

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/15/2023

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	30.04	26.25	23.87	23.00	22.60	22.60	22.79	24.56	26.96	29.13	31.87	34.00	37.20	38.72	40.36	50.40	58.10	60.93	59.96	45.81	42.19	39.47	34.72	32.06
24138	2.50	2.21	1.93	1.92	1.73	1.77	1.90	2.25	2.52	2.80	3.04	3.17	3.30	3.40	3.39	4.11	4.50	4.88	4.77	3.44	3.21	3.02	2.76	2.80
	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.34	1.29	0.90	1.61	2.08	1.17	-4.35	-6.76	-8.18	-7.04	4.12	3.83	2.21	2.13	1.53
74TH STREET_GT_1	30.17	26.35	24.00	23.06	22.63	22.62	22.85	24.61	27.03	29.24	32.08	34.12	37.37	38.94	40.59	50.56	58.29	61.31	60.10	46.04	42.36	39.66	34.92	32.15
24260	2.64	2.31	2.06	1.98	1.75	1.79	1.96	2.30	2.59	2.91	3.25	3.30	3.48	3.63	3.62	4.28	4.68	5.26	4.91	3.67	3.38	3.21	2.97	2.89
	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.34	1.29	0.90	1.61	2.08	1.17	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.13	1.53
74TH STREET_GT_2	30.17	26.35	24.00	23.06	22.63	22.62	22.85	24.61	27.03	29.24	32.08	34.12	37.37	38.94	40.59	50.56	58.29	61.31	60.10	46.04	42.36	39.66	34.92	32.15
24261	2.64	2.31	2.06	1.98	1.75	1.79	1.96	2.30	2.59	2.91	3.25	3.30	3.48	3.63	3.62	4.28	4.68	5.26	4.91	3.67	3.38	3.21	2.97	2.89
	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.34	1.29	0.90	1.61	2.08	1.17	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.13	1.53
ADK HUDSON___FALLS	29.90	26.02	23.73	22.78	22.44	22.39	22.56	24.23	26.71	28.27	30.98	33.24	36.42	38.06	39.79	57.06	73.60	80.57	79.26	47.69	42.66	41.62	34.85	31.42
24011	2.37	1.97	1.80	1.68	1.57	1.56	1.67	1.92	2.27	1.97	2.29	2.51	2.73	2.95	3.09	4.03	4.45	5.03	4.86	4.60	4.11	3.63	3.14	2.34
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.38	1.43	0.99	1.81	2.29	1.45	-11.10	-22.30	-27.68	-26.23	3.39	4.26	0.67	2.37	1.71
ADK RESOURCE___RCVRY	30.15	26.23	23.91	22.95	22.67	22.62	22.75	24.45	26.98	28.51	31.28	33.62	36.81	38.50	40.28	57.72	74.37	81.29	80.16	48.30	43.26	42.17	35.26	31.73
23798	2.62	2.19	1.98	1.85	1.80	1.79	1.86	2.14	2.54	2.21	2.59	2.89	3.12	3.40	3.58	4.61	5.11	5.60	5.63	5.21	4.71	4.18	3.54	2.65
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.38	1.43	0.99	1.81	2.29	1.45	-11.17	-22.42	-27.83	-26.37	3.39	4.26	0.66	2.37	1.71
ADK S GLENS___FALLS	29.90	26.02	23.73	22.78	22.44	22.39	22.56	24.23	26.71	28.27	30.98	33.24	36.42	38.06	39.79	57.06	73.60	80.57	79.26	47.69	42.66	41.62	34.85	31.42
24028	2.37	1.97	1.80	1.68	1.57	1.56	1.67	1.92	2.27	1.97	2.29	2.51	2.73	2.95	3.09	4.03	4.45	5.03	4.86	4.60	4.11	3.63	3.14	2.34
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.38	1.43	0.99	1.81	2.29	1.45	-11.10	-22.30	-27.68	-26.23	3.39	4.26	0.67	2.37	1.71
ADK_NYS___DAM	29.21	25.44	23.23	22.42	22.10	22.08	22.27	23.74	26.01	27.88	30.44	32.50	35.52	37.06	38.55	50.79	64.56	69.96	69.48	45.32	40.87	39.62	33.65	30.69
23527	1.68	1.39	1.29	1.33	1.23	1.25	1.38	1.43	1.57	1.57	1.72	1.74	1.81	1.91	1.91	2.35	2.57	2.92	2.89	2.46	2.22	2.09	1.87	1.57
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.37	1.39	0.97	1.79	2.24	1.50	-6.51	-15.14	-19.17	-18.43	3.63	4.16	1.13	2.31	1.67
AIR_PRODUCTS___DRP	28.27	24.64	22.53	21.73	21.37	21.37	21.49	22.98	25.20	27.08	29.61	31.65	34.71	36.19	37.78	49.99	62.03	66.88	65.97	44.03	39.89	38.34	32.79	29.94
24190	0.74	0.60	0.59	0.63	0.50	0.54	0.61	0.67	0.76	0.77	0.87	0.89	0.96	1.01	1.03	1.38	1.50	1.91	1.73	1.35	1.20	1.12	0.99	0.80
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.37	1.38	0.96	1.75	2.22	1.39	-6.67	-13.69	-17.10	-16.08	3.81	4.12	1.44	2.29	1.65
AKWESSNE_115KV_BK	27.01	23.59	21.50	20.59	20.56	20.62	20.60	21.96	24.08	26.17	29.17	30.97	34.46	36.15	37.21	40.16	44.08	44.04	44.42	43.52	40.47	36.65	32.56	29.56
355683	-0.52	-0.46	-0.44	-0.46	-0.31	-0.21	-0.29	-0.36	-0.37	-0.37	-0.45	-0.41	-0.43	-0.45	-0.46	-0.80	-0.80	-1.29	-1.06	-0.70	-0.51	-0.50	-0.51	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.49	0.34	0.62	0.79	0.47	0.98	1.97	2.53	2.68	2.27	1.83	1.51	1.01	0.73
ALBANY___1	28.27	24.64	22.53	21.73	21.37	21.37	21.49	22.98	25.20	27.08	29.61	31.65	34.71	36.19	37.78	49.99	62.03	66.88	65.97	44.03	39.89	38.34	32.79	29.94
23571	0.74	0.60	0.59	0.63	0.50	0.54	0.61	0.67	0.76	0.77	0.87	0.89	0.96	1.01	1.03	1.38	1.50	1.91	1.73	1.35	1.20	1.12	0.99	0.80
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.37	1.38	0.96	1.75	2.22	1.39	-6.67	-13.69	-17.10	-16.08	3.81	4.12	1.44	2.29	1.65
ALBANY___2	28.27	24.64	22.53	21.73	21.37	21.37	21.49	22.98	25.20	27.08	29.61	31.65	34.71	36.19	37.78	49.99	62.03	66.88	65.97	44.03	39.89	38.34	32.79	29.94
23572	0.74	0.60	0.59	0.63	0.50	0.54	0.61	0.67	0.76	0.77	0.87	0.89	0.96	1.01	1.03	1.38	1.50	1.91	1.73	1.35	1.20	1.12	0.99	0.80
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.37	1.38	0.96	1.75	2.22	1.39	-6.67	-13.69	-17.10	-16.08	3.81	4.12	1.44	2.29	1.65
ALBANY___3	28.27	24.64	22.53	21.73	21.37	21.37	21.49	22.98	25.20	27.08	29.61	31.65	34.71	36.19	37.78	49.99	62.03	66.88	65.97	44.03	39.89	38.34	32.79	29.94
23573	0.74	0.60	0.59	0.63	0.50	0.54	0.61	0.67	0.76	0.77	0.87	0.89	0.96	1.01	1.03	1.38	1.50	1.91	1.73	1.35	1.20	1.12	0.99	0.80
	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.01	0.37	1.38	0.96	1.75	2.22	1.39	-6.67	-13.69	-17.10	-16.08	3.81	4.12	1.44	2.29	1.65

ALBANY___4 23574	28.27 0.74 0.00	24.64 0.60 0.00	22.53 0.59 0.00	21.73 0.63 -0.05	21.37 0.50 0.00	21.37 0.54 0.00	21.49 0.61 0.00	22.98 0.67 0.00	25.20 0.76 0.01	27.08 0.77 0.37	29.61 0.87 1.38	31.65 0.89 0.96	34.71 0.96 1.75	36.19 1.01 2.22	37.78 1.03 1.39	49.99 1.38 -6.67	62.03 1.50 -13.69	66.88 1.91 -17.10	65.97 1.73 -16.08	44.03 1.35 3.81	39.89 1.20 4.12	38.34 1.12 1.44	32.79 0.99 2.29	29.94 0.80 1.65
ALBANY___LFGE 323615	28.58 1.05 0.00	24.91 0.86 0.00	22.72 0.79 0.00	21.94 0.84 -0.05	21.62 0.75 0.00	21.60 0.77 0.00	21.73 0.84 0.00	23.23 0.92 0.00	25.47 1.03 0.01	27.40 1.09 0.37	29.96 1.24 1.39	32.05 1.30 0.97	35.12 1.38 1.77	36.69 1.53 2.24	38.30 1.56 1.41	51.91 2.01 -7.96	65.27 2.20 -16.22	70.58 2.49 -20.23	69.74 2.50 -19.08	44.80 2.00 3.68	40.45 1.80 4.16	39.11 1.66 1.21	33.24 1.46 2.31	30.32 1.20 1.67
ALCOA_PA_115KV_PL-6C 55860	27.12 -0.41 0.00	23.68 -0.36 0.00	21.56 -0.37 0.00	20.63 -0.42 0.00	20.60 -0.27 0.00	20.68 -0.15 0.00	20.64 -0.25 0.00	22.00 -0.31 0.00	24.10 -0.34 0.00	26.24 -0.29 0.14	29.23 -0.36 0.52	31.04 -0.32 0.36	34.52 -0.32 0.66	36.22 -0.34 0.84	37.30 -0.34 0.50	40.12 -0.75 1.06	44.06 -0.66 2.13	43.97 -1.20 2.70	44.39 -0.91 2.85	43.55 -0.56 2.38	40.55 -0.34 1.91	36.73 -0.35 1.59	32.65 -0.37 1.06	29.65 -0.37 0.77
ALCOA_RYNLDS___DRP 24188	27.12 -0.41 0.00	23.68 -0.36 0.00	21.56 -0.37 0.00	20.63 -0.42 0.00	20.60 -0.27 0.00	20.68 -0.15 0.00	20.64 -0.25 0.00	22.00 -0.31 0.00	24.10 -0.34 0.00	26.24 -0.29 0.14	29.23 -0.36 0.52	31.04 -0.32 0.36	34.52 -0.32 0.66	36.22 -0.34 0.84	37.30 -0.34 0.50	40.12 -0.75 1.06	44.06 -0.66 2.13	43.97 -1.20 2.70	44.39 -0.91 2.85	43.55 -0.56 2.38	40.55 -0.34 1.91	36.73 -0.35 1.59	32.65 -0.37 1.06	29.65 -0.37 0.77
ALCOA___DSASP 323711	27.12 -0.41 0.00	23.68 -0.36 0.00	21.56 -0.37 0.00	20.63 -0.42 0.00	20.52 -0.35 0.00	20.62 -0.21 0.00	20.64 -0.25 0.00	22.00 -0.31 0.00	24.13 -0.32 0.00	26.24 -0.29 0.14	29.24 -0.36 0.52	31.04 -0.32 0.36	34.56 -0.29 0.66	36.22 -0.34 0.84	37.30 -0.34 0.50	40.20 -0.67 1.06	44.06 -0.66 2.13	44.11 -1.05 2.70	44.34 -0.96 2.85	43.60 -0.51 2.38	40.55 -0.34 1.91	36.76 -0.31 1.59	32.65 -0.37 1.06	29.66 -0.37 0.77
ALLEGHENY___COGEN 23514	28.80 1.27 0.00	25.17 1.13 0.00	23.05 1.12 0.00	21.75 0.69 -0.01	21.62 0.75 0.00	21.54 0.71 0.00	21.50 0.61 0.00	23.11 0.80 0.00	25.07 0.63 0.01	26.38 0.19 0.48	27.99 -0.30 1.83	30.13 -0.32 1.27	32.60 -0.60 2.29	33.75 -0.71 2.94	35.71 -0.69 1.75	38.82 -0.88 2.23	41.57 -0.61 4.67	43.23 0.72 5.35	44.26 1.98 5.88	42.35 2.46 6.60	40.23 2.82 5.40	36.60 2.24 4.30	33.20 2.11 3.00	30.66 2.03 2.17
ALTAMONT_115KV_TB 2 55880	28.63 1.10 0.00	24.98 0.94 0.00	22.81 0.88 0.00	21.98 0.88 -0.05	21.62 0.75 0.00	21.62 0.79 0.00	21.75 0.86 0.00	23.27 0.96 0.00	25.52 1.08 0.01	27.40 1.09 0.36	29.98 1.23 1.37	32.04 1.27 0.95	35.12 1.35 1.73	36.61 1.42 2.20	38.23 1.45 1.36	49.86 1.80 -6.12	61.12 2.01 -12.26	65.55 2.39 -15.30	64.69 2.26 -14.27	44.45 1.86 3.90	40.34 1.63 4.09	38.60 1.55 1.61	33.17 1.36 2.27	30.32 1.17 1.64
ALTONA_WT_PWR 323606	27.83 0.30 0.00	24.31 0.26 0.00	22.11 0.17 0.00	21.11 0.06 0.00	21.08 0.21 0.00	21.12 0.29 0.00	21.14 0.25 0.00	22.58 0.27 0.00	24.84 0.39 0.00	27.10 0.56 0.13	30.19 0.57 0.50	32.07 0.70 0.35	35.76 0.89 0.62	37.49 0.90 0.80	38.55 0.88 0.48	41.45 0.51 0.99	45.51 0.66 1.99	45.79 0.48 2.56	45.98 0.53 2.70	44.90 0.70 2.28	41.83 0.86 1.84	37.75 0.62 1.52	33.44 0.38 1.02	30.30 0.25 0.74
AMERICAN_REF_FUEL 24010	26.81 -0.72 0.00	23.61 -0.43 0.00	21.61 -0.33 0.00	20.28 -0.78 -0.01	20.10 -0.77 0.00	20.18 -0.65 0.00	20.26 -0.63 0.00	21.64 -0.67 0.00	23.73 -0.71 0.01	25.53 -0.64 0.50	27.40 -0.81 1.90	29.54 -0.86 1.32	31.84 -1.28 2.39	33.07 -1.27 3.06	35.07 -1.26 1.82	37.88 -1.64 2.42	39.80 -2.01 5.04	40.71 -1.53 5.62	40.68 -1.30 6.18	37.80 -1.72 6.96	35.52 -1.58 5.70	32.31 -1.82 4.54	29.69 -1.23 3.17	27.85 -0.65 2.29
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.05 0.52 0.00	24.57 0.53 0.00	22.59 0.66 0.00	21.16 0.11 -0.01	20.89 0.02 0.00	20.87 0.04 0.00	20.91 0.02 0.00	22.76 0.45 0.00	25.22 0.78 0.01	27.25 1.07 0.49	29.46 1.21 1.87	31.76 1.33 1.30	34.33 1.17 2.34	35.74 1.34 3.00	37.81 1.45 1.79	40.60 0.88 2.22	43.13 0.94 4.65	44.40 1.86 5.33	43.82 1.54 5.88	40.35 0.60 6.74	37.71 0.43 5.52	34.20 -0.08 4.39	31.08 0.07 3.07	28.88 0.31 2.21
ARTHUR_KILL_GT_1 23520	30.04 2.45 -0.06	26.16 2.12 0.00	23.71 1.78 0.00	22.83 1.75 -0.04	22.43 1.57 0.01	22.38 1.56 0.01	22.57 1.69 0.01	24.38 2.08 0.01	26.78 2.35 0.02	28.99 2.67 0.35	32.80 3.04 0.36	33.89 3.08 0.91	37.19 3.30 1.61	38.75 3.44 2.09	40.39 3.39 1.15	49.95 3.65 -4.37	57.56 3.94 -6.78	60.47 4.40 -8.20	59.38 4.19 -7.03	45.10 2.74 4.12	41.84 2.87 3.84	39.38 2.94 2.22	35.29 2.83 1.63	32.01 2.71 1.49
ARTHUR_KILL_2 23512	29.93 2.34 -0.06	26.06 2.02 0.00	23.65 1.71 0.00	22.77 1.68 -0.04	22.35 1.48 0.01	22.32 1.50 0.01	22.49 1.61 0.01	24.29 1.99 0.01	26.68 2.25 0.02	28.88 2.56 0.35	32.68 2.92 0.36	33.77 2.95 0.91	37.04 3.16 1.61	38.60 3.29 2.09	40.23 3.24 1.15	49.75 3.44 -4.37	57.33 3.70 -6.78	60.23 4.16 -8.20	59.14 3.95 -7.03	44.92 2.56 4.12	41.63 2.66 3.84	39.23 2.79 2.22	35.15 2.69 1.63	31.89 2.59 1.49
ARTHUR_KILL_3 23513	29.87 2.28 -0.05	26.02 1.97 0.00	23.65 1.71 0.00	22.81 1.73 -0.04	22.39 1.52 0.00	22.39 1.56 0.00	22.58 1.69 0.00	24.32 2.01 0.00	26.72 2.27 0.01	28.84 2.51 0.34	32.57 2.80 0.35	33.58 2.76 0.90	36.73 2.84 1.61	38.27 2.95 2.08	39.94 2.94 1.14	49.79 3.48 -4.38	57.43 3.79 -6.79	60.29 4.21 -8.21	59.19 3.99 -7.04	45.11 2.74 4.12	41.55 2.57 3.83	38.96 2.51 2.21	34.89 2.42 1.62	31.80 2.49 1.48
ARTHUR_KILL_COGEN 323718	30.04 2.45 -0.06	26.16 2.12 0.00	23.71 1.78 0.00	22.83 1.75 -0.04	22.43 1.57 0.01	22.38 1.56 0.01	22.57 1.69 0.01	24.38 2.08 0.01	26.78 2.35 0.02	28.99 2.67 0.35	32.80 3.04 0.36	33.89 3.08 0.91	37.19 3.30 1.61	38.75 3.44 2.09	40.39 3.39 1.15	49.95 3.65 -4.37	57.56 3.94 -6.78	60.47 4.40 -8.20	59.38 4.19 -7.03	45.10 2.74 4.12	41.84 2.87 3.84	39.38 2.94 2.22	35.29 2.83 1.63	32.01 2.71 1.49
ASHOKAN____ 23654	29.18 1.65 0.00	25.29 1.25 0.00	22.99 1.05 0.00	22.16 1.07 -0.04	21.62 0.75 0.00	21.60 0.77 0.00	21.60 0.71 0.00	23.05 0.74 0.00	24.93 0.49 0.01	26.82 0.51 0.35	29.33 0.54 1.33	31.46 0.67 0.93	34.96 1.14 1.67	36.49 1.23 2.14	38.11 1.26 1.29	48.52 1.59 -4.99	58.13 1.88 -9.41	62.22 2.68 -11.68	61.57 2.74 -10.67	44.73 2.23 3.98	40.86 2.01 3.96	38.34 1.55 1.87	33.62 1.74 2.20	30.59 1.39 1.59

ASTORIA_EAST_ENERGY_CC1 323581	30.07	26.24	23.83	22.99	22.59	22.59	22.78	24.52	26.91	29.08	31.82	33.91	37.05	38.69	40.30	49.85	57.45	60.40	59.29	45.06	41.51	39.08	34.59	32.09
	2.53	2.19	1.89	1.90	1.71	1.75	1.88	2.21	2.47	2.75	2.98	3.08	3.16	3.37	3.32	3.56	3.84	4.36	4.09	2.70	2.53	2.63	2.62	2.83
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.04	4.12	3.83	2.21	2.12	1.53
ASTORIA_EAST_ENERGY_CC2 323582	30.07	26.24	23.83	22.99	22.59	22.59	22.78	24.52	26.91	29.08	31.82	33.91	37.05	38.69	40.30	49.85	57.45	60.40	59.29	45.06	41.51	39.08	34.59	32.09
	2.53	2.19	1.89	1.90	1.71	1.75	1.88	2.21	2.47	2.75	2.98	3.08	3.16	3.37	3.32	3.56	3.84	4.36	4.09	2.70	2.53	2.63	2.62	2.83
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.04	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT2_1 24094	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT2_2 24095	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT2_3 24096	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT2_4 24097	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT3_1 24098	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT3_2 24099	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT3_3 24100	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT3_4 24101	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT4_1 24102	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT4_2 24103	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT4_3 24104	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT4_4 24105	30.10	26.31	23.96	23.03	22.59	22.59	22.82	24.57	26.96	29.11	31.79	33.88	37.09	38.73	40.41	50.14	57.82	60.83	59.62	45.11	41.68	39.24	34.62	32.13
	2.56	2.26	2.02	1.94	1.71	1.75	1.92	2.25	2.52	2.77	2.95	3.05	3.19	3.40	3.43	3.86	4.22	4.79	4.43	2.74	2.70	2.78	2.66	2.86
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.03	4.12	3.83	2.21	2.12	1.53
ASTORIA_GT_1 23523	30.13	26.31	23.90	23.05	22.65	22.63	22.82	24.56	26.98	29.16	31.87	34.00	37.16	38.80	40.41	49.98	57.59	60.55	59.43	45.20	41.64	39.20	34.69	32.19
	2.59	2.26	1.95	1.96	1.77	1.79	1.92	2.25	2.54	2.83	3.04	3.17	3.26	3.48	3.43	3.69	3.98	4.50	4.24	2.84	2.66	2.75	2.73	2.93
	-0.01	-0.01	-0.01	-0.04	-0.01	-0.01	-0.01	0.00	0.01	0.33	1.29	0.89	1.61	2.07	1.16	-4.35	-6.76	-8.18	-7.04	4.12	3.83	2.21	2.12	1.53

ASTORIA_GT_10 24110	30.04 2.51 -0.01	26.23 2.19 0.00	23.89 1.95 0.00	22.96 1.87 -0.04	22.50 1.63 0.00	22.49 1.67 0.00	22.73 1.84 0.00	24.50 2.19 0.00	26.89 2.44 0.01	29.06 2.72 0.33	31.88 3.04 1.29	33.91 3.08 0.89	37.12 3.23 1.61	38.65 3.33 2.07	40.29 3.32 1.17	50.02 3.73 -4.35	57.68 4.08 -6.76	60.63 4.59 -8.18	59.48 4.29 -7.03	45.29 2.93 4.12	41.81 2.83 3.83	39.31 2.86 2.21	34.69 2.73 2.12	31.97 2.71 1.53
ASTORIA_GT_11 24225	30.04 2.51 -0.01	26.23 2.19 0.00	23.89 1.95 0.00	22.96 1.87 -0.04	22.50 1.63 0.00	22.49 1.67 0.00	22.73 1.84 0.00	24.50 2.19 0.00	26.89 2.44 0.01	29.06 2.72 0.33	31.88 3.04 1.29	33.91 3.08 0.89	37.12 3.23 1.61	38.65 3.33 2.07	40.29 3.32 1.17	50.02 3.73 -4.35	57.68 4.08 -6.76	60.63 4.59 -8.18	59.48 4.29 -7.03	45.29 2.93 4.12	41.81 2.83 3.83	39.31 2.86 2.21	34.69 2.73 2.12	31.97 2.71 1.53
ASTORIA_GT_12 24226	29.99 2.45 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.84 2.40 0.01	29.03 2.69 0.33	31.85 3.01 1.29	33.88 3.05 0.89	37.09 3.20 1.61	38.65 3.33 2.07	40.21 3.24 1.17	49.76 3.48 -4.35	57.36 3.75 -6.76	60.26 4.21 -8.18	59.15 3.95 -7.04	45.11 2.74 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	31.97 2.71 1.53
ASTORIA_GT_13 24227	29.99 2.45 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.84 2.40 0.01	29.03 2.69 0.33	31.85 3.01 1.29	33.88 3.05 0.89	37.09 3.20 1.61	38.65 3.33 2.07	40.21 3.24 1.17	49.76 3.48 -4.35	57.36 3.75 -6.76	60.26 4.21 -8.18	59.15 3.95 -7.04	45.11 2.74 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	31.97 2.71 1.53
ASTORIA_GT_5 24106	30.13 2.59 -0.01	26.31 2.26 -0.01	23.90 1.95 -0.01	23.05 1.96 -0.04	22.65 1.77 -0.01	22.63 1.79 -0.01	22.82 1.92 -0.01	24.56 2.25 0.00	26.98 2.54 0.01	29.16 2.83 0.33	31.87 3.04 1.29	34.00 3.17 0.89	37.16 3.26 1.61	38.80 3.48 2.07	40.41 3.43 1.16	49.98 3.69 -4.35	57.59 3.98 -6.76	60.55 4.50 -8.18	59.43 4.24 -7.04	45.20 2.84 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	32.19 2.93 1.53
ASTORIA_GT_7 24107	30.13 2.59 -0.01	26.31 2.26 -0.01	23.90 1.95 -0.01	23.05 1.96 -0.04	22.65 1.77 -0.01	22.63 1.79 -0.01	22.82 1.92 -0.01	24.56 2.25 0.00	26.98 2.54 0.01	29.16 2.83 0.33	31.87 3.04 1.29	34.00 3.17 0.89	37.16 3.26 1.61	38.80 3.48 2.07	40.41 3.43 1.16	49.98 3.69 -4.35	57.59 3.98 -6.76	60.55 4.50 -8.18	59.43 4.24 -7.04	45.20 2.84 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	32.19 2.93 1.53
ASTORIA_GT_8 24108	30.15 2.62 -0.01	26.36 2.31 -0.01	24.01 2.06 -0.01	23.07 1.98 -0.04	22.63 1.75 -0.01	22.63 1.79 -0.01	22.86 1.96 -0.01	24.61 2.30 0.00	27.01 2.57 0.01	29.16 2.83 0.33	31.85 3.01 1.29	33.94 3.11 0.89	37.20 3.30 1.61	38.84 3.52 2.07	40.49 3.51 1.16	50.23 3.94 -4.35	57.96 4.36 -6.76	60.92 4.88 -8.18	59.72 4.53 -7.03	45.20 2.84 4.12	41.76 2.78 3.83	39.31 2.86 2.21	34.73 2.76 2.12	32.19 2.93 1.53
ASTORIA___2 24149	30.07 2.53 -0.01	26.26 2.21 -0.01	23.85 1.91 -0.01	23.01 1.92 -0.04	22.61 1.73 -0.01	22.59 1.75 -0.01	22.78 1.88 -0.01	24.52 2.21 0.00	26.94 2.49 0.01	29.11 2.77 0.33	31.82 2.98 1.29	33.91 3.08 0.89	37.05 3.16 1.61	38.73 3.40 2.07	40.34 3.36 1.16	49.89 3.61 -4.35	57.49 3.89 -6.76	60.40 4.36 -8.18	59.29 4.09 -7.04	45.11 2.74 4.12	41.51 2.53 3.83	39.12 2.67 2.21	34.63 2.66 2.12	32.13 2.86 1.53
ASTORIA___3 23516	29.99 2.45 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.84 2.40 0.01	29.03 2.69 0.33	31.85 3.01 1.29	33.88 3.05 0.89	37.09 3.20 1.61	38.65 3.33 2.07	40.21 3.24 1.17	49.76 3.48 -4.35	57.36 3.75 -6.76	60.26 4.21 -8.18	59.15 3.95 -7.04	45.11 2.74 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	31.97 2.71 1.53
ASTORIA___4 23517	30.04 2.51 -0.01	26.23 2.19 0.00	23.89 1.95 0.00	22.96 1.87 -0.04	22.50 1.63 0.00	22.49 1.67 0.00	22.73 1.84 0.00	24.50 2.19 0.00	26.89 2.44 0.01	29.06 2.72 0.33	31.88 3.04 1.29	33.91 3.08 0.89	37.12 3.23 1.61	38.65 3.33 2.07	40.29 3.32 1.17	50.02 3.73 -4.35	57.68 4.08 -6.76	60.63 4.59 -8.18	59.48 4.29 -7.03	45.29 2.93 4.12	41.81 2.83 3.83	39.31 2.86 2.21	34.69 2.73 2.12	31.97 2.71 1.53
ASTORIA___5 23518	29.99 2.45 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.84 2.40 0.01	29.03 2.69 0.33	31.85 3.01 1.29	33.88 3.05 0.89	37.09 3.20 1.61	38.65 3.33 2.07	40.21 3.24 1.17	49.76 3.48 -4.35	57.36 3.75 -6.76	60.26 4.21 -8.18	59.15 3.95 -7.04	45.11 2.74 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	31.97 2.71 1.53
AST_ENERGY_2_CC3 323677	29.84 2.31 0.00	26.06 2.02 0.00	23.69 1.76 0.00	22.85 1.77 -0.04	22.46 1.59 0.00	22.43 1.60 0.00	22.62 1.73 0.00	24.34 2.03 0.00	26.72 2.27 0.01	28.86 2.54 0.34	31.66 2.83 1.29	33.65 2.82 0.90	36.84 2.94 1.61	38.38 3.07 2.08	40.02 3.05 1.17	49.89 3.61 -4.35	57.54 3.94 -6.76	60.40 4.36 -8.18	59.34 4.14 -7.04	45.25 2.88 4.12	41.68 2.70 3.83	39.12 2.67 2.21	34.48 2.52 2.13	31.78 2.53 1.53
AST_ENERGY_2_CC4 323678	29.84 2.31 0.00	26.06 2.02 0.00	23.69 1.76 0.00	22.85 1.77 -0.04	22.46 1.59 0.00	22.43 1.60 0.00	22.62 1.73 0.00	24.34 2.03 0.00	26.72 2.27 0.01	28.86 2.54 0.34	31.66 2.83 1.29	33.65 2.82 0.90	36.84 2.94 1.61	38.38 3.07 2.08	40.02 3.05 1.17	49.89 3.61 -4.35	57.54 3.94 -6.76	60.40 4.36 -8.18	59.34 4.14 -7.04	45.25 2.88 4.12	41.68 2.70 3.83	39.12 2.67 2.21	34.48 2.52 2.13	31.78 2.53 1.53
ATHENS_STG_1 23668	28.77 1.24 0.00	25.10 1.06 0.00	22.90 0.96 0.00	22.12 1.03 -0.04	21.79 0.92 0.00	21.77 0.94 0.00	21.87 0.98 0.00	23.45 1.14 0.00	25.69 1.25 0.01	27.60 1.28 0.35	30.19 1.42 1.34	32.22 1.43 0.93	35.31 1.49 1.68	36.81 1.57 2.15	38.44 1.56 1.26	47.46 1.89 -3.64	55.16 2.06 -6.26	57.93 2.34 -7.72	57.18 2.26 -6.76	43.90 1.67 4.26	40.33 1.50 3.98	37.83 1.43 2.27	33.17 1.29 2.21	30.39 1.20 1.60
ATHENS_STG_2 23670	28.77 1.24 0.00	25.10 1.06 0.00	22.90 0.96 0.00	22.12 1.03 -0.04	21.79 0.92 0.00	21.77 0.94 0.00	21.87 0.98 0.00	23.45 1.14 0.00	25.69 1.25 0.01	27.60 1.28 0.35	30.19 1.42 1.34	32.22 1.43 0.93	35.31 1.49 1.68	36.81 1.57 2.15	38.44 1.56 1.26	47.46 1.89 -3.64	55.16 2.06 -6.26	57.93 2.34 -7.72	57.18 2.26 -6.76	43.90 1.67 4.26	40.33 1.50 3.98	37.83 1.43 2.27	33.17 1.29 2.21	30.39 1.20 1.60

ATHENS_STG_3 23677	28.77 1.24 0.00	25.10 1.06 0.00	22.90 0.96 0.00	22.12 1.03 -0.04	21.79 0.92 0.00	21.77 0.94 0.00	21.87 0.98 0.00	23.45 1.14 0.00	25.69 1.25 0.01	27.60 1.28 0.35	30.19 1.42 1.34	32.22 1.43 0.93	35.31 1.49 1.68	36.81 1.57 2.15	38.44 1.56 1.26	47.46 1.89 -3.64	55.16 2.06 -6.26	57.93 2.34 -7.72	57.18 2.26 -6.76	43.90 1.67 4.26	40.33 1.50 3.98	37.83 1.43 2.27	33.17 1.29 2.21	30.39 1.20 1.60
AUBURN___LFGE 323710	28.38 0.30 -0.55	24.24 0.19 0.00	22.07 0.13 0.00	21.12 0.06 0.00	21.06 0.19 0.00	20.89 0.06 0.00	20.99 0.10 0.00	22.54 0.22 0.00	24.71 0.27 0.01	26.74 0.35 0.28	29.54 0.48 1.06	31.65 0.67 0.74	34.98 0.82 1.33	36.58 0.90 1.71	38.08 0.95 1.02	40.25 1.01 2.69	42.61 1.12 5.36	43.90 1.91 5.88	43.76 1.69 6.08	43.65 1.26 4.09	40.69 1.11 3.23	36.76 0.89 2.79	33.07 0.78 1.79	30.20 0.71 1.30
BABYLON_RES_REC 323704	33.71 3.14 -3.04	33.18 2.74 -6.40	30.91 2.43 -6.54	29.05 2.38 -5.62	26.96 2.21 -3.87	27.00 2.23 -3.94	28.38 2.34 -5.16	28.83 2.68 -3.84	33.19 2.98 -5.76	34.07 3.23 -4.17	32.40 3.34 1.06	36.94 3.08 -2.14	40.32 3.30 -1.52	43.02 3.44 -2.18	44.62 3.24 -3.24	49.98 3.69 -4.35	59.57 3.79 -8.94	64.53 4.31 -12.36	63.07 3.90 -11.02	48.35 3.07 1.20	42.15 3.17 3.83	39.47 3.02 2.21	35.20 2.90 1.78	33.37 3.17 0.59
BABYLON__69_KV_BK2 356345	34.18 3.61 -3.04	33.62 3.17 -6.40	31.32 2.85 -6.54	29.38 2.72 -5.62	27.21 2.46 -3.87	27.31 2.54 -3.94	28.74 2.69 -5.16	29.21 3.06 -3.84	33.60 3.40 -5.76	34.58 3.73 -4.17	33.09 3.89 0.92	39.67 3.97 -3.98	46.90 4.37 -7.03	44.10 4.52 -2.19	45.86 4.42 -3.29	51.03 4.74 -4.36	65.50 5.01 -13.64	74.91 5.65 -21.40	72.84 5.06 -19.62	55.87 4.28 -5.11	43.35 4.37 3.83	40.44 3.98 2.21	36.36 3.31 1.03	35.63 3.69 -1.15
BARON_WINDS___WT_PWR 323822	27.98 0.33 -0.12	24.43 0.38 0.00	22.37 0.44 0.00	21.14 0.08 -0.01	20.93 0.06 0.00	20.98 0.15 0.00	20.99 0.10 0.00	22.91 0.60 0.00	25.17 0.73 0.01	27.11 0.91 0.47	29.32 0.96 1.76	31.51 1.01 1.23	34.21 0.92 2.21	35.57 1.01 2.83	37.56 1.11 1.69	40.82 0.63 1.74	43.83 0.70 3.72	44.57 1.34 4.63	44.13 1.11 5.14	40.93 0.56 6.11	38.17 0.38 5.02	34.85 0.16 3.97	31.60 0.31 2.79	29.21 0.43 2.01
BARRETT_IC_1 23704	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_10 23701	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_11 23702	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_12 23703	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_2 23705	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_3 23706	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_4 23707	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_5 23708	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_6 23709	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_7 23710	33.13 2.56 -3.04	32.68 2.24 -6.40	30.58 2.11 -6.54	28.75 2.08 -5.62	26.60 1.86 -3.87	26.66 1.90 -3.94	28.09 2.05 -5.16	28.52 2.37 -3.84	32.77 2.57 -5.76	33.65 2.80 -4.17	31.97 2.98 1.13	35.60 2.98 -0.90	37.12 3.23 1.61	42.91 3.33 -2.18	44.68 3.32 -3.22	49.85 3.56 -4.35	57.36 3.75 -6.76	60.35 4.31 -8.18	58.71 3.52 -7.04	45.30 2.93 4.12	41.85 2.87 3.83	39.12 2.67 2.21	34.17 2.22 2.13	31.81 2.56 1.54

BARRETT_IC_8 23711	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT_IC_9 23700	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT___1 23545	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BARRETT___2 23546	33.13 2.56 -3.04	32.68 2.24 -6.40	30.51 2.04 -6.54	28.74 2.06 -5.63	26.65 1.90 -3.88	26.69 1.92 -3.95	28.10 2.05 -5.16	28.53 2.36 -3.85	32.75 2.54 -5.76	33.62 2.77 -4.17	31.95 2.95 1.13	35.58 2.95 -0.90	37.10 3.20 1.60	42.88 3.29 -2.19	44.65 3.28 -3.22	49.99 3.69 -4.36	57.46 3.84 -6.77	60.37 4.31 -8.19	58.86 3.66 -7.04	45.30 2.93 4.12	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.84 2.59 1.54
BATAVIA___115KV_TB1 55881	27.78 0.25 0.00	24.33 0.29 0.00	22.26 0.33 0.00	21.07 0.02 0.00	20.79 -0.08 0.00	20.70 -0.12 0.00	20.95 0.06 0.00	22.54 0.22 0.00	24.66 0.22 0.01	26.38 0.21 0.51	28.39 0.18 1.91	30.81 0.41 1.33	33.42 0.32 2.40	34.70 0.37 3.07	36.66 0.34 1.83	39.73 0.34 2.54	41.80 0.23 5.28	43.26 1.20 5.80	42.81 1.01 6.36	39.62 0.19 7.05	37.51 0.47 5.77	34.25 0.19 4.60	31.29 0.41 3.21	29.28 0.80 2.31
BAYONEEC___CTG1 323682	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG10 323750	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG2 323683	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG3 323684	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG4 323685	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG5 323686	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG6 323687	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG7 323688	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG8 323689	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53
BAYONEEC___CTG9 323749	29.87 2.34 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.38 4.19 -7.04	45.30 2.93 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.51 2.56 2.13	31.84 2.59 1.53

BEACON___LESR 323632	28.74 1.21 0.00	25.05 1.01 0.00	22.88 0.94 0.00	22.06 0.97 -0.05	21.75 0.88 0.00	21.74 0.92 0.00	21.85 0.96 0.00	23.38 1.07 0.00	25.66 1.22 0.01	27.61 1.31 0.37	30.24 1.51 1.38	32.35 1.59 0.96	35.45 1.70 1.75	37.04 1.87 2.22	38.65 1.91 1.40	51.05 2.43 -6.68	63.14 2.53 -13.77	68.05 2.97 -17.22	67.35 2.99 -16.21	45.20 2.51 3.80	40.92 2.22 4.12	39.28 2.05 1.43	33.60 1.81 2.29	30.59 1.45 1.65
BEAVER RIVER___HYD 24048	27.77 -0.05 -0.30	23.95 -0.10 0.00	21.78 -0.15 0.00	20.88 -0.17 0.00	20.70 -0.17 0.00	20.73 -0.10 0.00	20.72 -0.17 0.00	22.16 -0.16 0.00	24.22 -0.22 0.01	26.23 -0.13 0.31	28.73 -0.21 1.18	30.74 -0.16 0.82	33.98 -0.04 1.48	35.53 0.04 1.90	37.17 0.15 1.13	38.93 -0.17 2.83	41.28 0.09 5.66	41.88 0.24 6.22	42.31 0.62 6.48	42.92 1.11 4.68	40.07 0.99 3.72	36.34 0.85 3.17	32.63 0.61 2.07	29.73 0.43 1.49
BEEBEE_GT_13 23619	27.53 0.00 0.00	24.07 0.02 0.00	21.94 0.00 0.00	20.93 -0.13 0.00	20.62 -0.25 0.00	20.54 -0.29 0.00	20.76 -0.13 0.00	22.29 -0.02 0.00	24.39 -0.05 0.01	26.16 0.00 0.51	28.22 0.03 1.93	30.60 0.22 1.35	33.32 0.25 2.43	34.55 0.26 3.11	36.56 0.27 1.85	39.59 0.42 2.76	41.48 0.33 5.69	42.66 0.91 6.11	42.39 0.91 6.68	39.52 0.28 7.25	37.31 0.43 5.93	34.19 0.27 4.74	31.17 0.37 3.29	29.00 0.58 2.38
BENSHRST_27_KV_BENSHRST_1 355998	30.42 2.78 -0.11	26.45 2.40 0.00	24.04 2.11 0.00	23.08 2.00 -0.04	22.63 1.75 0.00	22.62 1.79 0.00	22.83 1.94 0.00	24.66 2.34 0.00	27.11 2.66 0.01	29.32 2.99 0.33	34.11 3.43 -0.55	34.29 3.46 0.89	37.68 3.73 1.55	39.14 3.81 2.07	40.84 3.81 1.12	50.66 4.32 -4.41	58.39 4.73 -6.82	61.36 5.26 -8.23	60.15 4.96 -7.03	45.76 3.39 4.12	42.36 3.38 3.83	39.91 3.40 2.15	36.13 3.17 1.12	32.38 3.02 1.42
BETHLEHEM___GRP 23843	28.27 0.74 0.00	24.64 0.60 0.00	22.53 0.59 0.00	21.73 0.63 -0.05	21.37 0.50 0.00	21.37 0.54 0.00	21.49 0.61 0.00	22.98 0.67 0.00	25.20 0.76 0.01	27.08 0.77 0.37	29.61 0.87 1.38	31.65 0.89 0.96	34.71 0.96 1.75	36.19 1.01 2.22	37.78 1.03 1.39	49.99 1.38 -6.67	62.03 1.50 -13.69	66.88 1.91 -17.10	65.97 1.73 -16.08	44.03 1.35 3.81	39.89 1.20 4.12	38.34 1.12 1.44	32.79 0.99 2.29	29.94 0.80 1.65
BETHLEHEM___GS1 323560	28.27 0.74 0.00	24.65 0.60 0.00	22.48 0.55 0.00	21.73 0.63 -0.05	21.41 0.54 0.00	21.39 0.56 0.00	21.50 0.61 0.00	22.98 0.67 0.00	25.17 0.73 0.01	27.05 0.75 0.37	29.61 0.87 1.38	31.65 0.89 0.96	34.67 0.92 1.75	36.19 1.01 2.22	37.78 1.03 1.39	49.99 1.38 -6.67	62.03 1.50 -13.69	66.79 1.82 -17.11	66.02 1.78 -16.08	43.98 1.30 3.81	39.85 1.16 4.12	38.34 1.12 1.44	32.79 0.99 2.29	29.94 0.80 1.65
BETHLEHEM___GS2 323561	28.27 0.74 0.00	24.65 0.60 0.00	22.48 0.55 0.00	21.73 0.63 -0.05	21.41 0.54 0.00	21.39 0.56 0.00	21.50 0.61 0.00	22.98 0.67 0.00	25.17 0.73 0.01	27.05 0.75 0.37	29.61 0.87 1.38	31.65 0.89 0.96	34.67 0.92 1.75	36.19 1.01 2.22	37.78 1.03 1.39	49.99 1.38 -6.67	62.03 1.50 -13.69	66.79 1.82 -17.11	66.02 1.78 -16.08	43.98 1.30 3.81	39.85 1.16 4.12	38.34 1.12 1.44	32.79 0.99 2.29	29.94 0.80 1.65
BETHLEHEM___GS3 323562	28.27 0.74 0.00	24.65 0.60 0.00	22.48 0.55 0.00	21.73 0.63 -0.05	21.41 0.54 0.00	21.39 0.56 0.00	21.50 0.61 0.00	22.98 0.67 0.00	25.17 0.73 0.01	27.05 0.75 0.37	29.61 0.87 1.38	31.65 0.89 0.96	34.67 0.92 1.75	36.19 1.01 2.22	37.78 1.03 1.39	49.99 1.38 -6.67	62.03 1.50 -13.69	66.79 1.82 -17.11	66.02 1.78 -16.08	43.98 1.30 3.81	39.85 1.16 4.12	38.34 1.12 1.44	32.79 0.99 2.29	29.94 0.80 1.65
BETHLEHEM___STEEL 23779	27.45 -0.08 0.00	24.09 0.05 0.00	22.00 0.07 0.00	20.86 -0.19 -0.01	20.50 -0.38 0.00	20.47 -0.35 0.00	20.74 -0.15 0.00	22.47 0.16 0.00	24.63 0.20 0.01	26.39 0.21 0.50	28.42 0.18 1.88	30.80 0.38 1.31	33.25 0.11 2.36	34.56 0.19 3.02	36.54 0.19 1.80	39.39 -0.25 2.30	41.58 -0.47 4.80	43.24 0.81 5.44	42.12 -0.05 5.99	38.78 -0.88 6.82	36.49 -0.73 5.59	33.41 -0.81 4.44	30.50 -0.48 3.11	28.55 0.00 2.24
BETHLHEM_115KV_TB1 79974	28.36 0.83 0.00	24.72 0.67 0.00	22.59 0.66 0.00	21.77 0.67 -0.05	21.44 0.56 0.00	21.41 0.58 0.00	21.54 0.65 0.00	23.03 0.71 0.00	25.25 0.81 0.01	27.13 0.83 0.36	29.70 0.96 1.38	31.72 0.95 0.96	34.78 1.03 1.75	36.26 1.08 2.21	37.86 1.11 1.39	49.91 1.47 -6.50	61.74 1.59 -13.30	66.50 2.01 -16.62	65.60 1.83 -15.61	44.10 1.44 3.83	39.98 1.28 4.11	38.38 1.20 1.48	32.86 1.06 2.28	30.00 0.86 1.65
BETHPAGE_CC_5 323564	33.57 3.00 -3.04	33.06 2.62 -6.40	30.80 2.32 -6.54	28.96 2.29 -5.62	26.85 2.11 -3.87	26.91 2.15 -3.94	28.30 2.26 -5.16	28.74 2.59 -3.84	33.09 2.88 -5.76	34.02 3.17 -4.17	32.28 3.25 1.10	36.58 3.30 -1.56	39.04 3.48 -0.06	43.20 3.63 -2.18	44.95 3.58 -3.22	50.27 3.99 -4.35	58.37 4.17 -7.36	61.83 4.64 -9.33	60.47 4.19 -8.13	46.56 3.39 3.32	42.23 3.25 3.83	39.51 3.05 2.21	34.81 2.76 2.03	32.75 3.05 1.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.50 -0.03 0.00	24.14 0.10 0.00	22.05 0.11 0.00	20.91 -0.15 -0.01	20.54 -0.33 0.00	20.52 -0.31 0.00	20.78 -0.10 0.00	22.51 0.20 0.00	24.71 0.27 0.01	26.49 0.32 0.50	28.54 0.30 1.88	30.93 0.51 1.31	33.39 0.25 2.35	34.72 0.34 3.02	36.69 0.34 1.79	39.45 -0.21 2.27	41.72 -0.37 4.75	43.46 1.01 5.41	42.20 0.00 5.95	38.81 -0.88 6.80	36.51 -0.73 5.57	33.42 -0.81 4.43	30.48 -0.51 3.09	28.53 -0.03 2.23
BINGHAMTON___COGEN 23790	28.17 0.41 -0.23	24.45 0.41 0.00	22.29 0.35 0.00	21.31 0.25 -0.01	21.00 0.13 0.00	21.02 0.19 0.00	21.16 0.27 0.00	23.23 0.91 0.00	25.47 1.03 0.01	27.38 1.15 0.44	29.76 1.30 1.65	32.00 1.43 1.15	34.92 1.49 2.07	36.35 1.61 2.65	38.21 1.64 1.58	42.82 1.59 0.71	46.85 1.73 1.73	46.57 1.72 3.01	46.01 1.35 3.49	42.13 0.88 5.24	39.19 0.73 4.35	35.96 0.66 3.36	32.28 0.61 2.42	29.66 0.62 1.74
BIXINCNT_115KV_LOAD 355685	27.56 0.03 0.00	24.21 0.17 0.00	22.02 0.09 0.00	20.84 -0.21 -0.01	20.48 -0.40 0.00	20.54 -0.29 0.00	20.81 -0.08 0.00	22.71 0.40 0.00	24.98 0.54 0.01	26.82 0.64 0.49	28.89 0.63 1.86	31.26 0.82 1.29	33.70 0.53 2.33	34.97 0.56 2.98	36.94 0.57 1.78	39.52 -0.25 2.17	41.83 -0.47 4.55	43.95 1.34 5.25	42.17 -0.19 5.79	38.75 -1.07 6.67	36.48 -0.86 5.47	33.32 -1.01 4.34	30.30 -0.75 3.04	28.23 -0.37 2.19
BLACK RIVER___HYD 24047	28.11 0.08 -0.50	24.04 0.00 0.00	21.85 -0.09 0.00	20.95 -0.10 0.00	20.79 -0.08 0.00	20.77 -0.06 0.00	20.74 -0.15 0.00	22.13 -0.18 0.00	24.20 -0.24 0.01	26.31 -0.11 0.25	28.96 -0.21 0.95	30.87 -0.19 0.66	34.23 -0.07 1.20	35.90 0.04 1.53	37.46 0.23 0.91	38.81 -0.21 2.92	41.18 0.09 5.76	42.04 0.48 6.30	42.67 0.96 6.45	44.25 1.63 3.86	41.29 1.50 3.02	37.31 1.32 2.67	33.40 0.99 1.68	30.32 0.74 1.21

