.50 -2.96	41.31 3.36 -1.03
RAVENSWOOD_GT_11 24259	44.41 3.29 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.90 2.59 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.43	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.42 0.00	44.97 3.71 0.00	51.80 4.58 -0.99	57.17 4.53 -6.41	67.33 4.89 -15.44	72.52 4.72 -22.79	70.45 5.14 -18.98	73.98 5.10 -22.56	77.99 4.99 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.92 4.17 -3.60	43.14 3.38 -2.96	41.31 3.36 -1.03

RAVENSWOOD_GT_4 24252	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.87 2.56 -0.46	35.44 2.69 0.00	35.18 2.71 -0.18	37.91 2.49 -6.43	35.43 2.82 -2.63	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 -0.01	51.85 4.62 -1.00	57.17 4.53 -6.41	69.62 4.89 -17.74	78.30 4.73 -28.57	72.50 5.23 -20.94	84.19 5.23 -32.63	78.61 5.04 -27.34	79.65 4.86 -28.46	59.18 4.53 -8.48	57.45 4.09 -11.60	53.49 4.09 -7.25	43.26 3.50 -2.97	41.31 3.36 -1.03
RAVENSWOOD_GT_5 24254	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.87 2.56 -0.46	35.44 2.69 0.00	35.18 2.71 -0.18	37.91 2.49 -6.43	35.43 2.82 -2.63	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 -0.01	51.85 4.62 -1.00	57.17 4.53 -6.41	69.62 4.89 -17.74	78.30 4.73 -28.57	72.50 5.23 -20.94	84.19 5.23 -32.63	78.61 5.04 -27.34	79.65 4.86 -28.46	59.18 4.53 -8.48	57.45 4.09 -11.60	53.49 4.09 -7.25	43.26 3.50 -2.97	41.31 3.36 -1.03
RAVENSWOOD_GT_6 24253	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.87 2.56 -0.46	35.44 2.69 0.00	35.18 2.71 -0.18	37.91 2.49 -6.43	35.43 2.82 -2.63	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 -0.01	51.85 4.62 -1.00	57.17 4.53 -6.41	69.62 4.89 -17.74	78.30 4.73 -28.57	72.50 5.23 -20.94	84.19 5.23 -32.63	78.61 5.04 -27.34	79.65 4.86 -28.46	59.18 4.53 -8.48	57.45 4.09 -11.60	53.49 4.09 -7.25	43.26 3.50 -2.97	41.31 3.36 -1.03
RAVENSWOOD_GT_7 24255	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.87 2.56 -0.46	35.44 2.69 0.00	35.18 2.71 -0.18	37.91 2.49 -6.43	35.43 2.82 -2.63	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 -0.01	51.85 4.62 -1.00	57.17 4.53 -6.41	69.62 4.89 -17.74	78.30 4.73 -28.57	72.50 5.23 -20.94	84.19 5.23 -32.63	78.61 5.04 -27.34	79.65 4.86 -28.46	59.18 4.53 -8.48	57.45 4.09 -11.60	53.49 4.09 -7.25	43.26 3.50 -2.97	41.31 3.36 -1.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	78.03 5.04 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.25 3.50 -2.96	41.31 3.36 -1.03
RAVENSWOOD_GT_9 24257	44.16 3.04 0.00	40.51 2.83 0.00	37.55 2.59 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.43 0.00	44.97 3.71 0.00	51.85 4.62 -0.99	57.17 4.53 -6.41	67.28 4.84 -15.44	72.52 4.73 -22.79	70.54 5.23 -18.98	74.12 5.23 -22.56	78.03 5.04 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.88 4.13 -3.60	43.25 3.50 -2.96	41.31 3.36 -1.03
RAVENSWOOD___1 23533	44.53 3.41 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.03 2.73 -0.46	35.57 2.82 0.00	35.35 2.87 -0.19	38.04 2.61 -6.44	35.60 2.97 -2.65	39.19 3.30 0.00	41.96 3.47 0.00	45.05 3.79 0.00	51.80 4.58 -0.99	57.08 4.44 -6.41	67.28 4.84 -15.44	72.56 4.77 -22.79	70.45 5.14 -18.98	74.02 5.14 -22.56	77.99 4.99 -26.76	68.46 4.82 -17.32	56.06 4.39 -5.49	51.84 4.13 -5.95	50.01 4.26 -3.60	43.29 3.53 -2.96	41.42 3.47 -1.03
RAVENSWOOD___2 23534	44.49 3.37 0.00	40.62 2.94 0.00	37.72 2.76 0.00	36.00 2.69 -0.46	35.53 2.78 0.00	35.32 2.84 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.65	39.19 3.30 0.00	41.92 3.42 0.00	45.05 3.79 0.00	51.76 4.53 -0.99	57.03 4.39 -6.41	67.28 4.84 -15.44	72.52 4.72 -22.79	70.45 5.14 -18.98	73.98 5.10 -22.56	77.99 4.99 -26.76	68.46 4.82 -17.32	56.06 4.39 -5.49	51.80 4.09 -5.95	50.01 4.26 -3.60	43.29 3.53 -2.96	41.42 3.47 -1.03
RAVENSWOOD___3 23535	44.41 3.29 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.90 2.59 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.92 2.49 -6.44	35.47 2.85 -2.64	39.05 3.16 0.00	41.92 3.42 0.00	44.97 3.71 0.00	51.80 4.58 -0.99	57.12 4.48 -6.41	67.33 4.89 -15.44	72.52 4.72 -22.79	70.45 5.14 -18.98	73.98 5.10 -22.56	77.99 4.99 -26.76	68.51 4.86 -17.32	56.16 4.48 -5.50	51.80 4.09 -5.95	49.92 4.17 -3.60	43.18 3.42 -2.96	41.31 3.36 -1.03
RAVENSWOOD___4 23820	44.49 3.37 0.00	40.62 2.94 0.00	37.69 2.73 0.00	36.00 2.69 -0.46	35.53 2.78 0.00	35.32 2.84 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.64	39.19 3.30 0.00	41.92 3.42 0.00	45.04 3.79 0.01	51.75 4.53 -0.98	57.02 4.39 -6.40	64.31 4.84 -12.48	65.04 4.72 -15.31	67.88 5.10 -16.46	60.96 5.10 -9.53	77.24 4.99 -26.02	54.06 4.82 -2.92	52.21 4.39 -1.64	44.50 4.09 1.35	45.29 4.26 1.12	43.28 3.53 -2.95	41.42 3.47 -1.03
RCPL_TRUST___DRP 24196	44.20 3.08 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.12 3.23 0.00	41.99 3.50 0.00	45.05 3.80 0.00	51.98 4.76 -0.99	57.35 4.72 -6.41	67.47 5.03 -15.44	72.70 4.91 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.22 5.22 -26.76	68.69 5.05 -17.32	56.39 4.71 -5.50	51.92 4.22 -5.95	49.92 4.17 -3.60	43.25 3.50 -2.96	41.35 3.40 -1.03
RED___ROCHESTER 323720	41.24 0.12 0.00	37.57 -0.11 0.00	34.72 -0.24 0.00	32.51 -0.39 -0.05	32.42 -0.33 0.00	32.01 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.43 0.09 -0.11	47.03 0.09 -0.71	49.29 0.61 -1.69	47.27 -0.18 -2.44	48.51 0.14 -2.05	49.00 0.19 -2.49	49.24 0.05 -2.96	48.65 0.33 -1.99	47.00 0.19 -0.63	42.44 0.00 -0.69	42.40 -0.17 -0.41	37.17 0.04 -0.34	37.37 0.33 -0.12
REGAN___SOLAR 323812	47.28 6.17 0.00	43.26 5.58 0.00	39.99 5.04 0.00	38.89 4.66 -1.37	37.47 4.72 0.00	37.25 4.68 -0.28	43.10 4.32 -9.79	38.47 4.47 -4.01	41.27 5.38 0.00	44.11 5.62 0.00	47.24 5.98 0.00	54.46 6.80 -1.43	62.04 6.70 -9.11	75.24 6.53 -21.72	81.89 5.94 -30.94	78.51 6.11 -26.07	84.95 6.53 -32.09	91.22 6.70 -38.29	79.81 7.13 -26.35	61.43 6.88 -8.37	57.03 6.22 -9.06	54.08 6.45 -5.47	46.67 5.37 -4.50	43.47 4.98 -1.56
RENSSELAER___COGEN 23796	42.39 1.28 0.00	39.08 1.39 0.00	36.25 1.29 0.00	35.16 1.32 -0.99	33.80 1.05 0.00	33.59 1.06 -0.24	38.19 0.96 -8.25	34.32 0.96 -3.38	36.97 1.08 0.00	39.69 1.19 0.00	42.58 1.32 0.00	48.76 1.34 -1.19	55.08 1.29 -7.56	66.34 1.36 -17.98	71.58 1.17 -25.41	68.99 1.20 -21.47	74.16 1.20 -26.64	79.25 1.20 -31.82	69.77 1.25 -22.20	54.39 1.15 -7.05	50.43 1.04 -7.63	47.82 1.05 -4.61	41.84 1.25 -3.79	39.38 1.15 -1.31
REPUBLIC_115KV_BARTNBRK 55605	47.53 6.41 0.00	43.56 5.88 0.00	40.34 5.38 0.00	39.18 4.86 -1.46	37.44 4.68 0.00	37.31 4.78 -0.25	41.98 4.41 -8.58	38.12 4.62 -3.52	41.71 5.81 0.00	44.88 6.39 0.00	48.15 6.89 0.00	55.05 7.58 -1.24	61.43 7.35 -7.85	72.61 6.96 -18.66	77.43 6.08 -26.34	74.52 5.93 -22.26	80.19 6.21 -27.66	85.47 6.19 -33.05	76.23 6.81 -23.09	59.89 6.37 -7.34	55.49 5.80 -7.94	53.19 6.24 -4.79	46.00 5.26 -3.95	43.17 4.87 -1.37

REVERE_CPPR_DRP 24186	42.88 1.77 0.00	39.38 1.70 0.00	36.36 1.40 0.00	34.13 1.28 0.00	33.87 1.11 0.00	33.55 1.26 -0.01	30.33 1.01 -0.32	31.16 1.05 -0.13	37.22 1.33 0.00	39.92 1.42 0.00	42.82 1.57 0.00	48.08 1.80 -0.05	48.34 1.80 -0.31	49.47 1.74 -0.74	47.33 1.26 -1.06	48.65 1.44 -0.89	48.85 1.44 -1.08	48.86 1.34 -1.29	48.82 1.62 -0.87	47.98 1.52 -0.28	43.47 1.42 -0.30	43.94 1.60 -0.18	38.26 1.29 -0.18	38.23 1.26 -0.05