BLACKRVR_115KV_TB2 79977	28.11 0.08 -0.50	24.04 0.00 0.00	21.83 -0.11 0.00	20.95 -0.11 0.00	20.77 -0.10 0.00	20.72 -0.10 0.00	20.74 -0.15 0.00	22.13 -0.18 0.00	24.20 -0.24 0.01	26.29 -0.13 0.25	28.95 -0.21 0.95	30.87 -0.19 0.66	34.23 -0.07 1.20	35.86 0.00 1.53	37.46 0.23 0.91	38.81 -0.21 2.92	41.18 0.09 5.76	42.09 0.53 6.30	42.67 0.96 6.45	44.21 1.58 3.86	41.25 1.46 3.02	37.31 1.31 2.67	33.36 0.95 1.68	30.32 0.74 1.21
BLISS_WT_PWR 323608	27.59 0.06 0.00	24.24 0.19 0.00	22.20 0.26 0.00	20.80 -0.25 -0.01	20.66 -0.21 0.00	20.75 -0.08 0.00	20.76 -0.12 0.00	22.67 0.36 0.00	25.00 0.56 0.01	26.95 0.77 0.49	29.04 0.78 1.86	31.23 0.79 1.29	33.67 0.50 2.33	35.01 0.60 2.98	37.02 0.65 1.78	39.43 -0.34 2.17	41.79 -0.51 4.55	43.62 1.01 5.25	42.41 0.05 5.79	39.12 -0.70 6.67	36.70 -0.64 5.47	33.32 -1.01 4.34	30.33 -0.72 3.04	28.14 -0.46 2.19
BLUE_CIRC_CHEM_DRP 24182	28.71 1.18 0.00	25.03 0.99 0.00	22.88 0.94 0.00	22.04 0.95 -0.05	21.69 0.81 0.00	21.68 0.85 0.00	21.81 0.92 0.00	23.32 1.00 0.00	25.57 1.12 0.01	27.48 1.17 0.36	30.08 1.33 1.37	32.14 1.36 0.95	35.27 1.49 1.72	36.81 1.61 2.19	38.43 1.64 1.36	49.78 2.10 -5.75	60.65 2.25 -11.55	64.97 2.68 -14.42	64.15 2.55 -13.44	44.80 2.23 3.92	40.75 2.01 4.07	38.82 1.82 1.66	33.46 1.64 2.26	30.51 1.35 1.63
BOC_GAS_DRP 24189	28.49 0.96 0.00	24.86 0.82 0.00	22.73 0.79 0.00	21.90 0.80 -0.05	21.56 0.69 0.00	21.56 0.73 0.00	21.66 0.77 0.00	23.18 0.87 0.00	25.42 0.98 0.01	27.32 1.01 0.36	29.87 1.11 1.37	31.88 1.11 0.95	34.98 1.21 1.73	36.47 1.27 2.19	38.08 1.30 1.36	49.09 1.59 -5.56	59.75 1.73 -11.18	63.93 2.11 -13.96	63.08 1.93 -12.99	44.07 1.53 3.95	40.06 1.33 4.07	38.23 1.28 1.70	32.98 1.16 2.26	30.14 0.99 1.63
BOONVILLE_115KV_TB1 79983	28.22 0.55 -0.14	24.48 0.43 0.00	22.26 0.33 0.00	21.37 0.32 0.00	21.10 0.23 0.00	21.14 0.31 0.00	21.20 0.31 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.73 0.53 0.48	28.99 0.66 1.80	31.24 0.76 1.25	34.28 1.03 2.25	35.63 1.12 2.89	37.68 1.26 1.72	39.64 1.26 3.55	41.22 1.55 7.17	41.92 1.82 7.77	41.78 1.83 8.21	41.53 1.91 6.86	38.96 1.67 5.52	35.55 1.47 4.58	32.21 1.19 3.07	29.56 0.99 2.21
BORALEX_4TH_BRANCH 23824	29.21 1.68 0.00	25.44 1.39 0.00	23.23 1.29 0.00	22.42 1.33 -0.05	22.10 1.23 0.00	22.08 1.25 0.00	22.27 1.38 0.00	23.74 1.43 0.00	26.01 1.57 0.01	27.88 1.57 0.37	30.44 1.72 1.39	32.50 1.74 0.97	35.52 1.81 1.79	37.06 1.91 2.24	38.55 1.91 1.50	50.79 2.35 -6.51	64.56 2.57 -15.14	69.96 2.92 -19.17	69.48 2.89 -18.43	45.32 2.46 3.63	40.87 2.22 4.16	39.62 2.09 1.13	33.65 1.87 2.31	30.69 1.57 1.67
BOWLINE___1 23526	29.40 1.87 0.00	25.73 1.68 0.00	23.41 1.47 0.00	22.56 1.47 -0.04	22.17 1.29 0.00	22.16 1.33 0.00	22.31 1.42 0.00	24.03 1.72 0.00	26.35 1.91 0.01	28.39 2.05 0.34	31.10 2.26 1.28	33.08 2.25 0.89	36.29 2.38 1.59	37.80 2.47 2.06	39.42 2.44 1.17	48.93 2.93 -4.06	56.39 3.23 -6.31	59.10 3.59 -7.65	58.18 3.47 -6.55	44.86 2.46 4.09	41.20 2.18 3.79	38.61 2.16 2.21	33.95 1.98 2.11	31.18 1.91 1.52
BOWLINE___2 23595	29.43 1.90 0.00	25.73 1.68 0.00	23.41 1.47 0.00	22.56 1.47 -0.04	22.19 1.32 0.00	22.16 1.33 0.00	22.33 1.44 0.00	24.03 1.72 0.00	26.35 1.91 0.01	28.41 2.08 0.34	31.13 2.29 1.28	33.12 2.29 0.89	36.36 2.45 1.59	37.88 2.54 2.06	39.49 2.52 1.17	49.02 3.02 -4.06	56.49 3.33 -6.31	59.20 3.69 -7.65	58.27 3.56 -6.55	44.95 2.56 4.09	41.29 2.27 3.79	38.69 2.24 2.21	34.02 2.04 2.11	31.24 1.97 1.52
BRADY___115KV_TB2 356060	27.20 -0.33 0.00	23.73 -0.31 0.00	21.61 -0.33 0.00	20.67 -0.38 0.00	20.64 -0.23 0.00	20.72 -0.10 0.00	20.66 -0.23 0.00	22.07 -0.25 0.00	24.18 -0.27 0.00	26.28 -0.24 0.15	29.27 -0.27 0.58	31.10 -0.22 0.40	34.63 -0.14 0.73	36.32 -0.15 0.93	37.44 -0.15 0.55	40.14 -0.59 1.21	44.00 -0.42 2.43	43.87 -1.01 2.99	44.33 -0.67 3.15	43.82 -0.09 2.57	40.83 0.09 2.06	36.98 0.04 1.72	32.84 -0.10 1.15	29.81 -0.15 0.83
BRANSCOMB___SOLAR 323811	29.43 1.90 0.00	25.63 1.59 0.00	23.38 1.45 0.00	22.51 1.41 -0.05	22.21 1.34 0.00	22.18 1.35 0.00	22.31 1.42 0.00	23.87 1.56 0.00	26.22 1.78 0.01	27.92 1.63 0.38	30.57 1.87 1.42	32.77 2.03 0.99	35.86 2.17 1.81	37.47 2.36 2.28	39.14 2.44 1.45	55.54 3.10 -10.50	71.63 3.47 -21.32	78.20 3.83 -26.51	77.20 3.90 -25.14	46.59 3.53 3.43	41.82 3.25 4.24	40.82 2.90 0.74	34.25 2.52 2.36	31.06 1.97 1.70
BRENTWOD_69_KV_W. BRTWOOD 56703	33.99 3.41 -3.04	33.45 3.01 -6.40	31.19 2.72 -6.54	29.24 2.57 -5.62	27.10 2.36 -3.87	27.18 2.42 -3.94	28.62 2.57 -5.16	29.06 2.90 -3.84	33.43 3.23 -5.76	34.34 3.49 -4.17	32.97 3.52 0.67	44.55 3.58 -9.24	59.94 3.94 -20.50	43.54 3.96 -2.19	45.25 3.81 -3.29	50.32 4.03 -4.36	64.74 4.12 -13.77	74.19 4.69 -21.64	72.10 4.09 -19.85	55.15 3.39 -5.27	42.75 3.77 3.83	39.90 3.44 2.21	35.87 2.79 1.01	38.41 3.29 -4.33
BRISTLHL_115KV_TB1 79998	28.10 -0.52 -1.10	23.56 -0.48 0.00	21.50 -0.44 0.00	20.61 -0.44 0.00	20.39 -0.48 0.00	20.37 -0.46 0.00	20.47 -0.42 0.00	21.78 -0.54 0.00	23.84 -0.61 0.00	25.97 -0.64 0.06	29.23 -0.66 0.22	30.93 -0.63 0.16	34.58 -0.64 0.28	36.40 -0.64 0.36	37.32 -0.61 0.21	38.16 -0.71 3.07	40.13 -0.84 5.88	41.31 -0.14 6.41	41.63 -0.29 6.24	44.81 -0.46 1.21	41.59 -0.47 0.74	37.19 -0.43 1.05	33.33 -0.34 0.41	30.18 -0.31 0.30
BROOKHAVEN___DRP 24191	33.88 3.30 -3.04	33.33 2.89 -6.40	31.08 2.61 -6.54	29.13 2.46 -5.62	27.00 2.25 -3.87	27.08 2.31 -3.94	28.55 2.51 -5.16	28.99 2.83 -3.84	33.33 3.13 -5.76	34.31 3.47 -4.17	32.95 3.55 0.72	37.08 3.49 -1.87	44.23 3.83 -4.90	43.63 4.04 -2.19	45.71 4.01 -3.56	50.49 4.19 -4.36	91.53 4.45 -40.23	125.42 5.07 -72.48	120.94 4.53 -68.26	91.05 3.81 -40.76	42.76 3.77 3.82	39.90 3.44 2.20	40.14 2.83 -3.22	37.21 3.23 -3.19
BROOKLYN_NAVY_YARD 23515	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.85 1.77 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.94 2.62 0.34	31.69 2.86 1.29	33.71 2.89 0.90	36.91 3.02 1.61	38.46 3.14 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.64 4.03 -6.76	60.55 4.50 -8.18	59.48 4.28 -7.04	45.35 2.98 4.12	41.81 2.82 3.83	39.16 2.71 2.21	34.58 2.62 2.13	31.84 2.59 1.53
BROOKLYN___ARMY_DRP 323595	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42



BROOKVLE_69_KV_TB1 55790	33.41 2.84 -3.04	32.92 2.48 -6.40	30.71 2.24 -6.54	28.84 2.17 -5.62	26.67 1.92 -3.87	26.75 1.98 -3.94	28.18 2.13 -5.16	28.61 2.45 -3.84	32.97 2.76 -5.76	33.91 3.07 -4.17	32.42 3.43 1.13	36.14 3.52 -0.90	37.59 3.69 1.61	43.43 3.85 -2.18	45.29 3.93 -3.22	50.57 4.28 -4.35	58.20 4.59 -6.76	61.21 5.17 -8.18	59.82 4.62 -7.04	46.18 3.81 4.12	42.58 3.60 3.83	39.78 3.32 2.21	34.89 2.93 2.13	32.27 3.02 1.54
BROOME_2_LFGE 323671	28.20 0.44 -0.23	24.45 0.41 0.00	22.35 0.42 0.00	21.33 0.27 -0.01	21.08 0.21 0.00	21.12 0.29 0.00	21.16 0.27 0.00	23.23 0.92 0.00	25.49 1.05 0.01	27.41 1.17 0.44	29.83 1.36 1.65	32.00 1.43 1.15	34.92 1.49 2.07	36.35 1.61 2.65	38.24 1.68 1.58	42.78 1.55 0.71	46.85 1.73 1.73	46.43 1.58 3.01	46.11 1.44 3.49	42.22 0.98 5.24	39.27 0.81 4.35	35.96 0.66 3.36	32.28 0.61 2.42	29.66 0.62 1.74
BROOME___LFGE 323600	28.20 0.44 -0.23	24.45 0.41 0.00	22.35 0.42 0.00	21.33 0.27 -0.01	21.08 0.21 0.00	21.12 0.29 0.00	21.16 0.27 0.00	23.23 0.92 0.00	25.49 1.05 0.01	27.41 1.17 0.44	29.83 1.36 1.65	32.00 1.43 1.15	34.92 1.49 2.07	36.35 1.61 2.65	38.24 1.68 1.58	42.78 1.55 0.71	46.85 1.73 1.73	46.43 1.58 3.01	46.11 1.44 3.49	42.22 0.98 5.24	39.27 0.81 4.35	35.96 0.66 3.36	32.28 0.61 2.42	29.66 0.62 1.74
BROWNFLS_115KV_TB_3_5 80003	27.10 -0.63 -0.20	23.44 -0.60 0.00	21.32 -0.61 0.00	20.44 -0.61 0.00	20.35 -0.52 0.00	20.37 -0.46 0.00	20.35 -0.54 0.00	21.73 -0.58 0.00	23.78 -0.66 0.01	25.81 -0.61 0.25	28.42 -0.75 0.94	30.37 -0.70 0.66	33.64 -0.67 1.18	35.24 -0.64 1.51	36.67 -0.57 0.90	38.74 -1.01 2.19	41.58 -0.89 4.38	41.92 -1.01 4.94	42.28 -0.72 5.16	42.41 -0.23 3.84	39.62 -0.13 3.06	35.91 -0.15 2.59	32.11 -0.27 1.70	29.22 -0.34 1.23
BROWNSV1_27_KV_LOAD 356125	30.20 2.67 0.00	26.35 2.31 0.00	24.00 2.06 0.00	23.08 2.00 -0.04	22.63 1.75 0.00	22.62 1.79 0.00	22.85 1.96 0.00	24.61 2.30 0.00	27.03 2.59 0.01	29.24 2.91 0.34	32.08 3.25 1.29	34.12 3.30 0.90	37.37 3.48 1.61	38.91 3.59 2.08	40.59 3.62 1.17	50.61 4.32 -4.35	58.29 4.68 -6.76	61.30 5.26 -8.18	60.15 4.96 -7.03	46.09 3.72 4.12	42.36 3.38 3.83	39.70 3.25 2.21	34.92 2.97 2.13	32.18 2.93 1.53
BURROWS___LYONSDAL 23803	28.14 0.44 -0.17	24.38 0.34 0.00	22.18 0.24 0.00	21.28 0.23 0.00	21.04 0.17 0.00	21.06 0.23 0.00	21.10 0.21 0.00	22.62 0.31 0.00	24.76 0.32 0.01	26.63 0.40 0.44	28.92 0.48 1.68	31.13 0.57 1.17	34.21 0.82 2.10	35.64 0.93 2.69	37.57 1.03 1.60	39.49 0.96 3.41	41.24 1.26 6.87	41.93 1.53 7.46	41.88 1.59 7.87	41.77 1.72 6.43	39.18 1.54 5.17	35.71 1.35 4.30	32.30 1.09 2.87	29.61 0.89 2.07
CAITHNESS_CC_1 323624	33.85 3.27 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.07 2.40 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.49 2.44 -5.16	28.92 2.77 -3.84	33.26 3.06 -5.76	34.21 3.36 -4.17	32.80 3.40 0.72	38.55 3.36 -3.46	44.04 3.66 -4.88	43.44 3.85 -2.19	45.48 3.78 -3.56	50.49 4.19 -4.36	91.26 4.36 -40.06	124.91 4.88 -72.16	120.58 4.48 -67.95	90.64 3.63 -40.52	42.50 3.51 3.82	39.71 3.25 2.20	40.08 2.80 -3.20	37.10 3.14 -3.17
CALPINE BETH_PAGE_GT4 24209	33.57 3.00 -3.04	33.06 2.62 -6.40	30.84 2.37 -6.54	28.94 2.27 -5.62	26.79 2.05 -3.87	26.87 2.10 -3.94	28.30 2.26 -5.16	28.74 2.59 -3.84	33.09 2.88 -5.76	34.02 3.17 -4.17	32.36 3.34 1.11	36.44 3.39 -1.32	38.65 3.55 0.40	43.24 3.66 -2.18	45.06 3.70 -3.22	50.15 3.86 -4.35	58.18 4.12 -7.21	61.59 4.69 -9.03	60.10 4.09 -7.85	46.36 3.39 3.52	42.36 3.38 3.83	39.58 3.13 2.21	34.79 2.76 2.06	32.66 3.08 1.21
CALPINE_BETH_PAGE_GT_4 323586	33.55 2.97 -3.04	33.06 2.62 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.83 2.09 -3.87	26.89 2.13 -3.94	28.28 2.24 -5.16	28.74 2.59 -3.84	33.09 2.88 -5.76	33.99 3.15 -4.17	32.33 3.31 1.11	36.46 3.36 -1.37	38.61 3.52 0.40	43.24 3.67 -2.18	45.03 3.66 -3.22	50.35 4.07 -4.35	58.32 4.26 -7.21	61.64 4.74 -9.04	60.29 4.28 -7.85	46.45 3.49 3.52	42.28 3.30 3.83	39.55 3.09 2.21	34.85 2.83 2.06	32.66 3.08 1.21
CALPINE_BP_GT1 23823	33.55 2.97 -3.04	33.06 2.62 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.83 2.09 -3.87	26.89 2.13 -3.94	28.28 2.24 -5.16	28.74 2.59 -3.84	33.09 2.88 -5.76	33.99 3.15 -4.17	32.33 3.31 1.11	36.46 3.36 -1.37	38.61 3.52 0.40	43.24 3.67 -2.18	45.03 3.66 -3.22	50.35 4.07 -4.35	58.32 4.26 -7.21	61.64 4.74 -9.04	60.29 4.28 -7.85	46.45 3.49 3.52	42.28 3.30 3.83	39.55 3.09 2.21	34.85 2.83 2.06	32.66 3.08 1.21
CALSPAN___DRP 24200	27.45 -0.08 0.00	24.09 0.05 0.00	22.00 0.07 0.00	20.86 -0.19 -0.01	20.50 -0.38 0.00	20.47 -0.35 0.00	20.74 -0.15 0.00	22.47 0.16 0.00	24.63 0.20 0.01	26.39 0.21 0.50	28.42 0.18 1.88	30.80 0.38 1.31	33.25 0.11 2.36	34.56 0.19 3.02	36.54 0.19 1.80	39.39 -0.25 2.30	41.58 -0.47 4.80	43.24 0.81 5.44	42.12 -0.05 5.99	38.78 -0.88 6.82	36.49 -0.73 5.59	33.41 -0.81 4.44	30.50 -0.48 3.11	28.55 0.00 2.24
CALVERTON___SOLAR 323806	34.07 3.50 -3.04	33.42 2.98 -6.40	31.13 2.65 -6.54	29.19 2.52 -5.62	27.12 2.38 -3.87	27.20 2.44 -3.94	28.61 2.57 -5.16	29.08 2.92 -3.84	33.46 3.25 -5.76	34.45 3.60 -4.17	33.10 3.70 0.72	38.87 3.68 -3.47	44.44 4.05 -4.90	43.89 4.30 -2.19	45.98 4.27 -3.56	50.99 4.70 -4.36	92.07 4.92 -40.31	126.00 5.50 -72.63	121.66 5.10 -68.40	91.57 4.23 -40.86	43.01 4.02 3.82	40.14 3.67 2.20	40.45 3.13 -3.24	37.40 3.42 -3.20
CANDIGU_WT_PWR 323617	27.98 0.33 -0.12	24.43 0.38 0.00	22.37 0.44 0.00	21.14 0.08 -0.01	20.93 0.06 0.00	20.98 0.15 0.00	20.99 0.10 0.00	22.91 0.60 0.00	25.17 0.73 0.01	27.11 0.91 0.47	29.32 0.96 1.76	31.51 1.01 1.23	34.21 0.92 2.21	35.57 1.01 2.83	37.56 1.11 1.69	40.82 0.63 1.74	43.83 0.70 3.72	44.57 1.34 4.63	44.13 1.11 5.14	40.93 0.56 6.11	38.17 0.38 5.02	34.85 0.16 3.97	31.60 0.31 2.79	29.21 0.43 2.01
CARR STREET_E_SYR 24060	27.67 -0.19 -0.33	23.88 -0.17 0.00	21.81 -0.13 0.00	20.84 -0.21 0.00	20.66 -0.21 0.00	20.66 -0.17 0.00	20.70 -0.19 0.00	22.00 -0.31 0.00	24.10 -0.34 0.01	26.02 -0.29 0.36	28.39 -0.36 1.37	30.36 -0.41 0.95	33.39 -0.39 1.72	34.82 -0.37 2.20	36.49 -0.34 1.31	38.43 -0.38 3.13	40.16 -0.42 6.26	41.57 0.24 6.53	41.54 0.24 6.86	41.03 -0.05 5.41	38.39 -0.09 4.33	34.88 -0.15 3.63	31.58 -0.10 2.41	28.96 -0.09 1.74
CARTHAGE___PAPER 23857	27.92 -0.03 -0.42	23.97 -0.07 0.00	21.76 -0.18 0.00	20.88 -0.17 0.00	20.73 -0.15 0.00	20.73 -0.10 0.00	20.72 -0.17 0.00	22.11 -0.20 0.00	24.17 -0.27 0.01	26.21 -0.19 0.28	28.80 -0.27 1.04	30.74 -0.25 0.72	34.05 -0.14 1.31	35.64 -0.07 1.67	37.22 0.08 1.00	38.76 -0.29 2.88	41.08 -0.05 5.72	41.79 0.19 6.27	42.42 0.72 6.46	43.66 1.35 4.18	40.72 1.20 3.29	36.84 1.04 2.86	33.00 0.75 1.83	29.99 0.52 1.32

CASSADAGA_WT_PWR 323784	28.27 0.74 0.00	24.79 0.75 0.00	22.79 0.85 0.00	21.37 0.32 -0.01	21.02 0.15 0.00	20.99 0.17 0.00	21.01 0.13 0.00	22.94 0.62 0.00	25.44 1.00 0.01	27.51 1.33 0.49	29.76 1.51 1.87	32.07 1.65 1.30	34.72 1.56 2.34	36.19 1.79 3.00	38.23 1.87 1.78	40.94 1.22 2.21	43.52 1.31 4.64	44.89 2.34 5.32	44.17 1.88 5.86	40.64 0.88 6.72	37.94 0.64 5.51	34.36 0.08 4.38	31.19 0.17 3.06	28.92 0.34 2.21
CE_DUNWOOD___DRP 24194	29.65 2.12 0.00	25.92 1.88 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.29 1.42 0.00	22.31 1.48 0.00	22.50 1.61 0.00	24.21 1.90 0.00	26.57 2.13 0.01	28.68 2.35 0.34	31.45 2.62 1.29	33.46 2.63 0.90	36.73 2.84 1.61	38.23 2.92 2.08	39.91 2.94 1.17	49.75 3.48 -4.33	57.37 3.79 -6.73	60.31 4.31 -8.14	59.20 4.05 -7.00	45.49 3.11 4.11	41.72 2.74 3.82	39.08 2.63 2.21	34.31 2.35 2.13	31.53 2.28 1.53
CE_MILLWOOD___DRP 24193	29.57 2.04 0.00	25.85 1.80 0.00	23.56 1.62 0.00	22.66 1.58 -0.04	22.23 1.36 0.00	22.25 1.42 0.00	22.43 1.55 0.00	24.14 1.83 0.00	26.50 2.05 0.01	28.60 2.27 0.34	31.36 2.53 1.29	33.36 2.54 0.90	36.59 2.70 1.60	38.13 2.80 2.07	39.80 2.82 1.17	49.59 3.35 -4.30	57.13 3.61 -6.68	60.11 4.16 -8.08	59.00 3.90 -6.94	45.40 3.02 4.11	41.64 2.65 3.82	38.97 2.51 2.21	34.21 2.25 2.12	31.44 2.19 1.53
CE_NYC2_DRP 24202	30.04 2.51 -0.01	26.23 2.19 0.00	23.89 1.95 0.00	22.96 1.87 -0.04	22.50 1.63 0.00	22.49 1.67 0.00	22.73 1.84 0.00	24.50 2.19 0.00	26.89 2.44 0.01	29.08 2.75 0.33	31.91 3.07 1.29	33.91 3.08 0.89	37.16 3.27 1.61	38.69 3.37 2.07	40.29 3.32 1.17	50.06 3.77 -4.35	57.73 4.12 -6.76	60.68 4.64 -8.18	59.52 4.33 -7.03	45.34 2.98 4.12	41.85 2.87 3.83	39.35 2.90 2.21	34.73 2.76 2.12	31.97 2.71 1.53
CE_NYC_DRP 24195	29.93 2.40 0.00	26.14 2.09 0.00	23.80 1.86 0.00	22.90 1.81 -0.04	22.44 1.57 0.00	22.45 1.62 0.00	22.66 1.78 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.94 2.61 0.34	31.75 2.92 1.29	33.77 2.95 0.90	36.98 3.09 1.61	38.50 3.18 2.08	40.18 3.20 1.17	50.10 3.82 -4.35	57.78 4.17 -6.76	60.73 4.69 -8.18	59.57 4.38 -7.03	45.58 3.21 4.12	41.93 2.95 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.84 2.59 1.53
CHAFFEE___LFGE 323603	27.64 0.11 0.00	24.28 0.24 0.00	22.35 0.42 0.00	20.97 -0.08 -0.01	20.79 -0.08 0.00	20.83 0.00 0.00	20.85 -0.04 0.00	22.56 0.25 0.00	24.81 0.37 0.01	26.71 0.53 0.49	28.82 0.57 1.87	31.02 0.60 1.30	33.55 0.39 2.34	34.92 0.52 3.00	36.96 0.61 1.79	39.62 -0.08 2.23	41.99 -0.19 4.67	43.43 0.91 5.34	42.80 0.53 5.89	39.56 -0.19 6.75	37.11 -0.17 5.53	33.65 -0.62 4.39	30.74 -0.27 3.07	28.70 0.12 2.22
CHATEAUG_35_KV_LOAD 355732	27.67 0.14 0.00	24.16 0.12 0.00	21.98 0.04 0.00	20.99 -0.06 0.00	21.02 0.15 0.00	21.08 0.25 0.00	21.04 0.15 0.00	22.45 0.13 0.00	24.69 0.24 0.00	26.91 0.37 0.14	30.00 0.39 0.51	31.84 0.48 0.36	35.46 0.60 0.65	37.20 0.64 0.83	38.26 0.61 0.49	41.07 0.17 1.04	45.13 0.37 2.09	45.17 -0.05 2.65	45.55 0.19 2.80	44.51 0.37 2.35	41.52 0.60 1.89	37.44 0.35 1.56	33.21 0.17 1.05	30.09 0.06 0.76
CHATEAUG_WT_PWR 323614	27.67 0.14 0.00	24.16 0.12 0.00	21.98 0.04 0.00	21.01 -0.04 0.00	20.96 0.08 0.00	21.02 0.19 0.00	21.04 0.15 0.00	22.47 0.16 0.00	24.69 0.24 0.00	26.94 0.40 0.13	30.04 0.42 0.50	31.92 0.54 0.35	35.59 0.71 0.62	37.27 0.67 0.80	38.32 0.65 0.47	41.24 0.30 0.99	45.28 0.42 1.99	45.55 0.24 2.55	45.70 0.24 2.70	44.67 0.46 2.28	41.61 0.64 1.84	37.57 0.43 1.52	33.27 0.21 1.02	30.15 0.09 0.74
CHAT_HIGH_FALL_HYD 323578	27.67 0.14 0.00	24.16 0.12 0.00	21.98 0.04 0.00	20.99 -0.06 0.00	20.93 0.06 0.00	21.02 0.19 0.00	21.04 0.15 0.00	22.47 0.16 0.00	24.69 0.24 0.00	26.91 0.37 0.14	30.00 0.39 0.51	31.84 0.48 0.36	35.49 0.64 0.65	37.20 0.64 0.83	38.26 0.61 0.49	41.15 0.25 1.04	45.13 0.37 2.09	45.31 0.10 2.65	45.50 0.14 2.80	44.56 0.42 2.35	41.52 0.60 1.89	37.48 0.39 1.56	33.21 0.17 1.05	30.09 0.06 0.76
CHAUTAUQUA___LFGE 323629	27.97 0.44 0.00	24.55 0.51 0.00	22.57 0.64 0.00	21.18 0.13 -0.01	20.96 0.08 0.00	20.95 0.13 0.00	20.97 0.08 0.00	22.80 0.49 0.00	25.17 0.73 0.01	27.16 0.99 0.50	29.33 1.08 1.87	31.60 1.17 1.30	34.14 0.99 2.35	35.55 1.16 3.01	37.61 1.26 1.79	40.36 0.67 2.24	42.86 0.70 4.69	44.13 1.63 5.36	43.55 1.30 5.91	40.24 0.51 6.76	37.61 0.34 5.54	34.14 -0.12 4.40	31.11 0.10 3.08	28.94 0.37 2.22
CHERRYST_13_KV_LD 356241	30.01 2.48 0.00	26.21 2.16 0.00	23.87 1.93 0.00	22.96 1.87 -0.04	22.50 1.63 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.50 2.19 0.00	26.89 2.44 0.01	29.05 2.72 0.34	31.90 3.07 1.29	33.90 3.08 0.90	37.12 3.23 1.61	38.68 3.37 2.08	40.37 3.39 1.17	50.31 4.03 -4.35	57.96 4.36 -6.76	60.97 4.93 -8.18	59.81 4.62 -7.03	45.76 3.39 4.12	42.11 3.12 3.83	39.43 2.98 2.21	34.72 2.76 2.13	31.96 2.71 1.53
CHESTROR_138KV_BK263 355645	29.21 1.68 0.00	25.53 1.49 0.00	23.27 1.34 0.00	22.39 1.31 -0.03	21.96 1.09 0.00	21.95 1.12 0.00	22.12 1.23 0.00	23.78 1.47 0.00	26.06 1.61 0.01	28.07 1.73 0.33	30.78 1.93 1.27	32.78 1.94 0.88	36.06 2.13 1.57	37.53 2.17 2.03	39.16 2.17 1.16	48.25 2.64 -3.67	55.46 2.90 -5.71	58.18 3.40 -6.91	57.22 3.18 -5.89	44.80 2.37 4.06	41.13 2.05 3.74	38.45 2.01 2.22	33.81 1.81 2.08	31.02 1.72 1.50
CH_MIDHUDSON___DRP 24192	29.48 1.95 0.00	25.73 1.68 0.00	23.47 1.54 0.00	22.58 1.49 -0.04	22.15 1.27 0.00	22.14 1.31 0.00	22.31 1.42 0.00	23.94 1.63 0.00	26.20 1.76 0.01	28.22 1.89 0.34	30.96 2.14 1.30	32.98 2.16 0.90	36.29 2.41 1.62	37.77 2.47 2.09	39.42 2.48 1.20	48.98 3.02 -4.03	56.73 3.33 -6.56	59.74 3.88 -8.00	58.72 3.61 -6.95	45.15 2.79 4.13	41.40 2.44 3.85	38.78 2.32 2.20	34.02 2.08 2.14	31.18 1.94 1.54
CH_MISC_IPPS 23765	29.65 2.12 0.00	25.87 1.83 0.00	23.52 1.58 0.00	22.68 1.60 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.35 1.46 0.00	24.01 1.69 0.00	26.25 1.81 0.01	28.27 1.95 0.34	31.02 2.20 1.29	33.08 2.25 0.90	36.48 2.59 1.61	38.01 2.69 2.08	39.66 2.71 1.19	49.24 3.27 -4.03	57.01 3.70 -6.47	59.86 4.12 -7.88	59.01 4.05 -6.81	45.39 3.02 4.11	41.63 2.66 3.83	39.01 2.55 2.20	34.21 2.25 2.13	31.38 2.12 1.54
CH_RES_BVR_FALLS 23983	27.17 -0.36 0.00	23.73 -0.31 0.00	21.63 -0.31 0.00	20.73 -0.32 0.00	20.60 -0.27 0.00	20.66 -0.17 0.00	20.70 -0.19 0.00	22.11 -0.20 0.00	24.22 -0.22 0.01	26.14 -0.21 0.32	28.68 -0.24 1.19	30.64 -0.25 0.83	33.76 -0.25 1.50	35.22 -0.26 1.92	36.74 -0.27 1.14	39.36 -0.38 2.19	42.03 -0.38 4.44	41.54 -0.38 6.09	41.44 -0.24 6.48	40.53 -0.19 5.77	37.98 -0.17 4.66	34.60 -0.23 3.83	31.22 -0.27 2.59	28.64 -0.28 1.87

CH_RES_NIAGARA 23895	26.51 -1.02 0.00	23.30 -0.75 0.00	21.70 -0.24 0.00	20.36 -0.69 -0.01	20.27 -0.61 0.00	20.33 -0.50 0.00	20.05 -0.84 0.00	21.53 -0.78 0.00	23.61 -0.83 0.01	25.39 -0.77 0.51	27.24 -0.96 1.91	29.35 -1.05 1.33	31.62 -1.49 2.39	32.83 -1.50 3.07	34.83 -1.49 1.83	37.66 -1.84 2.43	39.48 -2.29 5.07	40.35 -1.87 5.64	40.37 -1.59 6.20	37.54 -1.95 6.99	35.28 -1.80 5.73	32.09 -2.01 4.56	29.61 -1.30 3.18	27.81 -0.68 2.30
CH_RES_SYRACUSE 23985	28.11 -0.03 -0.61	24.02 -0.02 0.00	21.94 0.00 0.00	20.97 -0.08 0.00	20.77 -0.10 0.00	20.79 -0.04 0.00	20.83 -0.06 0.00	22.16 -0.16 0.00	24.27 -0.17 0.01	26.32 -0.11 0.25	29.15 -0.03 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.52 0.91 6.25	42.62 0.87 6.40	43.24 0.56 3.81	40.31 0.47 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
CLINTON_WT_PWR 323605	27.67 0.14 0.00	24.16 0.12 0.00	21.98 0.04 0.00	21.01 -0.04 0.00	20.96 0.08 0.00	21.02 0.19 0.00	21.04 0.15 0.00	22.47 0.16 0.00	24.69 0.24 0.00	26.94 0.40 0.13	30.04 0.42 0.50	31.92 0.54 0.35	35.59 0.71 0.62	37.27 0.67 0.80	38.32 0.65 0.47	41.24 0.30 0.99	45.28 0.42 1.99	45.55 0.24 2.55	45.70 0.24 2.70	44.67 0.46 2.28	41.61 0.64 1.84	37.57 0.43 1.52	33.27 0.21 1.02	30.15 0.09 0.74
CLINTON___LFGE 323618	27.97 0.44 0.00	24.43 0.38 0.00	22.20 0.26 0.00	21.18 0.13 0.00	21.12 0.25 0.00	21.20 0.38 0.00	21.22 0.33 0.00	22.65 0.34 0.00	24.91 0.46 0.00	27.18 0.64 0.13	30.28 0.66 0.50	32.20 0.82 0.35	35.94 1.06 0.63	37.63 1.05 0.80	38.69 1.03 0.48	41.52 0.59 1.00	45.63 0.80 2.01	45.95 0.67 2.58	46.15 0.72 2.73	45.12 0.93 2.30	42.07 1.11 1.85	37.94 0.81 1.53	33.57 0.51 1.03	30.42 0.37 0.74
COBBLENY_34_KV_TB1 80064	27.59 0.06 0.00	24.21 0.17 0.00	22.09 0.15 0.00	20.95 -0.11 -0.01	20.60 -0.27 0.00	20.56 -0.27 0.00	20.85 -0.04 0.00	22.58 0.27 0.00	24.78 0.34 0.01	26.58 0.40 0.49	28.64 0.39 1.87	31.03 0.60 1.30	33.55 0.39 2.34	34.84 0.45 3.00	36.81 0.46 1.79	39.66 -0.04 2.23	41.99 -0.19 4.67	43.72 1.20 5.34	42.51 0.24 5.89	39.09 -0.65 6.75	36.81 -0.47 5.53	33.61 -0.66 4.39	30.64 -0.37 3.07	28.70 0.12 2.22
COFFEEN___115KV_TB3 355620	28.32 0.28 -0.51	24.21 0.17 0.00	21.96 0.02 0.00	21.09 0.04 0.00	20.89 0.02 0.00	20.85 0.02 0.00	20.87 -0.02 0.00	22.27 -0.04 0.00	24.32 -0.12 0.01	26.48 0.05 0.25	29.15 -0.03 0.94	31.07 0.00 0.65	34.46 0.14 1.18	36.11 0.22 1.51	37.74 0.50 0.90	39.05 0.04 2.92	41.50 0.42 5.77	42.47 0.91 6.30	43.11 1.40 6.45	44.82 2.14 3.80	41.81 1.97 2.97	37.77 1.74 2.63	33.76 1.33 1.65	30.65 1.05 1.19
COLDSPRG_115KV_BK1 355956	28.27 0.74 0.00	24.81 0.77 0.00	22.66 0.72 0.00	21.45 0.40 -0.01	21.00 0.13 0.00	20.93 0.10 0.00	21.22 0.33 0.00	23.23 0.91 0.00	25.64 1.20 0.01	27.57 1.39 0.49	29.80 1.54 1.85	32.27 1.84 1.29	34.92 1.74 2.32	36.33 1.91 2.98	38.28 1.91 1.77	40.96 1.17 2.15	43.55 1.22 4.51	45.61 2.97 5.22	43.98 1.59 5.76	40.31 0.46 6.64	37.83 0.47 5.45	34.49 0.15 4.32	31.26 0.20 3.03	29.10 0.49 2.18
COLONIE_LFGE___ 323577	28.96 1.43 0.00	25.22 1.18 0.00	23.03 1.10 0.00	22.21 1.11 -0.05	21.92 1.04 0.00	21.89 1.06 0.00	22.02 1.13 0.00	23.54 1.23 0.00	25.81 1.37 0.01	27.66 1.36 0.37	30.25 1.54 1.41	32.33 1.59 0.98	35.38 1.67 1.79	36.93 1.79 2.26	38.52 1.83 1.45	53.28 2.30 -9.04	68.17 2.53 -18.79	74.20 2.87 -23.46	73.28 2.84 -22.29	45.37 2.42 3.53	40.79 2.18 4.20	39.74 2.01 0.93	33.52 1.77 2.34	30.55 1.45 1.69
COOPERNY_115KV_TB1 80082	28.77 1.24 0.00	25.17 1.13 0.00	22.94 1.01 0.00	22.06 0.99 -0.02	21.69 0.81 0.00	21.68 0.85 0.00	21.83 0.94 0.00	23.47 1.16 0.00	25.74 1.30 0.01	27.77 1.41 0.32	30.49 1.57 1.19	32.48 1.59 0.83	35.71 1.70 1.49	37.23 1.76 1.92	38.82 1.79 1.11	46.21 2.10 -2.18	52.50 2.34 -3.31	54.57 2.68 -4.03	53.86 2.46 -3.25	44.43 1.86 3.92	40.93 1.63 3.50	38.00 1.59 2.24	33.53 1.40 1.95	30.74 1.35 1.41
COPENHAGEN_WT_PWR 323753	28.10 0.03 -0.54	24.00 -0.05 0.00	21.83 -0.11 0.00	20.93 -0.13 0.00	20.77 -0.10 0.00	20.75 -0.08 0.00	20.72 -0.17 0.00	22.11 -0.20 0.00	24.15 -0.29 0.01	26.27 -0.16 0.24	28.97 -0.24 0.91	30.87 -0.22 0.63	34.25 -0.11 1.14	35.89 -0.04 1.46	37.43 0.15 0.87	38.75 -0.25 2.93	41.06 0.00 5.78	41.93 0.38 6.31	42.58 0.87 6.44	44.23 1.44 3.70	41.21 1.28 2.88	37.21 1.12 2.57	33.34 0.85 1.60	30.28 0.65 1.16
CORNELL___ 23752	28.60 0.74 -0.33	24.67 0.63 0.00	22.48 0.55 0.00	21.50 0.44 -0.01	21.21 0.33 0.00	21.22 0.40 0.00	21.33 0.44 0.00	23.43 1.12 0.00	25.66 1.22 0.01	27.60 1.33 0.40	30.16 1.57 1.52	32.38 1.71 1.06	35.54 1.95 1.91	37.04 2.09 2.45	38.82 2.14 1.46	42.69 2.22 1.47	46.23 2.53 3.14	45.84 2.44 4.46	45.63 2.31 4.84	43.50 2.00 4.99	40.50 1.76 4.07	36.90 1.51 3.27	33.12 1.30 2.26	30.36 1.20 1.63
CORONA_AAV_69_KV_TB1 355595	33.41 2.84 -3.04	32.94 2.50 -6.40	30.75 2.28 -6.54	28.88 2.21 -5.62	26.71 1.96 -3.87	26.79 2.02 -3.94	28.22 2.17 -5.16	28.63 2.48 -3.84	32.97 2.76 -5.76	33.89 3.04 -4.17	32.33 3.34 1.13	36.05 3.43 -0.90	37.66 3.76 1.61	43.47 3.89 -2.18	45.29 3.93 -3.22	50.52 4.24 -4.35	58.15 4.54 -6.76	61.17 5.12 -8.18	59.67 4.48 -7.04	46.09 3.72 4.12	42.53 3.55 3.83	39.78 3.32 2.21	34.72 2.76 2.13	32.21 2.96 1.54
CORTLAND_115KV_TB3 80093	28.31 0.44 -0.34	24.43 0.38 0.00	22.26 0.33 0.00	21.31 0.25 -0.01	21.04 0.17 0.00	21.04 0.21 0.00	21.16 0.27 0.00	23.16 0.85 0.00	25.37 0.93 0.01	27.31 1.04 0.40	29.81 1.20 1.52	32.00 1.33 1.05	35.12 1.53 1.90	36.60 1.65 2.44	38.37 1.68 1.45	41.75 1.72 1.91	44.84 1.97 3.97	44.44 1.82 5.24	44.20 1.64 5.60	42.63 1.26 5.11	39.79 1.11 4.13	36.24 0.97 3.38	32.64 0.85 2.30	29.90 0.77 1.66
COXSACKIE___GT 23611	29.79 2.26 0.00	25.78 1.73 0.00	23.47 1.53 0.00	22.59 1.49 -0.04	22.23 1.36 0.00	22.12 1.29 0.00	22.12 1.23 0.00	23.63 1.32 0.00	25.57 1.13 0.01	27.54 1.23 0.36	30.12 1.36 1.35	32.37 1.59 0.94	36.10 2.31 1.71	37.69 2.47 2.17	39.37 2.56 1.33	50.80 3.31 -5.55	61.56 3.79 -10.93	66.17 4.69 -13.61	65.63 4.86 -12.62	46.65 4.09 3.93	42.51 3.72 4.02	40.27 3.33 1.72	34.78 2.93 2.24	31.42 2.25 1.61
CPV_VALLEY___CC1 323721	28.96 1.43 0.00	25.32 1.27 0.00	23.05 1.12 0.00	22.19 1.11 -0.03	21.85 0.98 0.00	21.83 1.00 0.00	21.95 1.06 0.00	23.63 1.32 0.00	25.88 1.44 0.01	27.89 1.55 0.33	30.59 1.72 1.24	32.60 1.74 0.86	35.80 1.84 1.54	37.31 1.91 1.99	38.91 1.91 1.14	47.38 2.30 -3.14	54.21 2.53 -4.84	56.56 2.82 -5.88	55.83 2.74 -4.93	44.38 1.91 4.01	40.87 1.71 3.65	38.09 1.66 2.23	33.59 1.54 2.03	30.80 1.48 1.47

CPV_VALLEY___CC2 323722	28.96 1.43 0.00	25.32 1.27 0.00	23.05 1.12 0.00	22.19 1.11 -0.03	21.85 0.98 0.00	21.83 1.00 0.00	21.95 1.06 0.00	23.63 1.32 0.00	25.88 1.44 0.01	27.89 1.55 0.33	30.59 1.72 1.24	32.60 1.74 0.86	35.80 1.84 1.54	37.31 1.91 1.99	38.91 1.91 1.14	47.38 2.30 -3.14	54.21 2.53 -4.84	56.56 2.82 -5.88	55.83 2.74 -4.93	44.38 1.91 4.01	40.87 1.71 3.65	38.09 1.66 2.23	33.59 1.54 2.03	30.80 1.48 1.47
CRESCENT___HYD 24018	28.96 1.43 0.00	25.22 1.18 0.00	23.03 1.10 0.00	22.21 1.11 -0.05	21.92 1.04 0.00	21.89 1.06 0.00	22.02 1.13 0.00	23.54 1.23 0.00	25.81 1.37 0.01	27.66 1.36 0.37	30.25 1.54 1.41	32.33 1.59 0.98	35.38 1.67 1.79	36.93 1.79 2.26	38.52 1.83 1.45	53.28 2.30 -9.04	68.17 2.53 -18.79	74.20 2.87 -23.46	73.28 2.84 -22.29	45.37 2.42 3.53	40.79 2.18 4.20	39.74 2.01 0.93	33.52 1.77 2.34	30.55 1.45 1.69
CRICKET___VALLEY_CC1 323756	29.04 1.51 0.00	25.37 1.32 0.00	23.14 1.21 0.00	22.35 1.26 -0.04	22.00 1.13 0.00	21.97 1.14 0.00	22.16 1.27 0.00	23.72 1.41 0.00	25.93 1.49 0.01	27.90 1.57 0.35	30.55 1.75 1.31	32.59 1.78 0.91	35.41 1.81 1.90	37.19 1.91 2.11	37.74 1.87 2.27	26.12 2.30 18.12	33.56 2.53 15.81	34.60 2.82 16.09	39.02 2.74 11.89	44.30 1.95 4.14	40.67 1.76 3.89	38.23 1.74 2.17	33.49 1.57 2.16	30.71 1.48 1.56
CRICKET___VALLEY_CC2 323757	29.04 1.51 0.00	25.37 1.32 0.00	23.14 1.21 0.00	22.35 1.26 -0.04	22.00 1.13 0.00	21.97 1.14 0.00	22.16 1.27 0.00	23.72 1.41 0.00	25.93 1.49 0.01	27.90 1.57 0.35	30.55 1.75 1.31	32.59 1.78 0.91	35.41 1.81 1.90	37.19 1.91 2.11	37.74 1.87 2.27	26.12 2.30 18.12	33.56 2.53 15.81	34.60 2.82 16.09	39.02 2.74 11.89	44.30 1.95 4.14	40.67 1.76 3.89	38.23 1.74 2.17	33.49 1.57 2.16	30.71 1.48 1.56
CRICKET___VALLEY_CC3 323758	29.04 1.51 0.00	25.37 1.32 0.00	23.14 1.21 0.00	22.35 1.26 -0.04	22.00 1.13 0.00	21.97 1.14 0.00	22.16 1.27 0.00	23.72 1.41 0.00	25.93 1.49 0.01	27.90 1.57 0.35	30.55 1.75 1.31	32.59 1.78 0.91	35.41 1.81 1.90	37.19 1.91 2.11	37.74 1.87 2.27	26.12 2.30 18.12	33.56 2.53 15.81	34.60 2.82 16.09	39.02 2.74 11.89	44.30 1.95 4.14	40.67 1.76 3.89	38.23 1.74 2.17	33.49 1.57 2.16	30.71 1.48 1.56
CRUCIBLE_METL_DRP 24180	28.11 -0.03 -0.61	24.00 -0.05 0.00	21.89 -0.04 0.00	20.97 -0.08 0.00	20.73 -0.15 0.00	20.72 -0.10 0.00	20.83 -0.06 0.00	22.18 -0.13 0.00	24.27 -0.17 0.01	26.29 -0.13 0.25	29.12 -0.06 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.62 1.01 6.25	42.57 0.82 6.40	43.19 0.51 3.81	40.26 0.43 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
DAHOWA___HYDRO 323763	29.54 2.01 0.00	25.73 1.68 0.00	23.47 1.53 0.00	22.57 1.47 -0.05	22.27 1.40 0.00	22.25 1.42 0.00	22.37 1.48 0.00	23.96 1.65 0.00	26.35 1.91 0.01	28.00 1.71 0.38	30.65 1.96 1.42	32.89 2.16 0.99	36.00 2.31 1.81	37.61 2.51 2.29	39.29 2.60 1.45	56.02 3.36 -10.73	72.29 3.75 -21.69	78.98 4.16 -26.96	77.90 4.19 -25.56	46.93 3.86 3.42	42.02 3.47 4.25	41.08 3.13 0.71	34.41 2.69 2.36	31.15 2.06 1.70
DANC___LFGE 323619	28.04 -0.16 -0.68	23.85 -0.19 0.00	21.72 -0.22 0.00	20.82 -0.23 0.00	20.64 -0.23 0.00	20.64 -0.19 0.00	20.64 -0.25 0.00	21.98 -0.33 0.00	24.05 -0.39 0.00	26.15 -0.32 0.20	28.97 -0.39 0.76	30.82 -0.38 0.53	34.23 -0.32 0.95	35.92 -0.26 1.22	37.30 -0.11 0.73	38.45 -0.50 2.99	40.57 -0.42 5.85	41.55 0.05 6.36	42.11 0.38 6.43	44.03 0.70 3.16	41.00 0.60 2.41	36.96 0.54 2.24	33.16 0.41 1.34	30.13 0.31 0.97
DANSKAMMER___1 23586	29.65 2.12 0.00	25.87 1.83 0.00	23.52 1.58 0.00	22.68 1.60 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.35 1.46 0.00	24.01 1.69 0.00	26.25 1.81 0.01	28.27 1.95 0.34	31.02 2.20 1.29	33.08 2.25 0.90	36.48 2.59 1.61	38.01 2.69 2.08	39.66 2.71 1.19	49.24 3.27 -4.03	57.01 3.70 -6.47	59.86 4.12 -7.88	59.01 4.05 -6.81	45.39 3.02 4.11	41.63 2.66 3.83	39.01 2.55 2.20	34.21 2.25 2.13	31.38 2.12 1.54
DANSKAMMER___2 23589	29.65 2.12 0.00	25.87 1.83 0.00	23.52 1.58 0.00	22.68 1.60 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.35 1.46 0.00	24.01 1.69 0.00	26.25 1.81 0.01	28.27 1.95 0.34	31.02 2.20 1.29	33.08 2.25 0.90	36.48 2.59 1.61	38.01 2.69 2.08	39.66 2.71 1.19	49.24 3.27 -4.03	57.01 3.70 -6.47	59.86 4.12 -7.88	59.01 4.05 -6.81	45.39 3.02 4.11	41.63 2.66 3.83	39.01 2.55 2.20	34.21 2.25 2.13	31.38 2.12 1.54
DANSKAMMER___3 23590	29.65 2.12 0.00	25.87 1.83 0.00	23.52 1.58 0.00	22.68 1.60 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.35 1.46 0.00	24.01 1.69 0.00	26.25 1.81 0.01	28.27 1.95 0.34	31.02 2.20 1.29	33.08 2.25 0.90	36.48 2.59 1.61	38.01 2.69 2.08	39.66 2.71 1.19	49.24 3.27 -4.03	57.01 3.70 -6.47	59.86 4.12 -7.88	59.01 4.05 -6.81	45.39 3.02 4.11	41.63 2.66 3.83	39.01 2.55 2.20	34.21 2.25 2.13	31.38 2.12 1.54
DANSKAMMER___4 23591	29.65 2.12 0.00	25.87 1.83 0.00	23.52 1.58 0.00	22.68 1.60 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.35 1.46 0.00	24.01 1.69 0.00	26.25 1.81 0.01	28.27 1.95 0.34	31.02 2.20 1.29	33.08 2.25 0.90	36.48 2.59 1.61	38.01 2.69 2.08	39.66 2.71 1.19	49.24 3.27 -4.03	57.01 3.70 -6.47	59.86 4.12 -7.88	59.01 4.05 -6.81	45.39 3.02 4.11	41.63 2.66 3.83	39.01 2.55 2.20	34.21 2.25 2.13	31.38 2.12 1.54
DANSKAMMER___DIESEL 23592	29.68 2.15 0.00	25.87 1.83 0.00	23.58 1.65 0.00	22.68 1.60 -0.04	22.21 1.34 0.00	22.20 1.37 0.00	22.35 1.46 0.00	24.01 1.70 0.00	26.25 1.81 0.01	28.30 1.97 0.34	31.05 2.23 1.29	33.11 2.28 0.90	36.52 2.63 1.61	38.01 2.69 2.08	39.70 2.75 1.19	49.28 3.31 -4.03	56.97 3.65 -6.47	60.04 4.31 -7.87	59.01 4.05 -6.81	45.49 3.11 4.11	41.72 2.74 3.83	39.05 2.59 2.20	34.21 2.25 2.13	31.38 2.12 1.54
DARBY___SOLAR 323810	29.49 1.95 0.00	25.68 1.64 0.00	23.41 1.47 0.00	22.53 1.43 -0.05	22.23 1.36 0.00	22.20 1.37 0.00	22.33 1.44 0.00	23.92 1.61 0.00	26.30 1.86 0.01	28.00 1.71 0.38	30.65 1.96 1.42	32.86 2.13 0.99	35.97 2.27 1.81	37.58 2.47 2.28	39.25 2.56 1.45	55.72 3.27 -10.52	71.79 3.61 -21.34	78.41 4.02 -26.53	77.36 4.05 -25.16	46.69 3.63 3.43	41.86 3.30 4.24	40.90 2.98 0.74	34.31 2.59 2.36	31.09 2.00 1.70
DASHVILLE___HYD 23610	29.29 1.76 0.00	25.56 1.51 0.00	23.30 1.36 0.00	22.43 1.35 -0.04	21.94 1.06 0.00	21.93 1.10 0.00	22.06 1.17 0.00	23.65 1.34 0.00	25.81 1.37 0.01	27.82 1.49 0.35	30.47 1.66 1.30	32.47 1.65 0.91	35.75 1.88 1.63	37.21 1.91 2.10	39.36 2.44 1.23	48.36 2.22 -4.20	56.58 2.44 -7.30	59.86 3.02 -8.98	58.87 2.74 -7.97	44.24 1.81 4.06	40.66 1.71 3.86	38.12 1.55 2.09	33.50 1.57 2.15	30.81 1.57 1.55

DEERFIELD_69_KV_DEERFIELD LD 355887	34.87 4.29 -3.04	34.22 3.77 -6.40	31.87 3.40 -6.54	29.85 3.18 -5.62	27.71 2.96 -3.87	27.81 3.04 -3.94	29.28 3.24 -5.16	29.81 3.66 -3.84	34.36 4.16 -5.76	35.54 4.69 -4.17	34.49 5.09 0.72	38.91 5.30 -1.89	46.27 5.86 -4.91	45.87 6.28 -2.19	48.00 6.29 -3.57	52.97 6.67 -4.36	94.46 7.21 -40.40	128.67 7.99 -72.81	124.14 7.42 -68.57	93.98 6.51 -40.98	45.11 6.12 3.82	41.95 5.49 2.20	41.87 4.53 -3.25	38.65 4.65 -3.21
DELAWARE___LFGE 323621	28.77 1.13 -0.11	25.03 0.99 0.00	22.81 0.88 0.00	21.92 0.86 -0.01	21.60 0.73 0.00	21.62 0.79 0.00	21.70 0.81 0.00	23.45 1.14 0.00	25.74 1.30 0.01	27.66 1.41 0.43	30.14 1.63 1.61	32.32 1.71 1.12	35.40 1.92 2.02	36.83 2.02 2.58	38.70 2.10 1.54	45.22 2.26 -1.02	50.98 2.58 -1.56	52.35 2.78 -1.72	51.71 2.55 -1.00	43.44 2.18 5.23	40.18 1.93 4.56	37.31 1.78 3.13	33.09 1.53 2.53	30.35 1.39 1.83
DERFIELD_115KV_TB7 355931	27.64 0.11 0.00	24.14 0.10 0.00	22.02 0.09 0.00	21.15 0.11 0.00	20.93 0.06 0.00	20.89 0.06 0.00	20.99 0.10 0.00	22.47 0.16 0.00	24.61 0.17 0.01	26.22 0.16 0.61	28.03 0.21 2.30	30.38 0.25 1.60	32.90 0.28 2.88	34.01 0.30 3.69	36.29 0.34 2.20	38.21 0.46 4.18	38.88 0.52 8.48	39.64 0.91 9.13	39.16 0.72 9.72	38.29 0.46 8.66	36.20 0.39 6.99	33.26 0.35 5.75	30.50 0.31 3.89	28.26 0.28 2.80
DOGLEVILLE___HYD 23807	28.00 0.47 0.00	24.45 0.41 0.00	22.31 0.37 0.00	21.43 0.38 0.00	21.14 0.27 0.00	21.25 0.42 0.00	21.27 0.38 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.60 0.53 0.61	28.52 0.69 2.30	30.86 0.73 1.60	33.51 0.89 2.88	34.64 0.94 3.69	36.94 0.99 2.20	38.89 1.13 4.18	39.73 1.36 8.48	40.31 1.58 9.13	39.97 1.54 9.72	39.13 1.30 8.66	36.84 1.03 6.99	33.73 0.81 5.75	30.84 0.65 3.89	28.57 0.58 2.80
DUNKIRK___115KV_TB_200 55889	27.86 0.33 0.00	24.43 0.38 0.00	22.31 0.37 0.00	21.12 0.06 -0.01	20.73 -0.15 0.00	20.66 -0.17 0.00	20.95 0.06 0.00	22.80 0.49 0.00	25.10 0.66 0.01	26.95 0.77 0.50	29.09 0.84 1.87	31.50 1.08 1.30	34.04 0.89 2.35	35.40 1.01 3.01	37.34 0.99 1.79	40.28 0.59 2.24	42.71 0.56 4.70	44.27 1.77 5.36	43.16 0.91 5.91	39.63 -0.09 6.76	37.22 -0.04 5.54	34.02 -0.23 4.40	30.97 -0.03 3.08	28.90 0.34 2.22
DUNKIRK___1 23563	27.86 0.33 0.00	24.43 0.38 0.00	22.31 0.37 0.00	21.12 0.06 -0.01	20.73 -0.15 0.00	20.66 -0.17 0.00	20.95 0.06 0.00	22.80 0.49 0.00	25.10 0.66 0.01	26.95 0.77 0.50	29.09 0.84 1.87	31.50 1.08 1.30	34.04 0.89 2.35	35.40 1.01 3.01	37.34 0.99 1.79	40.28 0.59 2.24	42.71 0.56 4.70	44.27 1.77 5.36	43.16 0.91 5.91	39.63 -0.09 6.76	37.22 -0.04 5.54	34.02 -0.23 4.40	30.97 -0.03 3.08	28.90 0.34 2.22
DUNKIRK___2 23564	27.86 0.33 0.00	24.43 0.38 0.00	22.31 0.37 0.00	21.12 0.06 -0.01	20.73 -0.15 0.00	20.66 -0.17 0.00	20.95 0.06 0.00	22.80 0.49 0.00	25.10 0.66 0.01	26.95 0.77 0.50	29.09 0.84 1.87	31.50 1.08 1.30	34.04 0.89 2.35	35.40 1.01 3.01	37.34 0.99 1.79	40.28 0.59 2.24	42.71 0.56 4.70	44.27 1.77 5.36	43.16 0.91 5.91	39.63 -0.09 6.76	37.22 -0.04 5.54	34.02 -0.23 4.40	30.97 -0.03 3.08	28.90 0.34 2.22
DUNKIRK___3 23565	27.67 0.14 0.00	24.26 0.22 0.00	22.16 0.22 0.00	20.99 -0.06 -0.01	20.62 -0.25 0.00	20.56 -0.27 0.00	20.85 -0.04 0.00	22.65 0.33 0.00	24.90 0.46 0.01	26.74 0.56 0.50	28.82 0.57 1.87	31.21 0.79 1.30	33.72 0.57 2.35	35.02 0.64 3.01	37.00 0.65 1.79	39.90 0.21 2.25	42.23 0.09 4.71	43.83 1.34 5.37	42.67 0.43 5.92	39.25 -0.46 6.77	36.87 -0.39 5.55	33.75 -0.50 4.41	30.73 -0.27 3.08	28.72 0.15 2.23
DUNKIRK___4 23566	27.67 0.14 0.00	24.26 0.22 0.00	22.16 0.22 0.00	20.99 -0.06 -0.01	20.62 -0.25 0.00	20.56 -0.27 0.00	20.85 -0.04 0.00	22.65 0.33 0.00	24.90 0.46 0.01	26.74 0.56 0.50	28.82 0.57 1.87	31.21 0.79 1.30	33.72 0.57 2.35	35.02 0.64 3.01	37.00 0.65 1.79	39.90 0.21 2.25	42.23 0.09 4.71	43.83 1.34 5.37	42.67 0.43 5.92	39.25 -0.46 6.77	36.87 -0.39 5.55	33.75 -0.50 4.41	30.73 -0.27 3.08	28.72 0.15 2.23
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.76 2.23 0.00	25.99 1.95 0.00	23.69 1.75 0.00	22.79 1.70 -0.04	22.35 1.48 0.00	22.35 1.52 0.00	22.56 1.67 0.00	24.28 1.96 0.00	26.64 2.20 0.01	28.78 2.45 0.34	31.57 2.74 1.29	33.58 2.76 0.90	36.84 2.95 1.61	38.35 3.03 2.08	40.02 3.05 1.17	49.93 3.65 -4.35	57.54 3.94 -6.76	60.49 4.45 -8.18	59.38 4.19 -7.03	45.58 3.21 4.12	41.85 2.87 3.83	39.16 2.71 2.21	34.41 2.45 2.13	31.63 2.37 1.53
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.40 1.87 0.00	25.68 1.63 0.00	23.41 1.47 0.00	22.52 1.43 -0.04	22.06 1.19 0.00	22.06 1.23 0.00	22.23 1.34 0.00	23.87 1.56 0.00	26.13 1.69 0.01	28.17 1.84 0.34	30.89 2.05 1.28	32.89 2.06 0.89	36.21 2.31 1.60	37.73 2.39 2.06	39.37 2.40 1.18	48.68 2.89 -3.85	56.16 3.19 -6.13	59.10 3.78 -7.45	58.09 3.52 -6.42	45.05 2.65 4.09	41.33 2.31 3.79	38.70 2.24 2.21	33.95 1.98 2.11	31.15 1.88 1.52
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.13 2.59 -0.01	26.31 2.26 -0.01	23.96 2.02 -0.01	23.03 1.94 -0.04	22.59 1.71 -0.01	22.59 1.75 -0.01	22.80 1.90 -0.01	24.57 2.25 0.00	26.96 2.52 0.01	29.11 2.77 0.33	31.79 2.95 1.29	33.91 3.08 0.89	37.09 3.19 1.61	38.76 3.44 2.07	40.41 3.43 1.16	50.06 3.77 -4.35	57.78 4.17 -6.76	60.73 4.69 -8.18	59.52 4.33 -7.03	45.11 2.74 4.12	41.68 2.70 3.83	39.24 2.78 2.21	34.62 2.66 2.12	32.06 2.80 1.53
E179THST_13_KV_LOAD 356214	30.32 2.78 -0.01	26.48 2.43 -0.01	24.09 2.15 -0.01	23.16 2.06 -0.04	22.70 1.82 -0.01	22.69 1.85 -0.01	22.92 2.03 -0.01	24.70 2.39 0.00	27.11 2.66 0.01	29.30 2.96 0.33	31.97 3.13 1.29	34.13 3.30 0.89	37.30 3.41 1.61	39.03 3.70 2.07	40.68 3.70 1.16	50.40 4.11 -4.35	58.10 4.50 -6.76	61.07 5.03 -8.18	59.86 4.67 -7.03	45.43 3.07 4.12	41.98 3.00 3.83	39.47 3.02 2.21	34.86 2.90 2.12	32.25 2.99 1.53
EAST HAMPTON___GT 23717	35.56 4.98 -3.04	34.75 4.30 -6.40	32.31 3.84 -6.54	30.29 3.62 -5.62	28.19 3.44 -3.87	28.29 3.52 -3.94	29.72 3.68 -5.16	30.30 4.15 -3.84	34.95 4.74 -5.76	36.24 5.39 -4.17	35.34 5.93 0.72	41.45 6.25 -3.47	47.33 6.92 -4.91	47.03 7.44 -2.19	49.19 7.48 -3.57	54.48 8.18 -4.36	96.06 8.80 -40.41	130.27 9.57 -72.83	125.90 9.15 -68.59	95.57 8.09 -40.99	46.36 7.37 3.82	43.07 6.61 2.20	42.89 5.56 -3.25	39.48 5.48 -3.21
EAST RIVER___6 23660	29.79 2.26 0.00	26.04 1.99 0.00	23.69 1.76 0.00	22.83 1.75 -0.04	22.46 1.59 0.00	22.43 1.60 0.00	22.62 1.73 0.00	24.34 2.03 0.00	26.67 2.22 0.01	28.81 2.48 0.34	31.59 2.77 1.29	33.58 2.76 0.90	36.81 2.91 1.61	38.34 3.03 2.08	40.02 3.05 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.50 4.45 -8.18	59.48 4.28 -7.04	45.25 2.88 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.48 2.52 2.13	31.75 2.49 1.53

EAST_RIVER___7 23524	29.79 2.26 0.00	26.04 1.99 0.00	23.69 1.76 0.00	22.83 1.75 -0.04	22.46 1.59 0.00	22.43 1.60 0.00	22.62 1.73 0.00	24.34 2.03 0.00	26.67 2.22 0.01	28.81 2.48 0.34	31.59 2.77 1.29	33.58 2.76 0.90	36.81 2.91 1.61	38.34 3.03 2.08	40.02 3.05 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.50 4.45 -8.18	59.48 4.28 -7.04	45.25 2.88 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.48 2.52 2.13	31.75 2.49 1.53
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.65 2.12 0.00	25.92 1.88 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.29 1.42 0.00	22.31 1.48 0.00	22.50 1.61 0.00	24.21 1.90 0.00	26.57 2.13 0.01	28.68 2.35 0.34	31.45 2.62 1.29	33.46 2.63 0.90	36.73 2.84 1.61	38.23 2.92 2.08	39.91 2.94 1.17	49.75 3.48 -4.33	57.37 3.79 -6.73	60.31 4.31 -8.14	59.20 4.05 -7.00	45.49 3.11 4.11	41.72 2.74 3.82	39.08 2.63 2.21	34.31 2.35 2.13	31.53 2.28 1.53
EAST_HAMPTON___DIESEL 23722	35.58 5.01 -3.04	34.77 4.33 -6.40	32.31 3.84 -6.54	30.31 3.64 -5.62	28.19 3.44 -3.87	28.29 3.52 -3.94	29.72 3.68 -5.16	30.30 4.15 -3.84	34.97 4.77 -5.76	36.24 5.39 -4.17	35.37 5.96 0.72	41.48 6.28 -3.47	47.37 6.96 -4.91	47.07 7.48 -2.19	49.19 7.48 -3.57	54.52 8.22 -4.36	96.06 8.80 -40.41	130.27 9.58 -72.83	125.94 9.20 -68.59	95.61 8.13 -40.99	46.36 7.37 3.82	43.07 6.61 2.20	42.93 5.59 -3.25	39.51 5.51 -3.21
EAST_PULASKI___ESR 323781	28.16 -0.33 -0.96	23.73 -0.31 0.00	21.63 -0.31 0.00	20.74 -0.32 0.00	20.52 -0.35 0.00	20.50 -0.33 0.00	20.58 -0.31 0.00	21.91 -0.40 0.00	23.96 -0.49 0.00	26.12 -0.45 0.10	29.23 -0.51 0.38	30.98 -0.48 0.27	34.56 -0.46 0.48	36.33 -0.45 0.61	37.40 -0.38 0.36	38.23 -0.67 3.03	40.25 -0.75 5.84	41.39 -0.10 6.38	41.78 -0.10 6.28	44.56 -0.14 1.78	41.45 -0.13 1.23	37.19 -0.08 1.40	33.43 0.03 0.69	30.29 0.00 0.50
EAST_RIVER___1 323558	29.90 2.37 0.00	26.11 2.07 0.00	23.74 1.80 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.47 1.65 0.00	22.66 1.77 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.14 3.16 1.17	50.02 3.73 -4.35	57.68 4.07 -6.76	60.55 4.50 -8.18	59.53 4.34 -7.04	45.44 3.07 4.12	41.85 2.87 3.83	39.24 2.79 2.21	34.58 2.62 2.13	31.84 2.59 1.53
EAST_RIVER___2 323559	29.79 2.26 0.00	26.04 1.99 0.00	23.69 1.76 0.00	22.83 1.75 -0.04	22.46 1.59 0.00	22.43 1.60 0.00	22.62 1.73 0.00	24.34 2.03 0.00	26.67 2.22 0.01	28.81 2.48 0.34	31.59 2.77 1.29	33.58 2.76 0.90	36.81 2.91 1.61	38.34 3.03 2.08	40.02 3.05 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.50 4.45 -8.18	59.48 4.28 -7.04	45.25 2.88 4.12	41.72 2.74 3.83	39.12 2.67 2.21	34.48 2.52 2.13	31.75 2.49 1.53
EAST___DELAWARE_HYD 23607	29.46 1.93 0.00	25.68 1.64 0.00	23.32 1.38 0.00	22.47 1.39 -0.03	22.02 1.15 0.00	22.04 1.21 0.00	22.10 1.21 0.00	23.76 1.45 0.00	25.93 1.49 0.01	27.97 1.63 0.33	30.67 1.81 1.25	32.72 1.87 0.87	36.10 2.17 1.56	37.63 2.24 2.01	39.26 2.29 1.17	48.00 2.81 -3.25	55.40 3.23 -5.33	58.07 3.69 -6.53	57.38 3.61 -5.61	45.08 2.60 4.01	41.42 2.31 3.70	38.72 2.24 2.18	34.01 1.98 2.05	31.19 1.88 1.48
EIGHT_POINT___WT_PWR 323820	28.42 0.77 -0.12	24.79 0.75 0.00	22.72 0.79 0.00	21.41 0.36 -0.01	21.20 0.33 0.00	21.27 0.44 0.00	21.28 0.40 0.00	23.23 0.92 0.00	25.51 1.07 0.01	27.49 1.28 0.46	29.75 1.39 1.76	31.99 1.49 1.22	34.75 1.46 2.20	36.18 1.61 2.82	38.14 1.68 1.68	41.28 1.22 1.87	44.28 1.40 3.97	45.32 2.30 4.84	44.99 2.17 5.34	41.87 1.53 6.15	39.05 1.28 5.04	35.51 0.85 4.00	32.20 0.92 2.80	29.75 0.99 2.02
ELBRIDGE_115KV_TB2 80188	28.07 -0.11 -0.65	23.92 -0.12 0.00	21.80 -0.13 0.00	20.91 -0.15 0.00	20.68 -0.19 0.00	20.66 -0.17 0.00	20.76 -0.13 0.00	22.09 -0.22 0.00	24.17 -0.27 0.00	26.20 -0.24 0.23	29.03 -0.21 0.88	30.95 -0.16 0.61	34.29 -0.11 1.10	35.91 -0.07 1.41	37.27 -0.04 0.84	38.96 -0.04 2.93	40.97 -0.09 5.78	42.48 0.77 6.15	42.46 0.58 6.28	43.19 0.28 3.57	40.25 0.21 2.77	36.33 0.15 2.48	32.68 0.14 1.54	29.83 0.15 1.11
ELEC_TRO_TEK 24086	33.19 2.62 -3.04	32.73 2.28 -6.40	30.56 2.08 -6.54	28.69 2.02 -5.62	26.54 1.79 -3.87	26.60 1.83 -3.94	28.03 1.98 -5.16	28.45 2.30 -3.84	32.77 2.57 -5.76	33.65 2.80 -4.17	32.03 3.04 1.13	35.67 3.05 -0.90	37.20 3.30 1.61	43.02 3.44 -2.18	44.79 3.43 -3.22	49.98 3.69 -4.35	57.55 3.94 -6.76	60.54 4.50 -8.18	59.09 3.90 -7.04	45.53 3.16 4.12	42.06 3.08 3.83	39.31 2.86 2.21	34.38 2.42 2.13	31.90 2.65 1.54
ELLENBURG_WT_PWR 323604	27.67 0.14 0.00	24.16 0.12 0.00	21.98 0.04 0.00	21.01 -0.04 0.00	20.96 0.08 0.00	21.02 0.19 0.00	21.04 0.15 0.00	22.47 0.16 0.00	24.69 0.24 0.00	26.94 0.40 0.13	30.04 0.42 0.50	31.92 0.54 0.35	35.59 0.71 0.62	37.27 0.67 0.80	38.32 0.65 0.47	41.24 0.30 0.99	45.28 0.42 1.99	45.55 0.24 2.55	45.70 0.24 2.70	44.67 0.46 2.28	41.61 0.64 1.84	37.57 0.43 1.52	33.27 0.21 1.02	30.15 0.09 0.74
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.31 -0.22 0.00	23.97 -0.07 0.00	21.87 -0.07 0.00	20.76 -0.29 -0.01	20.41 -0.46 0.00	20.37 -0.46 0.00	20.64 -0.25 0.00	22.31 0.00 0.00	24.46 0.02 0.01	26.20 0.03 0.50	28.17 -0.06 1.89	30.57 0.16 1.31	32.99 -0.14 2.37	34.25 -0.11 3.04	36.22 -0.11 1.81	39.14 -0.46 2.34	41.26 -0.70 4.88	42.79 0.43 5.50	41.86 -0.24 6.05	38.54 -1.07 6.88	36.32 -0.86 5.63	33.22 -0.97 4.48	30.37 -0.58 3.13	28.47 -0.06 2.26
EMPIRE_CC_1 323656	28.49 0.96 0.00	24.86 0.82 0.00	22.72 0.79 0.00	22.00 0.90 -0.04	21.69 0.81 0.00	21.66 0.83 0.00	21.77 0.88 0.00	23.18 0.87 0.00	25.39 0.95 0.01	27.27 0.96 0.36	29.82 1.05 1.35	31.83 1.05 0.94	34.84 1.06 1.73	36.35 1.12 2.17	37.86 1.14 1.43	46.02 1.47 -2.62	55.63 1.59 -7.19	59.08 1.86 -9.35	58.92 1.83 -8.93	43.81 1.35 4.03	39.98 1.20 4.02	37.94 1.16 1.87	32.94 1.09 2.23	30.10 0.92 1.61
EMPIRE_CC_2 323658	28.49 0.96 0.00	24.86 0.82 0.00	22.72 0.79 0.00	22.00 0.90 -0.04	21.69 0.81 0.00	21.66 0.83 0.00	21.77 0.88 0.00	23.18 0.87 0.00	25.39 0.95 0.01	27.27 0.96 0.36	29.82 1.05 1.35	31.83 1.05 0.94	34.84 1.06 1.73	36.35 1.12 2.17	37.86 1.14 1.43	46.02 1.47 -2.62	55.63 1.59 -7.19	59.08 1.86 -9.35	58.92 1.83 -8.93	43.81 1.35 4.03	39.98 1.20 4.02	37.94 1.16 1.87	32.94 1.09 2.23	30.10 0.92 1.61
ENORWICH_115KV_TB1 80156	30.09 2.31 -0.25	26.02 1.97 0.00	23.60 1.67 0.00	22.64 1.58 -0.01	22.21 1.34 0.00	22.27 1.44 0.00	22.35 1.46 0.00	24.52 2.21 0.00	26.84 2.40 0.01	28.84 2.59 0.42	31.61 3.07 1.58	33.96 3.33 1.10	37.57 4.05 1.98	39.16 4.30 2.53	41.14 4.50 1.51	46.08 4.70 0.55	51.19 5.76 1.42	51.03 5.50 2.33	50.91 5.59 2.83	46.92 5.53 5.10	43.47 4.92 4.26	39.71 4.29 3.24	35.33 3.61 2.37	32.25 3.17 1.71

ERIE_ST__34_KV_TB1-2 80199	27.50 -0.03 0.00	24.12 0.07 0.00	22.05 0.11 0.00	20.87 -0.19 -0.01	20.52 -0.35 0.00	20.50 -0.33 0.00	20.76 -0.13 0.00	22.56 0.25 0.00	24.78 0.34 0.01	26.57 0.40 0.50	28.66 0.42 1.88	31.08 0.67 1.31	33.57 0.43 2.35	34.90 0.52 3.02	36.84 0.50 1.80	39.33 -0.34 2.27	41.58 -0.52 4.75	43.70 1.24 5.41	42.01 -0.19 5.95	38.57 -1.12 6.80	36.30 -0.94 5.57	33.19 -1.04 4.43	30.27 -0.72 3.10	28.31 -0.25 2.23
ERIE_WT_PWR 323693	27.53 0.00 0.00	24.19 0.15 0.00	22.27 0.33 0.00	20.91 -0.15 -0.01	20.73 -0.15 0.00	20.77 -0.06 0.00	20.76 -0.12 0.00	22.45 0.13 0.00	24.66 0.22 0.01	26.57 0.40 0.50	28.60 0.36 1.88	30.83 0.41 1.31	33.28 0.14 2.36	34.64 0.26 3.02	36.65 0.30 1.80	39.35 -0.29 2.30	41.62 -0.42 4.80	42.95 0.53 5.44	42.41 0.24 5.99	39.29 -0.37 6.82	36.83 -0.39 5.59	33.48 -0.74 4.44	30.60 -0.37 3.11	28.58 0.03 2.24
ESPRGFLD_115KV_TB1 80157	29.21 1.68 0.00	25.49 1.44 0.00	23.19 1.25 0.00	22.24 1.20 0.01	22.00 1.13 0.00	21.95 1.12 0.00	22.00 1.11 0.00	23.81 1.49 0.00	26.15 1.71 0.01	28.14 1.87 0.40	30.75 2.14 1.51	33.05 2.38 1.05	36.26 2.66 1.91	37.81 2.84 2.43	39.67 3.01 1.48	52.74 3.40 -7.41	65.24 3.98 -14.41	69.92 4.31 -17.74	68.86 4.19 -16.52	46.28 3.95 4.16	41.95 3.55 4.41	40.24 3.25 1.67	34.36 2.73 2.45	31.30 2.28 1.77
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.56 0.69 -0.34	24.64 0.60 0.00	22.44 0.50 0.00	21.46 0.40 -0.01	21.18 0.31 0.00	21.20 0.37 0.00	21.31 0.42 0.00	23.41 1.09 0.00	25.64 1.20 0.01	27.58 1.31 0.40	30.12 1.51 1.51	32.35 1.68 1.05	35.52 1.92 1.89	36.99 2.02 2.43	38.80 2.10 1.44	42.62 2.14 1.46	46.16 2.44 3.12	45.75 2.35 4.46	45.54 2.22 4.83	43.42 1.86 4.92	40.47 1.67 4.01	36.86 1.43 3.23	33.08 1.23 2.23	30.32 1.14 1.61
ETNA____115KV_TB2 80207	28.56 0.69 -0.34	24.64 0.60 0.00	22.44 0.50 0.00	21.46 0.40 -0.01	21.18 0.31 0.00	21.20 0.37 0.00	21.31 0.42 0.00	23.41 1.09 0.00	25.64 1.20 0.01	27.58 1.31 0.40	30.12 1.51 1.51	32.35 1.68 1.05	35.52 1.92 1.89	36.99 2.02 2.43	38.80 2.10 1.44	42.62 2.14 1.46	46.16 2.44 3.12	45.75 2.35 4.46	45.54 2.22 4.83	43.42 1.86 4.92	40.47 1.67 4.01	36.86 1.43 3.23	33.08 1.23 2.23	30.32 1.14 1.61
EUCLID____115KV_TB2 356179	27.45 -0.36 -0.28	23.73 -0.31 0.00	21.65 -0.29 0.00	20.74 -0.32 0.00	20.50 -0.38 0.00	20.50 -0.33 0.00	20.60 -0.29 0.00	21.91 -0.40 0.00	24.00 -0.44 0.01	25.84 -0.45 0.38	28.21 -0.48 1.43	30.25 -0.48 1.00	33.24 -0.46 1.80	34.65 -0.45 2.30	36.36 -0.42 1.37	38.37 -0.42 3.15	40.02 -0.52 6.31	41.46 0.19 6.60	41.26 0.05 6.95	40.62 -0.23 5.64	38.07 -0.21 4.52	34.66 -0.23 3.77	31.37 -0.20 2.51	28.82 -0.15 1.81
E_CANADA_CAP_HY 24051	29.62 2.09 0.00	25.80 1.75 0.00	23.47 1.53 0.00	22.56 1.45 -0.06	22.33 1.46 0.00	22.25 1.42 0.00	22.21 1.32 0.00	23.99 1.67 0.00	26.32 1.88 0.01	28.31 2.03 0.39	30.96 2.32 1.48	33.26 2.57 1.03	36.44 2.80 1.87	38.05 3.03 2.37	39.88 3.20 1.46	55.50 3.86 -9.71	70.43 4.54 -19.04	76.36 4.98 -23.52	75.37 5.10 -22.11	47.51 4.79 3.77	42.82 4.37 4.36	41.62 4.10 1.14	35.10 3.44 2.42	31.75 2.71 1.75
E_CANADA_MHWK_HY 24050	28.00 0.47 0.00	24.45 0.41 0.00	22.31 0.37 0.00	21.43 0.38 0.00	21.14 0.27 0.00	21.25 0.42 0.00	21.27 0.38 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.60 0.53 0.61	28.52 0.69 2.30	30.86 0.73 1.60	33.51 0.89 2.88	34.64 0.94 3.69	36.94 0.99 2.20	38.89 1.13 4.18	39.73 1.36 8.48	40.31 1.58 9.13	39.97 1.54 9.72	39.13 1.30 8.66	36.84 1.03 6.99	33.73 0.81 5.75	30.84 0.65 3.89	28.57 0.58 2.80
E_FISHKILL____LBMP 23776	29.35 1.82 0.00	25.63 1.59 0.00	23.41 1.47 0.00	22.52 1.43 -0.04	22.10 1.23 0.00	22.10 1.27 0.00	22.29 1.40 0.00	23.94 1.63 0.00	26.25 1.81 0.01	28.27 1.95 0.34	31.02 2.20 1.30	33.01 2.19 0.91	36.23 2.34 1.62	37.70 2.39 2.09	39.37 2.40 1.18	49.34 2.89 -4.52	57.02 3.14 -7.03	60.00 3.64 -8.50	58.86 3.37 -7.33	44.96 2.60 4.13	41.26 2.31 3.86	38.66 2.20 2.20	33.92 1.98 2.14	31.12 1.88 1.55
FALCON____SEABRD_CC1 323796	28.00 0.47 0.00	24.48 0.43 0.00	22.24 0.31 0.00	21.22 0.17 0.00	21.20 0.33 0.00	21.25 0.42 0.00	21.27 0.38 0.00	22.71 0.40 0.00	24.98 0.54 0.00	27.26 0.72 0.13	30.37 0.75 0.50	32.26 0.89 0.35	36.01 1.14 0.63	37.71 1.12 0.80	38.77 1.11 0.48	41.65 0.71 0.99	45.78 0.94 2.00	46.06 0.76 2.57	46.26 0.82 2.71	45.17 0.98 2.29	42.12 1.16 1.84	37.98 0.85 1.53	33.64 0.58 1.02	30.48 0.43 0.74
FALCON____SEABRD_CC2 323797	28.00 0.47 0.00	24.48 0.43 0.00	22.24 0.31 0.00	21.22 0.17 0.00	21.20 0.33 0.00	21.25 0.42 0.00	21.27 0.38 0.00	22.71 0.40 0.00	24.98 0.54 0.00	27.26 0.72 0.13	30.37 0.75 0.50	32.26 0.89 0.35	36.01 1.14 0.63	37.71 1.12 0.80	38.77 1.11 0.48	41.65 0.71 0.99	45.78 0.94 2.00	46.06 0.76 2.57	46.26 0.82 2.71	45.17 0.98 2.29	42.12 1.16 1.84	37.98 0.85 1.53	33.64 0.58 1.02	30.48 0.43 0.74
FAR ROCKAWAY____4 23548	33.74 3.17 -3.04	33.23 2.79 -6.40	31.00 2.52 -6.54	29.11 2.44 -5.62	26.92 2.17 -3.87	27.02 2.25 -3.94	28.43 2.38 -5.16	28.90 2.74 -3.84	33.26 3.06 -5.76	34.21 3.36 -4.17	32.72 3.73 1.13	36.52 3.90 -0.90	38.19 4.30 1.61	43.92 4.34 -2.18	45.75 4.39 -3.22	51.03 4.74 -4.35	58.67 5.06 -6.76	61.69 5.65 -8.18	60.20 5.01 -7.04	46.60 4.23 4.12	43.05 4.07 3.83	40.36 3.90 2.21	35.16 3.20 2.13	32.61 3.36 1.54
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.95 2.42 0.00	26.16 2.12 0.00	23.82 1.89 0.00	22.92 1.83 -0.04	22.46 1.59 0.00	22.47 1.65 0.00	22.69 1.80 0.00	24.43 2.12 0.00	26.84 2.40 0.01	29.00 2.67 0.34	31.81 2.98 1.29	33.81 2.98 0.90	37.02 3.12 1.61	38.57 3.25 2.08	40.25 3.28 1.17	50.14 3.86 -4.35	57.82 4.22 -6.76	60.78 4.74 -8.18	59.62 4.43 -7.03	45.62 3.25 4.12	41.98 3.00 3.83	39.31 2.86 2.21	34.62 2.66 2.13	31.87 2.62 1.53
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.95 2.42 0.00	26.16 2.12 0.00	23.84 1.91 0.00	22.92 1.83 -0.04	22.48 1.61 0.00	22.47 1.65 0.00	22.71 1.82 0.00	24.43 2.12 0.00	26.84 2.40 0.01	29.00 2.67 0.34	31.81 2.98 1.29	33.84 3.01 0.90	37.02 3.12 1.61	38.57 3.25 2.08	40.25 3.28 1.17	50.14 3.86 -4.35	57.82 4.22 -6.76	60.78 4.74 -8.18	59.62 4.43 -7.03	45.67 3.30 4.12	41.98 3.00 3.83	39.31 2.86 2.21	34.62 2.66 2.13	31.90 2.65 1.53
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.93 2.40 0.00	26.14 2.09 0.00	23.82 1.89 0.00	22.90 1.81 -0.04	22.46 1.59 0.00	22.45 1.62 0.00	22.69 1.80 0.00	24.41 2.10 0.00	26.81 2.37 0.01	28.97 2.64 0.34	31.78 2.95 1.29	33.77 2.95 0.90	36.98 3.09 1.61	38.53 3.22 2.08	40.21 3.24 1.17	50.10 3.82 -4.35	57.73 4.12 -6.76	60.73 4.69 -8.18	59.57 4.38 -7.03	45.58 3.21 4.12	41.93 2.95 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.87 2.62 1.53