REYNOLDS_115KV_TB3 80639	42.64 1.52 0.00	39.30 1.62 0.00	36.50 1.54 0.00	35.44 1.54 -1.05	34.16 1.41 0.00	33.91 1.39 -0.24	38.50 1.25 -8.26	34.60 1.23 -3.39	37.29 1.40 0.00	40.03 1.54 0.00	42.86 1.61 0.00	49.22 1.80 -1.19	55.55 1.80 -7.52	66.73 1.88 -17.86	71.86 1.71 -25.14	69.35 1.76 -21.27	74.58 1.76 -26.49	79.66 1.76 -31.67	70.32 1.76 -22.23	54.90 1.66 -7.06	50.90 1.50 -7.64	48.29 1.52 -4.62	41.99 1.40 -3.80	39.61 1.37 -1.32
RIVERBAY____ 323610	44.82 3.70 -0.01	41.23 3.54 -0.01	38.29 3.32 -0.01	36.57 3.25 -0.46	35.94 3.18 -0.01	35.90 3.42 -0.19	38.54 3.10 -6.44	35.99 3.36 -2.65	39.62 3.73 0.00	42.30 3.81 0.00	45.55 4.29 0.00	52.12 4.90 -0.99	57.63 4.99 -6.41	68.03 5.59 -15.44	73.29 5.49 -22.79	71.39 6.07 -18.99	75.01 6.11 -22.57	78.86 5.87 -26.76	69.25 5.61 -17.32	56.71 5.03 -5.49	52.55 4.84 -5.95	50.77 5.02 -3.60	44.14 4.38 -2.97	42.20 4.25 -1.03
RIVERSDE_115KV_TB3 55908	42.55 1.44 0.00	39.30 1.62 0.00	36.46 1.50 0.00	35.43 1.51 -1.06	34.06 1.31 0.00	33.82 1.29 -0.24	38.44 1.16 -8.29	34.55 1.17 -3.40	37.22 1.33 0.00	39.95 1.46 0.00	42.82 1.57 0.00	49.14 1.71 -1.20	55.51 1.71 -7.57	66.78 1.79 -18.00	71.98 1.58 -25.39	69.46 1.67 -21.47	74.68 1.67 -26.69	79.74 1.62 -31.89	70.26 1.62 -22.31	54.79 1.52 -7.09	50.80 1.38 -7.67	48.22 1.43 -4.63	41.97 1.36 -3.81	39.58 1.33 -1.32
ROARING__BROOK_WT_PWR 323790	40.50 -0.62 0.00	37.19 -0.49 0.00	34.58 -0.38 0.00	32.49 -0.36 0.00	32.42 -0.33 0.00	31.99 -0.29 0.00	28.73 -0.26 0.00	29.74 -0.24 0.00	35.60 -0.29 0.00	38.18 -0.31 0.00	40.88 -0.37 0.00	45.72 -0.51 0.00	45.72 -0.51 0.00	46.43 -0.56 0.00	44.51 -0.49 0.00	45.77 -0.55 0.00	45.72 -0.60 0.00	45.63 -0.60 0.00	45.72 -0.60 0.00	45.63 -0.55 0.00	41.29 -0.46 0.00	41.69 -0.46 0.00	36.46 -0.33 0.00	36.55 -0.37 0.00
ROCHESRG_115KV_T4 355643	41.53 0.41 0.00	37.15 -0.53 0.00	34.33 -0.63 0.00	32.18 -0.72 -0.05	32.10 -0.66 0.00	31.66 -0.65 -0.02	29.44 -0.29 -0.74	29.78 -0.51 -0.30	35.42 -0.47 0.00	37.88 -0.62 0.00	40.60 -0.66 0.00	45.74 -0.60 -0.11	46.33 -0.60 -0.70	48.53 -0.14 -1.68	46.62 -0.81 -2.43	47.99 -0.37 -2.04	48.47 -0.32 -2.47	48.76 -0.42 -2.95	47.89 -0.46 -1.98	46.35 -0.54 -0.63	41.89 -0.54 -0.68	41.93 -0.63 -0.41	36.58 -0.55 -0.34	36.93 -0.11 -0.12
ROCHESTER_9_IC 23652	41.86 0.74 0.00	37.38 -0.30 0.00	34.57 -0.38 0.00	32.38 -0.53 -0.05	32.29 -0.46 0.00	31.85 -0.45 -0.02	29.62 -0.12 -0.74	29.96 -0.33 -0.30	35.64 -0.25 0.00	38.15 -0.35 0.00	40.88 -0.37 0.00	46.11 -0.23 -0.11	46.71 -0.23 -0.71	48.92 0.23 -1.69	47.00 -0.45 -2.44	48.38 0.00 -2.05	48.82 0.00 -2.49	49.10 -0.09 -2.97	48.23 -0.09 -2.00	46.68 -0.14 -0.63	42.19 -0.25 -0.69	42.23 -0.34 -0.41	36.81 -0.33 -0.34	37.19 0.15 -0.12
ROCKVIEW_13_KV_LD 356306	44.24 3.12 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.87 2.56 -0.46	35.40 2.65 0.00	35.18 2.71 -0.19	37.92 2.49 -6.44	35.41 2.79 -2.64	39.16 3.27 0.00	42.03 3.54 0.00	45.13 3.88 0.00	52.08 4.85 -0.99	57.49 4.85 -6.41	67.61 5.17 -15.44	72.79 5.00 -22.79	70.82 5.51 -18.99	74.40 5.51 -22.56	78.36 5.36 -26.76	68.88 5.23 -17.32	56.53 4.85 -5.50	52.01 4.30 -5.96	49.92 4.17 -3.60	43.25 3.50 -2.96	41.24 3.29 -1.03
ROME____115KV_TB2 80656	42.88 1.77 0.00	39.38 1.70 0.00	36.36 1.40 0.00	34.13 1.28 0.00	33.87 1.11 0.00	33.55 1.26 -0.01	30.33 1.01 -0.32	31.16 1.05 -0.13	37.22 1.33 0.00	39.92 1.42 0.00	42.82 1.57 0.00	48.08 1.80 -0.05	48.34 1.80 -0.31	49.47 1.74 -0.74	47.33 1.26 -1.06	48.65 1.44 -0.89	48.85 1.44 -1.08	48.86 1.34 -1.29	48.82 1.62 -0.87	47.98 1.52 -0.28	43.47 1.42 -0.30	43.94 1.60 -0.18	38.26 1.29 -0.18	38.23 1.26 -0.05
ROSETON__1 23587	43.67 2.55 0.00	39.86 2.18 0.00	36.99 2.03 0.00	35.28 1.97 -0.45	34.78 2.03 0.00	34.54 2.07 -0.19	37.31 1.88 -6.43	34.72 2.10 -2.64	38.26 2.37 0.00	41.07 2.58 0.00	44.06 2.81 0.00	50.69 3.47 -0.99	56.12 3.51 -6.38	66.12 3.76 -15.37	71.24 3.60 -22.63	69.13 3.94 -18.86	72.68 3.89 -22.46	76.72 3.83 -26.66	67.39 3.75 -17.31	55.19 3.51 -5.50	50.88 3.17 -5.95	48.91 3.16 -3.59	42.29 2.54 -2.96	40.46 2.51 -1.03
ROSETON__2 23588	43.67 2.55 0.00	39.86 2.18 0.00	36.99 2.03 0.00	35.28 1.97 -0.45	34.78 2.03 0.00	34.54 2.07 -0.19	37.31 1.88 -6.43	34.72 2.10 -2.64	38.26 2.37 0.00	41.07 2.58 0.00	44.06 2.81 0.00	50.69 3.47 -0.99	56.12 3.51 -6.38	66.12 3.76 -15.37	71.24 3.60 -22.63	69.13 3.94 -18.86	72.68 3.89 -22.46	76.72 3.83 -26.66	67.39 3.75 -17.31	55.19 3.51 -5.50	50.88 3.17 -5.95	48.91 3.16 -3.59	42.29 2.54 -2.96	40.46 2.51 -1.03
ROTTTRDAM_115KV_TB3 80664	43.17 2.06 0.00	39.60 1.92 0.00	36.74 1.78 0.00	36.11 1.71 -1.55	34.42 1.67 0.00	34.25 1.71 -0.25	39.22 1.54 -8.70	35.14 1.59 -3.57	37.76 1.87 0.00	40.49 2.00 0.00	43.40 2.15 0.00	50.04 2.54 -1.26	56.75 2.50 -8.02	68.64 2.54 -19.11	74.45 2.34 -27.10	71.60 2.41 -22.87	77.05 2.46 -28.27	82.44 2.45 -33.76	72.28 2.55 -23.41	56.06 2.45 -7.44	52.01 2.21 -8.05	49.25 2.23 -4.86	42.71 1.91 -4.00	40.12 1.81 -1.39
RUSSELL__1 23602	42.10 0.99 0.00	37.60 -0.08 0.00	34.75 -0.21 0.00	32.51 -0.39 -0.05	32.46 -0.29 0.00	32.02 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.39 0.05 -0.11	47.03 0.09 -0.71	49.30 0.61 -1.69	47.27 -0.18 -2.44	48.65 0.28 -2.05	49.14 0.32 -2.49	49.43 0.23 -2.97	48.51 0.19 -2.00	47.00 0.18 -0.63	42.44 0.00 -0.69	42.48 -0.08 -0.41	37.03 -0.11 -0.34	37.37 0.33 -0.12
RUSSELL__2 23532	42.10 0.99 0.00	37.60 -0.08 0.00	34.75 -0.21 0.00	32.51 -0.39 -0.05	32.46 -0.29 0.00	32.02 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.39 0.05 -0.11	47.03 0.09 -0.71	49.30 0.61 -1.69	47.27 -0.18 -2.44	48.65 0.28 -2.05	49.14 0.32 -2.49	49.43 0.23 -2.97	48.51 0.19 -2.00	47.00 0.18 -0.63	42.44 0.00 -0.69	42.48 -0.08 -0.41	37.03 -0.11 -0.34	37.37 0.33 -0.12
RUSSELL__3 23549	42.10 0.99 0.00	37.60 -0.08 0.00	34.75 -0.21 0.00	32.51 -0.39 -0.05	32.46 -0.29 0.00	32.02 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.39 0.05 -0.11	47.03 0.09 -0.71	49.30 0.61 -1.69	47.27 -0.18 -2.44	48.65 0.28 -2.05	49.14 0.32 -2.49	49.43 0.23 -2.97	48.51 0.19 -2.00	47.00 0.18 -0.63	42.44 0.00 -0.69	42.48 -0.08 -0.41	37.03 -0.11 -0.34	37.37 0.33 -0.12

RUSSELL___4 23556	42.10 0.99 0.00	37.60 -0.08 0.00	34.75 -0.21 0.00	32.51 -0.39 -0.05	32.46 -0.29 0.00	32.02 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.39 0.05 -0.11	47.03 0.09 -0.71	49.30 0.61 -1.69	47.27 -0.18 -2.44	48.65 0.28 -2.05	49.14 0.32 -2.49	49.43 0.23 -2.97	48.51 0.19 -2.00	47.00 0.18 -0.63	42.44 0.00 -0.69	42.48 -0.08 -0.41	37.03 -0.11 -0.34	37.37 0.33 -0.12
RUSSELL___STATION 23914	42.10 0.99 0.00	37.60 -0.08 0.00	34.75 -0.21 0.00	32.51 -0.39 -0.05	32.46 -0.29 0.00	32.02 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.39 0.05 -0.11	47.03 0.09 -0.71	49.30 0.61 -1.69	47.27 -0.18 -2.44	48.65 0.28 -2.05	49.14 0.32 -2.49	49.43 0.23 -2.97	48.51 0.19 -2.00	47.00 0.18 -0.63	42.44 0.00 -0.69	42.48 -0.08 -0.41	37.03 -0.11 -0.34	37.37 0.33 -0.12
S SALMON___HYD 24043	41.20 0.08 0.00	37.79 0.11 0.00	35.03 0.07 0.00	32.85 0.00 0.00	32.75 0.00 0.00	32.26 -0.03 -0.01	29.31 -0.12 -0.44	30.01 -0.15 -0.18	35.78 -0.11 0.00	38.26 -0.23 0.00	40.97 -0.29 0.00	46.06 -0.23 -0.07	46.32 -0.32 -0.42	47.76 -0.23 -1.00	45.91 -0.54 -1.44	47.02 -0.51 -1.21	47.28 -0.51 -1.47	47.42 -0.55 -1.75	47.18 -0.32 -1.18	46.23 -0.32 -0.37	41.95 -0.21 -0.40	42.27 -0.13 -0.24	36.95 -0.18 -0.34	36.85 -0.15 -0.07