FARRAGUT___LBMP 323566	29.90 2.37 0.00	26.11 2.07 0.00	23.80 1.86 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.45 1.62 0.00	22.66 1.78 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.94 2.61 0.34	31.75 2.92 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.50 3.18 2.08	40.18 3.20 1.17	50.06 3.77 -4.35	57.68 4.08 -6.76	60.68 4.64 -8.18	59.52 4.33 -7.03	45.58 3.21 4.12	41.89 2.91 3.83	39.24 2.78 2.21	34.55 2.59 2.13	31.84 2.59 1.53
FENNER___WINDPWR 24204	28.40 0.60 -0.26	24.55 0.51 0.00	22.37 0.44 0.00	21.43 0.38 0.00	21.19 0.31 0.00	21.22 0.39 0.00	21.24 0.35 0.00	22.96 0.65 0.00	25.15 0.71 0.01	27.07 0.83 0.43	29.47 0.99 1.64	31.66 1.08 1.14	34.76 1.31 2.06	36.22 1.46 2.63	38.14 1.56 1.57	40.90 1.63 2.67	43.31 1.92 5.46	43.41 1.92 6.37	43.36 1.98 6.77	42.39 1.81 5.91	39.63 1.58 4.76	36.05 1.32 3.93	32.56 1.12 2.65	29.83 0.96 1.91
FIBERTEK___ENERGY 23856	28.11 -0.03 -0.61	24.00 -0.05 0.00	21.89 -0.04 0.00	20.97 -0.08 0.00	20.73 -0.15 0.00	20.72 -0.10 0.00	20.83 -0.06 0.00	22.18 -0.13 0.00	24.27 -0.17 0.01	26.29 -0.13 0.25	29.12 -0.06 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.62 1.01 6.25	42.57 0.82 6.40	43.19 0.51 3.81	40.26 0.43 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
FITZPATRICK____ 23598	23.38 -0.80 3.35	23.35 -0.70 0.00	21.34 -0.59 0.00	20.44 -0.61 0.00	20.25 -0.63 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.04	24.14 -0.83 1.71	22.76 -0.90 6.45	26.31 -0.92 4.49	26.41 -0.99 8.09	25.98 -1.05 10.36	30.95 -1.03 6.17	37.65 -1.13 3.15	38.09 -1.26 7.50	40.36 -0.86 6.64	38.14 -0.82 9.20	21.45 -0.98 24.06	21.58 -0.94 20.29	22.66 -0.93 15.07	22.06 -0.75 11.27	21.98 -0.68 8.14
FLOWRFLD_69_KV_BK1 356044	33.96 3.39 -3.04	33.42 2.98 -6.40	31.15 2.68 -6.54	29.20 2.53 -5.62	27.10 2.36 -3.87	27.14 2.37 -3.94	28.59 2.55 -5.16	29.03 2.88 -3.84	33.41 3.20 -5.76	34.39 3.55 -4.17	33.19 3.70 0.64	37.07 3.62 -1.73	43.24 4.01 -3.73	43.63 4.04 -2.20	45.87 4.04 -3.69	50.54 4.24 -4.37	102.84 4.50 -51.50	147.11 5.12 -94.12	141.55 4.53 -88.86	106.16 3.81 -55.86	42.72 3.72 3.81	39.95 3.48 2.19	42.14 3.03 -5.03	38.17 3.39 -3.99
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.73 2.20 0.00	25.92 1.88 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.39 1.50 0.00	24.05 1.74 0.00	26.28 1.83 0.01	28.33 2.00 0.34	31.08 2.26 1.30	33.14 2.32 0.90	36.59 2.70 1.61	38.12 2.80 2.08	39.78 2.82 1.19	49.40 3.40 -4.07	57.16 3.79 -6.52	60.20 4.40 -7.93	59.21 4.19 -6.86	45.58 3.21 4.12	41.80 2.83 3.83	39.13 2.67 2.20	34.27 2.32 2.13	31.44 2.19 1.54
FORT ORANGE____ 23900	28.60 1.07 0.00	24.91 0.86 0.00	22.72 0.79 0.00	21.94 0.84 -0.05	21.62 0.75 0.00	21.60 0.77 0.00	21.70 0.81 0.00	23.18 0.87 0.00	25.39 0.95 0.01	27.29 0.99 0.36	29.89 1.14 1.38	31.94 1.17 0.96	35.03 1.28 1.75	36.57 1.38 2.21	38.17 1.41 1.39	50.37 1.89 -6.55	62.40 2.11 -13.45	67.16 2.49 -16.81	66.46 2.50 -15.80	44.72 2.04 3.81	40.54 1.84 4.11	38.90 1.70 1.46	33.30 1.50 2.28	30.34 1.20 1.65
FORT_DRUM_COGEN 23780	28.07 0.06 -0.49	24.04 0.00 0.00	21.83 -0.11 0.00	20.95 -0.11 0.00	20.77 -0.10 0.00	20.72 -0.10 0.00	20.74 -0.15 0.00	22.13 -0.18 0.00	24.20 -0.24 0.01	26.28 -0.13 0.26	28.94 -0.21 0.97	30.86 -0.19 0.68	34.21 -0.07 1.22	35.83 0.00 1.56	37.44 0.23 0.93	38.81 -0.21 2.91	41.18 0.09 5.76	42.10 0.53 6.29	42.62 0.91 6.45	44.10 1.53 3.92	41.15 1.41 3.07	37.23 1.28 2.70	33.33 0.95 1.70	30.27 0.71 1.23
FPL_FAR_ROCK_GT1 24212	33.74 3.16 -3.04	33.21 2.76 -6.40	30.93 2.46 -6.54	29.11 2.44 -5.63	26.96 2.21 -3.88	27.04 2.27 -3.94	28.43 2.38 -5.16	28.90 2.74 -3.85	33.24 3.03 -5.76	34.18 3.33 -4.17	32.69 3.70 1.13	36.49 3.87 -0.90	38.16 4.26 1.60	43.92 4.34 -2.19	45.71 4.35 -3.22	51.15 4.86 -4.36	58.77 5.15 -6.77	61.70 5.65 -8.19	60.35 5.16 -7.04	46.64 4.27 4.12	42.96 3.98 3.83	40.32 3.87 2.21	35.23 3.27 2.13	32.61 3.36 1.54
FPL_FAR_ROCK_GT2 23815	33.74 3.16 -3.04	33.21 2.76 -6.40	30.93 2.46 -6.54	29.11 2.44 -5.63	26.96 2.21 -3.88	27.04 2.27 -3.94	28.43 2.38 -5.16	28.90 2.74 -3.85	33.24 3.03 -5.76	34.18 3.33 -4.17	32.69 3.70 1.13	36.49 3.87 -0.90	38.16 4.26 1.60	43.92 4.34 -2.19	45.71 4.35 -3.22	51.15 4.86 -4.36	58.77 5.15 -6.77	61.70 5.65 -8.19	60.35 5.16 -7.04	46.64 4.27 4.12	42.96 3.98 3.83	40.32 3.87 2.21	35.23 3.27 2.13	32.61 3.36 1.54
FRANKLIN_FALL_HYD 24054	27.50 -0.03 0.00	24.02 -0.02 0.00	21.85 -0.09 0.00	20.84 -0.21 0.00	20.85 -0.02 0.00	20.93 0.10 0.00	20.91 0.02 0.00	22.31 0.00 0.00	24.52 0.07 0.15	26.76 0.24 0.56	29.77 0.21 0.39	31.68 0.35 0.70	35.26 0.46 0.90	36.98 0.49 0.90	38.11 0.50 0.53	40.66 -0.13 1.15	44.67 0.14 2.32	44.74 -0.24 2.88	45.12 0.00 3.04	44.22 0.23 2.50	41.27 0.47 2.01	37.26 0.27 1.67	33.04 0.07 1.11	29.92 -0.06 0.80
FREEPORT_EQUS_GT1 23764	33.55 2.97 -3.04	33.04 2.60 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.83 2.09 -3.87	26.90 2.13 -3.94	28.28 2.24 -5.16	28.74 2.59 -3.84	33.06 2.86 -5.76	33.99 3.15 -4.17	32.39 3.40 1.13	36.11 3.49 -0.90	37.66 3.76 1.61	43.54 3.96 -2.18	45.33 3.97 -3.22	50.57 4.28 -4.35	58.11 4.50 -6.77	61.03 4.98 -8.19	59.68 4.48 -7.04	46.18 3.81 4.12	42.58 3.60 3.83	39.82 3.36 2.21	34.89 2.93 2.13	32.33 3.08 1.54
FREEPORT___CT2 23818	33.55 2.97 -3.04	33.04 2.60 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.83 2.09 -3.87	26.90 2.13 -3.94	28.28 2.24 -5.16	28.74 2.59 -3.84	33.06 2.86 -5.76	33.99 3.15 -4.17	32.39 3.40 1.13	36.11 3.49 -0.90	37.66 3.76 1.61	43.54 3.96 -2.18	45.33 3.97 -3.22	50.57 4.28 -4.35	58.11 4.50 -6.77	61.03 4.98 -8.19	59.68 4.48 -7.04	46.18 3.81 4.12	42.58 3.60 3.83	39.82 3.36 2.21	34.89 2.93 2.13	32.33 3.08 1.54
FRESHKLS_33_KV_LOAD 356253	30.07 2.48 -0.06	26.21 2.16 0.00	23.80 1.86 0.00	22.85 1.77 -0.04	22.41 1.54 0.01	22.38 1.56 0.01	22.59 1.71 0.01	24.40 2.10 0.01	26.83 2.40 0.02	29.01 2.69 0.35	32.86 3.10 0.36	33.92 3.11 0.91	37.22 3.34 1.61	38.67 3.37 2.09	40.35 3.36 1.15	50.16 3.86 -4.37	57.84 4.22 -6.78	60.80 4.74 -8.20	59.61 4.43 -7.02	45.25 2.88 4.12	41.97 3.00 3.84	39.46 3.02 2.22	35.29 2.83 1.63	32.01 2.71 1.49
FULTON COGEN____ 23766	28.10 -0.52 -1.10	23.56 -0.48 0.00	21.50 -0.44 0.00	20.61 -0.44 0.00	20.39 -0.48 0.00	20.37 -0.46 0.00	20.47 -0.42 0.00	21.78 -0.54 0.00	23.84 -0.61 0.00	25.97 -0.64 0.06	29.23 -0.66 0.22	30.93 -0.63 0.16	34.58 -0.64 0.28	36.40 -0.64 0.36	37.32 -0.61 0.21	38.16 -0.71 3.07	40.13 -0.84 5.88	41.31 -0.14 6.41	41.63 -0.29 6.24	44.81 -0.46 1.21	41.59 -0.47 0.74	37.19 -0.43 1.05	33.33 -0.34 0.41	30.18 -0.31 0.30



FULTON___LFGE 323630	30.97 3.44 0.00	26.90 2.86 0.00	24.48 2.54 0.00	23.44 2.34 -0.06	22.86 1.98 0.00	23.12 2.29 0.00	23.19 2.30 0.00	25.03 2.72 0.00	27.52 3.08 0.01	29.59 3.31 0.39	32.39 3.73 1.46	34.93 4.22 1.02	38.20 4.55 1.85	39.94 4.90 2.35	41.99 5.30 1.46	59.21 6.58 -10.69	75.64 7.78 -21.02	82.52 8.67 -25.99	81.65 9.00 -24.49	51.67 8.79 3.60	46.57 8.09 4.33	45.02 7.27 0.91	37.81 6.13 2.41	33.79 4.74 1.74
G.F.CEMENT___DRP 24184	29.90 2.37 0.00	26.02 1.97 0.00	23.73 1.80 0.00	22.78 1.68 -0.05	22.44 1.57 0.00	22.39 1.56 0.00	22.56 1.67 0.00	24.23 1.92 0.00	26.71 2.27 0.01	28.27 1.97 0.38	30.98 2.29 1.43	33.24 2.51 0.99	36.42 2.73 1.81	38.06 2.95 2.29	39.79 3.09 1.45	57.06 4.03 -11.10	73.60 4.45 -22.30	80.57 5.03 -27.68	79.26 4.86 -26.23	47.69 4.60 3.39	42.66 4.11 4.26	41.62 3.63 0.67	34.85 3.14 2.37	31.42 2.34 1.71
GARDENVILLE___LBMP 24039	27.39 -0.14 0.00	24.04 0.00 0.00	21.96 0.02 0.00	20.82 -0.23 -0.01	20.45 -0.42 0.00	20.43 -0.40 0.00	20.70 -0.19 0.00	22.40 0.09 0.00	24.56 0.12 0.01	26.31 0.13 0.50	28.33 0.09 1.88	30.73 0.32 1.31	33.17 0.04 2.36	34.44 0.07 3.02	36.42 0.08 1.80	39.26 -0.38 2.30	41.47 -0.56 4.81	43.08 0.67 5.45	42.01 -0.14 6.00	38.68 -0.98 6.83	36.40 -0.81 5.60	33.32 -0.89 4.45	30.43 -0.55 3.11	28.51 -0.03 2.24
GARDNVLA_35_KV_LD 355827	27.50 -0.03 0.00	24.14 0.10 0.00	22.02 0.09 0.00	20.91 -0.15 -0.01	20.54 -0.33 0.00	20.50 -0.33 0.00	20.78 -0.10 0.00	22.49 0.18 0.00	24.68 0.24 0.01	26.44 0.27 0.50	28.48 0.24 1.88	30.86 0.44 1.31	33.32 0.18 2.36	34.63 0.26 3.02	36.61 0.27 1.80	39.47 -0.17 2.29	41.72 -0.33 4.79	43.39 0.96 5.44	42.27 0.10 5.99	38.88 -0.79 6.82	36.62 -0.60 5.59	33.48 -0.73 4.44	30.57 -0.41 3.11	28.61 0.06 2.24
GELCKHM___115KV_LOAD 80723	27.66 -0.28 -0.40	23.80 -0.24 0.00	21.72 -0.22 0.00	20.80 -0.25 0.00	20.58 -0.29 0.00	20.56 -0.27 0.00	20.66 -0.23 0.00	22.00 -0.31 0.00	24.07 -0.37 0.01	25.99 -0.35 0.33	28.54 -0.33 1.25	30.54 -0.32 0.87	33.65 -0.28 1.57	35.12 -0.26 2.01	36.72 -0.23 1.20	38.64 -0.21 3.08	40.42 -0.28 6.14	41.88 0.48 6.46	41.71 0.29 6.74	41.53 0.00 4.96	38.82 -0.04 3.95	35.23 -0.08 3.35	31.85 -0.03 2.19	29.17 -0.03 1.58
GENERAL___MILLS 23808	27.45 -0.08 0.00	24.09 0.05 0.00	22.00 0.07 0.00	20.86 -0.19 -0.01	20.50 -0.38 0.00	20.47 -0.35 0.00	20.74 -0.15 0.00	22.47 0.16 0.00	24.63 0.20 0.01	26.39 0.21 0.50	28.42 0.18 1.88	30.80 0.38 1.31	33.25 0.11 2.36	34.56 0.19 3.02	36.54 0.19 1.80	39.39 -0.25 2.30	41.58 -0.47 4.80	43.24 0.81 5.44	42.12 -0.05 5.99	38.78 -0.88 6.82	36.49 -0.73 5.59	33.41 -0.81 4.44	30.50 -0.48 3.11	28.55 0.00 2.24
GE_PLASTICS___DRP 24183	28.52 0.99 0.00	24.89 0.84 0.00	22.73 0.79 0.00	21.92 0.82 -0.05	21.56 0.69 0.00	21.56 0.73 0.00	21.68 0.79 0.00	23.18 0.87 0.00	25.39 0.95 0.01	27.30 0.99 0.36	29.86 1.11 1.37	31.91 1.14 0.95	35.01 1.24 1.73	36.50 1.31 2.20	38.11 1.34 1.37	49.57 1.68 -5.96	60.76 1.83 -12.09	65.21 2.25 -15.10	64.34 2.07 -14.12	44.27 1.67 3.89	40.22 1.50 4.09	38.45 1.39 1.60	33.07 1.26 2.27	30.20 1.05 1.64
GILBOA___1 23756	28.58 1.05 0.00	24.93 0.89 0.00	22.75 0.81 0.00	21.99 0.90 -0.04	21.69 0.81 0.00	21.68 0.85 0.00	21.70 0.81 0.00	23.29 0.98 0.00	25.54 1.10 0.01	27.44 1.15 0.38	29.95 1.26 1.44	32.03 1.30 1.00	35.05 1.35 1.80	36.51 1.42 2.31	38.22 1.45 1.37	45.93 1.63 -2.36	52.78 1.78 -4.15	55.06 2.01 -5.19	54.51 1.98 -4.37	43.35 1.53 4.67	39.95 1.37 4.23	37.36 1.32 2.62	32.89 1.16 2.35	30.17 1.08 1.70
GILBOA___2 23757	28.58 1.05 0.00	24.93 0.89 0.00	22.75 0.81 0.00	21.99 0.90 -0.04	21.69 0.81 0.00	21.68 0.85 0.00	21.70 0.81 0.00	23.29 0.98 0.00	25.54 1.10 0.01	27.44 1.15 0.38	29.95 1.26 1.44	32.03 1.30 1.00	35.05 1.35 1.80	36.51 1.42 2.31	38.22 1.45 1.37	45.93 1.63 -2.36	52.78 1.78 -4.15	55.06 2.01 -5.19	54.51 1.98 -4.37	43.35 1.53 4.67	39.95 1.37 4.23	37.36 1.32 2.62	32.89 1.16 2.35	30.17 1.08 1.70
GILBOA___3 23758	28.58 1.05 0.00	24.93 0.89 0.00	22.75 0.81 0.00	21.99 0.90 -0.04	21.69 0.81 0.00	21.68 0.85 0.00	21.70 0.81 0.00	23.29 0.98 0.00	25.54 1.10 0.01	27.44 1.15 0.38	29.95 1.26 1.44	32.03 1.30 1.00	35.05 1.35 1.80	36.51 1.42 2.31	38.22 1.45 1.37	45.93 1.63 -2.36	52.78 1.78 -4.15	55.06 2.01 -5.19	54.51 1.98 -4.37	43.35 1.53 4.67	39.95 1.37 4.23	37.36 1.32 2.62	32.89 1.16 2.35	30.17 1.08 1.70
GILBOA___4 23759	28.58 1.05 0.00	24.93 0.89 0.00	22.75 0.81 0.00	21.99 0.90 -0.04	21.69 0.81 0.00	21.68 0.85 0.00	21.70 0.81 0.00	23.29 0.98 0.00	25.54 1.10 0.01	27.44 1.15 0.38	29.95 1.26 1.44	32.03 1.30 1.00	35.05 1.35 1.80	36.51 1.42 2.31	38.22 1.45 1.37	45.93 1.63 -2.36	52.78 1.78 -4.15	55.06 2.01 -5.19	54.51 1.98 -4.37	43.35 1.53 4.67	39.95 1.37 4.23	37.36 1.32 2.62	32.89 1.16 2.35	30.17 1.08 1.70
GILBOA___ 23599	28.58 1.05 0.00	24.96 0.91 0.00	22.79 0.86 0.00	21.99 0.91 -0.04	21.64 0.77 0.00	21.64 0.81 0.00	21.70 0.81 0.00	23.29 0.98 0.00	25.54 1.10 0.01	27.44 1.15 0.38	29.95 1.26 1.44	32.03 1.30 1.00	35.08 1.38 1.80	36.55 1.46 2.31	38.22 1.45 1.37	45.97 1.68 -2.36	52.78 1.78 -4.15	55.21 2.15 -5.19	54.46 1.93 -4.37	43.40 1.58 4.67	39.99 1.41 4.23	37.36 1.31 2.62	32.93 1.19 2.35	30.17 1.08 1.70
GINNA___ 23603	26.26 -1.27 0.00	22.96 -1.08 0.00	21.02 -0.92 0.00	19.96 -1.10 0.00	19.77 -1.11 0.00	19.74 -1.08 0.00	19.78 -1.11 0.00	21.18 -1.14 0.00	23.22 -1.22 0.01	24.99 -1.17 0.51	26.95 -1.24 1.93	29.17 -1.21 1.34	31.83 -1.24 2.42	32.98 -1.31 3.10	35.00 -1.30 1.85	37.71 -1.43 2.80	39.39 -1.68 5.77	40.30 -1.39 6.17	40.36 -1.06 6.74	37.73 -1.49 7.26	35.63 -1.24 5.93	32.52 -1.39 4.75	29.69 -1.09 3.30	27.58 -0.83 2.38
GLEN PARK___ 23778	28.24 0.19 -0.51	24.14 0.10 0.00	21.94 0.00 0.00	21.03 -0.02 0.00	20.85 -0.02 0.00	20.85 0.02 0.00	20.81 -0.08 0.00	22.20 -0.11 0.00	24.27 -0.17 0.01	26.42 0.00 0.25	29.09 -0.09 0.94	31.00 -0.06 0.66	34.35 0.04 1.18	36.03 0.15 1.51	37.66 0.42 0.90	38.93 -0.08 2.92	41.36 0.28 5.77	42.23 0.67 6.30	42.96 1.25 6.45	44.67 2.00 3.82	41.67 1.84 2.98	37.60 1.59 2.64	33.62 1.19 1.66	30.52 0.92 1.19
GLENDALE_27_KV_LOAD 356172	30.21 2.67 -0.01	26.35 2.31 0.00	24.00 2.06 0.00	23.04 1.96 -0.04	22.60 1.73 0.00	22.60 1.77 0.00	22.81 1.92 0.00	24.61 2.30 0.00	27.03 2.59 0.01	29.22 2.88 0.33	32.09 3.25 1.29	34.10 3.27 0.89	37.37 3.48 1.61	38.91 3.59 2.07	40.56 3.59 1.17	50.35 4.07 -4.35	58.06 4.45 -6.76	61.02 4.98 -8.18	59.86 4.67 -7.03	45.66 3.30 4.12	42.11 3.12 3.83	39.58 3.13 2.21	34.93 2.97 2.12	32.16 2.89 1.53

GLENWOOD_IC_1_G5 23712	33.22 2.64 -3.04	32.75 2.31 -6.40	30.58 2.11 -6.54	28.69 2.02 -5.62	26.54 1.79 -3.87	26.60 1.83 -3.94	28.03 1.98 -5.16	28.45 2.30 -3.84	32.80 2.59 -5.76	33.70 2.85 -4.17	32.21 3.22 1.13	35.92 3.30 -0.90	37.20 3.30 1.61	43.02 3.44 -2.18	44.83 3.47 -3.22	50.15 3.86 -4.35	57.73 4.12 -6.76	60.73 4.69 -8.18	59.38 4.19 -7.04	45.72 3.35 4.12	42.15 3.17 3.83	39.39 2.94 2.21	34.68 2.73 2.13	32.06 2.80 1.54
GLENWOOD_IC_2_G1 23688	33.00 2.42 -3.04	32.56 2.12 -6.40	30.34 1.86 -6.54	28.52 1.85 -5.62	26.43 1.69 -3.87	26.48 1.71 -3.94	27.86 1.82 -5.16	28.30 2.14 -3.84	32.60 2.40 -5.76	33.46 2.62 -4.17	31.91 2.92 1.13	35.57 2.95 -0.90	37.05 3.16 1.61	42.87 3.29 -2.18	44.64 3.28 -3.22	50.06 3.78 -4.35	57.68 4.07 -6.76	60.55 4.50 -8.19	59.44 4.24 -7.04	45.57 3.21 4.12	41.98 3.00 3.83	39.27 2.82 2.21	34.48 2.52 2.13	31.81 2.55 1.54
GLENWOOD_IC_3_G1 23689	33.00 2.42 -3.04	32.56 2.12 -6.40	30.34 1.86 -6.54	28.52 1.85 -5.62	26.43 1.69 -3.87	26.48 1.71 -3.94	27.86 1.82 -5.16	28.30 2.14 -3.84	32.60 2.40 -5.76	33.46 2.62 -4.17	31.91 2.92 1.13	35.57 2.95 -0.90	37.05 3.16 1.61	42.87 3.29 -2.18	44.64 3.28 -3.22	50.06 3.78 -4.35	57.68 4.07 -6.76	60.55 4.50 -8.19	59.44 4.24 -7.04	45.57 3.21 4.12	41.98 3.00 3.83	39.27 2.82 2.21	34.48 2.52 2.13	31.81 2.55 1.54
GLENWOOD___4 23550	33.22 2.64 -3.04	32.75 2.31 -6.40	30.58 2.11 -6.54	28.69 2.02 -5.62	26.54 1.79 -3.87	26.60 1.83 -3.94	28.03 1.98 -5.16	28.45 2.30 -3.84	32.80 2.59 -5.76	33.70 2.85 -4.17	32.21 3.22 1.13	35.92 3.30 -0.90	37.30 3.41 1.61	43.13 3.55 -2.18	44.94 3.59 -3.22	50.27 3.98 -4.35	57.87 4.26 -6.76	60.83 4.79 -8.18	59.53 4.33 -7.04	45.86 3.49 4.12	42.23 3.25 3.83	39.47 3.02 2.21	34.68 2.73 2.13	32.06 2.80 1.54
GLENWOOD___5 23614	33.22 2.64 -3.04	32.75 2.31 -6.40	30.58 2.11 -6.54	28.69 2.02 -5.62	26.54 1.79 -3.87	26.60 1.83 -3.94	28.03 1.98 -5.16	28.45 2.30 -3.84	32.80 2.59 -5.76	33.70 2.85 -4.17	32.21 3.22 1.13	35.92 3.30 -0.90	37.30 3.41 1.61	43.13 3.55 -2.18	44.94 3.59 -3.22	50.27 3.98 -4.35	57.87 4.26 -6.76	60.83 4.79 -8.18	59.53 4.33 -7.04	45.86 3.49 4.12	42.23 3.25 3.83	39.47 3.02 2.21	34.68 2.73 2.13	32.06 2.80 1.54
GLOBAL GREEN_PORT_GT1 23814	35.45 4.87 -3.04	34.65 4.21 -6.40	32.20 3.73 -6.54	30.20 3.54 -5.62	28.08 3.34 -3.87	28.18 3.42 -3.94	29.62 3.57 -5.16	30.20 4.04 -3.84	34.85 4.65 -5.76	36.07 5.23 -4.17	35.16 5.75 0.72	41.26 6.06 -3.48	47.12 6.71 -4.91	46.84 7.26 -2.19	48.96 7.25 -3.57	54.27 7.97 -4.36	95.83 8.57 -40.41	129.99 9.29 -72.84	125.66 8.91 -68.60	95.35 7.86 -41.00	46.14 7.15 3.82	42.88 6.42 2.20	42.72 5.38 -3.25	39.33 5.33 -3.21
GLOBE___DSASP 323697	26.59 -0.94 0.00	23.42 -0.63 0.00	21.15 -0.79 0.00	20.30 -0.76 -0.01	19.74 -1.13 0.00	19.70 -1.12 0.00	19.99 -0.90 0.00	21.51 -0.80 0.00	23.53 -0.90 0.01	25.15 -1.01 0.51	26.94 -1.26 1.91	29.25 -1.14 1.33	31.47 -1.63 2.40	32.68 -1.65 3.07	34.60 -1.72 1.83	37.53 -1.97 2.44	39.38 -2.39 5.07	40.54 -1.68 5.65	39.98 -1.97 6.21	36.84 -2.65 7.00	34.81 -2.27 5.73	31.93 -2.17 4.56	29.40 -1.50 3.19	27.75 -0.74 2.30
GOETHSLN___LBMP 323567	29.82 2.29 0.00	26.04 2.00 0.00	23.71 1.78 0.00	22.81 1.73 -0.04	22.35 1.48 0.00	22.37 1.54 0.00	22.58 1.69 0.00	24.32 2.01 0.00	26.72 2.27 0.01	28.86 2.53 0.34	31.66 2.83 1.29	33.62 2.79 0.90	36.77 2.88 1.61	38.27 2.95 2.08	39.98 3.01 1.17	49.85 3.56 -4.35	57.45 3.84 -6.76	60.44 4.40 -8.18	59.23 4.05 -7.03	45.30 2.93 4.12	41.63 2.65 3.83	39.00 2.55 2.21	34.38 2.42 2.13	31.72 2.46 1.53
GOLAH___69_KV_TB 1_2 80279	27.50 -0.03 0.00	24.04 0.00 0.00	21.91 -0.02 0.00	20.88 -0.17 0.00	20.62 -0.25 0.00	20.56 -0.27 0.00	20.76 -0.13 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.51	27.99 -0.21 1.92	30.26 -0.13 1.34	32.88 -0.21 2.41	34.05 -0.26 3.09	36.23 -0.08 1.84	39.11 -0.08 2.74	40.91 -0.28 5.65	42.36 0.57 6.08	42.04 0.53 6.64	39.29 0.00 7.19	37.14 0.21 5.88	33.96 0.00 4.70	30.99 0.17 3.27	28.89 0.46 2.36
GOODYEAR_LAKE_HYD 323669	29.00 1.38 -0.09	25.22 1.18 0.00	22.97 1.03 0.00	22.07 1.01 -0.01	21.77 0.90 0.00	21.77 0.94 0.00	21.83 0.94 0.00	23.63 1.32 0.00	25.93 1.49 0.01	27.88 1.63 0.42	30.44 1.90 1.58	32.69 2.06 1.10	35.86 2.34 1.98	37.32 2.47 2.54	39.23 2.59 1.51	47.92 2.81 -3.18	55.79 3.28 -5.67	58.12 3.45 -6.81	57.32 3.27 -5.89	44.54 2.98 4.92	40.90 2.61 4.52	38.37 2.40 2.69	33.58 2.01 2.51	30.76 1.79 1.81
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.17 0.41 -0.23	24.45 0.41 0.00	22.31 0.37 0.00	21.31 0.25 -0.01	21.00 0.13 0.00	21.02 0.19 0.00	21.16 0.27 0.00	23.23 0.91 0.00	25.47 1.03 0.01	27.38 1.15 0.44	29.76 1.30 1.65	32.00 1.43 1.15	34.92 1.49 2.07	36.31 1.57 2.65	38.17 1.60 1.58	42.71 1.51 0.73	46.76 1.69 1.78	46.54 1.72 3.05	45.93 1.30 3.53	42.07 0.84 5.26	39.13 0.68 4.36	35.91 0.62 3.37	32.24 0.58 2.42	29.66 0.62 1.75
GOUDEY___7 23579	28.20 0.44 -0.23	24.48 0.43 0.00	22.33 0.39 0.00	21.33 0.27 -0.01	21.02 0.15 0.00	21.04 0.21 0.00	21.18 0.29 0.00	23.25 0.94 0.00	25.49 1.05 0.01	27.41 1.17 0.44	29.79 1.33 1.65	32.03 1.46 1.15	34.95 1.53 2.07	36.38 1.65 2.65	38.24 1.68 1.58	42.80 1.59 0.73	46.85 1.78 1.78	46.59 1.77 3.05	45.98 1.35 3.53	42.16 0.93 5.26	39.22 0.77 4.36	35.95 0.66 3.37	32.27 0.61 2.42	29.69 0.65 1.75
GOUDEY___8 23580	28.17 0.41 -0.23	24.45 0.41 0.00	22.31 0.37 0.00	21.31 0.25 -0.01	21.00 0.13 0.00	21.02 0.19 0.00	21.16 0.27 0.00	23.23 0.91 0.00	25.47 1.03 0.01	27.38 1.15 0.44	29.76 1.30 1.65	32.00 1.43 1.15	34.92 1.49 2.07	36.31 1.57 2.65	38.17 1.60 1.58	42.71 1.51 0.73	46.76 1.69 1.78	46.54 1.72 3.05	45.93 1.30 3.53	42.07 0.84 5.26	39.13 0.68 4.36	35.91 0.62 3.37	32.24 0.58 2.42	29.66 0.62 1.75
GOWANUS_GT1_1 24077	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT1_2 24078	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42

GOWANUS_GT1_3 24079	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT1_4 24080	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT1_5 24084	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT1_6 24111	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT1_7 24112	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT1_8 24113	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT2_1 24114	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_2 24115	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_3 24116	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_4 24117	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_5 24118	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_6 24119	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_7 24120	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT2_8 24121	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_1 24122	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42

GOWANUS_GT3_2 24123	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_3 24124	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_4 24125	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_5 24126	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_6 24127	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_7 24128	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT3_8 24129	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
GOWANUS_GT4_1 24130	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_2 24131	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_3 24132	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_4 24133	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_5 24134	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_6 24135	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_7 24136	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GOWANUS_GT4_8 24137	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42

GREENBSH_115KV_TB3 55895	28.41 0.88 0.00	24.79 0.75 0.00	22.66 0.72 0.00	21.83 0.74 -0.05	21.48 0.61 0.00	21.47 0.65 0.00	21.60 0.71 0.00	23.09 0.78 0.00	25.32 0.88 0.01	27.21 0.91 0.37	29.76 1.02 1.38	31.78 1.02 0.96	34.85 1.10 1.75	36.37 1.20 2.22	37.97 1.22 1.40	50.21 1.59 -6.68	62.35 1.73 -13.77	67.23 2.15 -17.22	66.33 1.97 -16.20	44.27 1.58 3.80	40.10 1.41 4.12	38.55 1.31 1.43	32.99 1.19 2.29	30.09 0.95 1.65
GREENDGE_115KV_TB5 80291	28.18 0.47 -0.19	24.45 0.41 0.00	22.26 0.33 0.00	21.22 0.17 -0.01	20.87 0.00 0.00	20.93 0.10 0.00	21.10 0.21 0.00	22.91 0.60 0.00	25.12 0.68 0.01	27.03 0.80 0.44	29.40 0.93 1.66	31.71 1.14 1.15	34.52 1.10 2.08	35.71 0.97 2.66	37.59 1.03 1.58	40.89 0.92 1.97	43.80 1.08 4.12	44.72 1.82 4.96	44.28 1.54 5.42	41.63 0.98 5.83	38.90 0.86 4.76	35.50 0.66 3.81	32.36 0.92 2.65	29.80 0.92 1.91
GREENIDGE___3 23582	28.18 0.47 -0.19	24.45 0.41 0.00	22.26 0.33 0.00	21.22 0.17 -0.01	20.87 0.00 0.00	20.93 0.10 0.00	21.10 0.21 0.00	22.91 0.60 0.00	25.12 0.68 0.01	27.03 0.80 0.44	29.40 0.93 1.66	31.71 1.14 1.15	34.52 1.10 2.08	35.71 0.97 2.66	37.59 1.03 1.58	40.89 0.92 1.97	43.80 1.08 4.12	44.72 1.82 4.96	44.28 1.54 5.42	41.63 0.98 5.83	38.90 0.86 4.76	35.50 0.66 3.81	32.36 0.92 2.65	29.80 0.92 1.91
GREENIDGE___4 23583	28.21 0.50 -0.19	24.48 0.43 0.00	22.40 0.46 0.00	21.22 0.17 -0.01	21.00 0.13 0.00	21.08 0.25 0.00	21.10 0.21 0.00	22.91 0.60 0.00	25.15 0.71 0.01	27.11 0.88 0.44	29.49 1.02 1.66	31.68 1.11 1.15	34.52 1.10 2.08	35.74 1.01 2.66	37.63 1.07 1.58	40.89 0.92 1.97	43.80 1.08 4.12	44.53 1.63 4.96	44.42 1.68 5.42	41.86 1.21 5.83	39.03 0.99 4.76	35.50 0.66 3.81	32.39 0.95 2.65	29.80 0.92 1.91
GREENLWN_69_KV_BK 3 55738	33.22 2.64 -3.04	32.75 2.31 -6.40	30.56 2.08 -6.54	28.67 2.00 -5.62	26.54 1.79 -3.87	26.60 1.83 -3.94	28.03 1.98 -5.16	28.45 2.30 -3.84	32.80 2.59 -5.76	33.65 2.80 -4.17	31.95 3.04 1.21	34.93 2.86 -0.35	36.24 3.12 2.39	42.83 3.25 -2.18	44.64 3.36 -3.14	49.72 3.44 -4.35	49.83 3.65 0.67	46.06 4.31 6.11	45.30 3.71 6.57	35.42 3.02 14.09	41.76 2.78 3.83	39.04 2.59 2.21	33.02 2.25 3.32	30.95 2.59 2.43
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42
GRISSOM___SOLAR 323813	30.97 3.44 0.00	26.90 2.86 0.00	24.48 2.54 0.00	23.44 2.34 -0.06	22.86 1.98 0.00	23.12 2.29 0.00	23.19 2.30 0.00	25.03 2.72 0.00	27.52 3.08 0.01	29.59 3.31 0.39	32.39 3.73 1.46	34.93 4.22 1.02	38.20 4.55 1.85	39.94 4.90 2.35	41.99 5.30 1.46	59.21 6.58 -10.69	75.64 7.78 -21.02	82.52 8.67 -25.99	81.65 9.00 -24.49	51.67 8.79 3.60	46.57 8.09 4.33	45.02 7.27 0.91	37.81 6.13 2.41	33.79 4.74 1.74
GROVEVILLE___HYD 323602	29.73 2.20 0.00	25.92 1.88 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.39 1.50 0.00	24.05 1.74 0.00	26.28 1.83 0.01	28.33 2.00 0.34	31.08 2.26 1.30	33.14 2.32 0.90	36.59 2.70 1.61	38.12 2.80 2.08	39.78 2.82 1.19	49.40 3.40 -4.07	57.16 3.79 -6.52	60.20 4.40 -7.93	59.21 4.19 -6.86	45.58 3.21 4.12	41.80 2.83 3.83	39.13 2.67 2.20	34.27 2.32 2.13	31.44 2.19 1.54
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.11 -0.03 -0.61	24.00 -0.05 0.00	21.89 -0.04 0.00	20.97 -0.08 0.00	20.73 -0.15 0.00	20.72 -0.10 0.00	20.83 -0.06 0.00	22.18 -0.13 0.00	24.27 -0.17 0.01	26.29 -0.13 0.25	29.12 -0.06 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.62 1.01 6.25	42.57 0.82 6.40	43.19 0.51 3.81	40.26 0.43 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
HAMLTNNY_34_KV_TB 80303	28.22 0.06 -0.63	24.07 0.02 0.00	21.94 0.00 0.00	21.01 -0.04 0.00	20.79 -0.08 0.00	20.75 -0.08 0.00	20.87 -0.02 0.00	22.22 -0.09 0.00	24.35 -0.10 0.01	26.38 -0.05 0.24	29.24 0.03 0.91	31.22 0.13 0.63	34.57 0.21 1.14	36.19 0.26 1.46	37.58 0.31 0.87	39.38 0.38 2.93	41.45 0.37 5.78	42.96 1.24 6.15	42.88 1.01 6.29	43.45 0.65 3.69	40.49 0.56 2.87	36.53 0.43 2.55	32.90 0.41 1.60	30.04 0.40 1.15
HAMPSHIRE___PAPER_HYD 323593	27.10 -0.63 -0.20	23.44 -0.60 0.00	21.32 -0.61 0.00	20.44 -0.61 0.00	20.31 -0.56 0.00	20.35 -0.48 0.00	20.35 -0.54 0.00	21.73 -0.58 0.00	23.78 -0.66 0.01	25.81 -0.61 0.25	28.45 -0.72 0.94	30.37 -0.70 0.66	33.68 -0.64 1.18	35.24 -0.64 1.51	36.67 -0.57 0.90	38.74 -1.01 2.19	41.58 -0.89 4.38	41.92 -1.01 4.94	42.28 -0.72 5.16	42.46 -0.19 3.84	39.62 -0.13 3.06	35.91 -0.15 2.59	32.11 -0.27 1.70	29.22 -0.34 1.23
HARDSCRABBLE_WT_PWR 323673	28.00 0.47 0.00	24.45 0.41 0.00	22.29 0.35 0.00	21.41 0.36 0.00	21.12 0.25 0.00	21.22 0.39 0.00	21.24 0.35 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.60 0.53 0.61	28.52 0.69 2.30	30.86 0.73 1.60	33.51 0.89 2.88	34.68 0.97 3.69	36.98 1.03 2.20	38.89 1.13 4.18	39.68 1.31 8.48	40.26 1.53 9.13	39.97 1.54 9.72	39.08 1.26 8.66	36.75 0.94 6.99	33.65 0.73 5.75	30.78 0.58 3.89	28.51 0.52 2.80
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.54 2.01 0.00	25.80 1.76 0.00	23.52 1.58 0.00	22.60 1.52 -0.03	22.10 1.23 0.00	22.14 1.31 0.00	22.29 1.40 0.00	23.99 1.67 0.00	26.25 1.81 0.01	28.31 1.97 0.34	31.05 2.20 1.27	33.06 2.22 0.88	36.44 2.52 1.58	37.94 2.58 2.04	39.58 2.59 1.16	48.85 3.15 -3.77	56.22 3.51 -5.86	59.03 4.07 -7.10	58.02 3.80 -6.05	45.25 2.84 4.07	41.54 2.48 3.75	38.84 2.40 2.22	34.15 2.15 2.08	31.29 2.00 1.50
HARSNRAD_115KV_TB1 81005	27.06 -0.47 0.00	23.76 -0.29 0.00	21.76 -0.18 0.00	20.59 -0.46 -0.01	20.31 -0.56 0.00	20.25 -0.58 0.00	20.51 -0.38 0.00	22.04 -0.27 0.00	24.14 -0.29 0.01	25.82 -0.35 0.50	27.73 -0.48 1.90	30.11 -0.29 1.32	32.47 -0.64 2.39	33.70 -0.64 3.06	35.64 -0.69 1.82	38.59 -0.88 2.46	40.55 -1.17 5.12	41.94 -0.24 5.68	41.29 -0.63 6.24	38.05 -1.44 6.99	35.93 -1.16 5.73	32.90 -1.20 4.56	30.15 -0.75 3.18	28.34 -0.15 2.30
HARZA MOOSE___RIVER 24016	28.14 0.44 -0.17	24.38 0.34 0.00	22.18 0.24 0.00	21.28 0.23 0.00	21.04 0.17 0.00	21.06 0.23 0.00	21.10 0.21 0.00	22.62 0.31 0.00	24.76 0.32 0.01	26.63 0.40 0.44	28.92 0.48 1.68	31.13 0.57 1.17	34.21 0.82 2.10	35.64 0.93 2.69	37.57 1.03 1.60	39.49 0.96 3.41	41.24 1.26 6.87	41.93 1.53 7.46	41.88 1.59 7.87	41.77 1.72 6.43	39.18 1.54 5.17	35.71 1.35 4.30	32.30 1.09 2.87	29.61 0.89 2.07

HDSNBRDG_115KV_BRDG_TB1 355580	27.64 -0.22 -0.33	23.85 -0.19 0.00	21.76 -0.18 0.00	20.84 -0.21 0.00	20.60 -0.27 0.00	20.58 -0.25 0.00	20.70 -0.19 0.00	22.00 -0.31 0.00	24.10 -0.34 0.01	25.96 -0.35 0.36	28.39 -0.36 1.37	30.42 -0.35 0.95	33.47 -0.32 1.71	34.90 -0.30 2.19	36.57 -0.27 1.31	38.56 -0.25 3.12	40.26 -0.33 6.25	41.83 0.48 6.52	41.65 0.34 6.84	41.09 0.00 5.40	38.44 -0.04 4.32	34.96 -0.08 3.62	31.65 -0.03 2.40	29.02 -0.03 1.73
HELLGATE_13_KV_LD 55870	30.07 2.53 -0.01	26.23 2.19 0.00	23.89 1.95 0.00	22.96 1.87 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.50 2.19 0.00	26.91 2.47 0.01	29.08 2.75 0.33	31.88 3.04 1.29	33.91 3.08 0.89	37.12 3.23 1.61	38.69 3.37 2.07	40.33 3.36 1.17	50.06 3.77 -4.35	57.73 4.12 -6.76	60.68 4.64 -8.18	59.48 4.29 -7.03	45.29 2.93 4.12	41.81 2.83 3.83	39.31 2.86 2.21	34.73 2.76 2.12	32.00 2.74 1.53
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.07 2.53 -0.01	26.23 2.19 0.00	23.89 1.95 0.00	22.96 1.87 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.50 2.19 0.00	26.91 2.47 0.01	29.08 2.75 0.33	31.88 3.04 1.29	33.91 3.08 0.89	37.12 3.23 1.61	38.69 3.37 2.07	40.33 3.36 1.17	50.06 3.77 -4.35	57.73 4.12 -6.76	60.68 4.64 -8.18	59.48 4.29 -7.03	45.29 2.93 4.12	41.81 2.83 3.83	39.31 2.86 2.21	34.73 2.76 2.12	32.00 2.74 1.53
HEMPSTEAD____ 23647	33.24 2.67 -3.04	32.77 2.33 -6.40	30.53 2.06 -6.54	28.71 2.04 -5.62	26.62 1.88 -3.87	26.66 1.90 -3.94	28.05 2.01 -5.16	28.50 2.34 -3.84	32.82 2.62 -5.76	33.70 2.86 -4.17	32.09 3.10 1.13	35.79 3.17 -0.90	37.27 3.37 1.61	43.09 3.51 -2.18	44.87 3.51 -3.22	50.23 3.94 -4.35	57.73 4.12 -6.77	60.65 4.60 -8.19	59.39 4.19 -7.04	45.67 3.30 4.12	42.10 3.12 3.83	39.39 2.94 2.21	34.58 2.62 2.13	32.03 2.77 1.54
HEWLETT__69_KV_BK3 55828	33.55 2.97 -3.04	33.06 2.62 -6.40	30.86 2.39 -6.54	28.98 2.32 -5.62	26.79 2.05 -3.87	26.89 2.12 -3.94	28.30 2.26 -5.16	28.77 2.61 -3.84	33.09 2.88 -5.76	34.02 3.17 -4.17	32.48 3.49 1.13	36.24 3.62 -0.90	37.87 3.98 1.61	43.65 4.08 -2.18	45.48 4.12 -3.22	50.73 4.45 -4.35	58.34 4.73 -6.76	61.36 5.31 -8.18	59.86 4.67 -7.04	46.27 3.90 4.12	42.75 3.77 3.83	40.01 3.56 2.21	34.89 2.93 2.13	32.36 3.11 1.54
HICKLING___1 23621	28.32 0.61 -0.18	24.64 0.60 0.00	22.46 0.53 0.00	21.37 0.32 -0.01	21.06 0.19 0.00	21.06 0.23 0.00	21.22 0.33 0.00	23.27 0.96 0.00	25.54 1.10 0.01	27.48 1.25 0.45	29.84 1.42 1.69	32.19 1.65 1.18	35.04 1.67 2.12	36.47 1.79 2.72	38.35 1.83 1.62	42.06 1.55 1.42	45.48 1.73 3.10	46.18 2.49 4.17	45.33 1.83 4.65	41.95 1.16 5.70	39.11 0.98 4.68	35.82 0.85 3.69	32.33 0.85 2.60	29.80 0.89 1.88
HICKLING___2 23622	28.32 0.61 -0.18	24.64 0.60 0.00	22.46 0.53 0.00	21.37 0.32 -0.01	21.06 0.19 0.00	21.06 0.23 0.00	21.22 0.33 0.00	23.27 0.96 0.00	25.54 1.10 0.01	27.48 1.25 0.45	29.84 1.42 1.69	32.19 1.65 1.18	35.04 1.67 2.12	36.47 1.79 2.72	38.35 1.83 1.62	42.06 1.55 1.42	45.48 1.73 3.10	46.18 2.49 4.17	45.33 1.83 4.65	41.95 1.16 5.70	39.11 0.98 4.68	35.82 0.85 3.69	32.33 0.85 2.60	29.80 0.89 1.88
HIGH FALLS___HY 23754	29.68 2.15 0.00	25.90 1.85 0.00	23.56 1.62 0.00	22.66 1.58 -0.04	22.10 1.23 0.00	22.18 1.35 0.00	22.29 1.40 0.00	23.96 1.65 0.00	26.13 1.69 0.01	28.17 1.84 0.34	30.88 2.05 1.29	32.92 2.09 0.90	36.30 2.41 1.61	37.79 2.47 2.07	39.45 2.52 1.21	48.92 3.06 -3.93	57.00 3.47 -6.69	60.18 4.12 -8.20	59.23 3.85 -7.22	45.27 2.84 4.05	41.47 2.48 3.82	38.93 2.40 2.12	34.08 2.11 2.12	31.32 2.06 1.53
HILLBURN___GT 23639	29.51 1.98 0.00	25.80 1.75 0.00	23.47 1.53 0.00	22.62 1.54 -0.03	22.17 1.29 0.00	22.20 1.37 0.00	22.37 1.48 0.00	24.10 1.79 0.00	26.42 1.98 0.01	28.47 2.13 0.34	31.22 2.38 1.27	33.25 2.41 0.89	36.51 2.59 1.58	38.04 2.69 2.05	39.65 2.67 1.16	49.06 3.23 -3.90	56.46 3.56 -6.05	59.12 3.93 -7.34	58.23 3.80 -6.27	45.15 2.74 4.08	41.48 2.44 3.77	38.80 2.36 2.22	34.14 2.15 2.09	31.34 2.06 1.51
HILLSIDE_115KV_TB1 80332	27.80 0.08 -0.19	24.21 0.17 0.00	22.09 0.15 0.00	21.02 -0.04 -0.01	20.66 -0.21 0.00	20.70 -0.12 0.00	20.89 0.00 0.00	22.94 0.62 0.00	25.17 0.73 0.01	27.05 0.83 0.45	29.30 0.87 1.69	31.60 1.05 1.17	34.31 0.92 2.12	35.69 1.01 2.71	37.56 1.03 1.61	41.27 0.67 1.34	44.66 0.75 2.93	45.11 1.29 4.04	44.26 0.63 4.52	40.90 0.05 5.63	38.13 -0.04 4.64	34.93 -0.08 3.65	31.58 0.07 2.58	29.11 0.18 1.86
HISHELDN_WT_PWR 323625	27.50 -0.03 0.00	24.14 0.10 0.00	22.18 0.24 0.00	20.86 -0.19 -0.01	20.68 -0.19 0.00	20.73 -0.10 0.00	20.72 -0.17 0.00	22.45 0.13 0.00	24.66 0.22 0.01	26.55 0.37 0.49	28.63 0.36 1.85	30.82 0.38 1.29	33.32 0.14 2.32	34.65 0.23 2.97	36.64 0.27 1.77	39.47 -0.29 2.17	41.96 -0.33 4.56	43.03 0.43 5.26	42.60 0.24 5.80	39.46 -0.37 6.65	36.97 -0.39 5.45	33.64 -0.69 4.33	30.71 -0.34 3.03	28.63 0.03 2.19
HOLTSVILLE_IC_1 23690	33.82 3.25 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.09 2.42 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.47 2.42 -5.16	28.92 2.77 -3.84	33.24 3.03 -5.76	34.18 3.33 -4.17	32.74 3.34 0.72	38.46 3.30 -3.44	43.91 3.58 -4.82	43.33 3.74 -2.19	45.36 3.66 -3.56	50.41 4.11 -4.36	90.88 4.22 -39.81	124.29 4.74 -71.68	119.99 4.34 -67.50	90.17 3.49 -40.19	42.37 3.38 3.82	39.59 3.13 2.20	40.00 2.76 -3.16	37.03 3.11 -3.13
HOLTSVILLE_IC_10 23699	34.01 3.44 -3.04	33.45 3.01 -6.40	31.13 2.65 -6.54	29.22 2.55 -5.62	27.19 2.44 -3.87	27.20 2.44 -3.94	28.61 2.57 -5.16	29.08 2.92 -3.84	33.43 3.23 -5.76	34.39 3.55 -4.17	33.06 3.64 0.70	38.94 3.62 -3.60	44.67 3.94 -5.23	43.70 4.11 -2.19	45.81 4.08 -3.58	50.83 4.53 -4.36	93.48 4.68 -41.95	128.92 5.27 -75.79	124.38 4.82 -71.41	93.50 3.95 -43.06	42.80 3.81 3.82	39.98 3.52 2.20	40.68 3.10 -3.50	37.61 3.39 -3.43
HOLTSVILLE_IC_2 23691	33.82 3.25 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.09 2.42 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.47 2.42 -5.16	28.92 2.77 -3.84	33.24 3.03 -5.76	34.18 3.33 -4.17	32.74 3.34 0.72	38.46 3.30 -3.44	43.91 3.58 -4.82	43.33 3.74 -2.19	45.36 3.66 -3.56	50.41 4.11 -4.36	90.88 4.22 -39.81	124.29 4.74 -71.68	119.99 4.34 -67.50	90.17 3.49 -40.19	42.37 3.38 3.82	39.59 3.13 2.20	40.00 2.76 -3.16	37.03 3.11 -3.13
HOLTSVILLE_IC_3 23692	33.82 3.25 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.09 2.42 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.47 2.42 -5.16	28.92 2.77 -3.84	33.24 3.03 -5.76	34.18 3.33 -4.17	32.74 3.34 0.72	38.46 3.30 -3.44	43.91 3.58 -4.82	43.33 3.74 -2.19	45.36 3.66 -3.56	50.41 4.11 -4.36	90.88 4.22 -39.81	124.29 4.74 -71.68	119.99 4.34 -67.50	90.17 3.49 -40.19	42.37 3.38 3.82	39.59 3.13 2.20	40.00 2.76 -3.16	37.03 3.11 -3.13

HOLTSVILLE_IC_4 23693	33.82 3.25 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.09 2.42 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.47 2.42 -5.16	28.92 2.77 -3.84	33.24 3.03 -5.76	34.18 3.33 -4.17	32.74 3.34 0.72	38.46 3.30 -3.44	43.91 3.58 -4.82	43.33 3.74 -2.19	45.36 3.66 -3.56	50.41 4.11 -4.36	90.88 4.22 -39.81	124.29 4.74 -71.68	119.99 4.34 -67.50	90.17 3.49 -40.19	42.37 3.38 3.82	39.59 3.13 2.20	40.00 2.76 -3.16	37.03 3.11 -3.13
HOLTSVILLE_IC_5 23694	33.82 3.25 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.09 2.42 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.47 2.42 -5.16	28.92 2.77 -3.84	33.24 3.03 -5.76	34.18 3.33 -4.17	32.74 3.34 0.72	38.46 3.30 -3.44	43.91 3.58 -4.82	43.33 3.74 -2.19	45.36 3.66 -3.56	50.41 4.11 -4.36	90.88 4.22 -39.81	124.29 4.74 -71.68	119.99 4.34 -67.50	90.17 3.49 -40.19	42.37 3.38 3.82	39.59 3.13 2.20	40.00 2.76 -3.16	37.03 3.11 -3.13
HOLTSVILLE_IC_6 23695	34.01 3.44 -3.04	33.45 3.01 -6.40	31.13 2.65 -6.54	29.22 2.55 -5.62	27.19 2.44 -3.87	27.20 2.44 -3.94	28.61 2.57 -5.16	29.08 2.92 -3.84	33.43 3.23 -5.76	34.39 3.55 -4.17	33.06 3.64 0.70	38.94 3.62 -3.60	44.67 3.94 -5.23	43.70 4.11 -2.19	45.81 4.08 -3.58	50.83 4.53 -4.36	93.48 4.68 -41.95	128.92 5.27 -75.79	124.38 4.82 -71.41	93.50 3.95 -43.06	42.80 3.81 3.82	39.98 3.52 2.20	40.68 3.10 -3.50	37.61 3.39 -3.43
HOLTSVILLE_IC_7 23696	34.01 3.44 -3.04	33.45 3.01 -6.40	31.13 2.65 -6.54	29.22 2.55 -5.62	27.19 2.44 -3.87	27.20 2.44 -3.94	28.61 2.57 -5.16	29.08 2.92 -3.84	33.43 3.23 -5.76	34.39 3.55 -4.17	33.06 3.64 0.70	38.94 3.62 -3.60	44.67 3.94 -5.23	43.70 4.11 -2.19	45.81 4.08 -3.58	50.83 4.53 -4.36	93.48 4.68 -41.95	128.92 5.27 -75.79	124.38 4.82 -71.41	93.50 3.95 -43.06	42.80 3.81 3.82	39.98 3.52 2.20	40.68 3.10 -3.50	37.61 3.39 -3.43
HOLTSVILLE_IC_8 23697	34.01 3.44 -3.04	33.45 3.01 -6.40	31.13 2.65 -6.54	29.22 2.55 -5.62	27.19 2.44 -3.87	27.20 2.44 -3.94	28.61 2.57 -5.16	29.08 2.92 -3.84	33.43 3.23 -5.76	34.39 3.55 -4.17	33.06 3.64 0.70	38.94 3.62 -3.60	44.67 3.94 -5.23	43.70 4.11 -2.19	45.81 4.08 -3.58	50.83 4.53 -4.36	93.48 4.68 -41.95	128.92 5.27 -75.79	124.38 4.82 -71.41	93.50 3.95 -43.06	42.80 3.81 3.82	39.98 3.52 2.20	40.68 3.10 -3.50	37.61 3.39 -3.43
HOLTSVILLE_IC_9 23698	34.01 3.44 -3.04	33.45 3.01 -6.40	31.13 2.65 -6.54	29.22 2.55 -5.62	27.19 2.44 -3.87	27.20 2.44 -3.94	28.61 2.57 -5.16	29.08 2.92 -3.84	33.43 3.23 -5.76	34.39 3.55 -4.17	33.06 3.64 0.70	38.94 3.62 -3.60	44.67 3.94 -5.23	43.70 4.11 -2.19	45.81 4.08 -3.58	50.83 4.53 -4.36	93.48 4.68 -41.95	128.92 5.27 -75.79	124.38 4.82 -71.41	93.50 3.95 -43.06	42.80 3.81 3.82	39.98 3.52 2.20	40.68 3.10 -3.50	37.61 3.39 -3.43
HOMER_HL_115KV_TB2 355744	27.37 -0.17 0.00	24.07 0.02 0.00	22.00 0.07 0.00	20.82 -0.23 -0.01	20.43 -0.44 0.00	20.47 -0.35 0.00	20.72 -0.17 0.00	22.71 0.40 0.00	24.98 0.54 0.01	26.80 0.61 0.49	28.89 0.60 1.84	31.21 0.76 1.28	33.62 0.43 2.30	34.93 0.49 2.95	36.88 0.50 1.76	38.99 -0.88 2.07	41.46 -1.03 4.36	43.81 1.05 5.11	41.65 -0.87 5.64	38.32 -1.63 6.54	35.90 -1.54 5.37	32.93 -1.47 4.26	29.94 -1.16 2.98	27.90 -0.74 2.15
HOWARD_WT_PWR 323690	28.46 0.80 -0.13	24.81 0.77 0.00	22.75 0.81 0.00	21.44 0.38 -0.01	21.23 0.35 0.00	21.29 0.46 0.00	21.31 0.42 0.00	23.23 0.92 0.00	25.51 1.07 0.01	27.52 1.31 0.46	29.82 1.45 1.75	32.06 1.55 1.21	34.84 1.53 2.19	36.23 1.64 2.80	38.19 1.72 1.67	41.35 1.26 1.84	44.44 1.50 3.90	45.46 2.39 4.79	45.13 2.26 5.29	41.98 1.58 6.09	39.14 1.33 4.99	35.59 0.89 3.96	32.23 0.92 2.77	29.77 0.99 2.00
HQ_GEN_CEDARS 23644	27.03 -0.50 0.00	23.61 -0.43 0.00	21.50 -0.44 0.00	20.56 -0.48 0.00	20.54 -0.33 0.00	20.62 -0.21 0.00	20.58 -0.31 0.00	21.96 -0.36 0.00	24.05 -0.39 0.00	26.15 -0.37 0.14	29.12 -0.45 0.55	30.93 -0.41 0.38	34.42 -0.39 0.68	36.11 -0.41 0.88	37.20 -0.42 0.52	39.98 -0.84 1.12	43.79 -0.80 2.26	43.75 -1.29 2.82	44.12 -1.06 2.97	43.43 -0.60 2.46	40.45 -0.39 1.97	36.59 -0.43 1.64	32.54 -0.44 1.10	29.57 -0.43 0.79
HQ_GEN_CEDARS_PROXY 323590	27.04 -0.49 0.00	23.61 -0.43 0.00	21.50 -0.44 0.00	20.57 -0.48 0.00	20.45 -0.42 0.00	20.56 -0.27 0.00	20.58 -0.31 0.00	21.95 -0.36 0.00	24.05 -0.39 0.00	26.15 -0.37 0.14	29.12 -0.45 0.55	30.93 -0.41 0.38	34.46 -0.35 0.68	36.11 -0.41 0.88	37.20 -0.42 0.52	40.02 -0.80 1.12	43.79 -0.80 2.26	43.90 -1.15 2.82	43.75 -1.06 3.35	43.80 -0.61 2.08	40.41 -0.43 1.97	36.63 -0.39 1.64	32.54 -0.44 1.10	29.57 -0.43 0.79
HQ_GEN_IMPORT 323601	27.12 -0.41 0.00	23.68 -0.36 0.00	21.58 -0.35 0.00	20.71 -0.34 0.00	20.60 -0.27 0.00	20.60 -0.23 0.00	20.64 -0.25 0.00	22.05 -0.27 0.00	24.15 -0.29 0.00	26.28 -0.32 0.07	29.49 -0.36 0.27	31.19 -0.35 0.19	34.80 -0.35 0.34	36.55 -0.41 0.44	37.46 -0.42 0.26	40.86 -0.55 0.53	45.34 -0.61 0.90	45.39 -0.91 1.56	45.39 -0.92 1.85	45.03 -0.56 0.90	41.31 -0.47 1.02	37.39 -0.42 0.85	33.11 -0.41 0.57	30.01 -0.37 0.41
HQ_GEN_WHEEL 23651	27.12 -0.41 0.00	23.68 -0.36 0.00	21.58 -0.35 0.00	20.71 -0.34 0.00	20.60 -0.27 0.00	20.60 -0.23 0.00	20.64 -0.25 0.00	22.05 -0.27 0.00	24.15 -0.29 0.00	26.28 -0.32 0.07	29.49 -0.36 0.27	31.19 -0.35 0.19	34.80 -0.35 0.34	36.55 -0.41 0.44	37.46 -0.42 0.26	40.86 -0.55 0.53	45.34 -0.61 0.90	45.39 -0.91 1.56	45.39 -0.92 1.85	45.03 -0.56 0.90	41.31 -0.47 1.02	37.39 -0.42 0.85	33.11 -0.41 0.57	30.01 -0.37 0.41
HUDSON_AVE_GT_3 23810	29.95 2.42 0.00	26.16 2.12 0.00	23.82 1.89 0.00	22.92 1.83 -0.04	22.48 1.61 0.00	22.47 1.65 0.00	22.69 1.80 0.00	24.43 2.12 0.00	26.84 2.40 0.01	29.00 2.67 0.34	31.81 2.98 1.29	33.84 3.01 0.90	37.05 3.16 1.61	38.57 3.25 2.08	40.25 3.28 1.17	50.14 3.86 -4.35	57.82 4.22 -6.76	60.83 4.79 -8.18	59.67 4.48 -7.03	45.67 3.30 4.12	41.98 3.00 3.83	39.31 2.86 2.21	34.65 2.69 2.13	31.90 2.65 1.53
HUDSON_AVE_GT_4 23540	29.95 2.42 0.00	26.16 2.12 0.00	23.82 1.89 0.00	22.92 1.83 -0.04	22.48 1.61 0.00	22.47 1.65 0.00	22.69 1.80 0.00	24.43 2.12 0.00	26.84 2.40 0.01	29.00 2.67 0.34	31.81 2.98 1.29	33.84 3.01 0.90	37.05 3.16 1.61	38.57 3.25 2.08	40.25 3.28 1.17	50.14 3.86 -4.35	57.82 4.22 -6.76	60.83 4.79 -8.18	59.67 4.48 -7.03	45.67 3.30 4.12	41.98 3.00 3.83	39.31 2.86 2.21	34.65 2.69 2.13	31.90 2.65 1.53
HUDSON_AVE_GT_5 23657	29.95 2.42 0.00	26.16 2.12 0.00	23.82 1.89 0.00	22.92 1.83 -0.04	22.48 1.61 0.00	22.47 1.65 0.00	22.69 1.80 0.00	24.43 2.12 0.00	26.84 2.40 0.01	29.00 2.67 0.34	31.81 2.98 1.29	33.84 3.01 0.90	37.05 3.16 1.61	38.57 3.25 2.08	40.25 3.28 1.17	50.14 3.86 -4.35	57.82 4.22 -6.76	60.83 4.79 -8.18	59.67 4.48 -7.03	45.67 3.30 4.12	41.98 3.00 3.83	39.31 2.86 2.21	34.65 2.69 2.13	31.90 2.65 1.53

HUDSON_AVE_10 24168	29.93 2.40 0.00	26.11 2.07 0.00	23.78 1.84 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.41 2.10 0.00	26.81 2.37 0.01	28.97 2.64 0.34	31.75 2.92 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.50 3.18 2.08	40.18 3.20 1.17	50.06 3.77 -4.35	57.73 4.12 -6.76	60.73 4.69 -8.18	59.57 4.38 -7.03	45.53 3.16 4.12	41.89 2.91 3.83	39.24 2.78 2.21	34.62 2.66 2.13	31.84 2.59 1.53
HUDSON___115KV_TB 4 355613	29.07 1.54 0.00	25.29 1.25 0.00	23.08 1.14 0.00	22.21 1.12 -0.05	21.83 0.96 0.00	21.81 0.98 0.00	21.91 1.02 0.00	23.43 1.12 0.00	25.59 1.15 0.01	27.54 1.23 0.36	30.17 1.42 1.37	32.26 1.49 0.95	35.58 1.81 1.73	37.15 1.94 2.19	38.96 2.17 1.36	50.54 2.60 -6.01	61.85 2.90 -12.10	66.61 3.64 -15.11	65.83 3.56 -14.11	45.68 3.07 3.88	41.57 2.83 4.07	39.57 2.51 1.60	34.07 2.25 2.26	30.88 1.72 1.63
HUNTER MOUNT___DRP 323613	29.18 1.65 0.00	25.34 1.30 0.00	23.12 1.18 0.00	22.25 1.16 -0.04	21.89 1.02 0.00	21.81 0.98 0.00	21.89 1.00 0.00	23.38 1.07 0.00	25.47 1.03 0.01	27.41 1.09 0.36	30.00 1.23 1.35	32.15 1.36 0.94	35.61 1.81 1.71	37.17 1.94 2.17	39.14 2.33 1.33	50.13 2.64 -5.55	60.72 2.95 -10.93	65.21 3.73 -13.61	64.43 3.66 -12.61	45.67 3.11 3.93	41.70 2.91 4.02	39.49 2.55 1.72	34.13 2.28 2.24	30.90 1.72 1.61
HUNTINGTON_RES_REC 323705	33.57 3.00 -3.04	33.06 2.62 -6.40	30.78 2.30 -6.54	28.92 2.25 -5.62	26.87 2.13 -3.87	26.89 2.13 -3.94	28.28 2.24 -5.16	28.74 2.59 -3.84	33.09 2.88 -5.76	33.99 3.15 -4.17	33.08 3.34 0.38	35.88 3.24 -0.92	37.54 3.58 1.54	43.32 3.70 -2.22	46.02 3.78 -4.10	50.48 4.15 -4.39	141.02 4.26 -89.91	220.68 4.88 -167.93	211.77 4.48 -159.13	157.43 3.58 -107.36	42.31 3.30 3.79	39.54 3.05 2.17	47.99 2.73 -11.18	40.21 2.99 -6.43
HUNTLEY___63 23557	27.31 -0.22 0.00	24.00 -0.05 0.00	21.87 -0.07 0.00	20.80 -0.25 -0.01	20.39 -0.48 0.00	20.35 -0.48 0.00	20.62 -0.27 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.50	28.04 -0.18 1.90	30.43 0.03 1.32	32.87 -0.25 2.38	34.12 -0.22 3.05	36.10 -0.23 1.82	39.03 -0.50 2.40	41.13 -0.70 5.01	42.55 0.29 5.60	41.76 -0.24 6.15	38.43 -1.12 6.94	36.27 -0.86 5.69	33.17 -0.97 4.53	30.38 -0.55 3.16	28.57 0.06 2.28
HUNTLEY___64 23558	27.31 -0.22 0.00	24.00 -0.05 0.00	21.87 -0.07 0.00	20.80 -0.25 -0.01	20.39 -0.48 0.00	20.35 -0.48 0.00	20.62 -0.27 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.50	28.04 -0.18 1.90	30.43 0.03 1.32	32.87 -0.25 2.38	34.12 -0.22 3.05	36.10 -0.23 1.82	39.03 -0.50 2.40	41.13 -0.70 5.01	42.55 0.29 5.60	41.76 -0.24 6.15	38.43 -1.12 6.94	36.27 -0.86 5.69	33.17 -0.97 4.53	30.38 -0.55 3.16	28.57 0.06 2.28
HUNTLEY___65 23559	27.31 -0.22 0.00	24.00 -0.05 0.00	21.87 -0.07 0.00	20.80 -0.25 -0.01	20.39 -0.48 0.00	20.35 -0.48 0.00	20.62 -0.27 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.50	28.04 -0.18 1.90	30.43 0.03 1.32	32.87 -0.25 2.38	34.12 -0.22 3.05	36.10 -0.23 1.82	39.03 -0.50 2.40	41.13 -0.70 5.01	42.55 0.29 5.60	41.76 -0.24 6.15	38.43 -1.12 6.94	36.27 -0.86 5.69	33.17 -0.97 4.53	30.38 -0.55 3.16	28.57 0.06 2.28
HUNTLEY___66 23560	27.31 -0.22 0.00	24.00 -0.05 0.00	21.87 -0.07 0.00	20.80 -0.25 -0.01	20.39 -0.48 0.00	20.35 -0.48 0.00	20.62 -0.27 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.50	28.04 -0.18 1.90	30.43 0.03 1.32	32.87 -0.25 2.38	34.12 -0.22 3.05	36.10 -0.23 1.82	39.03 -0.50 2.40	41.13 -0.70 5.01	42.55 0.29 5.60	41.76 -0.24 6.15	38.43 -1.12 6.94	36.27 -0.86 5.69	33.17 -0.97 4.53	30.38 -0.55 3.16	28.57 0.06 2.28
HUNTLEY___67 23561	27.12 -0.41 0.00	23.80 -0.24 0.00	21.72 -0.22 0.00	20.63 -0.42 -0.01	20.25 -0.63 0.00	20.22 -0.60 0.00	20.49 -0.40 0.00	22.13 -0.18 0.00	24.24 -0.20 0.01	25.96 -0.21 0.50	27.86 -0.36 1.90	30.21 -0.19 1.32	32.59 -0.53 2.38	33.86 -0.49 3.05	35.80 -0.53 1.81	38.77 -0.80 2.37	40.82 -1.08 4.94	42.22 -0.10 5.55	41.43 -0.63 6.10	38.17 -1.39 6.92	35.98 -1.16 5.67	32.95 -1.20 4.51	30.15 -0.78 3.15	28.30 -0.22 2.27
HUNTLEY___68 23562	27.12 -0.41 0.00	23.80 -0.24 0.00	21.72 -0.22 0.00	20.63 -0.42 -0.01	20.25 -0.63 0.00	20.22 -0.60 0.00	20.49 -0.40 0.00	22.13 -0.18 0.00	24.24 -0.20 0.01	25.96 -0.21 0.50	27.86 -0.36 1.90	30.21 -0.19 1.32	32.59 -0.53 2.38	33.86 -0.49 3.05	35.80 -0.53 1.81	38.77 -0.80 2.37	40.82 -1.08 4.94	42.22 -0.10 5.55	41.43 -0.63 6.10	38.17 -1.39 6.92	35.98 -1.16 5.67	32.95 -1.20 4.51	30.15 -0.78 3.15	28.30 -0.22 2.27
HYLAND___LFGE 323620	28.91 1.38 0.00	25.27 1.23 0.00	23.12 1.18 0.00	21.81 0.76 -0.01	21.71 0.84 0.00	21.60 0.77 0.00	21.56 0.67 0.00	23.14 0.83 0.00	25.05 0.61 0.01	26.19 0.00 0.48	27.66 -0.63 1.83	29.78 -0.67 1.27	32.18 -1.03 2.29	33.26 -1.20 2.94	35.17 -1.22 1.75	38.28 -1.43 2.23	41.10 -1.08 4.67	42.90 0.38 5.35	44.16 1.88 5.88	42.49 2.60 6.60	40.49 3.08 5.40	36.84 2.48 4.30	33.37 2.28 3.00	30.78 2.15 2.17
INDECK___CORINTH 23802	29.76 2.23 0.00	25.90 1.85 0.00	23.60 1.67 0.00	22.68 1.58 -0.05	22.39 1.52 0.00	22.35 1.52 0.00	22.48 1.59 0.00	24.14 1.83 0.00	26.62 2.18 0.01	27.87 1.57 0.38	30.50 1.81 1.43	32.76 2.03 0.99	35.89 2.20 1.81	37.50 2.40 2.29	39.21 2.52 1.45	56.62 3.40 -11.29	73.22 3.75 -22.62	80.10 4.16 -28.07	78.99 4.24 -26.59	46.92 3.81 3.38	41.97 3.43 4.26	41.06 3.05 0.65	34.30 2.59 2.37	30.93 1.85 1.71
INDECK___ILION 23567	27.83 0.30 0.00	24.31 0.26 0.00	22.16 0.22 0.00	21.28 0.23 0.00	21.04 0.17 0.00	21.06 0.23 0.00	21.14 0.25 0.00	22.62 0.31 0.00	24.78 0.34 0.01	26.44 0.37 0.61	28.30 0.48 2.30	30.63 0.51 1.60	33.26 0.64 2.88	34.38 0.67 3.69	36.67 0.72 2.20	38.59 0.84 4.18	39.35 0.98 8.48	40.07 1.34 9.13	39.64 1.20 9.72	38.80 0.98 8.66	36.58 0.77 6.99	33.57 0.66 5.75	30.74 0.55 3.89	28.48 0.49 2.80
INDECK___OLEAN 23982	27.45 -0.08 0.00	24.14 0.10 0.00	22.18 0.24 0.00	20.84 -0.21 -0.01	20.62 -0.25 0.00	20.68 -0.14 0.00	20.72 -0.17 0.00	22.71 0.40 0.00	25.00 0.56 0.01	26.93 0.75 0.49	29.00 0.72 1.84	31.21 0.76 1.28	33.62 0.43 2.30	35.01 0.56 2.95	37.04 0.65 1.76	38.98 -0.88 2.07	41.46 -1.03 4.36	43.52 0.76 5.11	41.99 -0.53 5.64	38.69 -1.25 6.54	36.11 -1.33 5.37	32.97 -1.43 4.26	30.01 -1.09 2.98	27.90 -0.74 2.15
INDECK___OSWEGO 23783	28.37 -0.61 -1.45	23.51 -0.53 0.00	21.47 -0.46 0.00	20.57 -0.48 0.00	20.39 -0.48 0.00	20.39 -0.44 0.00	20.43 -0.46 0.00	21.71 -0.60 0.00	23.77 -0.68 0.00	26.06 -0.69 -0.08	29.69 -0.72 -0.30	31.17 -0.76 -0.21	35.09 -0.78 -0.37	37.09 -0.79 -0.48	37.67 -0.76 -0.29	37.70 -1.22 3.02	39.82 -1.36 5.67	40.69 -0.86 6.31	41.42 -0.82 5.92	46.26 -0.93 -0.70	42.80 -0.90 -0.89	37.98 -0.81 -0.13	34.14 -0.44 -0.50	30.75 -0.40 -0.36



INDECK___YERKES 23781	27.37 -0.16 0.00	24.04 0.00 0.00	22.22 0.28 0.00	20.84 -0.21 -0.01	20.70 -0.17 0.00	20.75 -0.08 0.00	20.64 -0.25 0.00	22.20 -0.11 0.00	24.39 -0.05 0.01	26.25 0.08 0.50	28.28 0.06 1.90	30.47 0.06 1.32	32.91 -0.21 2.38	34.23 -0.11 3.05	36.25 -0.08 1.82	39.07 -0.46 2.40	41.14 -0.70 5.01	42.27 0.00 5.60	42.05 0.05 6.15	38.99 -0.56 6.94	36.65 -0.47 5.69	33.25 -0.89 4.53	30.52 -0.41 3.16	28.60 0.09 2.28
INDIAN POINT_GT_1 24139	29.54 2.01 0.00	25.82 1.78 0.00	23.56 1.62 0.00	22.64 1.56 -0.04	22.21 1.34 0.00	22.20 1.37 0.00	22.41 1.52 0.00	24.12 1.81 0.00	26.47 2.03 0.01	28.57 2.24 0.34	31.36 2.53 1.29	33.36 2.54 0.90	36.60 2.70 1.60	38.09 2.77 2.07	39.76 2.78 1.17	49.55 3.35 -4.26	57.07 3.61 -6.61	60.03 4.16 -8.00	58.93 3.90 -6.87	45.40 3.02 4.11	41.65 2.65 3.81	38.96 2.51 2.21	34.18 2.22 2.12	31.42 2.16 1.53
INDIAN POINT_GT_2 23659	29.54 2.01 0.00	25.82 1.78 0.00	23.56 1.62 0.00	22.64 1.56 -0.04	22.21 1.34 0.00	22.20 1.37 0.00	22.41 1.52 0.00	24.12 1.81 0.00	26.47 2.03 0.01	28.57 2.24 0.34	31.36 2.53 1.29	33.36 2.54 0.90	36.60 2.70 1.60	38.09 2.77 2.07	39.76 2.78 1.17	49.55 3.35 -4.26	57.07 3.61 -6.61	60.03 4.16 -8.00	58.93 3.90 -6.87	45.40 3.02 4.11	41.65 2.65 3.81	38.96 2.51 2.21	34.18 2.22 2.12	31.42 2.16 1.53
INDIAN POINT_GT_3 24019	29.54 2.01 0.00	25.82 1.78 0.00	23.56 1.62 0.00	22.64 1.56 -0.04	22.21 1.34 0.00	22.20 1.37 0.00	22.41 1.52 0.00	24.12 1.81 0.00	26.47 2.03 0.01	28.57 2.24 0.34	31.36 2.53 1.29	33.36 2.54 0.90	36.60 2.70 1.60	38.09 2.77 2.07	39.76 2.78 1.17	49.55 3.35 -4.26	57.07 3.61 -6.61	60.03 4.16 -8.00	58.93 3.90 -6.87	45.40 3.02 4.11	41.65 2.65 3.81	38.96 2.51 2.21	34.18 2.22 2.12	31.42 2.16 1.53
INDIAN POINT___2 23530	29.49 1.95 0.00	25.78 1.73 0.00	23.47 1.53 0.00	22.62 1.54 -0.04	22.23 1.36 0.00	22.22 1.40 0.00	22.37 1.48 0.00	24.10 1.79 0.00	26.42 1.98 0.01	28.49 2.16 0.34	31.25 2.41 1.28	33.24 2.41 0.89	36.46 2.56 1.60	37.99 2.66 2.06	39.65 2.67 1.17	49.24 3.19 -4.12	56.77 3.52 -6.41	59.50 3.88 -7.76	58.57 3.76 -6.65	45.08 2.70 4.10	41.45 2.44 3.80	38.81 2.36 2.21	34.12 2.15 2.11	31.36 2.09 1.52
INDIAN POINT___3 23531	29.51 1.98 0.00	25.80 1.76 0.00	23.52 1.58 0.00	22.62 1.54 -0.04	22.19 1.31 0.00	22.20 1.37 0.00	22.39 1.50 0.00	24.07 1.76 0.00	26.42 1.98 0.01	28.49 2.16 0.34	31.24 2.41 1.29	33.24 2.41 0.90	36.49 2.59 1.60	37.98 2.65 2.07	39.64 2.67 1.17	49.39 3.19 -4.26	56.93 3.47 -6.62	59.85 3.97 -8.01	58.75 3.71 -6.88	45.17 2.79 4.11	41.48 2.48 3.81	38.85 2.40 2.21	34.11 2.15 2.12	31.32 2.06 1.53
INGHAM_C_115KV_TB7 356103	28.00 0.47 0.00	24.45 0.41 0.00	22.31 0.37 0.00	21.43 0.38 0.00	21.12 0.25 0.00	21.18 0.35 0.00	21.26 0.38 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.57 0.51 0.61	28.49 0.66 2.30	30.86 0.73 1.60	33.51 0.89 2.88	34.64 0.93 3.69	36.94 0.99 2.20	38.88 1.13 4.18	39.68 1.31 8.48	40.40 1.68 9.13	39.93 1.49 9.72	39.08 1.26 8.66	36.80 0.98 6.99	33.73 0.81 5.75	30.85 0.65 3.89	28.57 0.58 2.80
IP CORINTH___1 23988	29.76 2.23 0.00	25.90 1.85 0.00	23.62 1.69 0.00	22.68 1.58 -0.05	22.35 1.48 0.00	22.31 1.48 0.00	22.48 1.59 0.00	24.14 1.83 0.00	26.62 2.18 0.01	28.00 1.71 0.38	30.68 1.99 1.43	32.92 2.19 0.99	36.10 2.41 1.81	37.72 2.62 2.29	39.44 2.75 1.45	56.88 3.65 -11.29	73.45 3.98 -22.62	80.48 4.55 -28.07	79.13 4.38 -26.59	47.24 4.14 3.38	42.23 3.68 4.26	41.26 3.25 0.65	34.51 2.79 2.37	31.11 2.03 1.71
IP___TICONDEROGA 23804	31.58 4.05 0.00	27.46 3.41 0.00	25.03 3.09 0.00	23.90 2.80 -0.05	23.50 2.63 0.00	23.49 2.67 0.00	23.69 2.80 0.00	25.59 3.28 0.00	28.33 3.89 0.01	30.13 3.84 0.38	33.21 4.52 1.43	35.71 4.98 0.99	39.16 5.47 1.81	41.01 5.91 2.29	42.91 6.22 1.45	60.87 7.76 -11.17	77.89 8.62 -22.42	85.12 9.43 -27.83	83.82 9.29 -26.36	52.07 8.97 3.39	46.64 8.09 4.26	45.11 7.11 0.66	37.85 6.14 2.37	33.76 4.68 1.71
ISLIP_RES_REC 323679	34.21 3.63 -3.04	33.59 3.15 -6.40	31.26 2.79 -6.54	29.34 2.67 -5.62	27.31 2.57 -3.87	27.33 2.56 -3.94	28.74 2.70 -5.16	29.21 3.06 -3.84	33.60 3.40 -5.76	34.58 3.73 -4.17	33.30 3.89 0.71	39.59 3.90 -3.97	45.94 4.29 -6.15	44.07 4.49 -2.19	46.15 4.46 -3.55	51.24 4.95 -4.36	90.81 5.15 -38.81	123.36 5.74 -69.76	119.12 5.30 -65.66	89.75 4.42 -38.85	43.19 4.20 3.82	40.37 3.90 2.20	40.46 3.38 -3.00	37.77 3.63 -3.35
JAMAICA___27_KV_LOAD 355505	30.20 2.67 0.00	26.33 2.28 0.00	23.95 2.02 0.00	23.02 1.94 -0.04	22.58 1.71 0.00	22.58 1.75 0.00	22.83 1.94 0.00	24.61 2.30 0.00	27.06 2.62 0.01	29.26 2.93 0.34	31.96 3.13 1.29	34.00 3.17 0.90	37.20 3.30 1.61	38.76 3.44 2.08	40.44 3.47 1.17	50.48 4.19 -4.35	58.20 4.59 -6.76	61.21 5.17 -8.18	60.05 4.86 -7.03	45.90 3.53 4.12	42.28 3.30 3.83	39.55 3.09 2.21	35.02 3.07 2.13	32.15 2.89 1.53
JANIS___SOLAR 323808	29.31 1.49 -0.29	25.32 1.27 0.00	23.08 1.14 0.00	22.03 0.97 -0.01	21.77 0.90 0.00	21.81 0.98 0.00	21.81 0.92 0.00	23.92 1.61 0.00	26.13 1.69 0.01	28.05 1.79 0.41	30.62 2.05 1.55	32.83 2.19 1.08	36.19 2.63 1.94	37.75 2.84 2.49	39.64 2.98 1.48	44.00 3.02 0.96	48.41 3.75 2.18	48.16 3.59 3.29	48.37 3.95 3.73	45.32 3.86 5.02	42.09 3.43 4.15	38.33 2.90 3.24	34.27 2.49 2.30	31.31 2.19 1.66
JARVIS____ 23743	27.64 0.11 0.00	24.14 0.10 0.00	22.02 0.09 0.00	21.15 0.11 0.00	20.93 0.06 0.00	20.95 0.13 0.00	20.99 0.10 0.00	22.47 0.16 0.00	24.61 0.17 0.01	26.25 0.19 0.61	28.06 0.24 2.30	30.38 0.25 1.60	32.90 0.28 2.88	34.04 0.34 3.69	36.29 0.34 2.20	38.17 0.42 4.18	38.88 0.52 8.48	39.49 0.76 9.13	39.20 0.77 9.72	38.34 0.51 8.66	36.20 0.38 6.99	33.22 0.31 5.75	30.50 0.31 3.89	28.26 0.28 2.80
JENNISON___1 23625	29.47 1.73 -0.20	25.56 1.51 0.00	23.23 1.29 0.00	22.26 1.20 -0.01	21.89 1.02 0.00	21.93 1.10 0.00	22.02 1.13 0.00	24.10 1.78 0.00	26.42 1.98 0.01	28.41 2.16 0.43	31.04 2.53 1.61	33.36 2.76 1.12	36.75 3.27 2.02	38.29 3.48 2.58	40.23 3.62 1.54	45.71 3.77 0.00	51.01 4.54 0.38	50.88 4.40 1.38	50.46 4.24 1.94	45.35 4.04 5.18	42.03 3.60 4.37	38.59 3.17 3.24	34.31 2.66 2.43	31.41 2.37 1.75
JENNISON___2 23626	29.47 1.73 -0.20	25.56 1.51 0.00	23.23 1.29 0.00	22.26 1.20 -0.01	21.89 1.02 0.00	21.93 1.10 0.00	22.02 1.13 0.00	24.10 1.78 0.00	26.42 1.98 0.01	28.41 2.16 0.43	31.04 2.53 1.61	33.36 2.76 1.12	36.75 3.27 2.02	38.29 3.48 2.58	40.23 3.62 1.54	45.71 3.77 0.00	51.01 4.54 0.38	50.88 4.40 1.38	50.46 4.24 1.94	45.35 4.04 5.18	42.03 3.60 4.37	38.59 3.17 3.24	34.31 2.66 2.43	31.41 2.37 1.75