S.PERRY___115KV_TB1 80734	42.23 1.11 0.00	37.64 -0.04 0.00	34.71 -0.24 0.00	32.47 -0.46 -0.07	32.62 -0.13 0.00	31.89 -0.42 -0.03	29.82 -0.20 -1.04	29.84 -0.57 -0.43	35.28 -0.61 0.00	37.14 -1.35 0.00	39.40 -1.86 0.00	44.21 -2.17 -0.15	44.95 -2.27 -0.99	47.48 -1.88 -2.37	46.00 -2.43 -3.42	47.25 -1.95 -2.87	48.23 -1.58 -3.48	48.99 -1.39 -4.15	48.29 -0.83 -2.79	46.74 -0.32 -0.89	42.55 -0.17 -0.96	42.48 -0.25 -0.58	36.94 -0.33 -0.48	38.38 1.29 -0.17
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.69 0.58 0.00	36.89 -0.79 0.00	34.02 -0.94 0.00	31.87 -1.05 -0.07	31.80 -0.95 0.00	31.21 -1.10 -0.03	29.32 -0.64 -0.97	29.30 -1.08 -0.40	35.17 -0.72 0.00	37.49 -1.00 0.00	40.06 -1.20 0.00	44.66 -1.71 -0.14	45.39 -1.76 -0.92	48.02 -1.17 -2.20	46.30 -1.89 -3.18	47.83 -1.16 -2.67	48.50 -1.07 -3.24	48.84 -1.25 -3.86	47.72 -1.20 -2.60	45.44 -1.57 -0.83	41.23 -1.42 -0.89	41.09 -1.60 -0.54	35.99 -1.25 -0.44	36.52 -0.55 -0.15
SAWYER___23_KV_LOAD 55526	41.69 0.58 0.00	36.89 -0.79 0.00	34.02 -0.94 0.00	31.87 -1.05 -0.07	31.80 -0.95 0.00	31.21 -1.10 -0.03	29.32 -0.64 -0.97	29.30 -1.08 -0.40	35.17 -0.72 0.00	37.49 -1.00 0.00	40.06 -1.20 0.00	44.66 -1.71 -0.14	45.39 -1.76 -0.92	48.02 -1.17 -2.20	46.30 -1.89 -3.18	47.83 -1.16 -2.67	48.50 -1.07 -3.24	48.84 -1.25 -3.86	47.72 -1.20 -2.60	45.44 -1.57 -0.83	41.23 -1.42 -0.89	41.09 -1.60 -0.54	35.99 -1.25 -0.44	36.52 -0.55 -0.15
SELKIRK___I 23801	42.88 1.77 0.00	39.45 1.77 0.00	36.64 1.68 0.00	35.34 1.64 -0.84	34.26 1.51 0.00	34.00 1.49 -0.23	38.42 1.33 -8.10	34.62 1.32 -3.32	37.40 1.51 0.00	40.11 1.62 0.00	43.07 1.81 0.00	49.17 1.76 -1.18	54.67 0.92 -7.52	65.80 0.89 -17.92	70.59 0.72 -24.87	68.55 0.74 -21.49	72.79 0.74 -25.73	77.59 0.74 -30.62	68.86 0.79 -21.75	53.84 0.74 -6.92	49.91 0.67 -7.49	47.39 0.72 -4.52	42.18 1.66 -3.72	39.77 1.55 -1.29
SELKIRK___II 23799	42.59 1.48 0.00	39.15 1.47 0.00	36.36 1.40 0.00	35.11 1.38 -0.88	34.00 1.24 0.00	33.75 1.23 -0.24	38.30 1.10 -8.21	34.46 1.11 -3.36	37.15 1.26 0.00	39.88 1.38 0.00	42.78 1.53 0.00	48.72 1.29 -1.20	55.07 1.25 -7.59	66.34 1.27 -18.08	69.45 1.08 -23.36	69.14 1.16 -21.66	71.46 1.16 -23.98	75.70 1.16 -28.32	69.45 1.20 -21.92	54.30 1.11 -7.02	50.35 1.00 -7.59	47.75 1.01 -4.59	41.97 1.40 -3.77	39.56 1.33 -1.31
SENECA OSWGO___HYD 24041	40.87 -0.25 0.00	37.42 -0.26 0.00	34.68 -0.28 0.00	32.52 -0.33 0.00	32.36 -0.39 0.00	31.85 -0.45 -0.01	29.07 -0.41 -0.49	29.73 -0.45 -0.20	35.42 -0.47 0.00	37.92 -0.58 0.00	40.68 -0.58 0.00	45.75 -0.55 -0.07	46.09 -0.60 -0.47	47.68 -0.42 -1.11	45.94 -0.67 -1.61	47.12 -0.55 -1.35	47.41 -0.55 -1.64	47.58 -0.60 -1.95	47.09 -0.55 -1.31	46.00 -0.60 -0.42	41.62 -0.58 -0.45	41.80 -0.63 -0.27	36.59 -0.63 -0.42	36.45 -0.55 -0.08
SENECA___115KV_TB3 355854	42.23 1.11 0.00	37.38 -0.30 0.00	34.47 -0.49 0.00	32.27 -0.66 -0.07	32.23 -0.52 0.00	31.51 -0.81 -0.03	29.54 -0.46 -1.01	29.56 -0.84 -0.41	35.68 -0.22 0.00	38.07 -0.42 0.00	40.68 -0.58 0.00	45.13 -1.25 -0.15	45.80 -1.39 -0.96	48.59 -0.70 -2.30	46.85 -1.49 -3.32	48.42 -0.69 -2.79	49.16 -0.56 -3.39	49.48 -0.79 -4.03	48.25 -0.79 -2.72	45.84 -1.20 -0.86	41.64 -1.04 -0.93	41.45 -1.26 -0.56	36.27 -0.99 -0.46	36.79 -0.30 -0.16
SENECA___ENERGY 23797	41.24 0.12 0.00	37.60 -0.08 0.00	34.79 -0.17 0.00	32.61 -0.30 -0.05	32.46 -0.30 0.00	31.98 -0.32 -0.02	29.62 -0.14 -0.78	30.09 -0.21 -0.32	35.75 -0.14 0.00	38.26 -0.23 0.00	41.01 -0.25 0.00	46.12 -0.23 -0.12	46.65 -0.32 -0.74	48.77 0.00 -1.77	47.16 -0.41 -2.56	48.33 -0.14 -2.15	48.84 -0.09 -2.61	49.24 -0.09 -3.10	48.51 0.09 -2.09	46.80 -0.05 -0.66	42.39 -0.08 -0.72	42.38 -0.21 -0.43	36.98 -0.26 -0.44	36.90 -0.15 -0.12
SHOEMAKER___GT 23640	43.42 2.30 0.00	39.68 2.00 0.00	36.78 1.82 0.00	35.03 1.77 -0.41	34.55 1.80 0.00	34.29 1.84 -0.16	36.32 1.62 -5.71	34.12 1.80 -2.34	37.94 2.04 0.00	40.72 2.23 0.00	43.69 2.43 0.00	50.16 3.05 -0.88	54.98 3.10 -5.66	63.90 3.29 -13.62	68.16 3.10 -20.05	66.47 3.43 -16.72	69.62 3.38 -19.91	73.19 3.33 -23.63	64.98 3.29 -15.36	54.15 3.09 -4.88	49.79 2.75 -5.28	48.08 2.74 -3.19	41.59 2.17 -2.63	39.97 2.14 -0.91
SHOEMAKR_138KV_BK 111 55601	43.29 2.18 0.00	39.64 1.96 0.00	36.74 1.78 0.00	34.99 1.74 -0.40	34.59 1.83 0.00	34.29 1.84 -0.16	36.27 1.62 -5.66	34.13 1.83 -2.32	37.97 2.08 0.00	40.72 2.23 0.00	43.73 2.48 0.00	50.24 3.14 -0.87	54.98 3.14 -5.60	63.82 3.34 -13.49	68.02 3.15 -19.86	66.40 3.52 -16.56	69.57 3.52 -19.73	73.02 3.37 -23.41	64.88 3.34 -15.22	54.16 3.14 -4.83	49.78 2.80 -5.23	48.05 2.74 -3.16	41.64 2.24 -2.60	39.97 2.14 -0.90
SHOREHAM_IC_1 23715	54.08 4.81 -8.16	43.22 4.33 -1.21	39.34 3.98 -0.40	36.92 3.61 -0.46	36.39 3.64 0.00	39.42 3.84 -3.29	38.85 3.42 -6.44	40.43 3.63 -6.82	40.62 4.23 -0.50	61.27 4.85 -17.93	54.76 4.99 -8.52	57.59 5.82 -5.53	58.24 5.59 -6.42	127.49 5.87 -74.62	118.52 5.89 -67.62	144.13 6.39 -91.41	229.16 6.39 -176.44	138.26 6.33 -85.70	144.10 6.25 -91.52	119.58 5.91 -67.49	74.26 5.35 -27.17	57.61 5.48 -9.98	56.16 4.71 -14.65	51.86 4.80 -10.14
SHOREHAM_IC_2 23716	54.08 4.81 -8.16	43.22 4.33 -1.21	39.34 3.98 -0.40	36.92 3.61 -0.46	36.39 3.64 0.00	39.42 3.84 -3.29	38.85 3.42 -6.44	40.43 3.63 -6.82	40.62 4.23 -0.50	61.27 4.85 -17.93	54.76 4.99 -8.52	57.59 5.82 -5.53	58.24 5.59 -6.42	127.49 5.87 -74.62	118.52 5.89 -67.62	144.13 6.39 -91.41	229.16 6.39 -176.44	138.26 6.33 -85.70	144.10 6.25 -91.52	119.58 5.91 -67.49	74.26 5.35 -27.17	57.61 5.48 -9.98	56.16 4.71 -14.65	51.86 4.80 -10.14

SISSONVILLE____ 23735	39.39 -1.73 0.00	36.40 -1.28 0.00	33.77 -1.19 0.00	31.90 -0.95 0.00	32.23 -0.52 0.00	31.90 -0.39 0.00	28.58 -0.41 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.49 -0.74 0.00	45.49 -0.74 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.03 -1.30 0.00	44.94 -1.39 0.00	44.89 -1.34 0.00	45.07 -1.25 0.00	45.21 -0.97 0.00	40.87 -0.88 0.00	41.44 -0.72 0.00	36.37 -0.44 -0.02	36.41 -0.52 0.00
SITHE_IND_GS1 24169	40.09 -1.03 0.00	36.74 -0.94 0.00	34.05 -0.91 0.00	31.93 -0.92 0.00	31.77 -0.98 0.00	31.26 -1.03 -0.01	28.48 -0.90 -0.39	29.18 -0.96 -0.16	34.78 -1.11 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.90 -1.39 -0.06	45.21 -1.39 -0.37	46.61 -1.27 -0.88	44.84 -1.44 -1.27	46.05 -1.34 -1.07	46.28 -1.34 -1.30	46.39 -1.39 -1.55	46.02 -1.34 -1.04	45.13 -1.38 -0.33	40.82 -1.29 -0.36	41.02 -1.35 -0.22	35.19 -1.21 0.39	35.84 -1.14 -0.06
SITHE_IND_GS2 24170	40.09 -1.03 0.00	36.74 -0.94 0.00	34.05 -0.91 0.00	31.93 -0.92 0.00	31.77 -0.98 0.00	31.26 -1.03 -0.01	28.48 -0.90 -0.39	29.18 -0.96 -0.16	34.78 -1.11 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.90 -1.39 -0.06	45.21 -1.39 -0.37	46.61 -1.27 -0.88	44.84 -1.44 -1.27	46.05 -1.34 -1.07	46.28 -1.34 -1.30	46.39 -1.39 -1.55	46.02 -1.34 -1.04	45.13 -1.38 -0.33	40.82 -1.29 -0.36	41.02 -1.35 -0.22	35.19 -1.21 0.39	35.84 -1.14 -0.06
SITHE_IND_GS3 24171	40.09 -1.03 0.00	36.74 -0.94 0.00	34.05 -0.91 0.00	31.93 -0.92 0.00	31.77 -0.98 0.00	31.26 -1.03 -0.01	28.48 -0.90 -0.39	29.18 -0.96 -0.16	34.78 -1.11 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.90 -1.39 -0.06	45.21 -1.39 -0.37	46.61 -1.27 -0.88	44.84 -1.44 -1.27	46.05 -1.34 -1.07	46.28 -1.34 -1.30	46.39 -1.39 -1.55	46.02 -1.34 -1.04	45.13 -1.38 -0.33	40.82 -1.29 -0.36	41.02 -1.35 -0.22	35.19 -1.21 0.39	35.84 -1.14 -0.06