JERICO_RISE_WT_PWR 323719	27.59 0.06 0.00	24.09 0.05 0.00	21.91 -0.02 0.00	20.92 -0.13 0.00	20.89 0.02 0.00	20.95 0.13 0.00	20.97 0.08 0.00	22.40 0.09 0.00	24.62 0.17 0.00	26.86 0.32 0.14	29.91 0.30 0.51	31.78 0.41 0.36	35.42 0.57 0.65	37.09 0.52 0.83	38.18 0.53 0.49	41.07 0.17 1.04	45.04 0.28 2.09	45.21 0.00 2.65	45.40 0.05 2.80	44.47 0.33 2.35	41.39 0.47 1.89	37.37 0.27 1.57	33.14 0.10 1.05	30.03 0.00 0.76
KATONAH__115KV_46KV_TB4 355592	29.65 2.12 0.00	25.90 1.85 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.27 1.40 0.00	22.27 1.44 0.00	22.50 1.61 0.00	24.19 1.87 0.00	26.64 2.20 0.01	28.78 2.45 0.34	31.71 2.89 1.30	33.77 2.95 0.90	37.01 3.12 1.61	38.60 3.29 2.09	40.28 3.32 1.18	50.29 3.94 -4.42	57.87 4.12 -6.90	61.05 4.83 -8.35	59.98 4.62 -7.20	46.17 3.81 4.13	42.26 3.30 3.84	39.51 3.05 2.20	34.44 2.49 2.14	31.59 2.34 1.54
KCE_NY_1 323755	29.54 2.01 0.00	25.73 1.68 0.00	23.45 1.51 0.00	22.57 1.47 -0.05	22.29 1.42 0.00	22.25 1.42 0.00	22.37 1.48 0.00	23.96 1.65 0.00	26.35 1.91 0.01	28.16 1.87 0.38	30.83 2.14 1.43	33.05 2.31 0.99	36.17 2.48 1.81	37.80 2.69 2.29	39.48 2.78 1.45	56.46 3.52 -11.00	72.87 3.89 -22.14	79.61 4.26 -27.49	78.55 4.34 -26.06	46.94 3.86 3.40	42.02 3.47 4.26	41.11 3.13 0.68	34.48 2.76 2.37	31.27 2.19 1.71
KCE_NY_6_ESR 323823	27.53 0.00 0.00	24.19 0.15 0.00	22.27 0.33 0.00	20.91 -0.15 -0.01	20.73 -0.15 0.00	20.77 -0.06 0.00	20.76 -0.12 0.00	22.45 0.13 0.00	24.66 0.22 0.01	26.57 0.40 0.50	28.60 0.36 1.88	30.83 0.41 1.31	33.28 0.14 2.36	34.64 0.26 3.02	36.65 0.30 1.80	39.35 -0.29 2.30	41.62 -0.42 4.80	42.95 0.53 5.44	42.41 0.24 5.99	39.29 -0.37 6.82	36.83 -0.39 5.59	33.48 -0.74 4.44	30.60 -0.37 3.11	28.58 0.03 2.24
KEDC_PORT_JEFF_GT2 24210	33.93 3.36 -3.04	33.35 2.91 -6.40	31.06 2.59 -6.54	29.15 2.48 -5.62	27.10 2.36 -3.87	27.14 2.37 -3.94	28.55 2.51 -5.16	29.01 2.86 -3.84	33.36 3.16 -5.76	34.29 3.44 -4.17	32.97 3.52 0.67	38.41 3.43 -3.26	43.59 3.73 -4.36	43.29 3.70 -2.20	45.40 3.63 -3.63	50.37 4.07 -4.37	97.23 4.17 -46.22	136.55 4.69 -84.00	131.66 4.28 -79.22	98.71 3.44 -48.79	42.29 3.30 3.81	39.64 3.17 2.19	41.23 2.96 -4.18	37.72 3.30 -3.64
KEDC_PORT_JEFF_GT3 24211	33.93 3.36 -3.04	33.35 2.91 -6.40	31.06 2.59 -6.54	29.15 2.48 -5.62	27.10 2.36 -3.87	27.14 2.37 -3.94	28.55 2.51 -5.16	29.01 2.86 -3.84	33.36 3.16 -5.76	34.29 3.44 -4.17	32.97 3.52 0.67	38.41 3.43 -3.26	43.59 3.73 -4.36	43.29 3.70 -2.20	45.40 3.63 -3.63	50.37 4.07 -4.37	97.23 4.17 -46.22	136.55 4.69 -84.00	131.66 4.28 -79.22	98.71 3.44 -48.79	42.29 3.30 3.81	39.64 3.17 2.19	41.23 2.96 -4.18	37.72 3.30 -3.64
KEDC_GLWD_GT4 24219	33.22 2.64 -3.04	32.75 2.31 -6.40	30.51 2.04 -6.54	28.69 2.02 -5.62	26.58 1.84 -3.87	26.64 1.88 -3.94	28.03 1.99 -5.16	28.45 2.30 -3.84	32.80 2.59 -5.76	33.67 2.83 -4.17	32.18 3.19 1.13	35.89 3.27 -0.90	37.16 3.26 1.61	43.02 3.44 -2.18	44.79 3.43 -3.22	50.23 3.94 -4.35	57.78 4.17 -6.76	60.65 4.60 -8.19	59.48 4.28 -7.04	45.72 3.35 4.12	42.06 3.08 3.83	39.35 2.90 2.21	34.72 2.76 2.13	32.06 2.80 1.54
KEDC_GLWD_GT5 24220	33.22 2.64 -3.04	32.75 2.31 -6.40	30.51 2.04 -6.54	28.69 2.02 -5.62	26.58 1.84 -3.87	26.64 1.88 -3.94	28.03 1.99 -5.16	28.45 2.30 -3.84	32.80 2.59 -5.76	33.67 2.83 -4.17	32.18 3.19 1.13	35.89 3.27 -0.90	37.16 3.26 1.61	43.02 3.44 -2.18	44.79 3.43 -3.22	50.23 3.94 -4.35	57.78 4.17 -6.76	60.65 4.60 -8.19	59.48 4.28 -7.04	45.72 3.35 4.12	42.06 3.08 3.83	39.35 2.90 2.21	34.72 2.76 2.13	32.06 2.80 1.54
KENSICO____ 23655	29.65 2.12 0.00	25.92 1.88 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.29 1.42 0.00	22.31 1.48 0.00	22.50 1.61 0.00	24.21 1.90 0.00	26.57 2.13 0.01	28.68 2.35 0.34	31.45 2.62 1.29	33.46 2.63 0.90	36.73 2.84 1.61	38.23 2.92 2.08	39.91 2.94 1.17	49.75 3.48 -4.33	57.37 3.79 -6.73	60.31 4.31 -8.14	59.20 4.05 -7.00	45.49 3.11 4.11	41.72 2.74 3.82	39.08 2.63 2.21	34.31 2.35 2.13	31.53 2.28 1.53
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.73 2.20 0.00	25.92 1.88 0.00	23.60 1.67 0.00	22.68 1.60 -0.03	22.15 1.27 0.00	22.20 1.37 0.00	22.31 1.42 0.00	23.96 1.65 0.00	26.15 1.71 0.01	28.20 1.87 0.34	30.93 2.08 1.27	32.97 2.13 0.88	36.40 2.48 1.58	37.90 2.54 2.04	39.55 2.59 1.18	48.63 3.15 -3.55	56.35 3.61 -5.90	59.34 4.26 -7.22	58.47 4.05 -6.26	45.47 3.02 4.03	41.71 2.65 3.75	39.05 2.55 2.16	34.25 2.25 2.08	31.41 2.12 1.50
KIAC_JFK_GT1 23816	30.09 2.56 0.00	26.23 2.19 0.00	23.87 1.93 0.00	22.96 1.87 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.52 2.21 0.00	26.96 2.52 0.01	29.16 2.83 0.34	31.84 3.01 1.29	33.87 3.05 0.90	37.05 3.16 1.61	38.61 3.29 2.08	40.29 3.32 1.17	50.27 3.98 -4.35	57.96 4.36 -6.76	60.97 4.93 -8.18	59.81 4.62 -7.03	45.72 3.35 4.12	42.06 3.08 3.83	39.35 2.90 2.21	34.89 2.93 2.13	32.03 2.77 1.53
KIAC_JFK_GT2 23817	30.09 2.56 0.00	26.23 2.19 0.00	23.87 1.93 0.00	22.96 1.87 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.52 2.21 0.00	26.96 2.52 0.01	29.16 2.83 0.34	31.84 3.01 1.29	33.87 3.05 0.90	37.05 3.16 1.61	38.61 3.29 2.08	40.29 3.32 1.17	50.27 3.98 -4.35	57.96 4.36 -6.76	60.97 4.93 -8.18	59.81 4.62 -7.03	45.72 3.35 4.12	42.06 3.08 3.83	39.35 2.90 2.21	34.89 2.93 2.13	32.03 2.77 1.53
KIAC_JFK____ 323774	30.06 2.53 0.00	26.21 2.16 0.00	23.78 1.84 0.00	22.94 1.85 -0.04	22.56 1.69 0.00	22.54 1.71 0.00	22.73 1.84 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.10 2.77 0.34	31.78 2.95 1.29	33.80 2.98 0.90	37.02 3.12 1.61	38.61 3.29 2.08	40.21 3.24 1.17	50.19 3.90 -4.35	57.87 4.26 -6.76	60.79 4.74 -8.18	59.77 4.58 -7.04	45.49 3.11 4.12	41.98 3.00 3.83	39.31 2.86 2.21	34.85 2.90 2.13	32.03 2.77 1.53
KINTIGH____ 23543	26.98 -0.55 0.00	23.66 -0.38 0.00	21.56 -0.37 0.00	20.53 -0.53 0.00	20.18 -0.69 0.00	20.16 -0.67 0.00	20.41 -0.48 0.00	21.96 -0.36 0.00	24.02 -0.42 0.01	25.70 -0.45 0.52	27.57 -0.60 1.95	29.92 -0.44 1.36	32.31 -0.75 2.44	33.52 -0.75 3.13	35.48 -0.80 1.86	38.66 -0.67 2.60	40.51 -0.94 5.40	41.59 -0.38 5.89	41.26 -0.43 6.46	38.19 -1.07 7.22	36.00 -0.90 5.91	33.06 -0.89 4.71	30.25 -0.55 3.29	28.36 -0.06 2.37
KNTFSRNC_46_KV_46KV_LOAD 80397	27.97 0.44 0.00	24.43 0.38 0.00	22.20 0.26 0.00	21.17 0.13 0.00	21.21 0.33 0.00	21.25 0.42 0.00	21.22 0.33 0.00	22.65 0.33 0.00	24.91 0.46 0.00	27.18 0.64 0.13	30.28 0.66 0.50	32.20 0.82 0.35	35.83 0.96 0.63	37.64 1.05 0.80	38.69 1.03 0.48	41.44 0.50 1.00	45.67 0.84 2.01	45.86 0.57 2.58	46.20 0.77 2.73	45.02 0.84 2.30	42.07 1.11 1.85	37.90 0.77 1.53	33.57 0.51 1.03	30.42 0.37 0.74

LACHUTE____HYDRO 323717	31.58 4.05 0.00	27.46 3.41 0.00	25.03 3.09 0.00	23.90 2.80 -0.05	23.57 2.69 0.00	23.54 2.71 0.00	23.71 2.82 0.00	25.59 3.28 0.00	28.33 3.89 0.01	30.14 3.84 0.38	33.21 4.52 1.43	35.74 5.01 0.99	39.15 5.46 1.81	41.01 5.91 2.29	42.92 6.22 1.45	60.87 7.76 -11.17	77.89 8.62 -22.42	85.03 9.33 -27.83	84.06 9.54 -26.37	52.07 8.97 3.39	46.64 8.09 4.26	45.15 7.15 0.66	37.85 6.13 2.37	33.76 4.68 1.71
LAWRNCAV_115KV_TB1 80681	26.74 -0.88 -0.09	23.27 -0.77 0.00	21.17 -0.77 0.00	20.27 -0.78 0.00	20.22 -0.65 0.00	20.33 -0.50 0.00	20.28 -0.61 0.00	21.64 -0.67 0.00	23.71 -0.73 0.00	25.78 -0.72 0.17	28.65 -0.81 0.65	30.48 -0.79 0.45	33.90 -0.78 0.82	35.52 -0.82 1.05	36.72 -0.80 0.62	39.18 -1.34 1.41	42.75 -1.26 2.83	42.65 -1.82 3.39	43.10 -1.49 3.56	42.68 -0.98 2.83	39.81 -0.73 2.27	36.03 -0.73 1.90	32.04 -0.78 1.26	29.11 -0.77 0.91
LEDERLE____ 23769	29.65 2.12 0.00	25.92 1.88 0.00	23.62 1.69 0.00	22.70 1.62 -0.03	22.23 1.36 0.00	22.27 1.44 0.00	22.43 1.55 0.00	24.16 1.85 0.00	26.50 2.05 0.01	28.57 2.24 0.34	31.34 2.50 1.28	33.34 2.51 0.89	36.64 2.73 1.59	38.15 2.80 2.05	39.80 2.82 1.16	49.32 3.40 -3.99	56.74 3.70 -6.20	59.62 4.26 -7.50	58.52 3.95 -6.42	45.42 3.02 4.09	41.68 2.65 3.78	39.00 2.55 2.21	34.27 2.28 2.10	31.46 2.19 1.52
LIGHTHSE_115KV_TB6 355974	28.04 -0.28 -0.78	23.78 -0.26 0.00	21.67 -0.26 0.00	20.78 -0.27 0.00	20.56 -0.31 0.00	20.54 -0.29 0.00	20.62 -0.27 0.00	21.96 -0.36 0.00	24.01 -0.44 0.00	26.10 -0.40 0.17	29.03 -0.45 0.64	30.87 -0.41 0.44	34.31 -0.39 0.80	35.99 -0.37 1.03	37.26 -0.27 0.61	38.36 -0.55 3.03	40.33 -0.61 5.91	41.51 0.05 6.40	41.84 0.10 6.41	43.90 0.14 2.73	40.85 0.09 2.04	36.84 0.15 1.98	33.09 0.14 1.13	30.06 0.09 0.82
LINDEN COGEN____ 23786	29.79 2.26 0.00	25.99 1.95 0.00	23.63 1.69 0.00	22.79 1.70 -0.04	22.38 1.50 0.00	22.37 1.54 0.00	22.56 1.67 0.00	24.30 1.99 0.00	26.69 2.25 0.01	28.81 2.48 0.34	31.59 2.77 1.29	33.55 2.73 0.90	36.70 2.80 1.61	38.24 2.92 2.08	39.87 2.90 1.17	49.73 3.44 -4.35	57.36 3.75 -6.76	60.21 4.16 -8.18	59.15 3.95 -7.04	45.07 2.70 4.12	41.51 2.53 3.83	38.93 2.48 2.21	34.34 2.39 2.13	31.72 2.46 1.53
LINDHRST_69_KV_BK1 356055	33.96 3.39 -3.04	33.40 2.96 -6.40	31.13 2.65 -6.54	29.22 2.55 -5.62	27.04 2.30 -3.87	27.12 2.35 -3.94	28.55 2.51 -5.16	29.01 2.86 -3.84	33.41 3.20 -5.76	34.34 3.49 -4.17	32.75 3.67 1.04	37.68 3.71 -2.24	41.75 4.08 -2.16	43.80 4.23 -2.18	45.59 4.20 -3.25	50.73 4.45 -4.35	61.24 4.73 -9.67	66.98 5.36 -13.76	65.22 4.72 -12.34	50.26 4.00 0.23	43.05 4.07 3.83	40.17 3.71 2.21	35.49 3.07 1.66	33.83 3.42 0.37
LIPA_MISC_IPP 23656	33.88 3.30 -3.04	33.33 2.89 -6.40	31.08 2.61 -6.54	29.13 2.46 -5.62	27.00 2.25 -3.87	27.08 2.31 -3.94	28.55 2.51 -5.16	28.99 2.83 -3.84	33.33 3.13 -5.76	34.31 3.47 -4.17	32.95 3.55 0.72	37.08 3.49 -1.87	44.23 3.83 -4.90	43.63 4.04 -2.19	45.71 4.01 -3.56	50.49 4.19 -4.36	91.53 4.45 -40.23	125.42 5.07 -72.48	120.94 4.53 -68.26	91.05 3.81 -40.76	42.76 3.77 3.82	39.90 3.44 2.20	40.14 2.83 -3.22	37.21 3.23 -3.19
LISF____SOLAR 323691	33.99 3.41 -3.04	33.37 2.93 -6.40	31.08 2.61 -6.54	29.17 2.50 -5.62	27.08 2.34 -3.87	27.16 2.39 -3.94	28.59 2.55 -5.16	29.03 2.88 -3.84	33.38 3.18 -5.76	34.37 3.52 -4.17	32.99 3.58 0.71	38.77 3.55 -3.50	44.37 3.91 -4.96	43.74 4.15 -2.19	45.80 4.08 -3.57	50.83 4.53 -4.36	92.16 4.68 -40.63	126.38 5.27 -73.25	122.01 4.86 -68.99	91.82 4.04 -41.29	42.84 3.85 3.82	39.98 3.52 2.20	40.40 3.03 -3.29	37.36 3.33 -3.24
LITTLE FALLS____HYD 24013	28.00 0.47 0.00	24.45 0.41 0.00	22.31 0.37 0.00	21.43 0.38 0.00	21.12 0.25 0.00	21.18 0.35 0.00	21.26 0.38 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.57 0.51 0.61	28.49 0.66 2.30	30.86 0.73 1.60	33.51 0.89 2.88	34.64 0.93 3.69	36.94 0.99 2.20	38.88 1.13 4.18	39.68 1.31 8.48	40.40 1.68 9.13	39.93 1.49 9.72	39.08 1.26 8.66	36.80 0.98 6.99	33.73 0.81 5.75	30.85 0.65 3.89	28.57 0.58 2.80
LITTLRIV_115KV_TB1 356100	27.05 -0.58 -0.10	23.51 -0.53 0.00	21.39 -0.55 0.00	20.46 -0.59 0.00	20.41 -0.46 0.00	20.54 -0.29 0.00	20.47 -0.42 0.00	21.87 -0.45 0.00	23.96 -0.49 0.00	26.07 -0.43 0.18	28.97 -0.48 0.67	30.84 -0.41 0.47	34.34 -0.32 0.84	35.98 -0.34 1.08	37.20 -0.31 0.64	39.64 -0.84 1.46	43.27 -0.66 2.92	43.09 -1.29 3.48	43.58 -0.91 3.66	43.36 -0.23 2.89	40.45 -0.04 2.32	36.61 -0.12 1.94	32.52 -0.27 1.29	29.52 -0.34 0.93
LI_NEWBRDGE____DRP 323616	33.16 2.59 -3.04	32.73 2.28 -6.40	30.54 2.06 -6.54	28.67 2.00 -5.62	26.52 1.77 -3.87	26.58 1.81 -3.94	28.01 1.96 -5.16	28.43 2.28 -3.84	32.75 2.54 -5.76	33.62 2.77 -4.17	31.91 2.92 1.13	35.54 2.92 -0.90	37.05 3.16 1.61	42.83 3.25 -2.18	44.64 3.28 -3.22	49.77 3.48 -4.35	57.31 3.70 -6.76	60.26 4.21 -8.18	58.81 3.61 -7.04	45.30 2.93 4.12	41.85 2.87 3.83	39.12 2.67 2.21	34.21 2.25 2.13	31.81 2.56 1.54
LOCKPORT_115KV_TB60_63_64 80432	27.06 -0.47 0.00	23.76 -0.29 0.00	21.78 -0.15 0.00	20.59 -0.46 -0.01	20.31 -0.56 0.00	20.27 -0.56 0.00	20.51 -0.38 0.00	22.04 -0.27 0.00	24.12 -0.32 0.01	25.82 -0.35 0.50	27.73 -0.48 1.91	30.11 -0.29 1.33	32.47 -0.64 2.39	33.73 -0.60 3.06	35.67 -0.65 1.82	38.58 -0.88 2.47	40.58 -1.12 5.15	41.92 -0.24 5.70	41.27 -0.63 6.26	38.09 -1.39 7.00	35.96 -1.11 5.73	32.93 -1.16 4.57	30.15 -0.75 3.19	28.37 -0.12 2.30
LOCKPORT____CC1 323769	27.20 -0.33 0.00	23.92 -0.12 0.00	21.96 0.02 0.00	20.61 -0.44 -0.01	20.43 -0.44 0.00	20.47 -0.35 0.00	20.51 -0.38 0.00	22.00 -0.31 0.00	24.15 -0.29 0.01	25.98 -0.19 0.50	27.91 -0.30 1.90	30.11 -0.29 1.32	32.47 -0.64 2.39	33.77 -0.56 3.06	35.79 -0.53 1.82	38.55 -0.92 2.46	40.55 -1.17 5.12	41.61 -0.57 5.68	41.53 -0.39 6.24	38.56 -0.93 6.99	36.27 -0.81 5.73	32.94 -1.16 4.56	30.25 -0.65 3.18	28.34 -0.15 2.30
LOCKPORT____CC2 323770	27.20 -0.33 0.00	23.92 -0.12 0.00	21.96 0.02 0.00	20.61 -0.44 -0.01	20.43 -0.44 0.00	20.47 -0.35 0.00	20.51 -0.38 0.00	22.00 -0.31 0.00	24.15 -0.29 0.01	25.98 -0.19 0.50	27.91 -0.30 1.90	30.11 -0.29 1.32	32.47 -0.64 2.39	33.77 -0.56 3.06	35.79 -0.53 1.82	38.55 -0.92 2.46	40.55 -1.17 5.12	41.61 -0.57 5.68	41.53 -0.39 6.24	38.56 -0.93 6.99	36.27 -0.81 5.73	32.94 -1.16 4.56	30.25 -0.65 3.18	28.34 -0.15 2.30
LOCKPORT____CC3 323771	27.20 -0.33 0.00	23.92 -0.12 0.00	21.96 0.02 0.00	20.61 -0.44 -0.01	20.43 -0.44 0.00	20.47 -0.35 0.00	20.51 -0.38 0.00	22.00 -0.31 0.00	24.15 -0.29 0.01	25.98 -0.19 0.50	27.91 -0.30 1.90	30.11 -0.29 1.32	32.47 -0.64 2.39	33.77 -0.56 3.06	35.79 -0.53 1.82	38.55 -0.92 2.46	40.55 -1.17 5.12	41.61 -0.57 5.68	41.53 -0.39 6.24	38.56 -0.93 6.99	36.27 -0.81 5.73	32.94 -1.16 4.56	30.25 -0.65 3.18	28.34 -0.15 2.30

LONG_LAKE_PHOENIX 24014	28.10 -0.52 -1.10	23.56 -0.48 0.00	21.50 -0.44 0.00	20.61 -0.44 0.00	20.39 -0.48 0.00	20.37 -0.46 0.00	20.47 -0.42 0.00	21.78 -0.54 0.00	23.84 -0.61 0.00	25.97 -0.64 0.06	29.23 -0.66 0.22	30.93 -0.63 0.16	34.58 -0.64 0.28	36.40 -0.64 0.36	37.32 -0.61 0.21	38.16 -0.71 3.07	40.13 -0.84 5.88	41.31 -0.14 6.41	41.63 -0.29 6.24	44.81 -0.46 1.21	41.59 -0.47 0.74	37.19 -0.43 1.05	33.33 -0.34 0.41	30.18 -0.31 0.30
LOVETT___3 23632	29.46 1.93 0.00	25.77 1.73 0.00	23.49 1.56 0.00	22.60 1.52 -0.03	22.15 1.27 0.00	22.16 1.33 0.00	22.35 1.46 0.00	24.05 1.74 0.00	26.40 1.96 0.01	28.47 2.13 0.34	31.19 2.35 1.28	33.15 2.32 0.89	36.39 2.48 1.59	37.88 2.54 2.06	39.53 2.56 1.16	49.02 3.06 -4.03	56.43 3.33 -6.26	59.31 3.88 -7.57	58.21 3.56 -6.49	45.09 2.70 4.09	41.38 2.35 3.78	38.73 2.28 2.21	34.03 2.05 2.10	31.24 1.97 1.52
LOVETT___4 23642	29.46 1.93 0.00	25.77 1.73 0.00	23.49 1.56 0.00	22.60 1.52 -0.03	22.15 1.27 0.00	22.16 1.33 0.00	22.35 1.46 0.00	24.05 1.74 0.00	26.40 1.96 0.01	28.47 2.13 0.34	31.19 2.35 1.28	33.15 2.32 0.89	36.39 2.48 1.59	37.88 2.54 2.06	39.53 2.56 1.16	49.02 3.06 -4.03	56.43 3.33 -6.26	59.31 3.88 -7.57	58.21 3.56 -6.49	45.09 2.70 4.09	41.38 2.35 3.78	38.73 2.28 2.21	34.03 2.05 2.10	31.24 1.97 1.52
LOVETT___5 23593	29.46 1.93 0.00	25.77 1.73 0.00	23.49 1.56 0.00	22.60 1.52 -0.03	22.15 1.27 0.00	22.16 1.33 0.00	22.35 1.46 0.00	24.05 1.74 0.00	26.40 1.96 0.01	28.47 2.13 0.34	31.19 2.35 1.28	33.15 2.32 0.89	36.39 2.48 1.59	37.88 2.54 2.06	39.53 2.56 1.16	49.02 3.06 -4.03	56.43 3.33 -6.26	59.31 3.88 -7.57	58.21 3.56 -6.49	45.09 2.70 4.09	41.38 2.35 3.78	38.73 2.28 2.21	34.03 2.05 2.10	31.24 1.97 1.52
LOWER RAQUET___HYD 24057	26.65 -0.99 -0.10	23.15 -0.89 0.00	21.06 -0.88 0.00	20.17 -0.88 0.00	20.04 -0.84 0.00	20.16 -0.67 0.00	20.18 -0.71 0.00	21.53 -0.78 0.00	23.61 -0.83 0.00	25.64 -0.85 0.18	28.47 -0.96 0.69	30.32 -0.92 0.48	33.75 -0.89 0.86	35.32 -0.97 1.10	36.53 -0.95 0.66	38.97 -1.47 1.50	42.38 -1.45 3.01	42.42 -1.87 3.57	42.68 -1.73 3.75	42.42 -1.12 2.95	39.59 -0.86 2.36	35.87 -0.81 1.98	31.89 -0.89 1.31	28.95 -0.89 0.95
LOWER___HUDSON 24059	28.96 1.43 0.00	25.22 1.18 0.00	23.03 1.10 0.00	22.21 1.11 -0.05	21.92 1.04 0.00	21.89 1.06 0.00	22.02 1.13 0.00	23.54 1.23 0.00	25.81 1.37 0.01	27.66 1.36 0.37	30.25 1.54 1.41	32.33 1.59 0.98	35.38 1.67 1.79	36.93 1.79 2.26	38.52 1.83 1.45	53.28 2.30 -9.04	68.17 2.53 -18.79	74.20 2.87 -23.46	73.28 2.84 -22.29	45.37 2.42 3.53	40.79 2.18 4.20	39.74 2.01 0.93	33.52 1.77 2.34	30.55 1.45 1.69
LOWVILLE_115KV_TB2 356335	28.01 0.25 -0.24	24.21 0.17 0.00	22.02 0.09 0.00	21.13 0.08 0.00	20.91 0.04 0.00	20.91 0.08 0.00	20.95 0.06 0.00	22.42 0.11 0.00	24.54 0.10 0.01	26.45 0.16 0.38	28.88 0.18 1.42	30.99 0.25 0.99	34.14 0.43 1.79	35.67 0.56 2.29	37.43 0.65 1.36	39.28 0.46 3.12	41.34 0.75 6.25	42.04 1.01 6.83	42.20 1.20 7.16	42.53 1.58 5.54	39.79 1.41 4.43	36.17 1.24 3.72	32.58 0.95 2.46	29.78 0.77 1.78
LUTHERFT_115KV_GLOB_FND_222 355753	29.51 1.98 0.00	25.70 1.66 0.00	23.47 1.54 0.00	22.57 1.47 -0.05	22.23 1.36 0.00	22.20 1.37 0.00	22.35 1.46 0.00	23.96 1.65 0.00	26.35 1.91 0.01	28.13 1.84 0.38	30.83 2.14 1.43	33.02 2.28 0.99	36.18 2.48 1.81	37.76 2.65 2.29	39.48 2.78 1.45	56.42 3.48 -11.00	72.83 3.84 -22.14	79.71 4.36 -27.49	78.40 4.19 -26.05	46.94 3.86 3.40	42.02 3.47 4.26	41.07 3.09 0.68	34.45 2.73 2.37	31.24 2.16 1.71
LUTHERNY_35_KV_BK2 355980	29.54 2.01 0.00	25.73 1.68 0.00	23.49 1.56 0.00	22.57 1.47 -0.05	22.23 1.36 0.00	22.20 1.37 0.00	22.35 1.46 0.00	23.96 1.65 0.00	26.35 1.91 0.01	28.16 1.87 0.38	30.83 2.14 1.43	33.02 2.28 0.99	36.21 2.52 1.81	37.80 2.69 2.29	39.48 2.78 1.45	56.46 3.52 -11.00	72.87 3.89 -22.14	79.75 4.40 -27.49	78.45 4.24 -26.05	46.99 3.90 3.40	42.06 3.51 4.26	41.11 3.13 0.68	34.48 2.76 2.37	31.27 2.19 1.71
LWR___OSWEGATCHIE_HYD 23850	27.10 -0.63 -0.20	23.44 -0.60 0.00	21.32 -0.61 0.00	20.44 -0.61 0.00	20.35 -0.52 0.00	20.37 -0.46 0.00	20.35 -0.54 0.00	21.73 -0.58 0.00	23.78 -0.66 0.01	25.81 -0.61 0.25	28.42 -0.75 0.94	30.37 -0.70 0.66	33.64 -0.67 1.18	35.24 -0.64 1.51	36.67 -0.57 0.90	38.74 -1.01 2.19	41.58 -0.89 4.38	41.92 -1.01 4.94	42.28 -0.72 5.16	42.41 -0.23 3.84	39.62 -0.13 3.06	35.91 -0.15 2.59	32.11 -0.27 1.70	29.22 -0.34 1.23
LYONS_FALL_HYD 23570	28.14 0.44 -0.17	24.38 0.34 0.00	22.18 0.24 0.00	21.28 0.23 0.00	21.04 0.17 0.00	21.10 0.27 0.00	21.10 0.21 0.00	22.62 0.31 0.00	24.76 0.32 0.01	26.63 0.40 0.44	28.95 0.51 1.68	31.13 0.57 1.17	34.21 0.82 2.10	35.64 0.94 2.69	37.57 1.03 1.60	39.49 0.97 3.41	41.24 1.27 6.87	41.84 1.43 7.46	41.93 1.64 7.87	41.86 1.81 6.43	39.23 1.58 5.17	35.71 1.35 4.30	32.30 1.09 2.87	29.61 0.89 2.07
MADISON___COUNTY_LFGE 323628	28.48 0.77 -0.18	24.69 0.65 0.00	22.48 0.55 0.00	21.56 0.51 0.00	21.25 0.38 0.00	21.29 0.46 0.00	21.35 0.46 0.00	22.96 0.65 0.00	25.15 0.71 0.01	26.98 0.77 0.47	29.35 0.99 1.77	31.60 1.11 1.23	34.70 1.42 2.22	36.09 1.53 2.84	38.09 1.64 1.69	40.28 1.80 3.46	41.98 2.11 6.98	42.72 2.39 7.54	42.45 2.26 7.97	41.90 2.14 6.73	39.32 1.93 5.41	35.84 1.66 4.48	32.44 1.36 3.01	29.82 1.20 2.17
MALONE___115KV_TB1 356076	27.50 -0.03 0.00	24.02 -0.02 0.00	21.85 -0.09 0.00	20.84 -0.21 0.00	20.85 -0.02 0.00	20.93 0.10 0.00	20.91 0.02 0.00	22.31 0.00 0.00	24.52 0.07 0.00	26.76 0.24 0.15	29.77 0.21 0.56	31.68 0.35 0.39	35.26 0.46 0.70	36.98 0.49 0.90	38.11 0.50 0.53	40.66 -0.13 1.15	44.67 0.14 2.32	44.74 -0.24 2.88	45.12 0.00 3.04	44.22 0.23 2.50	41.27 0.47 2.01	37.26 0.27 1.67	33.04 0.07 1.11	29.92 -0.06 0.80
MAPLEWOD_115KV_TB3 80458	28.93 1.40 0.00	25.20 1.15 0.00	23.03 1.10 0.00	22.17 1.07 -0.05	21.83 0.96 0.00	21.81 0.98 0.00	21.95 1.07 0.00	23.47 1.16 0.00	25.79 1.34 0.01	27.71 1.41 0.37	30.35 1.63 1.40	32.43 1.68 0.97	35.57 1.85 1.77	37.13 1.98 2.25	38.75 2.02 1.42	52.78 2.56 -8.29	66.56 2.81 -16.90	72.23 3.30 -21.06	71.18 3.13 -19.90	45.58 2.74 3.65	41.08 2.44 4.17	39.76 2.24 1.15	33.74 1.98 2.32	30.69 1.57 1.67
MAPLE RIDGE_WT_1 323574	27.45 -0.08 0.00	23.97 -0.07 0.00	21.89 -0.04 0.00	21.03 -0.02 0.00	20.85 -0.02 0.00	20.85 0.02 0.00	20.89 0.00 0.00	22.31 0.00 0.00	24.46 0.02 0.01	26.13 0.05 0.60	27.94 0.09 2.27	30.18 0.03 1.58	32.66 0.04 2.84	33.79 0.04 3.64	36.05 0.08 2.17	38.01 0.17 4.09	38.82 0.28 8.31	41.17 -0.05 6.65	41.03 -0.05 7.08	40.13 -0.05 6.31	37.58 -0.13 5.10	34.28 -0.19 4.19	31.02 -0.24 2.83	28.47 -0.28 2.04

MAPLE_RIDGE_WT_2 323611	27.45 -0.08 0.00	23.97 -0.07 0.00	21.89 -0.04 0.00	21.03 -0.02 0.00	20.85 -0.02 0.00	20.85 0.02 0.00	20.89 0.00 0.00	22.31 0.00 0.00	24.46 0.02 0.01	26.13 0.05 0.60	27.94 0.09 2.27	30.18 0.03 1.58	32.66 0.00 2.84	33.79 0.04 3.64	36.05 0.08 2.17	38.01 0.17 4.09	38.82 0.28 8.31	41.17 -0.05 6.65	41.03 -0.05 7.08	40.13 -0.05 6.31	37.58 -0.13 5.10	34.28 -0.19 4.19	31.02 -0.24 2.83	28.47 -0.28 2.04
MARBLE_RIVER_WT_PWR 323696	27.70 0.17 0.00	24.19 0.15 0.00	22.00 0.07 0.00	21.01 -0.04 0.00	20.96 0.08 0.00	21.02 0.19 0.00	21.04 0.15 0.00	22.47 0.16 0.00	24.72 0.27 0.00	26.94 0.40 0.13	30.04 0.42 0.50	31.92 0.54 0.35	35.55 0.67 0.62	37.27 0.67 0.80	38.32 0.65 0.47	41.24 0.30 0.99	45.28 0.42 1.99	45.55 0.24 2.55	45.70 0.24 2.70	44.67 0.46 2.28	41.57 0.60 1.84	37.57 0.43 1.52	33.27 0.21 1.02	30.15 0.09 0.74
MARSHVLE_115KV_TB1 80742	29.71 2.17 0.00	25.87 1.83 0.00	23.54 1.60 0.00	22.62 1.52 -0.06	22.33 1.46 0.00	22.25 1.42 0.00	22.27 1.38 0.00	24.05 1.74 0.00	26.42 1.98 0.01	28.39 2.11 0.39	31.05 2.41 1.47	33.39 2.70 1.03	36.62 2.98 1.86	38.20 3.18 2.37	40.00 3.32 1.46	55.87 4.07 -9.87	70.99 4.78 -19.36	77.09 5.31 -23.91	75.89 5.25 -22.49	47.76 5.02 3.74	43.04 4.58 4.35	41.81 4.25 1.10	35.24 3.58 2.42	31.88 2.83 1.75
MARSH_HILL_WT_PWR 323713	28.42 0.77 -0.12	24.79 0.75 0.00	22.72 0.79 0.00	21.41 0.36 -0.01	21.20 0.33 0.00	21.27 0.44 0.00	21.28 0.40 0.00	23.23 0.92 0.00	25.51 1.07 0.01	27.49 1.28 0.46	29.75 1.39 1.76	31.99 1.49 1.22	34.75 1.46 2.20	36.18 1.61 2.82	38.14 1.68 1.68	41.28 1.22 1.87	44.28 1.40 3.97	45.32 2.30 4.84	44.99 2.17 5.34	41.87 1.53 6.15	39.05 1.28 5.04	35.51 0.85 4.00	32.20 0.92 2.80	29.75 0.99 2.02
MCINTYRE_115KV_TB2 80467	27.20 -0.33 0.00	23.76 -0.29 0.00	21.58 -0.35 0.00	20.65 -0.40 0.00	20.64 -0.23 0.00	20.75 -0.08 0.00	20.66 -0.23 0.00	22.07 -0.25 0.00	24.18 -0.27 0.00	26.29 -0.21 0.17	29.23 -0.24 0.64	31.12 -0.16 0.45	34.66 -0.04 0.81	36.32 -0.04 1.03	37.53 0.00 0.62	40.05 -0.50 1.38	43.79 -0.28 2.78	43.56 -0.96 3.34	44.11 -0.53 3.51	43.92 0.23 2.80	40.95 0.39 2.24	37.06 0.27 1.88	32.87 0.03 1.25	29.86 -0.03 0.90
MECO____69_KV_BK1 80468	30.97 3.44 0.00	26.88 2.84 0.00	24.48 2.54 0.00	23.44 2.34 -0.06	22.79 1.92 0.00	23.06 2.23 0.00	23.19 2.30 0.00	25.03 2.72 0.00	27.52 3.08 0.01	29.59 3.31 0.39	32.39 3.73 1.46	34.93 4.22 1.02	38.20 4.54 1.85	39.94 4.90 2.35	41.99 5.30 1.46	59.25 6.63 -10.69	75.64 7.78 -21.02	82.60 8.76 -25.98	81.45 8.81 -24.49	51.62 8.74 3.60	46.52 8.05 4.33	44.98 7.23 0.91	37.81 6.14 2.41	33.79 4.74 1.74
MENANDS__115KV_TB5 355628	28.63 1.10 0.00	24.96 0.91 0.00	22.81 0.88 0.00	21.98 0.88 -0.05	21.64 0.77 0.00	21.62 0.79 0.00	21.77 0.88 0.00	23.25 0.94 0.00	25.52 1.08 0.01	27.42 1.12 0.37	29.99 1.26 1.39	32.06 1.30 0.97	35.12 1.38 1.77	36.65 1.50 2.24	38.26 1.53 1.41	51.53 1.97 -7.63	64.69 2.15 -15.69	69.98 2.54 -19.58	69.06 2.41 -18.49	44.78 2.00 3.70	40.41 1.76 4.15	39.04 1.62 1.25	33.24 1.47 2.31	30.30 1.17 1.66
MG INDUSTRY__DRP 24185	28.71 1.18 0.00	25.03 0.99 0.00	22.88 0.94 0.00	22.04 0.95 -0.05	21.69 0.81 0.00	21.68 0.85 0.00	21.81 0.92 0.00	23.32 1.00 0.00	25.57 1.12 0.01	27.48 1.17 0.36	30.08 1.33 1.37	32.14 1.36 0.95	35.27 1.49 1.72	36.81 1.61 2.19	38.43 1.64 1.36	49.78 2.10 -5.75	60.65 2.25 -11.55	64.97 2.68 -14.42	64.15 2.55 -13.44	44.80 2.23 3.92	40.75 2.01 4.07	38.82 1.82 1.66	33.46 1.64 2.26	30.51 1.35 1.63
MID__OSWEGATCHIE_HYD 23849	27.10 -0.63 -0.20	23.44 -0.60 0.00	21.32 -0.61 0.00	20.44 -0.61 0.00	20.35 -0.52 0.00	20.37 -0.46 0.00	20.35 -0.54 0.00	21.73 -0.58 0.00	23.78 -0.66 0.01	25.81 -0.61 0.25	28.42 -0.75 0.94	30.37 -0.70 0.66	33.64 -0.67 1.18	35.24 -0.64 1.51	36.67 -0.57 0.90	38.74 -1.01 2.19	41.58 -0.89 4.38	41.92 -1.01 4.94	42.28 -0.72 5.16	42.41 -0.23 3.84	39.62 -0.13 3.06	35.91 -0.15 2.59	32.11 -0.27 1.70	29.22 -0.34 1.23
MID__RAQUETTE_HYD 23851	26.64 -0.99 -0.10	23.15 -0.89 0.00	21.06 -0.88 0.00	20.16 -0.88 0.00	20.12 -0.75 0.00	20.22 -0.60 0.00	20.18 -0.71 0.00	21.53 -0.78 0.00	23.59 -0.86 0.00	25.66 -0.83 0.18	28.47 -0.96 0.69	30.33 -0.92 0.48	33.72 -0.92 0.86	35.32 -0.97 1.10	36.53 -0.95 0.66	38.93 -1.51 1.50	42.39 -1.45 3.01	42.28 -2.01 3.57	42.72 -1.69 3.75	42.42 -1.12 2.95	39.59 -0.86 2.36	35.83 -0.85 1.98	31.89 -0.89 1.31	28.95 -0.89 0.95
MILLIKEN__1 23584	28.61 0.69 -0.40	24.62 0.58 0.00	22.44 0.50 0.00	21.46 0.40 -0.01	21.18 0.31 0.00	21.20 0.37 0.00	21.31 0.42 0.00	23.29 0.98 0.00	25.52 1.08 0.01	27.50 1.20 0.37	30.11 1.39 1.40	32.30 1.55 0.97	35.56 1.81 1.75	37.05 1.91 2.25	38.79 1.98 1.34	42.26 2.05 1.73	45.57 2.34 3.62	45.52 2.44 4.78	45.36 2.31 5.11	43.69 2.31 4.70	40.72 1.71 3.80	37.02 1.47 3.11	33.23 1.26 2.11	30.43 1.17 1.53
MILLIKEN__2 23585	28.61 0.69 -0.40	24.62 0.58 0.00	22.44 0.50 0.00	21.46 0.40 -0.01	21.18 0.31 0.00	21.20 0.37 0.00	21.31 0.42 0.00	23.29 0.98 0.00	25.52 1.08 0.01	27.50 1.20 0.37	30.11 1.39 1.40	32.30 1.55 0.97	35.56 1.81 1.75	37.05 1.91 2.25	38.79 1.98 1.34	42.26 2.05 1.73	45.57 2.34 3.62	45.52 2.44 4.78	45.36 2.31 5.11	43.69 2.31 4.70	40.72 1.71 3.80	37.02 1.47 3.11	33.23 1.26 2.11	30.43 1.17 1.53
MILLIKEN__DIESEL 23629	28.61 0.69 -0.40	24.62 0.58 0.00	22.44 0.50 0.00	21.46 0.40 -0.01	21.18 0.31 0.00	21.20 0.37 0.00	21.31 0.42 0.00	23.29 0.98 0.00	25.52 1.08 0.01	27.50 1.20 0.37	30.11 1.39 1.40	32.30 1.55 0.97	35.56 1.81 1.75	37.05 1.91 2.25	38.79 1.98 1.34	42.26 2.05 1.73	45.57 2.34 3.62	45.52 2.44 4.78	45.36 2.31 5.11	43.69 2.31 4.70	40.72 1.71 3.80	37.02 1.47 3.11	33.23 1.26 2.11	30.43 1.17 1.53
MILLSEAT__LFGE 323607	27.67 0.14 0.00	24.31 0.26 0.00	22.27 0.33 0.00	20.93 -0.13 0.00	20.75 -0.12 0.00	20.77 -0.06 0.00	20.81 -0.08 0.00	22.33 0.02 0.00	24.46 0.02 0.01	26.33 0.16 0.50	28.36 0.15 1.91	30.59 0.19 1.33	33.14 0.04 2.39	34.44 0.11 3.07	36.47 0.15 1.82	39.33 -0.08 2.52	41.38 -0.23 5.24	42.52 0.43 5.77	42.50 0.67 6.33	39.59 0.14 7.04	37.31 0.26 5.76	33.88 -0.19 4.59	30.99 0.10 3.20	28.97 0.49 2.31
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.57 2.04 0.00	25.85 1.80 0.00	23.56 1.62 0.00	22.66 1.58 -0.04	22.23 1.36 0.00	22.25 1.42 0.00	22.43 1.55 0.00	24.14 1.83 0.00	26.50 2.05 0.01	28.60 2.27 0.34	31.36 2.53 1.29	33.36 2.54 0.90	36.59 2.70 1.60	38.13 2.80 2.07	39.80 2.82 1.17	49.59 3.35 -4.30	57.13 3.61 -6.68	60.11 4.16 -8.08	59.00 3.90 -6.94	45.40 3.02 4.11	41.64 2.65 3.82	38.97 2.51 2.21	34.21 2.25 2.12	31.44 2.19 1.53