SITHE_IND_GS4 24172	40.09 -1.03 0.00	36.74 -0.94 0.00	34.05 -0.91 0.00	31.93 -0.92 0.00	31.77 -0.98 0.00	31.26 -1.03 -0.01	28.48 -0.90 -0.39	29.18 -0.96 -0.16	34.78 -1.11 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.90 -1.39 -0.06	45.21 -1.39 -0.37	46.61 -1.27 -0.88	44.84 -1.44 -1.27	46.05 -1.34 -1.07	46.28 -1.34 -1.30	46.39 -1.39 -1.55	46.02 -1.34 -1.04	45.13 -1.38 -0.33	40.82 -1.29 -0.36	41.02 -1.35 -0.22	35.19 -1.21 0.39	35.84 -1.14 -0.06
SITHE____BATAVIA 24024	41.20 0.08 0.00	37.60 -0.08 0.00	34.72 -0.24 0.00	32.38 -0.53 -0.06	32.46 -0.30 0.00	31.83 -0.48 -0.02	29.79 -0.06 -0.85	29.88 -0.45 -0.35	35.75 -0.14 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.67 -0.69 -0.13	46.26 -0.79 -0.81	48.76 -0.19 -1.95	46.74 -1.08 -2.81	48.08 -0.60 -2.36	48.69 -0.51 -2.87	49.00 -0.65 -3.42	48.44 -0.18 -2.30	46.59 -0.32 -0.73	42.12 -0.42 -0.79	42.00 -0.63 -0.48	37.01 -0.18 -0.39	37.39 0.33 -0.14
SITHE____INDEPEND 23800	40.21 -0.90 0.00	36.74 -0.94 0.00	34.05 -0.91 0.00	31.93 -0.92 0.00	31.74 -1.02 0.00	31.26 -1.03 -0.01	28.48 -0.90 -0.39	29.18 -0.96 -0.16	34.78 -1.11 0.00	37.30 -1.19 0.00	39.98 -1.28 0.00	44.90 -1.39 -0.06	45.21 -1.39 -0.37	46.61 -1.27 -0.89	44.85 -1.44 -1.28	46.05 -1.34 -1.07	46.28 -1.34 -1.30	46.39 -1.39 -1.55	46.03 -1.34 -1.04	45.13 -1.39 -0.33	40.82 -1.29 -0.36	41.02 -1.35 -0.22	35.19 -1.21 0.39	35.84 -1.14 -0.06
SITHE____MASSENA 23902	40.17 -0.94 0.00	36.93 -0.75 0.00	34.29 -0.67 0.00	32.26 -0.59 0.00	32.39 -0.36 0.00	31.96 -0.32 0.00	28.64 -0.35 0.00	29.62 -0.36 0.00	35.46 -0.43 0.00	38.07 -0.42 0.00	40.72 -0.54 0.00	45.44 -0.79 0.00	45.44 -0.79 0.00	46.00 -0.99 0.00	44.24 -0.77 0.00	45.26 -1.06 0.00	45.21 -1.11 0.00	45.21 -1.02 0.00	45.21 -1.11 0.00	45.35 -0.83 0.00	41.00 -0.75 0.00	41.48 -0.68 0.00	36.39 -0.40 0.00	36.48 -0.44 0.00
SITHE____OGDNSBRG 24021	40.25 -0.86 0.00	37.23 -0.45 0.00	34.54 -0.42 0.00	32.52 -0.33 0.00	32.75 0.00 0.00	32.35 0.06 0.00	28.93 -0.06 0.00	29.92 -0.06 0.00	35.82 -0.07 0.00	38.49 0.00 0.00	41.13 -0.12 0.00	45.91 -0.32 0.00	45.91 -0.32 0.00	46.34 -0.66 0.00	44.51 -0.50 0.00	45.44 -0.88 0.00	45.35 -0.97 0.00	45.31 -0.92 0.00	45.54 -0.79 0.00	45.76 -0.42 0.00	41.38 -0.38 0.00	41.99 -0.17 0.00	36.79 0.00 0.00	36.85 -0.07 0.00
SITHE____STERLING 23777	42.43 1.32 0.00	39.00 1.32 0.00	36.04 1.08 0.00	33.80 0.95 0.00	33.70 0.95 0.00	33.23 0.94 -0.01	30.10 0.75 -0.36	30.91 0.78 -0.15	36.89 1.00 0.00	39.57 1.08 0.00	42.45 1.20 0.00	47.67 1.39 -0.05	47.96 1.39 -0.34	49.22 1.41 -0.82	47.18 0.99 -1.18	48.47 1.16 -0.99	48.69 1.16 -1.20	48.68 1.02 -1.43	48.59 1.30 -0.97	47.69 1.20 -0.31	43.21 1.13 -0.33	43.58 1.22 -0.20	37.95 0.96 -0.20	37.94 0.96 -0.06
SLEIGHT__34_KV_TB1 80719	42.72 1.60 0.00	38.70 1.02 0.00	35.73 0.77 0.00	33.52 0.62 -0.05	33.28 0.52 0.00	32.95 0.65 -0.02	30.33 0.61 -0.73	30.91 0.63 -0.30	36.82 0.93 0.00	39.49 1.00 0.00	42.41 1.16 0.00	47.77 1.43 -0.11	48.27 1.34 -0.70	50.40 1.74 -1.67	48.54 1.13 -2.41	49.78 1.44 -2.02	50.26 1.48 -2.45	50.54 1.39 -2.92	49.68 1.39 -1.97	48.05 1.25 -0.62	43.51 1.09 -0.68	43.57 1.01 -0.41	37.86 0.66 -0.40	37.85 0.81 -0.12
SOUTH CAIRO____GT 23612	44.36 3.25 0.00	40.77 3.09 0.00	37.79 2.83 0.00	36.11 2.47 -0.80	35.18 2.42 0.00	34.80 2.29 -0.22	38.58 1.86 -7.74	35.07 1.92 -3.17	38.19 2.30 0.00	40.96 2.47 0.00	43.90 2.64 0.00	49.91 2.54 -1.14	56.00 2.54 -7.23	66.64 2.40 -17.25	71.33 2.47 -23.85	69.61 2.55 -20.74	73.45 2.59 -24.53	77.97 2.59 -29.15	69.36 2.27 -20.76	54.96 2.17 -6.61	50.79 1.88 -7.16	48.46 1.98 -4.32	42.60 2.24 -3.56	40.37 2.22 -1.23
SOUTH HAMPTN____IC 23720	55.32 6.05 -8.16	44.24 5.35 -1.21	40.25 4.89 -0.40	37.78 4.47 -0.46	37.24 4.49 0.00	40.29 4.71 -3.29	39.63 4.20 -6.44	41.30 4.50 -6.82	41.77 5.38 -0.50	62.62 6.20 -17.93	56.17 6.52 -8.39	59.21 7.63 -5.35	60.04 7.39 -6.42	127.10 7.85 -72.26	119.49 7.69 -66.79	144.74 8.34 -90.08	226.64 8.34 -171.98	137.85 8.27 -83.34	143.04 8.16 -88.56	118.86 7.67 -65.01	74.94 6.85 -26.34	58.79 6.91 -9.72	57.11 5.89 -14.43	52.60 5.91 -9.77
SOUTHDOW_115KV_TB1 355954	42.97 1.85 0.00	38.21 0.53 0.00	35.20 0.24 0.00	32.97 0.03 -0.08	32.95 0.20 0.00	32.09 -0.23 -0.03	30.15 0.03 -1.13	30.36 -0.09 -0.46	36.79 0.90 0.00	39.30 0.81 0.00	41.96 0.70 0.00	46.31 -0.09 -0.17	47.03 -0.28 -1.08	50.05 0.47 -2.59	48.25 -0.50 -3.73	49.88 0.42 -3.13	50.78 0.65 -3.81	51.09 0.32 -4.53	49.75 0.37 -3.05	47.06 -0.09 -0.97	42.72 -0.08 -1.05	42.54 -0.25 -0.63	37.06 -0.26 -0.52	37.33 0.22 -0.18
SOUTHOLD_69_KV_BK 2 55809	56.59 7.32 -8.16	45.45 6.56 -1.21	41.34 5.98 -0.40	38.83 5.52 -0.46	38.16 5.40 0.00	41.42 5.84 -3.29	40.59 5.16 -6.44	42.35 5.55 -6.82	43.10 6.71 -0.50	64.16 7.74 -17.93	57.99 8.33 -8.40	61.34 9.75 -5.35	62.17 9.52 -6.42	129.43 10.15 -72.28	121.62 9.81 -66.80	147.17 10.75 -90.09	229.15 10.79 -172.03	140.18 10.59 -83.37	145.48 10.56 -88.59	121.01 9.79 -65.04	76.71 8.60 -26.35	59.93 8.05 -9.73	58.55 7.32 -14.44	53.94 7.24 -9.78

SOUTHOLD___IC 23719	56.72 7.44 -8.16	45.48 6.59 -1.21	41.34 5.98 -0.40	38.79 5.49 -0.46	38.25 5.50 0.00	41.33 5.75 -3.29	40.59 5.16 -6.44	42.35 5.55 -6.82	43.10 6.71 -0.50	64.16 7.74 -17.93	57.99 8.34 -8.40	61.29 9.71 -5.35	62.17 9.52 -6.42	129.42 10.15 -72.28	121.62 9.81 -66.80	147.07 10.66 -90.09	228.96 10.61 -172.03	140.14 10.54 -83.37	145.29 10.38 -88.59	121.01 9.79 -65.04	76.70 8.60 -26.35	60.48 8.60 -9.73	58.48 7.25 -14.44	53.94 7.24 -9.78
SPIERFLS_115KV_TB 1 80737	43.99 2.88 0.00	40.36 2.68 0.00	37.41 2.45 0.00	36.62 2.30 -1.47	35.08 2.33 0.00	34.79 2.26 -0.25	39.67 2.09 -8.59	35.66 2.16 -3.52	38.58 2.69 0.00	41.42 2.93 0.00	44.18 2.93 0.00	50.75 3.28 -1.24	57.19 3.10 -7.87	68.52 2.82 -18.71	73.86 2.43 -26.42	71.01 2.36 -22.33	76.55 2.50 -27.72	81.80 2.45 -33.12	72.46 3.01 -23.13	56.30 2.77 -7.35	52.33 2.63 -7.95	49.95 2.99 -4.80	43.25 2.50 -3.95	40.55 2.25 -1.37
ST LAWRENCE____ 23600	39.84 -1.27 0.00	36.59 -1.09 0.00	34.02 -0.94 0.00	32.00 -0.85 0.00	32.00 -0.75 0.00	31.57 -0.71 0.00	28.35 -0.64 0.00	29.29 -0.69 0.00	35.07 -0.82 0.00	37.64 -0.85 0.00	40.23 -1.03 0.00	44.94 -1.29 0.00	44.94 -1.29 0.00	45.49 -1.51 0.00	43.80 -1.21 0.00	44.84 -1.48 0.00	44.84 -1.48 0.00	44.84 -1.39 0.00	44.80 -1.53 0.00	44.89 -1.29 0.00	40.63 -1.13 0.00	41.06 -1.10 0.00	36.02 -0.77 0.00	36.11 -0.81 0.00
STATE_CA_115KV_115_LB 55624	42.64 1.52 0.00	39.38 1.70 0.00	36.57 1.61 0.00	35.56 1.58 -1.13	34.09 1.34 0.00	33.85 1.32 -0.24	38.54 1.19 -8.36	34.61 1.20 -3.43	37.29 1.40 0.00	40.03 1.54 0.00	42.95 1.69 0.00	49.24 1.80 -1.21	55.74 1.85 -7.66	67.09 1.88 -18.22	72.41 1.67 -25.74	69.78 1.71 -21.74	75.02 1.71 -26.98	80.18 1.71 -32.24	70.53 1.71 -22.49	54.94 1.62 -7.14	50.90 1.42 -7.73	48.34 1.52 -4.67	42.07 1.43 -3.84	39.62 1.37 -1.33
STATE_ST_34_KV_LOAD 55959	41.98 0.86 0.00	38.13 0.45 0.00	35.24 0.28 0.00	33.10 0.20 -0.05	33.18 0.43 0.00	32.47 0.16 -0.02	29.90 0.14 -0.77	30.48 0.18 -0.31	36.25 0.36 0.00	38.84 0.35 0.00	41.71 0.45 0.00	46.95 0.60 -0.11	47.47 0.51 -0.73	49.55 0.80 -1.75	47.94 0.41 -2.53	49.14 0.69 -2.12	49.64 0.74 -2.58	49.99 0.69 -3.07	49.09 0.69 -2.07	47.39 0.55 -0.66	42.92 0.46 -0.71	43.00 0.42 -0.43	37.43 0.18 -0.45	37.31 0.26 -0.12
STATION 5_MISC_HYD 23604	40.99 -0.12 0.00	37.38 -0.30 0.00	34.54 -0.42 0.00	32.37 -0.53 -0.05	32.26 -0.49 0.00	31.89 -0.42 -0.02	29.62 -0.12 -0.74	29.96 -0.33 -0.30	35.64 -0.25 0.00	38.14 -0.35 0.00	40.88 -0.37 0.00	46.11 -0.23 -0.11	46.71 -0.23 -0.71	48.97 0.28 -1.69	47.00 -0.45 -2.44	48.23 -0.14 -2.05	48.67 -0.14 -2.49	48.96 -0.23 -2.96	48.37 0.05 -1.99	46.68 -0.14 -0.63	42.19 -0.25 -0.69	42.15 -0.42 -0.41	36.95 -0.18 -0.34	37.19 0.15 -0.12
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.98 0.86 0.00	37.76 0.08 0.00	34.89 -0.07 0.00	32.70 -0.20 -0.05	32.52 -0.23 0.00	32.14 -0.16 -0.02	29.82 0.09 -0.74	30.26 -0.03 -0.30	36.00 0.11 0.00	38.57 0.08 0.00	41.34 0.08 0.00	46.57 0.23 -0.11	47.12 0.18 -0.71	49.30 0.61 -1.69	47.40 -0.05 -2.44	48.74 0.37 -2.05	49.18 0.37 -2.49	49.51 0.32 -2.96	48.64 0.32 -1.99	47.09 0.28 -0.63	42.56 0.13 -0.69	42.57 0.00 -0.41	37.08 -0.07 -0.36	37.26 0.22 -0.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.61 0.49 0.00	37.23 -0.45 0.00	34.40 -0.56 0.00	32.21 -0.69 -0.05	32.13 -0.62 0.00	31.69 -0.61 -0.02	29.46 -0.26 -0.74	29.80 -0.48 -0.30	35.50 -0.39 0.00	38.03 -0.46 0.00	40.76 -0.50 0.00	45.97 -0.37 -0.11	46.56 -0.37 -0.70	48.77 0.09 -1.68	46.85 -0.59 -2.42	48.17 -0.19 -2.03	48.66 -0.14 -2.47	48.94 -0.23 -2.94	48.03 -0.28 -1.98	46.49 -0.32 -0.63	42.01 -0.42 -0.68	42.06 -0.51 -0.41	36.65 -0.48 -0.34	36.97 -0.07 -0.12
STA_56____34_KV_BUS2 355983	41.61 0.49 0.00	37.23 -0.45 0.00	34.40 -0.56 0.00	32.21 -0.69 -0.05	32.13 -0.62 0.00	31.69 -0.61 -0.02	29.46 -0.26 -0.74	29.80 -0.48 -0.30	35.50 -0.39 0.00	38.03 -0.46 0.00	40.76 -0.50 0.00	45.97 -0.37 -0.11	46.56 -0.37 -0.70	48.77 0.09 -1.68	46.85 -0.59 -2.42	48.17 -0.19 -2.03	48.66 -0.14 -2.47	48.94 -0.23 -2.94	48.03 -0.28 -1.98	46.49 -0.32 -0.63	42.01 -0.42 -0.68	42.06 -0.51 -0.41	36.65 -0.48 -0.34	36.97 -0.07 -0.12
STA_67____115KV_BK2 355882	41.73 0.62 0.00	37.30 -0.38 0.00	34.47 -0.49 0.00	32.28 -0.62 -0.05	32.20 -0.56 0.00	31.79 -0.52 -0.02	29.56 -0.17 -0.74	29.87 -0.42 -0.30	35.57 -0.32 0.00	38.07 -0.42 0.00	40.76 -0.50 0.00	45.97 -0.37 -0.11	46.57 -0.37 -0.71	48.78 0.09 -1.69	46.86 -0.59 -2.44	48.23 -0.14 -2.05	48.67 -0.14 -2.49	48.96 -0.23 -2.96	48.14 -0.19 -2.00	46.54 -0.28 -0.63	42.06 -0.38 -0.69	42.10 -0.46 -0.41	36.73 -0.40 -0.34	37.08 0.04 -0.12
STA_7____115KV_9TRANS 80674	42.10 0.99 0.00	37.60 -0.08 0.00	34.75 -0.21 0.00	32.51 -0.39 -0.05	32.46 -0.29 0.00	32.02 -0.29 -0.02	29.76 0.03 -0.74	30.08 -0.21 -0.30	35.86 -0.04 0.00	38.38 -0.12 0.00	41.13 -0.12 0.00	46.39 0.05 -0.11	47.03 0.09 -0.71	49.30 0.61 -1.69	47.27 -0.18 -2.44	48.65 0.28 -2.05	49.14 0.32 -2.49	49.43 0.23 -2.97	48.51 0.19 -2.00	47.00 0.18 -0.63	42.44 0.00 -0.69	42.48 -0.08 -0.41	37.03 -0.11 -0.34	37.37 0.33 -0.12
STA_82____115KV_TB1 80780	41.73 0.62 0.00	37.30 -0.38 0.00	34.50 -0.45 0.00	32.31 -0.59 -0.05	32.23 -0.52 0.00	31.79 -0.52 -0.02	29.56 -0.17 -0.75	29.90 -0.39 -0.31	35.57 -0.32 0.00	38.07 -0.42 0.00	40.76 -0.50 0.00	45.97 -0.37 -0.11	46.57 -0.37 -0.71	48.79 0.09 -1.70	46.88 -0.59 -2.45	48.25 -0.14 -2.06	48.74 -0.09 -2.50	49.02 -0.18 -2.98	48.15 -0.19 -2.01	46.59 -0.23 -0.64	42.11 -0.33 -0.69	42.11 -0.46 -0.42	36.73 -0.40 -0.34	37.12 0.07 -0.12
STEEL____WIND 323596	40.91 -0.20 0.00	37.34 -0.34 0.00	34.44 -0.52 0.00	32.23 -0.69 -0.07	32.23 -0.53 0.00	31.41 -0.90 -0.03	29.53 -0.46 -1.01	29.53 -0.87 -0.41	35.64 -0.25 0.00	38.03 -0.46 0.00	40.59 -0.66 0.00	45.09 -1.29 -0.15	45.76 -1.43 -0.96	48.54 -0.75 -2.30	46.80 -1.53 -3.32	48.23 -0.88 -2.79	48.88 -0.83 -3.38	49.20 -1.06 -4.03	48.25 -0.79 -2.71	45.84 -1.20 -0.86	41.60 -1.09 -0.93	41.37 -1.35 -0.56	36.38 -0.88 -0.46	36.75 -0.33 -0.16
STEPHTWN_115KV_BK_2 55603	42.84 1.73 0.00	39.56 1.88 0.00	36.74 1.78 0.00	35.58 1.74 -0.99	34.26 1.51 0.00	34.04 1.52 -0.24	38.60 1.36 -8.25	34.77 1.41 -3.38	37.54 1.65 0.00	40.26 1.77 0.00	43.24 1.98 0.00	49.46 2.03 -1.19	55.87 2.08 -7.56	67.09 2.11 -17.98	72.26 1.85 -25.41	69.64 1.85 -21.47	74.77 1.81 -26.64	79.90 1.85 -31.82	70.37 1.85 -22.20	54.99 1.75 -7.05	50.93 1.54 -7.63	48.45 1.69 -4.61	42.24 1.66 -3.79	39.83 1.59 -1.31
STEUBEN_REC_LFGE 323667	43.13 2.01 0.00	38.58 0.90 0.00	35.52 0.56 0.00	33.28 0.33 -0.10	33.11 0.36 0.00	32.45 0.13 -0.04	30.61 0.32 -1.30	30.69 0.18 -0.53	36.65 0.75 0.00	39.07 0.58 0.00	41.75 0.50 0.00	46.47 0.05 -0.19	47.33 -0.14 -1.24	50.42 0.47 -2.96	48.97 -0.32 -4.27	50.33 0.42 -3.58	51.33 0.65 -4.36	52.02 0.60 -5.19	50.65 0.83 -3.49	47.89 0.60 -1.11	43.54 0.58 -1.20	43.30 0.42 -0.73	37.64 0.22 -0.63	37.83 0.70 -0.21

STONY___BROOK 24151	54.29 5.01 -8.16	43.26 4.37 -1.21	39.34 3.98 -0.40	37.02 3.71 -0.46	36.48 3.73 0.00	39.52 3.94 -3.29	38.93 3.51 -6.44	40.61 3.81 -6.82	40.87 4.49 -0.50	61.51 5.08 -17.94	55.38 5.03 -9.10	58.48 5.68 -6.56	58.02 5.36 -6.43	140.67 5.68 -87.99	123.04 5.72 -72.32	151.30 6.02 -98.95	254.02 6.02 -201.68	151.20 5.97 -99.01	160.41 5.79 -108.29	133.26 5.59 -81.49	78.64 5.09 -31.79	58.89 5.31 -11.42	57.30 4.82 -15.69	53.99 4.87 -12.19
STURGEON_POOL_HYD 23609	43.79 2.67 0.00	40.02 2.34 0.00	37.09 2.13 0.00	35.32 1.94 -0.53	34.91 2.16 0.00	34.67 2.20 -0.19	37.50 1.88 -6.63	34.83 2.13 -2.72	38.33 2.44 0.00	41.15 2.66 0.00	44.23 2.97 0.00	51.25 4.02 -1.00	56.62 3.98 -6.42	66.63 4.23 -15.40	71.73 4.50 -22.22	69.72 4.63 -18.76	73.70 5.00 -22.37	77.61 4.81 -26.57	68.46 4.31 -17.83	55.86 4.02 -5.67	51.48 3.59 -6.13	49.23 3.37 -3.70	42.49 2.65 -3.05	40.53 2.55 -1.06
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.50 2.38 0.00	39.87 2.19 0.00	36.95 1.99 0.00	35.21 1.94 -0.42	34.72 1.97 0.00	34.49 2.03 -0.17	36.70 1.83 -5.88	34.46 2.07 -2.41	38.26 2.37 0.00	41.07 2.58 0.00	44.06 2.81 0.00	50.74 3.61 -0.90	55.67 3.61 -5.83	64.90 3.85 -14.05	69.34 3.65 -20.69	67.65 4.08 -17.25	70.94 4.08 -20.54	74.53 3.93 -24.37	66.00 3.84 -15.83	54.76 3.56 -5.03	50.37 3.17 -5.44	48.52 3.08 -3.29	42.04 2.54 -2.71	40.30 2.44 -0.94
SWANROAD_115KV_TB1 355699	41.03 -0.08 0.00	35.95 -1.73 0.00	33.18 -1.78 0.00	31.08 -1.84 -0.07	31.02 -1.74 0.00	30.54 -1.78 -0.03	28.67 -1.25 -0.93	28.62 -1.74 -0.38	34.28 -1.62 0.00	36.53 -1.96 0.00	38.99 -2.27 0.00	43.59 -2.77 -0.14	44.29 -2.82 -0.88	46.76 -2.35 -2.11	45.04 -3.02 -3.05	46.52 -2.36 -2.56	47.21 -2.22 -3.11	47.53 -2.40 -3.70	46.46 -2.36 -2.49	44.39 -2.59 -0.79	40.27 -2.34 -0.86	40.14 -2.53 -0.52	35.23 -1.99 -0.43	35.85 -1.22 -0.15
SYNERGY___BIOGAS 323694	41.20 0.08 0.00	37.60 -0.08 0.00	34.72 -0.24 0.00	32.38 -0.53 -0.06	32.46 -0.30 0.00	31.83 -0.48 -0.02	29.79 -0.06 -0.85	29.88 -0.45 -0.35	35.75 -0.14 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.67 -0.69 -0.13	46.26 -0.79 -0.81	48.76 -0.19 -1.95	46.74 -1.08 -2.81	48.08 -0.60 -2.36	48.69 -0.51 -2.87	49.00 -0.65 -3.42	48.44 -0.18 -2.30	46.59 -0.32 -0.73	42.12 -0.42 -0.79	42.00 -0.63 -0.48	37.01 -0.18 -0.39	37.39 0.33 -0.14
SYRACUSE___ENERGY_ST1 323597	41.44 0.33 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.62 -0.13 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.23 -1.41	46.96 -0.09 -2.04	48.13 0.09 -1.71	48.55 0.14 -2.08	48.75 0.05 -2.48	48.04 0.05 -1.67	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.40	36.88 -0.15 -0.10