MILLWOOD_13_KV_LOAD 356217	29.65 2.12 0.00	25.90 1.85 0.00	23.60 1.67 0.00	22.71 1.62 -0.04	22.27 1.40 0.00	22.27 1.44 0.00	22.48 1.59 0.00	24.19 1.87 0.00	26.59 2.15 0.01	28.70 2.37 0.34	31.54 2.71 1.29	33.55 2.73 0.90	36.81 2.91 1.60	38.35 3.03 2.07	40.02 3.05 1.17	49.88 3.65 -4.30	57.41 3.89 -6.68	60.44 4.50 -8.08	59.34 4.24 -6.94	45.72 3.35 4.11	41.94 2.95 3.82	39.24 2.78 2.21	34.35 2.39 2.12	31.54 2.28 1.53
MODEL_CITY_ENERGY 24167	26.92 -0.61 0.00	23.71 -0.34 0.00	21.70 -0.24 0.00	20.36 -0.69 -0.01	20.20 -0.67 0.00	20.25 -0.58 0.00	20.33 -0.56 0.00	21.73 -0.58 0.00	23.83 -0.61 0.01	25.66 -0.51 0.50	27.55 -0.66 1.90	29.70 -0.70 1.32	32.01 -1.10 2.39	33.25 -1.09 3.06	35.25 -1.07 1.82	38.06 -1.43 2.44	39.98 -1.78 5.09	40.96 -1.24 5.66	40.88 -1.06 6.22	38.01 -1.49 6.98	35.72 -1.37 5.72	32.49 -1.62 4.55	29.81 -1.09 3.18	28.00 -0.49 2.29
MODERN_LFGE_ 323580	26.92 -0.61 0.00	23.71 -0.34 0.00	21.70 -0.24 0.00	20.36 -0.69 -0.01	20.20 -0.67 0.00	20.25 -0.58 0.00	20.33 -0.56 0.00	21.73 -0.58 0.00	23.83 -0.61 0.01	25.66 -0.51 0.50	27.55 -0.66 1.90	29.70 -0.70 1.32	32.01 -1.10 2.39	33.25 -1.09 3.06	35.25 -1.07 1.82	38.06 -1.43 2.44	39.98 -1.78 5.09	40.96 -1.24 5.66	40.88 -1.06 6.22	38.01 -1.49 6.98	35.72 -1.37 5.72	32.49 -1.62 4.55	29.81 -1.09 3.18	28.00 -0.49 2.29
MOHAWK_PAPER___DRP 24187	28.93 1.40 0.00	25.20 1.15 0.00	23.03 1.10 0.00	22.17 1.07 -0.05	21.83 0.96 0.00	21.81 0.98 0.00	21.95 1.07 0.00	23.47 1.16 0.00	25.79 1.34 0.01	27.71 1.41 0.37	30.35 1.63 1.40	32.43 1.68 0.97	35.57 1.85 1.77	37.13 1.98 2.25	38.75 2.02 1.42	52.78 2.56 -8.29	66.56 2.81 -16.90	72.23 3.30 -21.06	71.18 3.13 -19.90	45.58 2.74 3.65	41.08 2.44 4.17	39.76 2.24 1.15	33.74 1.98 2.32	30.69 1.57 1.67
MOHICAN___35_KV_115KV_LD 80490	29.90 2.37 0.00	26.02 1.97 0.00	23.73 1.80 0.00	22.78 1.68 -0.05	22.44 1.57 0.00	22.39 1.56 0.00	22.56 1.67 0.00	24.23 1.92 0.00	26.71 2.27 0.01	28.27 1.97 0.38	30.98 2.29 1.43	33.24 2.51 0.99	36.42 2.73 1.81	38.06 2.95 2.29	39.79 3.09 1.45	57.06 4.03 -11.10	73.60 4.45 -22.30	80.57 5.03 -27.68	79.26 4.86 -26.23	47.69 4.60 3.39	42.66 4.11 4.26	41.62 3.63 0.67	34.85 3.14 2.37	31.42 2.34 1.71
MONGAUP___HYD 23641	29.40 1.87 0.00	25.65 1.61 0.00	23.32 1.38 0.00	22.45 1.37 -0.03	22.00 1.13 0.00	22.02 1.19 0.00	22.10 1.21 0.00	23.74 1.43 0.00	25.88 1.44 0.01	27.88 1.55 0.33	30.37 1.51 1.26	32.21 1.36 0.88	35.57 1.63 1.57	37.06 1.68 2.02	38.59 1.60 1.15	47.78 2.30 -3.54	55.33 3.00 -5.49	58.06 3.54 -6.66	57.27 3.47 -5.65	44.95 2.51 4.05	41.32 2.22 3.71	38.68 2.24 2.22	34.00 1.98 2.06	31.15 1.85 1.49
MONTAUK___DIESEL 23721	35.47 4.90 -3.04	34.77 4.33 -6.40	32.36 3.88 -6.54	30.31 3.64 -5.62	28.13 3.38 -3.87	28.25 3.48 -3.94	29.72 3.68 -5.16	30.31 4.15 -3.84	34.97 4.77 -5.76	36.23 5.39 -4.17	35.37 5.96 0.72	39.89 6.28 -1.89	47.37 6.96 -4.91	47.03 7.44 -2.19	49.19 7.48 -3.57	54.27 7.97 -4.36	95.97 8.71 -40.41	130.26 9.57 -72.82	125.69 8.96 -68.58	95.47 8.00 -40.99	46.40 7.41 3.82	43.07 6.61 2.20	42.82 5.49 -3.25	39.48 5.48 -3.21
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.22 0.69 0.00	24.72 0.67 0.00	22.57 0.64 0.00	21.35 0.29 -0.01	20.81 -0.06 0.00	20.72 -0.10 0.00	21.01 0.13 0.00	22.94 0.62 0.00	25.42 0.98 0.01	27.35 1.17 0.49	29.58 1.33 1.87	32.08 1.65 1.30	34.72 1.56 2.34	36.12 1.72 3.00	38.08 1.72 1.78	40.98 1.26 2.21	43.52 1.31 4.64	45.23 2.68 5.32	43.88 1.59 5.86	40.18 0.42 6.72	37.68 0.39 5.51	34.32 0.04 4.38	31.09 0.07 3.06	28.92 0.34 2.21
MORTIMER_115KV_TB3 55949	27.50 -0.03 0.00	24.04 0.00 0.00	21.89 -0.04 0.00	20.88 -0.17 0.00	20.60 -0.27 0.00	20.52 -0.31 0.00	20.74 -0.15 0.00	22.25 -0.07 0.00	24.36 -0.07 0.01	26.11 -0.05 0.51	28.17 -0.03 1.92	30.55 0.16 1.34	33.23 0.14 2.41	34.49 0.19 3.09	36.46 0.15 1.84	39.52 0.34 2.75	41.40 0.23 5.68	42.58 0.81 6.10	42.31 0.82 6.66	39.47 0.19 7.20	37.27 0.34 5.88	34.15 0.19 4.71	31.12 0.31 3.27	28.95 0.52 2.36
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.90 2.37 0.00	26.11 2.07 0.00	23.78 1.84 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.76 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.98 3.09 1.61	38.50 3.18 2.08	40.18 3.20 1.17	50.06 3.77 -4.35	57.68 4.08 -6.76	60.68 4.64 -8.18	59.52 4.33 -7.03	45.58 3.21 4.12	41.89 2.91 3.83	39.28 2.82 2.21	34.55 2.59 2.13	31.81 2.56 1.53
MUNSVILLE_WIND_PWR 323609	30.28 2.50 -0.25	26.16 2.12 0.00	23.78 1.84 0.00	22.76 1.70 -0.01	22.39 1.52 0.00	22.47 1.65 0.00	22.46 1.57 0.00	24.65 2.34 0.00	27.03 2.59 0.01	29.08 2.83 0.42	31.88 3.34 1.58	34.21 3.58 1.10	37.89 4.37 1.98	39.53 4.67 2.53	41.56 4.92 1.51	46.45 5.07 0.55	51.65 6.23 1.42	51.27 5.74 2.33	51.49 6.17 2.83	47.47 6.09 5.10	43.94 5.39 4.26	40.02 4.60 3.24	35.60 3.88 2.37	32.47 3.39 1.71
N SALMON___HYD 24042	27.50 -0.03 0.00	24.02 -0.02 0.00	21.83 -0.11 0.00	20.84 -0.21 0.00	20.77 -0.10 0.00	20.87 0.04 0.00	20.91 0.02 0.00	22.31 0.00 0.00	24.54 0.10 0.00	26.76 0.24 0.15	29.77 0.21 0.56	31.68 0.35 0.39	35.33 0.53 0.70	36.98 0.48 0.90	38.10 0.49 0.53	40.78 0.00 1.15	44.67 0.14 2.32	44.88 -0.10 2.88	45.07 -0.05 3.04	44.27 0.28 2.50	41.27 0.47 2.01	37.30 0.31 1.67	33.04 0.07 1.11	29.92 -0.06 0.80
N.AKRON___115KV_KNAPP 355671	27.56 0.03 0.00	24.14 0.10 0.00	22.11 0.18 0.00	20.93 -0.13 0.00	20.64 -0.23 0.00	20.56 -0.27 0.00	20.83 -0.06 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.22 0.05 0.50	28.21 0.00 1.91	30.62 0.22 1.33	33.18 0.07 2.39	34.44 0.11 3.06	36.40 0.08 1.82	39.38 -0.04 2.51	41.44 -0.19 5.22	42.88 0.77 5.75	42.33 0.48 6.31	39.09 -0.37 7.03	36.97 -0.09 5.75	33.80 -0.27 4.59	30.89 0.00 3.20	28.98 0.49 2.31
N.BELMOR_69_KV_BK1 55787	33.49 2.92 -3.04	32.99 2.55 -6.40	30.78 2.30 -6.54	28.90 2.23 -5.62	26.73 1.98 -3.87	26.81 2.04 -3.94	28.24 2.19 -5.16	28.68 2.52 -3.84	33.02 2.81 -5.76	33.94 3.09 -4.17	32.33 3.34 1.13	36.05 3.43 -0.90	37.59 3.69 1.61	43.43 3.85 -2.18	45.25 3.89 -3.22	50.27 3.98 -4.35	57.87 4.26 -6.76	60.88 4.83 -8.18	59.43 4.24 -7.04	45.95 3.58 4.12	42.53 3.55 3.83	39.74 3.29 2.21	34.75 2.79 2.13	32.27 3.02 1.54
N.E._GEN_SANDY PD 24062	28.99 1.46 0.00	25.29 1.25 0.00	23.08 1.14 0.00	22.29 1.20 -0.04	21.96 1.08 0.00	21.93 1.10 0.00	22.10 1.21 0.00	23.63 1.32 0.00	25.86 1.42 0.01	27.76 1.44 0.35	30.38 1.60 1.34	32.41 1.62 0.93	35.36 1.67 1.81	37.00 1.76 2.15	38.07 1.76 1.83	37.50 2.14 6.57	46.60 2.34 2.59	49.15 2.63 1.34	50.73 2.60 0.03	44.78 1.95 3.66	40.63 1.80 3.98	38.43 1.70 1.93	33.44 1.57 2.21	30.58 1.39 1.59

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.51 1.98 0.00	25.82 1.78 0.00	23.54 1.60 0.00	22.62 1.54 -0.03	22.17 1.29 0.00	22.18 1.35 0.00	22.37 1.48 0.00	24.07 1.76 0.00	26.40 1.96 0.01	28.49 2.16 0.34	31.22 2.38 1.28	33.21 2.38 0.89	36.47 2.56 1.59	37.96 2.62 2.05	39.61 2.63 1.16	49.13 3.19 -4.01	56.54 3.47 -6.23	59.38 3.97 -7.54	58.32 3.71 -6.46	45.19 2.79 4.09	41.47 2.44 3.78	38.81 2.36 2.21	34.10 2.11 2.10	31.31 2.03 1.52
N.QUEENS_27_KV_LOAD 356247	30.15 2.62 -0.01	26.36 2.31 -0.01	24.01 2.06 -0.01	23.07 1.98 -0.04	22.63 1.75 -0.01	22.63 1.79 -0.01	22.86 1.96 -0.01	24.61 2.30 0.00	27.01 2.57 0.01	29.16 2.83 0.33	31.85 3.01 1.29	33.94 3.11 0.89	37.20 3.30 1.61	38.84 3.52 2.07	40.49 3.51 1.16	50.23 3.94 -4.35	57.96 4.36 -6.76	60.92 4.88 -8.18	59.72 4.53 -7.03	45.20 2.84 4.12	41.76 2.78 3.83	39.31 2.86 2.21	34.73 2.76 2.12	32.19 2.93 1.53
N.TROY___115KV_TB1 355778	28.96 1.43 0.00	25.25 1.20 0.00	23.08 1.14 0.00	22.21 1.12 -0.05	21.85 0.98 0.00	21.85 1.02 0.00	22.02 1.13 0.00	23.52 1.20 0.00	25.81 1.37 0.01	27.66 1.36 0.37	30.25 1.54 1.41	32.33 1.59 0.98	35.41 1.70 1.79	36.93 1.79 2.26	38.52 1.83 1.45	53.28 2.31 -9.04	68.17 2.53 -18.79	74.29 2.97 -23.46	73.23 2.79 -22.28	45.42 2.46 3.53	40.79 2.18 4.20	39.74 2.01 0.93	33.52 1.77 2.34	30.55 1.45 1.69
NARROWS_GT1_1 24228	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_2 24229	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_3 24230	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_4 24231	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_5 24232	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_6 24233	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_7 24234	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT1_8 24235	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_1 24236	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_2 24237	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_3 24238	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_4 24239	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42

NARROWS_GT2_5 24240	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_6 24241	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_7 24242	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NARROWS_GT2_8 24243	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.18 1.65 0.00	25.34 1.30 0.00	23.12 1.18 0.00	22.25 1.16 -0.04	21.89 1.02 0.00	21.81 0.98 0.00	21.89 1.00 0.00	23.38 1.07 0.00	25.47 1.03 0.01	27.41 1.09 0.36	30.00 1.23 1.35	32.15 1.36 0.94	35.61 1.81 1.71	37.17 1.94 2.17	39.14 2.33 1.33	50.13 2.64 -5.55	60.72 2.95 -10.93	65.21 3.73 -13.61	64.43 3.66 -12.61	45.67 3.11 3.93	41.70 2.91 4.02	39.49 2.55 1.72	34.13 2.28 2.24	30.90 1.72 1.61
NCHELSEA_115KV_TR2 355582	29.68 2.15 0.00	25.90 1.85 0.00	23.60 1.67 0.00	22.71 1.62 -0.04	22.23 1.36 0.00	22.22 1.40 0.00	22.37 1.48 0.00	24.03 1.72 0.00	26.25 1.81 0.01	28.30 1.97 0.34	31.05 2.23 1.29	33.11 2.28 0.90	36.52 2.63 1.61	38.04 2.73 2.08	39.70 2.75 1.19	49.33 3.35 -4.04	57.03 3.70 -6.49	60.06 4.31 -7.89	59.08 4.09 -6.83	45.53 3.16 4.11	41.72 2.74 3.83	39.09 2.63 2.20	34.24 2.28 2.13	31.38 2.12 1.54
NEG CAPITAL___MECHNVIL 23645	29.54 2.01 0.00	25.73 1.68 0.00	23.45 1.51 0.00	22.59 1.49 -0.05	22.27 1.40 0.00	22.25 1.42 0.00	22.37 1.48 0.00	23.96 1.65 0.00	26.35 1.91 0.01	28.22 1.92 0.38	30.90 2.20 1.42	33.12 2.38 0.99	36.25 2.56 1.81	37.88 2.77 2.28	39.55 2.86 1.45	55.95 3.56 -10.45	72.06 3.98 -21.23	78.62 4.36 -26.40	77.58 4.38 -25.04	47.00 3.95 3.43	42.12 3.55 4.24	41.12 3.21 0.75	34.52 2.80 2.36	31.31 2.22 1.70
NEG CENTRAL_HIGH_ACRES 23767	27.26 -0.41 -0.14	23.71 -0.34 0.00	21.72 -0.22 0.00	20.59 -0.46 0.00	20.41 -0.46 0.00	20.43 -0.40 0.00	20.43 -0.46 0.00	21.91 -0.40 0.00	24.02 -0.42 0.01	25.94 -0.29 0.44	28.22 -0.24 1.66	30.38 -0.19 1.15	33.28 -0.14 2.08	34.66 -0.07 2.66	36.48 -0.08 1.58	39.06 -0.08 2.79	41.03 -0.14 5.68	42.05 0.29 6.11	42.18 0.58 6.56	40.32 0.09 6.26	37.85 0.13 5.08	34.37 -0.15 4.13	31.29 0.03 2.82	28.91 0.15 2.04
NEG CENTRAL___DRP 24199	28.16 0.25 -0.38	24.21 0.17 0.00	22.07 0.13 0.00	21.07 0.02 0.00	20.81 -0.06 0.00	20.81 -0.02 0.00	20.95 0.06 0.00	22.54 0.22 0.00	24.69 0.24 0.01	26.65 0.32 0.35	29.23 0.42 1.31	31.39 0.57 0.91	34.50 0.64 1.64	35.89 0.60 2.10	37.54 0.65 1.25	39.92 0.67 2.68	42.20 0.75 5.40	43.56 1.58 5.89	43.36 1.40 6.19	42.46 0.93 4.96	39.65 0.81 3.98	35.96 0.62 3.32	32.56 0.68 2.21	29.84 0.65 1.59
NEG CENTRAL___INDECK 23768	28.60 1.07 0.00	25.01 0.96 0.00	22.92 0.99 0.00	21.62 0.57 -0.01	21.41 0.54 0.00	21.43 0.60 0.00	21.41 0.52 0.00	23.05 0.74 0.00	25.12 0.68 0.01	26.72 0.53 0.48	28.62 0.33 1.83	30.80 0.35 1.27	33.46 0.25 2.29	34.68 0.23 2.94	36.66 0.27 1.75	39.83 0.13 2.23	42.51 0.33 4.66	43.86 1.34 5.34	44.45 2.17 5.87	42.12 2.23 6.59	39.85 2.44 5.40	36.22 1.86 4.30	32.86 1.77 3.00	30.38 1.75 2.16
NEG CENTRAL___SENECA 23627	28.16 0.44 -0.19	24.38 0.34 0.00	22.22 0.29 0.00	21.18 0.13 0.00	20.83 -0.04 0.00	20.89 0.06 0.00	21.06 0.17 0.00	22.80 0.49 0.00	24.98 0.54 0.01	26.89 0.64 0.42	29.30 0.78 1.60	31.56 0.95 1.11	34.49 0.99 2.01	35.76 0.93 2.57	37.60 0.99 1.53	40.42 1.01 2.52	42.81 1.12 5.16	44.06 1.91 5.72	43.69 1.69 6.15	41.67 1.12 5.93	38.98 0.98 4.81	35.52 0.77 3.91	32.29 0.89 2.68	29.75 0.89 1.93
NEG CENTRAL___STATE_STREET 24147	28.38 0.30 -0.55	24.24 0.19 0.00	22.07 0.13 0.00	21.12 0.06 0.00	21.06 0.19 0.00	20.89 0.06 0.00	20.99 0.10 0.00	22.54 0.22 0.00	24.71 0.27 0.01	26.74 0.35 0.28	29.54 0.48 1.06	31.65 0.67 0.74	34.98 0.82 1.33	36.58 0.90 1.71	38.08 0.95 1.02	40.25 1.01 2.69	42.61 1.12 5.36	43.90 1.91 5.88	43.76 1.69 6.08	43.65 1.26 4.09	40.69 1.11 3.23	36.76 0.89 2.79	33.07 0.78 1.79	30.20 0.71 1.30
NEG MILLWOOD___DRP 24198	29.73 2.20 0.00	25.97 1.92 0.00	23.65 1.71 0.00	22.77 1.68 -0.04	22.27 1.40 0.00	22.27 1.44 0.00	22.48 1.59 0.00	24.16 1.85 0.00	26.59 2.15 0.01	28.70 2.37 0.34	31.62 2.80 1.30	33.74 2.92 0.90	37.08 3.19 1.61	38.64 3.33 2.09	40.35 3.39 1.19	50.20 4.03 -4.24	57.83 4.26 -6.72	61.05 5.03 -8.16	60.07 4.86 -7.05	46.41 4.04 4.12	42.43 3.47 3.84	39.67 3.21 2.20	34.50 2.56 2.14	31.62 2.37 1.54
NEG NORTH_FLCN_SEA 23793	28.00 0.47 0.00	24.48 0.43 0.00	22.24 0.31 0.00	21.22 0.17 0.00	21.27 0.40 0.00	21.31 0.48 0.00	21.26 0.38 0.00	22.71 0.40 0.00	24.96 0.51 0.00	27.26 0.72 0.13	30.37 0.75 0.50	32.26 0.89 0.35	35.94 1.06 0.63	37.72 1.12 0.80	38.77 1.11 0.48	41.57 0.63 0.99	45.78 0.94 2.00	45.97 0.67 2.57	46.31 0.87 2.71	45.13 0.93 2.29	42.12 1.16 1.84	37.95 0.81 1.53	33.64 0.58 1.02	30.48 0.43 0.74
NEG NORTH_KES_CHATEGAY 23792	27.67 0.14 0.00	24.16 0.12 0.00	21.98 0.04 0.00	20.99 -0.06 0.00	21.02 0.15 0.00	21.08 0.25 0.00	21.04 0.15 0.00	22.45 0.13 0.00	24.69 0.24 0.00	26.91 0.37 0.14	30.00 0.39 0.51	31.84 0.48 0.36	35.46 0.60 0.65	37.20 0.64 0.83	38.26 0.61 0.49	41.07 0.17 1.04	45.13 0.37 2.09	45.17 -0.05 2.65	45.55 0.19 2.80	44.51 0.37 2.35	41.52 0.60 1.89	37.44 0.35 1.56	33.21 0.17 1.05	30.09 0.06 0.76



NEG NORTH___ALICE_FALLS 23915	27.97 0.44 0.00	24.43 0.38 0.00	22.20 0.26 0.00	21.17 0.13 0.00	21.21 0.33 0.00	21.25 0.42 0.00	21.22 0.33 0.00	22.65 0.33 0.00	24.91 0.46 0.00	27.18 0.64 0.13	30.28 0.66 0.50	32.20 0.82 0.35	35.83 0.96 0.63	37.64 1.05 0.80	38.69 1.03 0.48	41.44 0.50 1.00	45.67 0.84 2.01	45.86 0.57 2.58	46.20 0.77 2.73	45.02 0.84 2.30	42.07 1.11 1.85	37.90 0.77 1.53	33.57 0.51 1.03	30.42 0.37 0.74
NEG NORTH___LWR_SARANAC 23913	27.97 0.44 0.00	24.43 0.38 0.00	22.20 0.26 0.00	21.17 0.13 0.00	21.21 0.33 0.00	21.25 0.42 0.00	21.22 0.33 0.00	22.65 0.33 0.00	24.91 0.46 0.00	27.18 0.64 0.13	30.28 0.66 0.50	32.20 0.82 0.35	35.83 0.96 0.63	37.64 1.05 0.80	38.69 1.03 0.48	41.44 0.50 1.00	45.67 0.84 2.01	45.86 0.57 2.58	46.20 0.77 2.73	45.02 0.84 2.30	42.07 1.11 1.85	37.90 0.77 1.53	33.57 0.51 1.03	30.42 0.37 0.74
NEG NORTH___PLATTSBURG 23628	27.97 0.44 0.00	24.43 0.38 0.00	22.20 0.26 0.00	21.18 0.13 0.00	21.12 0.25 0.00	21.20 0.38 0.00	21.22 0.33 0.00	22.65 0.34 0.00	24.91 0.46 0.00	27.18 0.64 0.13	30.28 0.66 0.50	32.20 0.82 0.35	35.94 1.06 0.63	37.63 1.05 0.80	38.69 1.03 0.48	41.52 0.59 1.00	45.63 0.80 2.01	45.95 0.67 2.58	46.15 0.72 2.73	45.12 0.93 2.30	42.07 1.11 1.85	37.94 0.81 1.53	33.57 0.51 1.03	30.42 0.37 0.74
NEG WEST_LEA_LOCKPORT 23791	27.06 -0.47 0.00	23.76 -0.29 0.00	21.76 -0.18 0.00	20.59 -0.46 -0.01	20.31 -0.56 0.00	20.25 -0.58 0.00	20.51 -0.38 0.00	22.04 -0.27 0.00	24.14 -0.29 0.01	25.82 -0.35 0.50	27.73 -0.48 1.90	30.11 -0.29 1.32	32.47 -0.64 2.39	33.70 -0.64 3.06	35.64 -0.69 1.82	38.59 -0.88 2.46	40.55 -1.17 5.12	41.94 -0.24 5.68	41.29 -0.63 6.24	38.05 -1.44 6.99	35.93 -1.16 5.73	32.90 -1.20 4.56	30.15 -0.75 3.18	28.34 -0.15 2.30
NEG WEST___LANCASTR 23811	27.28 -0.25 0.00	23.95 -0.10 0.00	21.87 -0.07 0.00	20.74 -0.32 -0.01	20.37 -0.50 0.00	20.37 -0.46 0.00	20.62 -0.27 0.00	22.45 0.13 0.00	24.66 0.22 0.01	26.44 0.27 0.49	28.47 0.21 1.86	30.84 0.41 1.30	33.27 0.11 2.34	34.59 0.19 2.99	36.55 0.19 1.78	38.53 -1.22 2.19	40.79 -1.45 4.60	43.29 0.72 5.29	41.12 -1.20 5.83	37.78 -2.00 6.71	35.51 -1.80 5.50	32.52 -1.78 4.37	29.63 -1.40 3.06	27.69 -0.89 2.21
NEG_PENN_ALLEGHNY 23528	28.28 0.52 -0.23	24.55 0.51 0.00	22.42 0.48 0.00	21.38 0.32 -0.01	21.14 0.27 0.00	21.18 0.35 0.00	21.20 0.31 0.00	23.29 0.98 0.00	25.56 1.13 0.01	27.51 1.28 0.44	29.91 1.45 1.65	32.10 1.52 1.15	35.06 1.63 2.07	36.54 1.79 2.65	38.43 1.87 1.58	42.94 1.72 0.71	47.07 1.97 1.74	46.62 1.77 3.02	46.30 1.64 3.50	42.41 1.16 5.24	39.44 0.99 4.35	36.11 0.81 3.36	32.42 0.75 2.42	29.78 0.74 1.74
NEG___GEN_MONROE 24207	27.50 -0.03 0.00	24.04 0.00 0.00	21.91 -0.02 0.00	20.88 -0.17 0.00	20.62 -0.25 0.00	20.56 -0.27 0.00	20.76 -0.13 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.51	27.99 -0.21 1.92	30.26 -0.13 1.34	32.88 -0.21 2.41	34.05 -0.26 3.09	36.23 -0.08 1.84	39.11 -0.08 2.74	40.91 -0.28 5.65	42.36 0.57 6.08	42.04 0.53 6.64	39.29 0.00 7.19	37.14 0.21 5.88	33.96 0.00 4.70	30.99 0.17 3.27	28.89 0.46 2.36
NEPA___ENERGY 23901	27.59 0.06 0.00	24.24 0.19 0.00	22.13 0.20 0.00	20.97 -0.08 -0.01	20.58 -0.29 0.00	20.56 -0.27 0.00	20.83 -0.06 0.00	22.71 0.40 0.00	24.98 0.54 0.01	26.82 0.64 0.49	28.89 0.63 1.86	31.25 0.82 1.30	33.73 0.57 2.34	35.04 0.64 2.99	37.01 0.65 1.78	39.84 0.08 2.18	42.27 0.00 4.57	43.84 1.24 5.27	42.58 0.24 5.81	39.23 -0.56 6.70	36.76 -0.56 5.49	33.68 -0.62 4.36	30.69 -0.34 3.05	28.62 0.03 2.20
NEVERSINK___HYD 23608	29.49 1.95 0.00	25.70 1.66 0.00	23.36 1.43 0.00	22.49 1.41 -0.03	22.04 1.17 0.00	22.06 1.23 0.00	22.12 1.23 0.00	23.81 1.50 0.00	25.96 1.52 0.01	27.99 1.65 0.33	30.74 1.87 1.25	32.76 1.90 0.87	36.18 2.24 1.56	37.70 2.32 2.01	39.34 2.37 1.17	48.01 2.85 -3.22	55.44 3.33 -5.26	58.09 3.78 -6.44	57.40 3.71 -5.53	45.18 2.70 4.00	41.51 2.40 3.69	38.80 2.32 2.18	34.08 2.04 2.05	31.25 1.94 1.48
NEWKRMKL_115KV_TB1 55635	28.49 0.96 0.00	24.84 0.79 0.00	22.70 0.77 0.00	21.87 0.78 -0.05	21.52 0.65 0.00	21.52 0.69 0.00	21.64 0.75 0.00	23.14 0.83 0.00	25.39 0.95 0.01	27.29 0.99 0.37	29.87 1.14 1.39	31.93 1.17 0.97	35.02 1.28 1.76	36.55 1.38 2.23	38.15 1.41 1.40	51.29 1.85 -7.51	64.19 2.01 -15.33	69.38 2.39 -19.12	68.44 2.26 -18.02	44.62 1.86 3.73	40.29 1.63 4.14	38.88 1.51 1.29	33.14 1.36 2.30	30.21 1.08 1.66
NEWTON___FALLS_HYD 23847	27.10 -0.63 -0.20	23.44 -0.60 0.00	21.32 -0.61 0.00	20.44 -0.61 0.00	20.35 -0.52 0.00	20.37 -0.46 0.00	20.35 -0.54 0.00	21.73 -0.58 0.00	23.78 -0.66 0.01	25.81 -0.61 0.25	28.42 -0.75 0.94	30.37 -0.70 0.66	33.64 -0.67 1.18	35.24 -0.64 1.51	36.67 -0.57 0.90	38.74 -1.01 2.19	41.58 -0.89 4.38	41.92 -1.01 4.94	42.28 -0.72 5.16	42.41 -0.23 3.84	39.62 -0.13 3.06	35.91 -0.15 2.59	32.11 -0.27 1.70	29.22 -0.34 1.23
NGRID_A1_DSASP 323792	26.51 -1.02 0.00	23.30 -0.75 0.00	21.70 -0.24 0.00	20.36 -0.69 -0.01	20.27 -0.61 0.00	20.33 -0.50 0.00	20.05 -0.84 0.00	21.53 -0.78 0.00	23.61 -0.83 0.01	25.39 -0.77 0.51	27.24 -0.96 1.91	29.35 -1.05 1.33	31.62 -1.49 2.39	32.83 -1.50 3.07	34.83 -1.49 1.83	37.66 -1.84 2.43	39.48 -2.29 5.07	40.35 -1.87 5.64	40.37 -1.59 6.20	37.54 -1.95 6.99	35.28 -1.80 5.73	32.09 -2.01 4.56	29.61 -1.30 3.18	27.81 -0.68 2.30
NGRID_A2_DSASP 323793	26.51 -1.02 0.00	23.30 -0.75 0.00	21.70 -0.24 0.00	20.36 -0.69 -0.01	20.27 -0.61 0.00	20.33 -0.50 0.00	20.05 -0.84 0.00	21.53 -0.78 0.00	23.61 -0.83 0.01	25.39 -0.77 0.51	27.24 -0.96 1.91	29.35 -1.05 1.33	31.62 -1.49 2.39	32.83 -1.50 3.07	34.83 -1.49 1.83	37.66 -1.84 2.43	39.48 -2.29 5.07	40.35 -1.87 5.64	40.37 -1.59 6.20	37.54 -1.95 6.99	35.28 -1.80 5.73	32.09 -2.01 4.56	29.61 -1.30 3.18	27.81 -0.68 2.30
NGRID_A4_DSASP 323807	26.65 -0.88 0.00	23.47 -0.58 0.00	21.19 -0.75 0.00	20.34 -0.72 -0.01	19.81 -1.06 0.00	19.77 -1.06 0.00	20.05 -0.84 0.00	21.58 -0.74 0.00	23.61 -0.83 0.01	25.23 -0.93 0.51	27.04 -1.17 1.91	29.35 -1.05 1.33	31.58 -1.53 2.39	32.79 -1.53 3.07	34.72 -1.60 1.83	37.66 -1.85 2.43	39.53 -2.25 5.07	40.69 -1.53 5.64	40.12 -1.83 6.20	36.98 -2.51 6.99	34.94 -2.14 5.73	32.05 -2.05 4.56	29.47 -1.43 3.18	27.81 -0.68 2.30
NIAGARA_115E_LBMP 323715	26.76 -0.77 0.00	23.59 -0.46 0.00	21.56 -0.37 0.00	20.23 -0.82 -0.01	20.06 -0.81 0.00	20.12 -0.71 0.00	20.22 -0.67 0.00	21.60 -0.71 0.00	23.68 -0.76 0.01	25.47 -0.69 0.50	27.34 -0.87 1.90	29.48 -0.92 1.32	31.76 -1.35 2.39	32.99 -1.34 3.06	34.99 -1.34 1.82	37.78 -1.72 2.43	39.63 -2.15 5.06	40.60 -1.63 5.64	40.52 -1.44 6.19	37.65 -1.86 6.97	35.38 -1.71 5.71	32.18 -1.93 4.55	29.58 -1.33 3.17	27.79 -0.71 2.29

NIAGARA_115W_LBMP 323714	26.43 -1.10 0.00	23.23 -0.82 0.00	21.65 -0.29 0.00	20.32 -0.74 -0.01	20.22 -0.65 0.00	20.31 -0.52 0.00	19.99 -0.90 0.00	21.46 -0.85 0.00	23.53 -0.90 0.01	25.31 -0.85 0.51	27.15 -1.06 1.91	29.25 -1.14 1.33	31.51 -1.60 2.40	32.72 -1.61 3.07	34.72 -1.60 1.83	37.53 -1.97 2.44	39.33 -2.44 5.07	40.21 -2.01 5.65	40.22 -1.73 6.21	37.35 -2.14 7.00	35.11 -1.97 5.73	31.97 -2.13 4.56	29.50 -1.40 3.19	27.75 -0.74 2.30
NIAGARA_230_LBMP 323716	26.81 -0.72 0.00	23.56 -0.48 0.00	21.74 -0.20 0.00	20.40 -0.65 -0.01	20.25 -0.63 0.00	20.31 -0.52 0.00	20.28 -0.61 0.00	21.78 -0.54 0.00	23.88 -0.56 0.01	25.68 -0.48 0.51	27.54 -0.66 1.92	29.69 -0.70 1.33	31.96 -1.14 2.40	33.19 -1.12 3.08	35.20 -1.11 1.83	38.05 -1.43 2.46	40.00 -1.73 5.12	40.94 -1.24 5.68	40.90 -1.01 6.24	38.01 -1.44 7.03	35.72 -1.33 5.76	32.53 -1.55 4.58	29.89 -0.99 3.20	28.02 -0.46 2.31
NIAGARA__115KV_198_GIBSON 55903	26.59 -0.94 0.00	23.42 -0.63 0.00	21.15 -0.79 0.00	20.30 -0.76 -0.01	19.74 -1.13 0.00	19.70 -1.12 0.00	19.99 -0.90 0.00	21.51 -0.80 0.00	23.53 -0.90 0.01	25.15 -1.01 0.51	26.94 -1.26 1.91	29.25 -1.14 1.33	31.47 -1.63 2.40	32.68 -1.65 3.07	34.60 -1.72 1.83	37.53 -1.97 2.44	39.38 -2.39 5.07	40.54 -1.68 5.65	39.98 -1.97 6.21	36.84 -2.65 7.00	34.81 -2.27 5.73	31.93 -2.17 4.56	29.40 -1.50 3.19	27.75 -0.74 2.30
NIAGARA____ 23760	26.57 -0.96 0.00	23.35 -0.70 0.00	21.58 -0.35 0.00	20.25 -0.80 -0.01	20.10 -0.77 0.00	20.16 -0.67 0.00	20.10 -0.79 0.00	21.58 -0.74 0.00	23.65 -0.78 0.01	25.47 -0.69 0.51	27.31 -0.90 1.91	29.44 -0.95 1.33	31.72 -1.39 2.40	32.94 -1.38 3.07	34.95 -1.37 1.83	37.77 -1.72 2.44	39.61 -2.15 5.08	40.54 -1.68 5.65	40.50 -1.44 6.21	37.63 -1.86 7.00	35.36 -1.71 5.73	32.17 -1.93 4.56	29.54 -1.36 3.18	27.76 -0.74 2.29
NINE_MILE_1 23575	23.34 -0.80 3.39	23.35 -0.70 0.00	21.34 -0.59 0.00	20.44 -0.61 0.00	20.25 -0.63 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.04	24.13 -0.83 1.72	22.72 -0.90 6.49	26.29 -0.92 4.52	26.36 -0.99 8.14	25.92 -1.05 10.43	30.91 -1.03 6.21	37.69 -1.13 3.12	38.15 -1.26 7.44	40.46 -0.86 6.55	38.21 -0.82 9.13	21.30 -0.98 24.20	21.45 -0.94 20.42	22.57 -0.93 15.16	21.99 -0.75 11.35	21.92 -0.68 8.19
NINE_MILE_2 23744	23.29 -0.80 3.44	23.35 -0.70 0.00	21.34 -0.59 0.00	20.44 -0.61 0.00	20.27 -0.61 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.04	24.11 -0.83 1.74	22.65 -0.90 6.56	26.24 -0.92 4.56	26.28 -0.99 8.23	25.81 -1.05 10.54	30.84 -1.03 6.27	37.69 -1.13 3.11	38.14 -1.26 7.45	40.46 -0.86 6.54	38.18 -0.82 9.15	21.05 -0.98 24.46	21.23 -0.94 20.64	22.42 -0.93 15.31	21.87 -0.75 11.47	21.84 -0.68 8.27
NM_CAPITAL____DRP 24208	28.55 1.02 0.00	24.89 0.84 0.00	22.77 0.83 0.00	21.94 0.84 -0.05	21.58 0.71 0.00	21.58 0.75 0.00	21.70 0.81 0.00	23.20 0.89 0.00	25.44 1.00 0.01	27.34 1.04 0.37	29.94 1.20 1.39	31.96 1.21 0.97	35.05 1.31 1.76	36.55 1.38 2.23	38.15 1.41 1.41	51.03 1.85 -7.25	63.83 2.01 -14.97	68.96 2.39 -18.70	68.07 2.26 -17.65	44.61 1.86 3.73	40.30 1.63 4.14	38.86 1.51 1.31	33.15 1.36 2.30	30.24 1.11 1.66
NM_CENTRAL____DRP 24181	27.67 -0.19 -0.33	23.88 -0.17 0.00	21.78 -0.15 0.00	20.86 -0.19 0.00	20.62 -0.25 0.00	20.60 -0.23 0.00	20.72 -0.17 0.00	22.04 -0.27 0.00	24.12 -0.32 0.01	26.01 -0.29 0.36	28.44 -0.30 1.37	30.48 -0.29 0.96	33.53 -0.25 1.72	34.96 -0.22 2.21	36.64 -0.19 1.31	38.62 -0.17 3.14	40.32 -0.23 6.29	41.86 0.57 6.58	41.63 0.39 6.91	41.16 0.09 5.42	38.51 0.04 4.34	35.02 0.00 3.64	31.67 0.00 2.41	29.08 0.03 1.74
NM_FRONTIER____DRP 24179	26.59 -0.94 0.00	23.42 -0.63 0.00	21.15 -0.79 0.00	20.30 -0.76 -0.01	19.74 -1.13 0.00	19.70 -1.12 0.00	19.99 -0.90 0.00	21.51 -0.80 0.00	23.53 -0.90 0.01	25.15 -1.01 0.51	26.94 -1.26 1.91	29.25 -1.14 1.33	31.47 -1.63 2.40	32.68 -1.65 3.07	34.60 -1.72 1.83	37.53 -1.97 2.44	39.38 -2.39 5.07	40.54 -1.68 5.65	39.98 -1.97 6.21	36.84 -2.65 7.00	34.81 -2.27 5.73	31.93 -2.17 4.56	29.40 -1.50 3.19	27.75 -0.74 2.30
NM_ST_REGIS____HYD 24053	26.85 -0.77 -0.09	23.35 -0.70 0.00	21.23 -0.70 0.00	20.31 -0.74 0.00	20.31 -0.56 0.00	20.39 -0.44 0.00	20.35 -0.54 0.00	21.71 -0.60 0.00	23.81 -0.64 0.00	25.94 -0.56 0.17	28.80 -0.66 0.66	30.63 -0.63 0.46	34.07 -0.60 0.83	35.70 -0.64 1.06	36.90 -0.61 0.63	39.33 -1.17 1.43	42.90 -1.08 2.87	42.81 -1.63 3.43	43.25 -1.30 3.60	42.84 -0.79 2.86	39.96 -0.56 2.29	36.17 -0.58 1.91	32.13 -0.68 1.27	29.16 -0.71 0.92
NORTHPORT____1 23551	33.49 2.92 -3.04	33.04 2.60 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.85 2.11 -3.87	26.91 2.15 -3.94	28.30 2.26 -5.16	28.74 2.59 -3.84	33.04 2.83 -5.76	33.83 2.99 -4.17	31.64 2.68 1.16	34.63 2.76 -0.15	35.01 3.02 3.50	42.68 3.10 -2.18	44.27 2.94 -3.19	48.66 3.36 -3.37	52.57 3.33 -2.40	54.17 3.83 -2.48	53.13 3.37 -1.61	40.94 2.56 8.10	41.64 2.66 3.83	38.97 2.51 2.21	33.57 2.08 2.60	31.45 2.55 1.89
NORTHPORT____2 23552	33.49 2.92 -3.04	33.04 2.60 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.85 2.11 -3.87	26.91 2.15 -3.94	28.30 2.26 -5.16	28.74 2.59 -3.84	33.04 2.83 -5.76	33.83 2.99 -4.17	31.64 2.68 1.16	34.63 2.76 -0.15	35.01 3.02 3.50	42.68 3.10 -2.18	44.27 2.94 -3.19	48.66 3.36 -3.37	52.57 3.33 -2.40	54.17 3.83 -2.48	53.13 3.37 -1.61	40.94 2.56 8.10	41.64 2.66 3.83	38.97 2.51 2.21	33.57 2.08 2.60	31.45 2.55 1.89
NORTHPORT____3 23553	33.08 2.50 -3.04	32.63 2.19 -6.40	30.38 1.91 -6.54	28.56 1.90 -5.62	26.50 1.75 -3.87	26.54 1.77 -3.94	27.93 1.88 -5.16	28.34 2.19 -3.84	32.65 2.44 -5.76	33.46 2.62 -4.17	31.83 2.86 1.16	34.66 2.57 -0.37	35.38 2.80 2.93	42.49 2.92 -2.18	44.38 3.05 -3.18	48.57 3.27 -3.36	52.56 3.33 -2.39	54.30 3.97 -2.47	53.37 3.61 -1.60	41.12 2.74 8.11	41.37 2.40 3.84	38.73 2.28 2.21	33.63 2.15 2.60	31.46 2.43 1.76
NORTHPORT____4 23650	33.08 2.50 -3.04	32.63 2.19 -6.40	30.38 1.91 -6.54	28.56 1.90 -5.62	26.50 1.75 -3.87	26.54 1.77 -3.94	27.93 1.88 -5.16	28.34 2.19 -3.84	32.65 2.44 -5.76	33.46 2.62 -4.17	31.83 2.86 1.16	34.66 2.57 -0.37	35.38 2.80 2.93	42.49 2.92 -2.18	44.38 3.05 -3.18	48.57 3.27 -3.36	52.56 3.33 -2.39	54.30 3.97 -2.47	53.37 3.61 -1.60	41.12 2.74 8.11	41.37 2.40 3.84	38.73 2.28 2.21	33.63 2.15 2.60	31.46 2.43 1.76
NORTHPORT____IC 23718	33.49 2.92 -3.04	33.04 2.60 -6.40	30.78 2.30 -6.54	28.94 2.27 -5.62	26.85 2.11 -3.87	26.91 2.15 -3.94	28.30 2.26 -5.16	28.74 2.59 -3.84	33.04 2.83 -5.76	33.83 2.99 -4.17	31.64 2.68 1.16	34.63 2.76 -0.15	35.01 3.02 3.50	42.68 3.10 -2.18	44.27 2.94 -3.19	48.66 3.36 -3.37	52.57 3.33 -2.40	54.17 3.83 -2.48	53.13 3.37 -1.61	40.94 2.56 8.10	41.64 2.66 3.83	38.97 2.51 2.21	33.57 2.08 2.60	31.45 2.55 1.89