SYRACUSE___ENERGY_ST2 323598	41.44 0.33 0.00	37.79 0.11 0.00	34.99 0.03 0.00	32.82 -0.03 0.00	32.62 -0.13 0.00	32.17 -0.13 -0.02	29.49 -0.12 -0.62	30.12 -0.12 -0.25	35.82 -0.07 0.00	38.41 -0.08 0.00	41.21 -0.04 0.00	46.37 0.05 -0.09	46.82 0.00 -0.59	48.64 0.23 -1.41	46.96 -0.09 -2.04	48.13 0.09 -1.71	48.55 0.14 -2.08	48.75 0.05 -2.48	48.04 0.05 -1.67	46.66 -0.05 -0.53	42.24 -0.08 -0.57	42.37 -0.13 -0.35	36.97 -0.22 -0.40	36.88 -0.15 -0.10
SYRACUSE___POWER 24017	41.28 0.16 0.00	37.64 -0.04 0.00	34.85 -0.10 0.00	32.73 -0.16 -0.04	32.49 -0.26 0.00	32.04 -0.26 -0.02	29.40 -0.23 -0.65	30.01 -0.24 -0.27	35.71 -0.18 0.00	38.26 -0.23 0.00	41.05 -0.21 0.00	46.19 -0.14 -0.10	46.66 -0.18 -0.62	48.52 0.05 -1.47	46.91 -0.23 -2.13	48.06 -0.05 -1.79	48.49 0.00 -2.17	48.72 -0.09 -2.58	47.97 -0.09 -1.74	46.55 -0.18 -0.55	42.14 -0.21 -0.60	42.26 -0.25 -0.36	36.83 -0.33 -0.37	36.77 -0.26 -0.10
TALLMAN___138KV_BK151 55660	43.75 2.63 0.00	40.09 2.41 0.00	37.13 2.17 0.00	35.42 2.14 -0.43	34.98 2.23 0.00	34.72 2.26 -0.18	37.14 2.06 -6.09	34.85 2.37 -2.50	38.58 2.69 0.00	41.42 2.93 0.00	44.47 3.22 0.00	51.24 4.07 -0.94	56.35 4.07 -6.05	65.95 4.37 -14.58	70.68 4.19 -21.49	68.91 4.68 -17.91	72.27 4.63 -21.31	76.00 4.48 -25.28	67.08 4.35 -16.40	55.41 4.02 -5.21	50.98 3.59 -5.64	49.06 3.50 -3.40	42.50 2.91 -2.80	40.66 2.77 -0.97
TEALLAVE_115KV_TB7 355573	41.16 0.04 0.00	37.53 -0.15 0.00	34.75 -0.21 0.00	32.56 -0.30 0.00	32.39 -0.36 0.00	31.91 -0.39 -0.02	29.19 -0.35 -0.54	29.85 -0.36 -0.22	35.57 -0.32 0.00	38.11 -0.38 0.00	40.88 -0.37 0.00	45.99 -0.32 -0.08	46.38 -0.37 -0.52	48.09 -0.14 -1.24	46.39 -0.41 -1.79	47.60 -0.23 -1.50	47.97 -0.19 -1.83	48.13 -0.28 -2.17	47.51 -0.28 -1.46	46.28 -0.37 -0.47	41.88 -0.38 -0.50	42.04 -0.42 -0.30	36.63 -0.48 -0.31	36.60 -0.41 -0.09
TELGRAPH_34_KV_EAST 80808	41.90 0.78 0.00	36.89 -0.79 0.00	34.02 -0.94 0.00	31.86 -1.05 -0.06	31.77 -0.98 0.00	31.28 -1.03 -0.03	29.32 -0.55 -0.88	29.36 -0.99 -0.36	35.17 -0.72 0.00	37.53 -0.96 0.00	40.10 -1.16 0.00	44.88 -1.48 -0.13	45.50 -1.57 -0.84	48.02 -0.99 -2.01	46.11 -1.80 -2.91	47.61 -1.16 -2.44	48.27 -1.02 -2.96	48.56 -1.20 -3.53	47.54 -1.16 -2.38	45.64 -1.29 -0.75	41.32 -1.25 -0.82	41.26 -1.39 -0.49	36.21 -0.99 -0.41	36.81 -0.26 -0.14
TEMPLE___115KV_TB 2 55572	41.16 0.04 0.00	37.57 -0.11 0.00	34.78 -0.17 0.00	32.59 -0.26 0.00	32.39 -0.36 0.00	31.95 -0.36 -0.02	29.22 -0.32 -0.55	29.88 -0.33 -0.23	35.57 -0.32 0.00	38.15 -0.35 0.00	40.93 -0.33 0.00	46.03 -0.28 -0.08	46.43 -0.32 -0.53	48.16 -0.09 -1.26	46.46 -0.36 -1.81	47.66 -0.19 -1.52	48.04 -0.14 -1.85	48.20 -0.23 -2.20	47.58 -0.23 -1.48	46.28 -0.37 -0.47	41.93 -0.33 -0.51	42.08 -0.38 -0.31	36.67 -0.44 -0.31	36.64 -0.37 -0.09
TIANA___69_KV_BK 1 55817	54.83 5.55 -8.16	43.94 5.05 -1.21	39.98 4.61 -0.40	37.58 4.27 -0.46	36.98 4.23 0.00	40.16 4.58 -3.29	39.43 4.00 -6.44	41.06 4.26 -6.82	41.49 5.10 -0.50	62.27 5.85 -17.93	55.76 6.11 -8.40	58.75 7.17 -5.35	59.58 6.93 -6.42	126.60 7.33 -72.28	119.01 7.20 -66.80	144.34 7.92 -90.09	226.32 7.97 -172.02	137.41 7.81 -83.36	142.74 7.83 -88.59	118.42 7.20 -65.03	74.57 6.47 -26.35	57.83 5.94 -9.73	56.90 5.67 -14.44	52.31 5.61 -9.78
TILDEN___115KV_TB1 80814	41.28 0.16 0.00	37.64 -0.04 0.00	34.85 -0.10 0.00	32.73 -0.16 -0.04	32.49 -0.26 0.00	32.04 -0.26 -0.02	29.40 -0.23 -0.65	30.01 -0.24 -0.27	35.71 -0.18 0.00	38.26 -0.23 0.00	41.05 -0.21 0.00	46.19 -0.14 -0.10	46.66 -0.18 -0.62	48.52 0.05 -1.47	46.91 -0.23 -2.13	48.06 -0.05 -1.79	48.49 0.00 -2.17	48.72 -0.09 -2.58	47.97 -0.09 -1.74	46.55 -0.18 -0.55	42.14 -0.21 -0.60	42.26 -0.25 -0.36	36.83 -0.33 -0.37	36.77 -0.26 -0.10
TRIGEN___CC 323695	52.85 3.58 -8.16	42.13 3.24 -1.21	38.33 2.97 -0.40	36.23 2.92 -0.46	35.73 2.98 0.00	38.61 3.03 -3.29	38.18 2.75 -6.44	39.89 3.09 -6.82	39.91 3.52 -0.50	60.26 3.85 -17.92	48.57 4.08 -3.23	52.22 4.99 -0.99	57.36 4.72 -6.41	67.47 5.03 -15.45	96.89 5.04 -46.84	109.89 5.51 -58.05	116.59 5.51 -64.75	78.38 5.36 -26.79	68.93 5.28 -17.33	56.58 4.90 -5.50	52.31 4.47 -6.09	49.80 4.05 -3.60	46.03 3.83 -5.40	41.75 3.73 -1.10

TRINITY__115KV__4 BK 55933	42.43 1.32 0.00	39.19 1.51 0.00	36.39 1.43 0.00	35.28 1.41 -1.02	33.96 1.21 0.00	33.72 1.19 -0.24	38.33 1.07 -8.27	34.45 1.08 -3.39	37.11 1.22 0.00	39.80 1.31 0.00	42.70 1.44 0.00	48.95 1.53 -1.20	55.38 1.57 -7.58	66.62 1.60 -18.03	71.93 1.44 -25.48	69.33 1.48 -21.53	74.52 1.48 -26.71	79.62 1.48 -31.91	70.07 1.48 -22.26	54.64 1.39 -7.07	50.62 1.21 -7.65	48.08 1.31 -4.62	41.85 1.25 -3.80	39.46 1.22 -1.32
UNION__PROCESSING_DRP 323587	41.77 0.66 0.00	37.34 -0.34 0.00	34.50 -0.45 0.00	32.31 -0.59 -0.05	32.23 -0.52 0.00	31.82 -0.48 -0.02	29.59 -0.14 -0.75	29.90 -0.39 -0.31	35.60 -0.29 0.00	38.07 -0.42 0.00	40.80 -0.45 0.00	46.02 -0.32 -0.11	46.62 -0.32 -0.71	48.84 0.14 -1.70	46.88 -0.59 -2.46	48.29 -0.09 -2.06	48.74 -0.09 -2.51	49.03 -0.18 -2.98	48.15 -0.19 -2.01	46.59 -0.23 -0.64	42.11 -0.33 -0.69	42.15 -0.42 -0.42	36.77 -0.37 -0.34	37.12 0.07 -0.12
UPPER HUDSON__HYD 24058	44.08 2.96 0.00	40.36 2.68 0.00	37.41 2.45 0.00	36.62 2.30 -1.47	35.01 2.26 0.00	34.79 2.26 -0.25	39.67 2.09 -8.59	35.67 2.16 -3.52	38.58 2.69 0.00	41.42 2.92 0.00	44.19 2.93 0.00	50.75 3.28 -1.24	57.19 3.10 -7.87	68.52 2.82 -18.71	73.86 2.43 -26.42	70.97 2.32 -22.33	76.50 2.45 -27.72	81.80 2.45 -33.12	72.46 3.01 -23.12	56.30 2.77 -7.35	52.33 2.63 -7.95	49.95 2.99 -4.80	43.25 2.50 -3.95	40.55 2.25 -1.37
UPPER RAQUET__HYD 24056	39.55 -1.56 0.00	36.40 -1.28 0.00	33.77 -1.19 0.00	31.90 -0.95 0.00	32.26 -0.49 0.00	31.90 -0.39 0.00	28.58 -0.41 0.00	29.59 -0.39 0.00	35.42 -0.47 0.00	38.11 -0.38 0.00	40.72 -0.54 0.00	45.49 -0.74 0.00	45.49 -0.74 0.00	45.96 -1.03 0.00	44.15 -0.86 0.00	45.08 -1.25 0.00	44.98 -1.34 0.00	44.94 -1.29 0.00	45.03 -1.30 0.00	45.21 -0.97 0.00	40.87 -0.88 0.00	41.48 -0.68 0.00	36.37 -0.44 -0.02	36.41 -0.52 0.00
VALLEY44_115KV_TB2 355964	42.10 0.99 0.00	37.53 -0.15 0.00	34.57 -0.38 0.00	32.37 -0.56 -0.08	32.36 -0.39 0.00	31.22 -1.10 -0.03	29.16 -0.96 -1.13	29.34 -1.11 -0.46	35.96 0.07 0.00	38.38 -0.12 0.00	41.01 -0.25 0.00	44.73 -1.66 -0.17	45.50 -1.80 -1.07	48.44 -1.13 -2.57	46.78 -1.94 -3.71	48.33 -1.11 -3.11	49.18 -0.93 -3.78	49.58 -1.16 -4.50	48.20 -1.16 -3.03	45.62 -1.52 -0.96	41.37 -1.42 -1.04	41.18 -1.60 -0.63	35.88 -1.44 -0.52	36.11 -1.00 -0.18
VALLEY__115KV_TB 1-4 80826	41.36 0.25 0.00	37.98 0.30 0.00	35.20 0.24 0.00	33.08 0.23 0.00	32.78 0.03 0.00	32.51 0.23 0.00	29.19 0.20 0.00	30.19 0.21 0.00	36.14 0.25 0.00	38.80 0.31 0.00	41.59 0.33 0.00	46.55 0.32 0.00	46.51 0.28 0.00	47.04 0.05 0.00	44.87 -0.14 0.00	46.14 -0.19 0.00	46.19 -0.14 0.00	46.04 -0.18 0.00	46.28 -0.05 0.00	46.09 -0.09 0.00	41.71 -0.04 0.00	42.20 0.04 0.00	36.83 0.04 0.00	37.00 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.71 2.59 0.00	40.09 2.41 0.00	37.09 2.13 0.00	35.22 2.04 -0.33	34.95 2.19 0.00	34.42 2.07 -0.07	33.09 1.77 -2.33	32.83 1.89 -0.95	38.26 2.37 0.00	41.11 2.62 0.00	44.14 2.89 0.00	49.95 3.37 -0.35	51.82 3.37 -2.22	55.60 3.29 -5.31	55.47 2.79 -7.67	55.81 3.06 -6.43	57.15 3.01 -7.82	58.45 2.91 -9.31	55.70 3.10 -6.27	51.13 2.96 -1.99	46.58 2.67 -2.15	46.24 2.78 -1.30	40.17 2.28 -1.09	39.55 2.25 -0.37
VISCHER__FERRY HYD 24020	43.33 2.22 0.00	39.75 2.07 0.00	36.88 1.92 0.00	36.02 1.87 -1.30	34.55 1.80 0.00	34.30 1.77 -0.24	39.00 1.62 -8.39	35.04 1.62 -3.44	37.79 1.90 0.00	40.53 2.04 0.00	43.40 2.14 0.00	49.88 2.45 -1.20	56.25 2.45 -7.57	67.49 2.54 -17.96	72.46 2.29 -25.16	69.96 2.32 -21.32	75.37 2.36 -26.68	80.50 2.36 -31.92	71.35 2.45 -22.57	55.66 2.31 -7.17	51.60 2.09 -7.76	48.99 2.15 -4.69	42.53 1.88 -3.86	40.03 1.77 -1.34
V_A_10_SYNC_DSASP 323832	41.16 0.04 0.00	36.55 -1.13 0.00	33.77 -1.19 0.00	31.63 -1.28 -0.06	31.57 -1.18 0.00	31.21 -1.10 -0.02	29.21 -0.61 -0.83	29.33 -0.99 -0.34	34.89 -1.00 0.00	37.22 -1.27 0.00	39.81 -1.44 0.00	44.87 -1.48 -0.12	45.50 -1.53 -0.79	47.86 -1.03 -1.90	46.04 -1.71 -2.74	47.51 -1.11 -2.30	48.10 -1.02 -2.79	48.40 -1.16 -3.33	47.45 -1.11 -2.24	45.51 -1.39 -0.71	41.27 -1.25 -0.77	41.19 -1.43 -0.47	36.04 -1.14 -0.38	36.54 -0.52 -0.13
V_CMM_10_SYNC_DSASP 323787	40.01 -1.11 0.00	36.74 -0.94 0.00	34.16 -0.80 0.00	32.10 -0.75 0.00	32.13 -0.62 0.00	31.70 -0.58 0.00	28.47 -0.52 0.00	29.41 -0.57 0.00	35.21 -0.68 0.00	37.80 -0.69 0.00	40.39 -0.87 0.00	45.12 -1.11 0.00	45.12 -1.11 0.00	45.68 -1.32 0.00	43.98 -1.03 0.00	44.98 -1.34 0.00	44.98 -1.34 0.00	44.98 -1.25 0.00	44.98 -1.34 0.00	45.07 -1.11 0.00	40.75 -1.00 0.00	41.23 -0.93 0.00	36.13 -0.66 0.00	36.22 -0.70 0.00
V_CMP_10_SYNC_DSASP 323788	39.55 -1.56 0.00	36.51 -1.17 0.00	34.02 -0.94 0.00	32.03 -0.82 0.00	32.20 -0.56 0.00	31.77 -0.52 0.00	28.50 -0.49 0.00	29.47 -0.51 0.00	35.28 -0.61 0.00	37.92 -0.58 0.00	40.02 -1.24 0.00	44.33 -1.90 0.00	44.38 -1.85 0.00	44.93 -2.07 0.00	43.21 -1.80 0.00	44.15 -2.18 0.00	44.15 -2.18 0.00	44.15 -2.08 0.00	44.10 -2.22 0.00	44.24 -1.94 0.00	40.21 -1.54 0.00	40.89 -1.26 0.00	36.79 0.00 0.00	36.89 -0.04 0.00
V_E_10_SYNC_DSASP 323830	44.98 3.86 0.00	41.41 3.73 0.00	38.07 3.11 0.00	35.92 2.89 -0.18	35.67 2.91 0.00	35.14 2.81 -0.05	33.13 2.38 -1.76	33.13 2.43 -0.72	39.05 3.16 0.00	41.88 3.39 0.00	44.76 3.50 0.00	50.42 3.93 -0.26	51.79 3.88 -1.68	54.68 3.67 -4.02	53.51 2.70 -5.80	54.35 3.15 -4.87	55.43 3.19 -5.92	56.19 2.91 -7.04	54.73 3.66 -4.74	51.15 3.47 -1.51	46.60 3.22 -1.63	46.64 3.50 -0.98	40.52 2.87 -0.86	40.16 2.96 -0.28
V_F_30_NSYNC__DSASP 323816	44.08 2.96 0.00	40.39 2.71 0.00	37.48 2.52 0.00	36.67 2.37 -1.45	35.11 2.36 0.00	34.86 2.33 -0.25	39.67 2.12 -8.56	35.65 2.16 -3.51	38.51 2.62 0.00	41.30 2.81 0.00	44.27 3.01 0.00	50.84 3.37 -1.24	57.42 3.37 -7.82	68.93 3.34 -18.60	74.21 2.97 -26.23	71.47 2.97 -22.17	76.95 3.06 -27.57	82.22 3.05 -32.94	72.61 3.24 -23.05	56.60 3.09 -7.32	52.47 2.80 -7.92	49.89 2.95 -4.79	43.27 2.54 -3.94	40.65 2.37 -1.37
V_F_30_SYNC_DSASP 323786	42.64 1.52 0.00	39.38 1.70 0.00	36.53 1.57 0.00	35.55 1.58 -1.12	34.09 1.34 0.00	33.85 1.32 -0.24	38.53 1.19 -8.35	34.61 1.20 -3.42	37.29 1.40 0.00	40.03 1.54 0.00	42.95 1.69 0.00	49.24 1.80 -1.21	55.73 1.85 -7.65	67.07 1.88 -18.20	72.39 1.67 -25.72	69.77 1.71 -21.73	75.00 1.71 -26.96	80.15 1.71 -32.21	70.51 1.71 -22.47	54.93 1.62 -7.14	50.90 1.42 -7.73	48.34 1.52 -4.67	42.07 1.43 -3.84	39.62 1.37 -1.33
V_XM_10_SYNC_DSASP 323789	39.55 -1.56 0.00	36.51 -1.17 0.00	34.02 -0.94 0.00	32.03 -0.82 0.00	32.20 -0.56 0.00	31.77 -0.52 0.00	28.50 -0.49 0.00	29.47 -0.51 0.00	35.28 -0.61 0.00	37.92 -0.58 0.00	40.02 -1.24 0.00	44.33 -1.90 0.00	44.38 -1.85 0.00	44.93 -2.07 0.00	43.21 -1.80 0.00	44.15 -2.18 0.00	44.15 -2.18 0.00	44.15 -2.08 0.00	44.10 -2.22 0.00	44.24 -1.94 0.00	40.21 -1.54 0.00	40.89 -1.26 0.00	36.79 0.00 0.00	36.89 -0.04 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.91 2.80 0.00	40.24 2.56 0.00	37.27 2.31 0.00	35.55 2.27 -0.44	35.11 2.36 0.00	34.85 2.39 -0.18	37.30 2.17 -6.14	34.96 2.46 -2.52	38.69 2.80 0.00	41.57 3.08 0.00	44.64 3.38 0.00	51.43 4.25 -0.95	56.58 4.25 -6.10	66.25 4.56 -14.70	71.04 4.37 -21.67	69.25 4.86 -18.06	72.62 4.82 -21.48	76.39 4.67 -25.49	67.39 4.54 -16.52	55.63 4.20 -5.25	51.15 3.72 -5.68	49.25 3.67 -3.43	42.64 3.02 -2.82	40.78 2.88 -0.98
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.20 3.08 0.00	40.54 2.86 0.00	37.58 2.62 0.00	35.90 2.60 -0.46	35.44 2.69 0.00	35.21 2.74 -0.19	37.95 2.52 -6.44	35.50 2.88 -2.64	39.12 3.23 0.00	41.99 3.50 0.00	45.05 3.80 0.00	51.98 4.76 -0.99	57.35 4.72 -6.41	67.47 5.03 -15.44	72.70 4.91 -22.79	70.73 5.42 -18.98	74.30 5.42 -22.56	78.22 5.22 -26.76	68.69 5.05 -17.32	56.39 4.71 -5.50	51.92 4.22 -5.95	49.92 4.17 -3.60	43.25 3.50 -2.96	41.35 3.40 -1.03
W50THST__13_KV_LOAD 356117	44.49 3.37 0.00	40.77 3.09 0.00	37.79 2.83 0.00	36.13 2.83 -0.46	35.67 2.91 0.00	35.44 2.97 -0.19	38.15 2.73 -6.44	35.71 3.09 -2.64	39.37 3.48 0.00	42.26 3.77 0.00	45.34 4.08 0.00	52.31 5.09 -0.99	57.77 5.13 -6.41	67.84 5.40 -15.44	73.02 5.22 -22.79	71.05 5.74 -18.98	74.63 5.74 -22.56	78.59 5.59 -26.76	69.02 5.37 -17.32	56.76 5.08 -5.50	52.17 4.47 -5.95	50.22 4.47 -3.60	43.47 3.72 -2.96	41.61 3.66 -1.03
WADING RIVER_IC_1 23522	54.04 4.77 -8.16	43.19 4.29 -1.21	39.31 3.95 -0.40	36.89 3.58 -0.46	36.35 3.60 0.00	39.42 3.84 -3.29	38.82 3.39 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.27 4.85 -17.93	54.63 4.99 -8.38	57.40 5.82 -5.34	58.24 5.59 -6.42	124.97 5.83 -72.15	117.61 5.85 -66.75	142.69 6.35 -90.02	224.45 6.35 -171.78	135.80 6.33 -83.23	140.96 6.21 -88.43	116.90 5.82 -64.90	73.36 5.30 -26.31	57.31 5.44 -9.71	55.88 4.67 -14.41	51.45 4.77 -9.76
WADING RIVER_IC_2 23547	54.04 4.77 -8.16	43.19 4.29 -1.21	39.31 3.95 -0.40	36.89 3.58 -0.46	36.35 3.60 0.00	39.42 3.84 -3.29	38.82 3.39 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.27 4.85 -17.93	54.63 4.99 -8.38	57.40 5.82 -5.34	58.24 5.59 -6.42	124.97 5.83 -72.15	117.61 5.85 -66.75	142.69 6.35 -90.02	224.45 6.35 -171.78	135.80 6.33 -83.23	140.96 6.21 -88.43	116.90 5.82 -64.90	73.36 5.30 -26.31	57.31 5.44 -9.71	55.88 4.67 -14.41	51.45 4.77 -9.76
WADING RIVER_IC_3 23601	54.04 4.77 -8.16	43.19 4.29 -1.21	39.31 3.95 -0.40	36.89 3.58 -0.46	36.35 3.60 0.00	39.42 3.84 -3.29	38.82 3.39 -6.44	40.40 3.60 -6.82	40.59 4.20 -0.50	61.27 4.85 -17.93	54.63 4.99 -8.38	57.40 5.82 -5.34	58.24 5.59 -6.42	124.97 5.83 -72.15	117.61 5.85 -66.75	142.69 6.35 -90.02	224.45 6.35 -171.78	135.80 6.33 -83.23	140.96 6.21 -88.43	116.90 5.82 -64.90	73.36 5.30 -26.31	57.31 5.44 -9.71	55.88 4.67 -14.41	51.45 4.77 -9.76
WALDENNY_I2_KV_BK2 80841	42.23 1.11 0.00	37.30 -0.38 0.00	34.40 -0.56 0.00	32.20 -0.72 -0.07	32.16 -0.59 0.00	31.47 -0.84 -0.03	29.53 -0.46 -1.00	29.55 -0.84 -0.41	35.64 -0.25 0.00	38.03 -0.46 0.00	40.60 -0.66 0.00	45.13 -1.25 -0.15	45.80 -1.39 -0.95	48.57 -0.70 -2.28	46.82 -1.49 -3.29	48.39 -0.69 -2.76	49.13 -0.56 -3.36	49.40 -0.83 -4.00	48.18 -0.83 -2.69	45.83 -1.20 -0.86	41.59 -1.09 -0.93	41.45 -1.26 -0.56	36.26 -0.99 -0.46	36.75 -0.33 -0.16
WALDEN__HYDRO 24148	44.20 3.09 0.00	40.32 2.64 0.00	37.34 2.38 0.00	35.56 2.27 -0.44	35.11 2.36 0.00	34.85 2.39 -0.18	37.24 2.06 -6.19	34.80 2.28 -2.54	38.48 2.59 0.00	41.30 2.81 0.00	44.35 3.10 0.00	51.06 3.88 -0.95	56.26 3.93 -6.10	65.81 4.14 -14.68	70.53 3.96 -21.56	68.76 4.45 -17.99	72.21 4.40 -21.48	76.08 4.34 -25.51	67.24 4.26 -16.65	55.49 4.02 -5.29	51.07 3.59 -5.73	49.15 3.54 -3.46	42.40 2.76 -2.85	40.68 2.77 -0.99
WARRENSBURG____ 23737	44.08 2.96 0.00	40.36 2.68 0.00	37.41 2.45 0.00	36.62 2.30 -1.47	35.01 2.26 0.00	34.79 2.26 -0.25	39.67 2.09 -8.59	35.67 2.16 -3.52	38.58 2.69 0.00	41.42 2.92 0.00	44.19 2.93 0.00	50.75 3.28 -1.24	57.19 3.10 -7.87	68.52 2.82 -18.71	73.86 2.43 -26.42	70.97 2.32 -22.33	76.50 2.45 -27.72	81.80 2.45 -33.12	72.46 3.01 -23.12	56.30 2.77 -7.35	52.33 2.63 -7.95	49.95 2.99 -4.80	43.25 2.50 -3.95	40.55 2.25 -1.37
WATERSIDE____6 8 9 23538	44.20 3.08 0.00	40.58 2.90 0.00	37.68 2.73 0.00	36.00 2.69 -0.46	35.53 2.78 0.00	35.32 2.84 -0.19	38.04 2.61 -6.44	35.57 2.94 -2.64	39.19 3.30 0.00	41.92 3.43 0.00	45.04 3.80 0.01	51.70 4.48 -0.98	57.02 4.39 -6.40	64.31 4.84 -12.48	65.05 4.73 -15.31	68.02 5.23 -16.46	61.14 5.28 -9.54	77.24 4.99 -26.02	54.06 4.82 -2.92	52.11 4.29 -1.64	44.49 4.09 1.35	45.24 4.22 1.12	43.39 3.64 -2.95	41.42 3.47 -1.03
WATKINRD_115KV_LN8_ILLION 55919	41.28 0.16 0.00	37.87 0.19 0.00	35.10 0.14 0.00	32.98 0.13 0.00	32.82 0.07 0.00	32.45 0.16 0.00	29.16 0.17 0.00	30.16 0.18 0.00	36.11 0.22 0.00	38.72 0.23 0.00	41.50 0.25 0.00	46.55 0.32 0.00	46.51 0.28 0.00	47.18 0.19 0.00	45.05 0.05 0.00	46.37 0.05 0.00	46.37 0.05 0.00	46.28 0.05 0.00	46.46 0.14 0.00	46.27 0.09 0.00	41.88 0.13 0.00	42.32 0.17 0.00	36.91 0.11 0.00	37.07 0.15 0.00
WATSON__69_KV_BK 1 55734	54.74 5.47 -8.16	43.75 4.86 -1.21	39.77 4.40 -0.40	37.45 4.14 -0.46	36.88 4.13 0.00	39.94 4.36 -3.29	39.28 3.86 -6.44	41.00 4.20 -6.82	41.34 4.95 -0.50	61.92 5.50 -17.93	55.10 5.69 -8.15	55.96 6.56 -3.17	58.93 6.29 -6.42	97.41 6.58 -43.84	108.39 6.57 -56.81	127.56 7.18 -74.06	171.90 7.23 -118.34	108.31 7.03 -55.05	106.25 7.00 -52.93	87.93 6.51 -35.24	64.45 5.97 -16.73	54.25 5.44 -6.66	56.12 5.41 -13.92	47.77 5.32 -5.53
WDELAWARE__HYD 323627	43.67 2.55 0.00	39.79 2.11 0.00	36.85 1.89 0.00	35.08 1.81 -0.42	34.68 1.93 0.00	34.42 1.97 -0.16	36.19 1.62 -5.58	34.13 1.86 -2.29	37.94 2.04 0.00	40.76 2.27 0.00	43.73 2.48 0.00	50.36 3.28 -0.85	53.81 2.13 -5.45	62.34 2.26 -13.09	66.22 2.16 -19.05	64.91 2.59 -15.99	68.00 2.59 -19.08	71.39 2.49 -22.66	63.79 2.45 -15.01	53.17 2.22 -4.77	50.05 3.13 -5.16	48.39 3.12 -3.12	41.61 2.24 -2.57	40.10 2.29 -0.89
WEST BABYLON__IC 23714	54.37 5.10 -8.16	43.41 4.52 -1.21	39.49 4.13 -0.40	37.22 3.91 -0.46	36.62 3.86 0.00	39.68 4.10 -3.29	39.05 3.62 -6.44	40.79 3.99 -6.82	41.05 4.67 -0.50	61.61 5.20 -17.92	51.65 5.36 -5.03	53.94 6.19 -1.52	58.56 5.92 -6.41	75.48 6.20 -22.28	100.41 6.17 -49.24	114.99 6.76 -61.91	130.79 6.81 -77.65	86.48 6.66 -33.59	78.80 6.58 -25.90	64.98 6.14 -12.66	56.17 5.64 -8.79	51.63 5.14 -4.33	50.41 5.11 -8.50	44.24 5.02 -2.29
WEST CANADA__HYD 24049	41.32 0.21 0.00	37.87 0.19 0.00	35.13 0.18 0.00	33.02 0.17 0.00	32.88 0.13 0.00	32.41 0.13 0.00	29.16 0.17 0.00	30.16 0.18 0.00	36.11 0.22 0.00	38.72 0.23 0.00	41.50 0.25 0.00	46.56 0.33 0.00	46.56 0.33 0.00	47.33 0.33 0.00	45.23 0.23 0.00	46.60 0.28 0.00	46.60 0.28 0.00	46.46 0.23 0.00	46.65 0.33 0.00	46.46 0.28 0.00	42.00 0.25 0.00	42.41 0.25 0.00	36.98 0.18 0.00	37.11 0.19 0.00

WESTERN_NY_WIND 24143	41.16 0.04 0.00	37.53 -0.15 0.00	34.68 -0.28 0.00	32.32 -0.59 -0.06	32.42 -0.33 0.00	31.76 -0.55 -0.02	29.74 -0.12 -0.87	29.83 -0.51 -0.35	35.68 -0.21 0.00	38.03 -0.46 0.00	40.64 -0.62 0.00	45.53 -0.83 -0.13	46.17 -0.88 -0.82	48.69 -0.28 -1.97	46.69 -1.17 -2.85	48.02 -0.69 -2.39	48.63 -0.60 -2.90	48.95 -0.74 -3.46	48.38 -0.28 -2.33	46.50 -0.42 -0.74	42.05 -0.50 -0.80	41.92 -0.72 -0.48	36.94 -0.26 -0.40	37.36 0.29 -0.14
WESTOVER___LESR 323668	42.18 1.07 0.00	38.32 0.64 0.00	35.48 0.52 0.00	33.40 0.39 -0.15	33.15 0.39 0.00	32.66 0.32 -0.05	31.19 0.32 -1.88	31.05 0.30 -0.77	36.54 0.65 0.00	39.11 0.62 0.00	41.96 0.70 0.00	47.16 0.65 -0.28	48.62 0.60 -1.79	52.18 0.89 -4.29	51.66 0.45 -6.20	52.36 0.83 -5.20	53.57 0.93 -6.32	54.58 0.83 -7.52	52.27 0.88 -5.07	48.48 0.69 -1.61	44.12 0.63 -1.74	43.75 0.55 -1.05	38.07 0.37 -0.91	37.70 0.48 -0.30
WETHRSFD_WT_PWR 323626	40.99 -0.12 0.00	37.34 -0.34 0.00	34.44 -0.52 0.00	32.31 -0.63 -0.08	32.23 -0.53 0.00	31.54 -0.78 -0.03	29.70 -0.41 -1.12	29.69 -0.75 -0.46	35.64 -0.25 0.00	37.99 -0.50 0.00	40.59 -0.66 0.00	45.29 -1.11 -0.17	46.05 -1.25 -1.07	48.84 -0.70 -2.55	47.25 -1.44 -3.68	48.67 -0.74 -3.09	49.34 -0.74 -3.75	49.78 -0.92 -4.47	48.78 -0.55 -3.01	46.21 -0.92 -0.96	41.99 -0.79 -1.03	41.73 -1.05 -0.62	36.65 -0.66 -0.51	36.85 -0.26 -0.18
WHAVSTOR_138KV_BK127 55557	43.62 2.51 0.00	39.98 2.30 0.00	37.06 2.10 0.00	35.36 2.07 -0.44	34.91 2.16 0.00	34.66 2.20 -0.18	37.14 2.00 -6.15	34.81 2.31 -2.52	38.51 2.62 0.00	41.34 2.85 0.00	44.39 3.14 0.00	51.15 3.98 -0.95	56.27 3.93 -6.11	65.95 4.23 -14.72	70.76 4.05 -21.70	68.95 4.54 -18.09	72.33 4.49 -21.51	76.10 4.35 -25.53	67.09 4.22 -16.55	55.36 3.93 -5.26	50.91 3.47 -5.69	49.00 3.41 -3.44	42.46 2.83 -2.83	40.60 2.70 -0.98
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.62 2.51 0.00	39.98 2.30 0.00	37.06 2.10 0.00	35.36 2.07 -0.44	34.91 2.16 0.00	34.66 2.20 -0.18	37.14 2.00 -6.15	34.81 2.31 -2.52	38.51 2.62 0.00	41.34 2.85 0.00	44.39 3.14 0.00	51.15 3.98 -0.95	56.27 3.93 -6.11	65.95 4.23 -14.72	70.76 4.05 -21.70	68.95 4.54 -18.09	72.33 4.49 -21.51	76.10 4.35 -25.53	67.09 4.22 -16.55	55.36 3.93 -5.26	50.91 3.47 -5.69	49.00 3.41 -3.44	42.46 2.83 -2.83	40.60 2.70 -0.98
WHITEHAL_115KV_TB1 80871	45.35 4.23 0.00	41.60 3.92 0.00	38.56 3.60 0.00	37.63 3.32 -1.46	36.09 3.34 0.00	35.79 3.26 -0.25	40.56 2.99 -8.58	36.62 3.12 -3.52	39.77 3.88 0.00	42.69 4.20 0.00	45.67 4.41 0.00	52.37 4.90 -1.24	58.79 4.72 -7.85	70.07 4.42 -18.66	75.22 3.87 -26.34	72.34 3.75 -22.26	77.92 3.94 -27.66	83.25 3.98 -33.05	73.91 4.49 -23.09	57.76 4.25 -7.34	53.57 3.88 -7.94	51.21 4.26 -4.79	44.35 3.61 -3.95	41.58 3.29 -1.37
WHITEPLN_13_KV_LOAD 356215	44.53 3.41 0.00	40.81 3.13 0.00	37.76 2.80 0.00	36.07 2.76 -0.46	35.44 2.69 0.00	35.38 2.91 -0.19	38.10 2.70 -6.42	35.61 3.00 -2.63	39.52 3.63 0.00	42.42 3.93 0.00	45.59 4.33 0.00	52.67 5.46 -0.99	58.12 5.50 -6.39	68.27 5.87 -15.40	73.45 5.72 -22.72	71.56 6.30 -18.93	75.12 6.30 -22.50	78.97 6.06 -26.69	69.57 5.98 -17.27	57.16 5.50 -5.49	52.45 4.76 -5.94	50.25 4.51 -3.59	43.54 3.79 -2.95	41.49 3.54 -1.02
WM_FLOYD_69_KV_BK2 356380	54.21 4.93 -8.16	43.38 4.48 -1.21	39.49 4.13 -0.40	37.12 3.81 -0.46	36.52 3.77 0.00	39.71 4.13 -3.29	39.02 3.59 -6.44	40.61 3.81 -6.82	40.87 4.49 -0.50	61.50 5.08 -17.93	54.88 5.16 -8.47	57.65 6.01 -5.41	58.38 5.73 -6.42	126.11 6.06 -73.05	118.11 6.03 -67.07	143.48 6.62 -90.53	226.48 6.67 -173.48	136.93 6.56 -84.13	142.46 6.58 -89.56	118.12 6.10 -65.84	73.93 5.55 -26.63	57.02 5.06 -9.81	56.36 5.00 -14.56	51.81 4.98 -9.90
WOODARD___115KV_TB2 355635	41.07 -0.04 0.00	37.49 -0.19 0.00	34.71 -0.24 0.00	32.56 -0.30 0.00	32.36 -0.39 0.00	31.91 -0.39 -0.02	29.19 -0.35 -0.55	29.82 -0.39 -0.22	35.53 -0.36 0.00	38.07 -0.42 0.00	40.84 -0.41 0.00	45.94 -0.37 -0.08	46.34 -0.42 -0.52	48.01 -0.23 -1.25	46.36 -0.45 -1.80	47.56 -0.28 -1.51	47.89 -0.28 -1.84	48.10 -0.32 -2.19	47.43 -0.37 -1.47	46.19 -0.46 -0.47	41.84 -0.42 -0.51	42.00 -0.46 -0.31	36.61 -0.52 -0.33	36.57 -0.44 -0.09
YORK___WARBASSE 23770	44.49 3.37 0.00	40.77 3.09 0.00	37.90 2.94 -0.01	36.21 2.89 -0.46	35.77 3.01 -0.01	35.55 3.07 -0.19	38.19 2.75 -6.44	35.75 3.12 -2.65	39.41 3.52 0.00	42.15 3.66 0.00	45.40 4.08 -0.06	88.09 4.85 -37.01	88.21 4.76 -37.22	88.38 5.17 -36.22	125.18 5.04 -75.13	88.57 5.56 -36.69	165.68 5.61 -113.75	83.54 5.32 -32.00	169.64 5.14 -118.17	83.28 4.62 -32.48	103.28 4.43 -57.10	83.32 4.51 -36.65	43.71 3.90 -3.02	41.64 3.69 -1.03