NORTH____COUNTRY_ESR 323785	27.59 0.06 0.00	24.09 0.05 0.00	21.91 -0.02 0.00	20.92 -0.13 0.00	20.89 0.02 0.00	20.95 0.13 0.00	20.97 0.08 0.00	22.40 0.09 0.00	24.62 0.17 0.00	26.86 0.32 0.14	29.91 0.30 0.51	31.78 0.41 0.36	35.42 0.57 0.65	37.09 0.52 0.83	38.18 0.53 0.49	41.07 0.17 1.04	45.04 0.28 2.09	45.21 0.00 2.65	45.40 0.05 2.80	44.47 0.33 2.35	41.39 0.47 1.89	37.37 0.27 1.57	33.14 0.10 1.05	30.03 0.00 0.76
NPX_GEN_1385_PROXY 323591	33.19 2.62 -3.04	32.73 2.29 -6.40	30.49 2.02 -6.54	28.69 2.02 -5.62	26.56 1.81 -3.87	26.71 1.94 -3.94	28.11 2.07 -5.16	28.48 2.32 -3.84	32.75 2.54 -5.76	33.49 2.64 -4.17	31.37 2.41 1.16	34.25 2.38 -0.15	34.70 2.70 3.50	42.16 2.58 -2.18	43.70 2.37 -3.19	47.69 2.39 -3.37	51.30 2.06 -2.40	53.50 3.16 -2.48	52.28 2.89 -1.24	40.90 2.14 7.73	41.04 2.05 3.83	38.42 1.97 2.21	33.23 1.74 2.60	31.14 2.25 1.89
NPX_GEN_CSC 323557	33.93 3.36 -3.04	33.28 2.84 -6.40	30.99 2.52 -6.54	29.07 2.40 -5.62	27.02 2.28 -3.87	27.08 2.31 -3.94	28.53 2.48 -5.16	28.97 2.81 -3.84	33.34 3.13 -5.76	34.34 3.49 -4.17	32.98 3.58 0.72	38.71 3.52 -3.47	44.26 3.87 -4.89	43.70 4.11 -2.19	45.75 4.04 -3.57	50.74 4.44 -4.36	91.79 4.59 -40.35	125.76 5.17 -72.72	121.04 4.77 -68.11	91.68 3.91 -41.29	42.71 3.72 3.82	39.90 3.44 2.20	40.26 2.93 -3.24	37.19 3.20 -3.20
NSINS_S_GLNS_FALLS 23858	29.93 2.40 0.00	26.04 2.00 0.00	23.76 1.82 0.00	22.80 1.70 -0.05	22.46 1.59 0.00	22.41 1.58 0.00	22.58 1.69 0.00	24.28 1.96 0.00	26.76 2.32 0.01	28.27 1.97 0.38	30.98 2.29 1.43	33.24 2.51 0.99	36.46 2.77 1.81	38.09 2.99 2.29	39.82 3.13 1.45	57.18 4.07 -11.18	73.77 4.50 -22.42	80.72 5.03 -27.83	79.39 4.86 -26.37	47.70 4.60 3.39	42.70 4.15 4.26	41.67 3.67 0.66	34.89 3.17 2.37	31.42 2.34 1.71
NUCOR_STEEL____DRP 24197	28.48 0.36 -0.59	24.31 0.26 0.00	22.13 0.20 0.00	21.20 0.15 0.00	20.96 0.08 0.00	20.97 0.15 0.00	21.06 0.17 0.00	22.56 0.25 0.00	24.74 0.29 0.01	26.76 0.35 0.26	29.64 0.51 0.99	31.67 0.63 0.69	35.04 0.78 1.24	36.70 0.90 1.59	38.11 0.92 0.95	40.19 1.01 2.75	42.46 1.08 5.46	43.83 1.91 5.95	43.72 1.69 6.12	43.93 1.30 3.86	40.93 1.16 3.03	36.98 0.97 2.65	33.25 0.85 1.68	30.37 0.80 1.22
NUMBER_THREE_WT_PWR 323818	27.99 0.22 -0.24	24.19 0.15 0.00	22.00 0.07 0.00	21.09 0.04 0.00	20.89 0.02 0.00	20.93 0.10 0.00	20.93 0.04 0.00	22.40 0.09 0.00	24.51 0.07 0.01	26.44 0.13 0.37	28.87 0.15 1.40	30.97 0.22 0.97	34.14 0.39 1.75	35.63 0.48 2.25	37.41 0.61 1.34	39.27 0.42 3.09	41.36 0.70 6.19	41.96 0.86 6.76	42.23 1.15 7.08	42.57 1.53 5.45	39.82 1.37 4.35	36.20 1.20 3.66	32.59 0.92 2.42	29.75 0.71 1.75
NYISO_LBMP_REFERENCE 24008	27.53 0.00 0.00	24.04 0.00 0.00	21.94 0.00 0.00	21.05 0.00 0.00	20.87 0.00 0.00	20.83 0.00 0.00	20.89 0.00 0.00	22.31 0.00 0.00	24.45 0.00 0.00	26.67 0.00 0.00	30.12 0.00 0.00	31.72 0.00 0.00	35.50 0.00 0.00	37.39 0.00 0.00	38.14 0.00 0.00	41.93 0.00 0.00	46.85 0.00 0.00	47.86 0.00 0.00	48.16 0.00 0.00	46.49 0.00 0.00	42.81 0.00 0.00	38.66 0.00 0.00	34.08 0.00 0.00	30.79 0.00 0.00
NYPA_BRENTWD____GT 24164	33.99 3.41 -3.04	33.42 2.98 -6.40	31.13 2.65 -6.54	29.24 2.57 -5.62	27.14 2.40 -3.87	27.20 2.44 -3.94	28.59 2.55 -5.16	29.05 2.90 -3.84	33.43 3.23 -5.76	34.31 3.47 -4.17	32.94 3.49 0.67	44.93 3.55 -9.66	59.91 3.91 -20.50	43.54 3.96 -2.18	45.17 3.74 -3.29	50.52 4.23 -4.35	64.83 4.22 -13.77	74.25 4.74 -21.64	72.29 4.28 -19.85	55.20 3.44 -5.27	42.66 3.68 3.83	39.86 3.40 2.21	35.97 2.90 1.01	38.41 3.30 -4.33
NYPA_GOWANUS____GT5 24156	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NYPA_GOWANUS____GT6 24157	30.23 2.59 -0.11	26.28 2.24 0.00	23.84 1.91 0.00	22.96 1.87 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.52 2.21 0.00	26.94 2.49 0.01	29.14 2.80 0.33	33.86 3.19 -0.55	34.07 3.24 0.89	37.39 3.44 1.55	38.91 3.59 2.07	40.58 3.55 1.12	50.16 3.82 -4.41	57.79 4.12 -6.82	60.70 4.60 -8.24	59.53 4.34 -7.04	45.34 2.98 4.12	41.98 3.00 3.83	39.56 3.05 2.15	35.92 2.96 1.12	32.23 2.86 1.42
NYPA_HARLEM_RVR_GT1 24160	30.07 2.53 -0.01	26.26 2.21 -0.01	23.85 1.91 -0.01	23.01 1.92 -0.04	22.61 1.73 -0.01	22.59 1.75 -0.01	22.78 1.88 -0.01	24.52 2.21 0.00	26.91 2.47 0.01	29.11 2.77 0.33	31.82 2.98 1.29	33.91 3.08 0.89	37.05 3.16 1.61	38.73 3.40 2.07	40.30 3.32 1.16	49.85 3.56 -4.35	57.45 3.84 -6.76	60.36 4.31 -8.18	59.24 4.05 -7.04	45.06 2.70 4.12	41.51 2.53 3.83	39.08 2.63 2.21	34.63 2.66 2.12	32.09 2.83 1.53
NYPA_HARLEM_RVR_GT2 24161	30.07 2.53 -0.01	26.26 2.21 -0.01	23.85 1.91 -0.01	23.01 1.92 -0.04	22.61 1.73 -0.01	22.59 1.75 -0.01	22.78 1.88 -0.01	24.52 2.21 0.00	26.91 2.47 0.01	29.11 2.77 0.33	31.82 2.98 1.29	33.91 3.08 0.89	37.05 3.16 1.61	38.73 3.40 2.07	40.30 3.32 1.16	49.85 3.56 -4.35	57.45 3.84 -6.76	60.36 4.31 -8.18	59.24 4.05 -7.04	45.06 2.70 4.12	41.51 2.53 3.83	39.08 2.63 2.21	34.63 2.66 2.12	32.09 2.83 1.53
NYPA_KENT____GT 24152	30.13 2.53 -0.07	26.23 2.19 0.00	23.82 1.89 0.00	22.94 1.85 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.50 2.19 0.00	26.91 2.47 0.01	29.11 2.77 0.33	33.02 3.13 0.23	33.97 3.14 0.89	37.26 3.34 1.57	38.80 3.48 2.07	40.44 3.43 1.14	50.01 3.69 -4.38	57.62 3.98 -6.79	60.53 4.45 -8.22	59.38 4.19 -7.04	45.25 2.88 4.12	41.85 2.87 3.83	39.42 2.94 2.18	35.40 2.86 1.55	32.12 2.80 1.47
NYPA_POUCH1____GT 24155	30.17 2.50 -0.14	26.21 2.16 0.00	23.78 1.84 0.00	22.90 1.81 -0.04	22.48 1.61 0.00	22.44 1.60 0.00	22.63 1.73 0.00	24.44 2.12 0.00	26.84 2.40 0.00	29.07 2.72 0.33	34.20 3.10 -0.97	33.98 3.14 0.88	37.35 3.37 1.52	38.80 3.48 2.08	40.45 3.43 1.13	50.05 3.69 -4.42	57.66 3.98 -6.83	60.57 4.45 -8.26	59.39 4.19 -7.04	45.20 2.84 4.12	41.90 2.91 3.82	39.52 2.98 2.12	36.05 2.86 0.89	32.17 2.77 1.39
NYPA_VERNON____GT2 24162	30.03 2.48 -0.02	26.18 2.14 0.00	23.80 1.86 0.00	22.94 1.85 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.48 2.16 0.00	26.89 2.44 0.01	29.06 2.72 0.33	32.14 3.04 1.02	33.91 3.08 0.89	37.13 3.23 1.60	38.69 3.37 2.07	40.30 3.32 1.16	49.90 3.61 -4.36	57.50 3.89 -6.77	60.41 4.36 -8.19	59.29 4.09 -7.04	45.25 2.88 4.12	41.72 2.74 3.83	39.28 2.82 2.20	34.87 2.76 1.97	32.02 2.74 1.51

NYPA_VERNON____GT3 24163	30.03 2.48 -0.02	26.18 2.14 0.00	23.80 1.86 0.00	22.94 1.85 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.48 2.16 0.00	26.89 2.44 0.01	29.06 2.72 0.33	32.14 3.04 1.02	33.91 3.08 0.89	37.13 3.23 1.60	38.69 3.37 2.07	40.30 3.32 1.16	49.90 3.61 -4.36	57.50 3.89 -6.77	60.41 4.36 -8.19	59.29 4.09 -7.04	45.25 2.88 4.12	41.72 2.74 3.83	39.28 2.82 2.20	34.87 2.76 1.97	32.02 2.74 1.51
NYPA____ASTORIA_CC1 323568	29.99 2.45 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.84 2.40 0.01	29.03 2.69 0.33	31.85 3.01 1.29	33.88 3.05 0.89	37.09 3.20 1.61	38.65 3.33 2.07	40.21 3.24 1.17	49.76 3.48 -4.35	57.36 3.75 -6.76	60.26 4.21 -8.18	59.15 3.95 -7.04	45.11 2.74 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	31.97 2.71 1.53
NYPA____ASTORIA_CC2 323569	29.99 2.45 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.84 2.40 0.01	29.03 2.69 0.33	31.85 3.01 1.29	33.88 3.05 0.89	37.09 3.20 1.61	38.65 3.33 2.07	40.21 3.24 1.17	49.76 3.48 -4.35	57.36 3.75 -6.76	60.26 4.21 -8.18	59.15 3.95 -7.04	45.11 2.74 4.12	41.64 2.66 3.83	39.20 2.75 2.21	34.69 2.73 2.12	31.97 2.71 1.53
NYPA____HOLTSVILL 23794	33.82 3.25 -3.04	33.28 2.84 -6.40	30.97 2.50 -6.54	29.09 2.42 -5.62	27.02 2.28 -3.87	27.06 2.29 -3.94	28.47 2.42 -5.16	28.92 2.77 -3.84	33.24 3.03 -5.76	34.15 3.31 -4.17	32.74 3.34 0.72	38.43 3.27 -3.44	43.91 3.58 -4.82	43.33 3.74 -2.19	45.36 3.66 -3.56	50.36 4.07 -4.36	90.82 4.17 -39.81	124.29 4.74 -71.68	119.94 4.28 -67.50	90.12 3.44 -40.19	42.37 3.38 3.82	39.59 3.13 2.20	40.00 2.76 -3.16	37.00 3.08 -3.13
NYPA____HELLGATE_GT1 24158	30.07 2.53 -0.01	26.26 2.21 -0.01	23.85 1.91 -0.01	23.01 1.92 -0.04	22.61 1.73 -0.01	22.59 1.75 -0.01	22.78 1.88 -0.01	24.52 2.21 0.00	26.91 2.47 0.01	29.11 2.77 0.33	31.82 2.98 1.29	33.91 3.08 0.89	37.05 3.16 1.61	38.73 3.40 2.07	40.30 3.32 1.16	49.85 3.56 -4.35	57.45 3.84 -6.76	60.36 4.31 -8.18	59.24 4.05 -7.04	45.06 2.70 4.12	41.51 2.53 3.83	39.08 2.63 2.21	34.63 2.66 2.12	32.09 2.83 1.53
NYPA____HELLGATE_GT2 24159	30.07 2.53 -0.01	26.26 2.21 -0.01	23.85 1.91 -0.01	23.01 1.92 -0.04	22.61 1.73 -0.01	22.59 1.75 -0.01	22.78 1.88 -0.01	24.52 2.21 0.00	26.91 2.47 0.01	29.11 2.77 0.33	31.82 2.98 1.29	33.91 3.08 0.89	37.05 3.16 1.61	38.73 3.40 2.07	40.30 3.32 1.16	49.85 3.56 -4.35	57.45 3.84 -6.76	60.36 4.31 -8.18	59.24 4.05 -7.04	45.06 2.70 4.12	41.51 2.53 3.83	39.08 2.63 2.21	34.63 2.66 2.12	32.09 2.83 1.53
NYS_BARGE____HYD 23848	27.20 -0.33 0.00	23.95 -0.10 0.00	21.96 0.02 0.00	20.59 -0.46 -0.01	20.43 -0.44 0.00	20.47 -0.35 0.00	20.51 -0.38 0.00	22.00 -0.31 0.00	24.12 -0.32 0.01	25.98 -0.19 0.50	27.91 -0.30 1.91	30.11 -0.29 1.33	32.51 -0.60 2.39	33.77 -0.56 3.06	35.79 -0.53 1.82	38.58 -0.88 2.47	40.53 -1.17 5.15	41.59 -0.57 5.70	41.51 -0.39 6.26	38.60 -0.88 7.00	36.31 -0.77 5.73	32.97 -1.12 4.57	30.25 -0.65 3.19	28.37 -0.12 2.30
OAK ORCHARD____HYD 24046	27.50 -0.03 0.00	24.07 0.02 0.00	22.09 0.15 0.00	20.91 -0.15 0.00	20.75 -0.12 0.00	20.73 -0.10 0.00	20.74 -0.15 0.00	22.22 -0.09 0.00	24.34 -0.10 0.01	26.22 0.05 0.51	28.29 0.09 1.92	30.55 0.16 1.34	33.23 0.14 2.41	34.53 0.23 3.09	36.54 0.23 1.84	39.44 0.25 2.75	41.40 0.24 5.68	42.34 0.58 6.10	42.46 0.96 6.66	39.80 0.51 7.20	37.48 0.56 5.88	34.15 0.19 4.71	31.19 0.38 3.27	28.95 0.52 2.36
OAKDALE____35_KV_LOAD 356122	28.11 0.36 -0.22	24.38 0.34 0.00	22.24 0.31 0.00	21.29 0.23 -0.01	20.96 0.08 0.00	20.97 0.15 0.00	21.12 0.23 0.00	23.18 0.87 0.00	25.42 0.98 0.01	27.33 1.09 0.44	29.70 1.23 1.65	31.91 1.33 1.15	34.85 1.42 2.07	36.23 1.50 2.66	38.09 1.53 1.58	42.68 1.47 0.72	46.73 1.64 1.75	46.46 1.58 2.98	45.84 1.16 3.47	41.95 0.74 5.28	39.03 0.60 4.38	35.82 0.54 3.38	32.16 0.51 2.43	29.56 0.52 1.76
OCC_CHEM____DRP 24175	26.65 -0.88 0.00	23.47 -0.58 0.00	21.19 -0.75 0.00	20.34 -0.72 -0.01	19.81 -1.06 0.00	19.77 -1.06 0.00	20.05 -0.84 0.00	21.58 -0.74 0.00	23.61 -0.83 0.01	25.23 -0.93 0.51	27.04 -1.17 1.91	29.35 -1.05 1.33	31.58 -1.53 2.39	32.79 -1.53 3.07	34.72 -1.60 1.83	37.66 -1.85 2.43	39.53 -2.25 5.07	40.69 -1.53 5.64	40.12 -1.83 6.20	36.98 -2.51 6.99	34.94 -2.14 5.73	32.05 -2.05 4.56	29.47 -1.43 3.18	27.81 -0.68 2.30
OH_GEN_PROXY 24063	26.81 -0.72 0.00	23.56 -0.48 0.00	21.72 -0.22 0.00	20.40 -0.65 -0.01	20.25 -0.63 0.00	20.31 -0.52 0.00	20.28 -0.61 0.00	21.80 -0.51 0.00	23.90 -0.54 0.01	25.74 -0.43 0.51	27.60 -0.60 1.92	29.72 -0.67 1.33	32.03 -1.06 2.40	33.27 -1.05 3.08	35.28 -1.03 1.83	38.10 -1.38 2.45	40.10 -1.64 5.10	41.00 -1.19 5.67	40.59 -0.96 6.61	38.48 -1.35 6.66	35.77 -1.28 5.76	32.57 -1.51 4.58	29.93 -0.95 3.20	28.02 -0.46 2.31
OLIN_CORP_DRP 24177	26.62 -0.91 0.00	23.37 -0.67 0.00	21.48 -0.46 0.00	20.25 -0.80 -0.01	20.06 -0.81 0.00	20.02 -0.81 0.00	20.24 -0.65 0.00	21.69 -0.62 0.00	23.75 -0.68 0.01	25.37 -0.80 0.50	27.22 -0.99 1.90	29.54 -0.86 1.32	31.84 -1.28 2.39	33.03 -1.31 3.06	34.95 -1.37 1.82	37.88 -1.64 2.42	39.79 -2.01 5.04	41.05 -1.20 5.62	40.44 -1.54 6.18	37.29 -2.23 6.96	35.18 -1.93 5.70	32.27 -1.86 4.54	29.59 -1.33 3.17	27.86 -0.65 2.29
OLIN_CORP_DSASP 323712	26.51 -1.02 0.00	23.30 -0.75 0.00	21.70 -0.24 0.00	20.36 -0.69 -0.01	20.27 -0.61 0.00	20.33 -0.50 0.00	20.05 -0.84 0.00	21.53 -0.78 0.00	23.61 -0.83 0.01	25.39 -0.77 0.51	27.24 -0.96 1.91	29.35 -1.05 1.33	31.62 -1.49 2.39	32.83 -1.50 3.07	34.83 -1.49 1.83	37.66 -1.84 2.43	39.48 -2.29 5.07	40.35 -1.87 5.64	40.37 -1.59 6.20	37.54 -1.95 6.99	35.28 -1.80 5.73	32.09 -2.01 4.56	29.61 -1.30 3.18	27.81 -0.68 2.30
ONEIDA_HERK_LFGE 323681	28.18 0.52 -0.13	24.48 0.43 0.00	22.27 0.33 0.00	21.37 0.32 0.00	21.12 0.25 0.00	21.18 0.35 0.00	21.18 0.29 0.00	22.71 0.40 0.00	24.88 0.44 0.01	26.72 0.53 0.48	28.95 0.66 1.83	31.21 0.76 1.27	34.20 0.99 2.29	35.58 1.12 2.94	37.62 1.22 1.75	39.56 1.22 3.59	41.14 1.54 7.25	41.69 1.67 7.85	41.69 1.83 8.30	41.37 1.86 6.98	38.82 1.63 5.61	35.44 1.43 4.65	32.13 1.16 3.12	29.49 0.96 2.25
ONEIDA____115KV_TB4 55905	28.48 0.77 -0.18	24.69 0.65 0.00	22.48 0.55 0.00	21.56 0.51 0.00	21.25 0.38 0.00	21.29 0.46 0.00	21.35 0.46 0.00	22.96 0.65 0.00	25.15 0.71 0.01	26.98 0.77 0.47	29.35 0.99 1.77	31.60 1.11 1.23	34.70 1.42 2.22	36.09 1.53 2.84	38.09 1.64 1.69	40.28 1.80 3.46	41.98 2.11 6.98	42.72 2.39 7.54	42.45 2.26 7.97	41.90 2.14 6.73	39.32 1.93 5.41	35.84 1.66 4.48	32.44 1.36 3.01	29.82 1.20 2.17

ONONDAGA_REF_OCCRA 23987	27.85 -0.08 -0.40	23.97 -0.07 0.00	21.85 -0.09 0.00	20.93 -0.13 0.00	20.68 -0.19 0.00	20.68 -0.15 0.00	20.78 -0.10 0.00	22.22 -0.09 0.00	24.32 -0.12 0.01	26.25 -0.08 0.34	28.80 -0.03 1.29	30.83 0.00 0.89	33.96 0.07 1.61	35.44 0.11 2.07	37.07 0.15 1.23	39.22 0.17 2.89	41.25 0.19 5.78	42.45 0.81 6.23	42.26 0.63 6.52	41.85 0.33 4.97	39.10 0.26 3.97	35.51 0.19 3.34	32.05 0.17 2.20	29.35 0.15 1.59
ONONDAGA___COGEN 23986	28.11 -0.03 -0.61	24.00 -0.05 0.00	21.89 -0.04 0.00	20.97 -0.08 0.00	20.73 -0.15 0.00	20.72 -0.10 0.00	20.83 -0.06 0.00	22.18 -0.13 0.00	24.27 -0.17 0.01	26.29 -0.13 0.25	29.12 -0.06 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.62 1.01 6.25	42.57 0.82 6.40	43.19 0.51 3.81	40.26 0.43 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
ONTARIO___LFGE 23819	28.16 0.44 -0.19	24.40 0.36 0.00	22.33 0.40 0.00	21.18 0.13 0.00	20.96 0.08 0.00	21.04 0.21 0.00	21.06 0.17 0.00	22.78 0.47 0.00	24.98 0.54 0.01	26.97 0.72 0.42	29.36 0.84 1.60	31.56 0.95 1.11	34.48 0.99 2.01	35.79 0.97 2.57	37.68 1.07 1.53	40.38 0.97 2.52	42.80 1.12 5.16	43.86 1.72 5.72	43.84 1.83 6.15	41.86 1.30 5.93	39.10 1.11 4.81	35.52 0.77 3.91	32.33 0.92 2.68	29.75 0.89 1.93
ORANGEVILLE_WT_PWR 323706	27.59 0.06 0.00	24.19 0.15 0.00	22.22 0.28 0.00	20.91 -0.15 -0.01	20.73 -0.15 0.00	20.79 -0.04 0.00	20.78 -0.10 0.00	22.54 0.22 0.00	24.76 0.32 0.01	26.67 0.48 0.49	28.76 0.48 1.84	30.95 0.51 1.28	33.48 0.28 2.30	34.82 0.37 2.95	36.81 0.42 1.76	39.70 -0.13 2.11	42.27 -0.14 4.44	43.31 0.62 5.17	42.89 0.43 5.70	39.69 -0.23 6.57	37.21 -0.21 5.39	33.84 -0.54 4.28	30.85 -0.24 2.99	28.72 0.09 2.16
ORANGEVILLE___ESR 323794	27.59 0.06 0.00	24.19 0.15 0.00	22.22 0.28 0.00	20.91 -0.15 -0.01	20.73 -0.15 0.00	20.79 -0.04 0.00	20.78 -0.10 0.00	22.54 0.22 0.00	24.76 0.32 0.01	26.67 0.48 0.49	28.76 0.48 1.84	30.95 0.51 1.28	33.48 0.28 2.30	34.82 0.37 2.95	36.81 0.42 1.76	39.70 -0.13 2.11	42.27 -0.14 4.44	43.31 0.62 5.17	42.89 0.43 5.70	39.69 -0.23 6.57	37.21 -0.21 5.39	33.84 -0.54 4.28	30.85 -0.24 2.99	28.72 0.09 2.16
OSWEGATCHIE___HYD 24044	27.10 -0.63 -0.20	23.44 -0.60 0.00	21.32 -0.61 0.00	20.44 -0.61 0.00	20.31 -0.56 0.00	20.35 -0.48 0.00	20.35 -0.54 0.00	21.73 -0.58 0.00	23.78 -0.66 0.01	25.81 -0.61 0.25	28.45 -0.72 0.94	30.37 -0.70 0.66	33.68 -0.64 1.18	35.24 -0.64 1.51	36.67 -0.57 0.90	38.74 -1.01 2.19	41.58 -0.89 4.38	41.92 -1.01 4.94	42.28 -0.72 5.16	42.46 -0.19 3.84	39.62 -0.13 3.06	35.91 -0.15 2.59	32.11 -0.27 1.70	29.22 -0.34 1.23
OSWEGO___5 23606	29.48 -0.58 -2.53	23.56 -0.48 0.00	21.52 -0.42 0.00	20.59 -0.46 0.00	20.41 -0.46 0.00	20.43 -0.40 0.00	20.47 -0.42 0.00	21.78 -0.54 0.00	23.85 -0.61 -0.01	26.55 -0.61 -0.50	31.33 -0.66 -1.87	32.33 -0.70 -1.30	37.14 -0.71 -2.35	39.66 -0.75 -3.01	39.21 -0.73 -1.79	38.12 -0.84 2.98	40.69 -0.94 5.22	41.27 -0.43 6.16	42.64 -0.43 5.09	52.34 -0.61 -6.46	48.02 -0.60 -5.81	41.75 -0.58 -3.67	36.84 -0.48 -3.23	32.72 -0.40 -2.33
OSWEGO___6 23613	29.48 -0.58 -2.53	23.56 -0.48 0.00	21.52 -0.42 0.00	20.59 -0.46 0.00	20.41 -0.46 0.00	20.43 -0.40 0.00	20.47 -0.42 0.00	21.78 -0.54 0.00	23.85 -0.61 -0.01	26.55 -0.61 -0.50	31.33 -0.66 -1.87	32.33 -0.70 -1.30	37.14 -0.71 -2.35	39.66 -0.75 -3.01	39.21 -0.73 -1.79	38.12 -0.84 2.98	40.69 -0.94 5.22	41.27 -0.43 6.16	42.64 -0.43 5.09	52.34 -0.61 -6.46	48.02 -0.60 -5.81	41.75 -0.58 -3.67	36.84 -0.48 -3.23	32.72 -0.40 -2.33
OUTOKUMPU-AB___DRP 24206	27.31 -0.22 0.00	24.00 -0.05 0.00	21.87 -0.07 0.00	20.80 -0.25 -0.01	20.39 -0.48 0.00	20.35 -0.48 0.00	20.62 -0.27 0.00	22.22 -0.09 0.00	24.36 -0.07 0.01	26.06 -0.11 0.50	28.04 -0.18 1.90	30.43 0.03 1.32	32.87 -0.25 2.38	34.12 -0.22 3.05	36.10 -0.23 1.82	39.03 -0.50 2.40	41.13 -0.70 5.01	42.55 0.29 5.60	41.76 -0.24 6.15	38.43 -1.12 6.94	36.27 -0.86 5.69	33.17 -0.97 4.53	30.38 -0.55 3.16	28.57 0.06 2.28
OXBOW____ 24026	27.01 -0.52 0.00	23.73 -0.31 0.00	22.00 0.07 0.00	20.65 -0.40 -0.01	20.52 -0.35 0.00	20.58 -0.25 0.00	20.39 -0.50 0.00	21.91 -0.40 0.00	24.05 -0.39 0.01	25.90 -0.27 0.50	27.82 -0.39 1.90	29.99 -0.41 1.32	32.36 -0.75 2.39	33.62 -0.71 3.06	35.67 -0.65 1.82	38.51 -1.01 2.42	40.50 -1.31 5.04	41.48 -0.77 5.62	41.35 -0.63 6.18	38.40 -1.12 6.97	36.07 -1.03 5.71	32.76 -1.35 4.54	30.13 -0.78 3.17	28.29 -0.21 2.29
OXY_CHEM_DSASP 323612	26.65 -0.88 0.00	23.47 -0.58 0.00	21.19 -0.75 0.00	20.34 -0.72 -0.01	19.81 -1.06 0.00	19.77 -1.06 0.00	20.05 -0.84 0.00	21.58 -0.74 0.00	23.61 -0.83 0.01	25.23 -0.93 0.51	27.04 -1.17 1.91	29.35 -1.05 1.33	31.58 -1.53 2.39	32.79 -1.53 3.07	34.72 -1.60 1.83	37.66 -1.85 2.43	39.53 -2.25 5.07	40.69 -1.53 5.64	40.12 -1.83 6.20	36.98 -2.51 6.99	34.94 -2.14 5.73	32.05 -2.05 4.56	29.47 -1.43 3.18	27.81 -0.68 2.30
OZONE_PARK_ESR 323760	30.23 2.70 0.00	26.38 2.33 0.00	24.02 2.08 0.00	23.08 2.00 -0.04	22.65 1.77 0.00	22.64 1.81 0.00	22.85 1.96 0.00	24.63 2.32 0.00	27.03 2.59 0.01	29.24 2.91 0.34	32.08 3.25 1.29	34.12 3.30 0.90	37.37 3.48 1.61	38.94 3.63 2.08	40.63 3.66 1.17	50.61 4.32 -4.35	58.34 4.73 -6.76	61.35 5.31 -8.18	60.15 4.96 -7.03	46.09 3.72 4.12	42.41 3.42 3.83	39.70 3.25 2.21	34.96 3.00 2.13	32.18 2.93 1.53
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.65 -0.88 0.00	23.47 -0.58 0.00	21.19 -0.75 0.00	20.34 -0.72 -0.01	19.81 -1.06 0.00	19.77 -1.06 0.00	20.05 -0.84 0.00	21.58 -0.74 0.00	23.61 -0.83 0.01	25.23 -0.93 0.51	27.04 -1.17 1.91	29.35 -1.05 1.33	31.58 -1.53 2.39	32.79 -1.53 3.07	34.72 -1.60 1.83	37.66 -1.85 2.43	39.53 -2.25 5.07	40.69 -1.53 5.64	40.12 -1.83 6.20	36.98 -2.51 6.99	34.94 -2.14 5.73	32.05 -2.05 4.56	29.47 -1.43 3.18	27.81 -0.68 2.30
PACKARD___115KV_DUPONT_184 80571	26.65 -0.88 0.00	23.47 -0.58 0.00	21.19 -0.75 0.00	20.34 -0.72 -0.01	19.81 -1.06 0.00	19.77 -1.06 0.00	20.05 -0.84 0.00	21.58 -0.74 0.00	23.61 -0.83 0.01	25.23 -0.93 0.51	27.04 -1.17 1.91	29.35 -1.05 1.33	31.58 -1.53 2.39	32.79 -1.53 3.07	34.72 -1.60 1.83	37.66 -1.85 2.43	39.53 -2.25 5.07	40.69 -1.53 5.64	40.12 -1.83 6.20	36.98 -2.51 6.99	34.94 -2.14 5.73	32.05 -2.05 4.56	29.47 -1.43 3.18	27.81 -0.68 2.30
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.13 2.59 -0.01	26.31 2.26 -0.01	23.96 2.02 -0.01	23.03 1.94 -0.04	22.57 1.69 -0.01	22.59 1.75 -0.01	22.80 1.90 -0.01	24.57 2.25 0.00	26.96 2.52 0.01	29.11 2.77 0.33	31.79 2.95 1.29	33.91 3.08 0.89	37.05 3.16 1.61	38.76 3.44 2.07	40.41 3.43 1.16	50.06 3.77 -4.35	57.73 4.12 -6.76	60.73 4.69 -8.18	59.52 4.33 -7.03	45.11 2.74 4.12	41.68 2.70 3.83	39.24 2.78 2.21	34.62 2.66 2.12	32.03 2.77 1.53

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.46 2.92 -0.01	26.60 2.55 -0.01	24.23 2.28 -0.01	23.28 2.19 -0.04	22.74 1.86 -0.01	22.86 2.02 -0.01	23.07 2.17 -0.01	24.83 2.52 0.00	27.25 2.81 0.01	29.43 3.09 0.33	32.15 3.31 1.29	34.29 3.46 0.89	37.55 3.66 1.61	39.29 3.96 2.07	40.95 3.97 1.16	50.73 4.45 -4.35	58.53 4.92 -6.76	61.54 5.50 -8.18	60.39 5.20 -7.03	45.85 3.49 4.12	42.36 3.38 3.83	39.82 3.36 2.21	35.17 3.20 2.12	32.56 3.29 1.53
PATROON__115KV_TB1 80586	28.58 1.05 0.00	24.91 0.87 0.00	22.77 0.83 0.00	21.94 0.84 -0.05	21.58 0.71 0.00	21.58 0.75 0.00	21.70 0.81 0.00	23.20 0.89 0.00	25.47 1.03 0.01	27.40 1.09 0.37	29.99 1.26 1.39	32.05 1.30 0.97	35.15 1.42 1.77	36.69 1.53 2.24	38.30 1.56 1.41	51.91 2.01 -7.96	65.27 2.20 -16.22	70.72 2.63 -20.22	69.69 2.46 -19.08	44.85 2.05 3.68	40.49 1.84 4.16	39.11 1.66 1.21	33.27 1.50 2.31	30.32 1.20 1.67
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.42 -0.11 0.00	24.07 0.02 0.00	21.98 0.04 0.00	20.82 -0.23 -0.01	20.48 -0.40 0.00	20.45 -0.37 0.00	20.72 -0.17 0.00	22.51 0.20 0.00	24.73 0.29 0.01	26.50 0.32 0.50	28.55 0.30 1.87	30.96 0.54 1.30	33.43 0.28 2.35	34.76 0.37 3.01	36.73 0.38 1.79	39.05 -0.63 2.25	41.28 -0.84 4.72	43.54 1.05 5.38	41.70 -0.53 5.93	38.32 -1.39 6.78	36.06 -1.20 5.55	32.97 -1.28 4.41	30.08 -0.92 3.09	28.13 -0.43 2.23
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.73 2.20 0.00	25.97 1.92 0.00	23.65 1.71 0.00	22.77 1.68 -0.04	22.27 1.40 0.00	22.27 1.44 0.00	22.48 1.59 0.00	24.16 1.85 0.00	26.59 2.15 0.01	28.70 2.37 0.34	31.62 2.80 1.30	33.74 2.92 0.90	37.08 3.19 1.61	38.64 3.33 2.09	40.35 3.39 1.19	50.20 4.03 -4.24	57.83 4.26 -6.72	61.05 5.03 -8.16	60.07 4.86 -7.05	46.41 4.04 4.12	42.43 3.47 3.84	39.67 3.21 2.20	34.50 2.56 2.14	31.62 2.37 1.54
PEEKSKILL____ 23653	29.54 2.01 0.00	25.82 1.78 0.00	23.49 1.56 0.00	22.64 1.56 -0.04	22.25 1.38 0.00	22.25 1.42 0.00	22.41 1.52 0.00	24.12 1.81 0.00	26.47 2.03 0.01	28.54 2.21 0.34	31.33 2.50 1.29	33.33 2.51 0.90	36.56 2.66 1.60	38.09 2.77 2.07	39.72 2.75 1.17	49.50 3.31 -4.26	57.12 3.66 -6.61	59.89 4.02 -8.01	58.93 3.90 -6.88	45.26 2.88 4.11	41.56 2.57 3.81	38.93 2.48 2.21	34.18 2.21 2.12	31.41 2.15 1.53
PGE MADISON__WINDPWR 24146	30.28 2.50 -0.25	26.16 2.12 0.00	23.78 1.84 0.00	22.76 1.70 -0.01	22.39 1.52 0.00	22.47 1.65 0.00	22.46 1.57 0.00	24.65 2.34 0.00	27.03 2.59 0.01	29.08 2.83 0.42	31.88 3.34 1.58	34.21 3.58 1.10	37.89 4.37 1.98	39.53 4.67 2.53	41.56 4.92 1.51	46.45 5.07 0.55	51.65 6.23 1.42	51.27 5.74 2.33	51.49 6.17 2.83	47.47 6.09 5.10	43.94 5.39 4.26	40.02 4.60 3.24	35.60 3.88 2.37	32.47 3.39 1.71
PIERCEFIELD__HYD 23852	26.64 -0.99 -0.10	23.15 -0.89 0.00	21.06 -0.88 0.00	20.16 -0.88 0.00	20.12 -0.75 0.00	20.22 -0.60 0.00	20.18 -0.71 0.00	21.53 -0.78 0.00	23.59 -0.86 0.00	25.66 -0.83 0.18	28.47 -0.96 0.69	30.33 -0.92 0.48	33.72 -0.92 0.86	35.32 -0.97 1.10	36.53 -0.95 0.66	38.93 -1.51 1.50	42.39 -1.45 3.01	42.28 -2.01 3.57	42.72 -1.69 3.75	42.42 -1.12 2.95	39.59 -0.86 2.36	35.83 -0.85 1.98	31.89 -0.89 1.31	28.95 -0.89 0.95
PINELAWN_CC_1 323563	33.71 3.14 -3.04	33.18 2.74 -6.40	30.91 2.43 -6.54	29.05 2.38 -5.62	26.96 2.21 -3.87	27.00 2.23 -3.94	28.38 2.34 -5.16	28.83 2.68 -3.84	33.19 2.98 -5.76	34.07 3.23 -4.17	32.40 3.34 1.06	36.94 3.08 -2.14	40.32 3.30 -1.52	43.02 3.44 -2.18	44.62 3.24 -3.24	49.98 3.69 -4.35	59.57 3.79 -8.94	64.53 4.31 -12.36	63.07 3.90 -11.02	48.35 3.07 1.20	42.15 3.17 3.83	39.47 3.02 2.21	35.20 2.90 1.78	33.37 3.17 0.59
PJM_GEN_HTP_PROXY 323702	29.84 2.31 0.00	26.06 2.02 0.00	23.69 1.76 0.00	22.83 1.75 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.62 1.73 0.00	24.36 2.05 0.00	26.74 2.30 0.01	28.86 2.54 0.34	31.66 2.83 1.29	33.68 2.86 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.06 4.24 -6.67	45.76 3.02 3.74	41.81 2.82 3.83	39.16 2.71 2.21	34.48 2.52 2.13	31.78 2.53 1.53
PJM_GEN_KEystone 24065	28.30 0.77 0.00	24.79 0.75 0.00	22.66 0.72 0.00	21.62 0.55 -0.02	21.31 0.44 0.00	21.33 0.50 0.00	21.43 0.54 0.00	23.21 0.89 0.00	25.49 1.05 0.01	27.44 1.17 0.40	29.85 1.26 1.53	31.90 1.24 1.06	34.73 1.14 1.91	36.17 1.23 2.46	37.97 1.26 1.43	44.40 1.17 -1.29	49.62 1.27 -1.51	51.53 1.82 -1.85	50.38 1.59 -0.64	42.49 0.79 4.79	38.94 0.60 4.47	36.09 0.54 3.11	32.25 0.65 2.48	29.77 0.77 1.79
PJM_GEN_NEPTUNE_PROXY 323594	33.13 2.56 -3.04	32.68 2.24 -6.40	30.45 1.98 -6.54	28.65 1.98 -5.62	26.54 1.80 -3.87	26.60 1.83 -3.94	27.99 1.94 -5.16	28.41 2.25 -3.84	32.70 2.49 -5.76	33.57 2.72 -4.17	31.85 2.86 1.13	35.48 2.86 -0.90	37.02 3.12 1.61	42.79 3.22 -2.18	44.56 3.20 -3.21	49.89 3.61 -4.35	57.36 3.75 -6.76	60.21 4.16 -8.19	58.59 3.76 -6.67	45.67 2.93 3.74	41.76 2.78 3.83	39.08 2.63 2.21	34.24 2.28 2.13	31.81 2.55 1.54
PJM_GEN_VFT_PROXY 323633	29.79 2.26 0.00	25.99 1.95 0.00	23.63 1.69 0.00	22.79 1.70 -0.04	22.38 1.50 0.00	22.37 1.54 0.00	22.56 1.67 0.00	24.30 1.99 0.00	26.69 2.25 0.01	28.81 2.48 0.34	31.59 2.77 1.29	33.55 2.73 0.90	36.70 2.80 1.61	38.24 2.92 2.08	39.87 2.90 1.17	49.73 3.44 -4.35	57.36 3.75 -6.76	60.21 4.16 -8.18	58.77 3.95 -6.67	45.44 2.70 3.74	41.51 2.53 3.83	38.93 2.48 2.21	34.34 2.39 2.13	31.72 2.46 1.53
PLATSBRG_115KV_PMLD1 355749	28.00 0.47 0.00	24.45 0.41 0.00	22.22 0.29 0.00	21.22 0.17 0.00	21.27 0.40 0.00	21.29 0.46 0.00	21.26 0.38 0.00	22.69 0.38 0.00	24.96 0.51 0.00	27.23 0.69 0.13	30.34 0.72 0.50	32.23 0.86 0.35	35.90 1.03 0.63	37.68 1.08 0.80	38.77 1.11 0.48	41.53 0.59 0.99	45.73 0.89 2.00	45.92 0.62 2.57	46.26 0.82 2.71	45.08 0.88 2.29	42.08 1.11 1.84	37.91 0.77 1.53	33.61 0.55 1.02	30.45 0.40 0.74
PLEASANTVLY__LBMP 24000	29.29 1.76 0.00	25.58 1.54 0.00	23.36 1.43 0.00	22.50 1.41 -0.04	22.08 1.21 0.00	22.08 1.25 0.00	22.27 1.38 0.00	23.90 1.58 0.00	26.20 1.76 0.01	28.22 1.89 0.35	30.95 2.14 1.31	32.94 2.13 0.91	36.15 2.27 1.62	37.61 2.32 2.10	39.29 2.33 1.18	49.56 2.81 -4.82	57.36 3.04 -7.47	60.42 3.54 -9.01	59.22 3.27 -7.79	44.85 2.51 4.15	41.15 2.23 3.88	38.59 2.13 2.20	33.84 1.91 2.16	31.05 1.82 1.56
PLSNTVLE_13_KV_13.8KVDIST 80602	29.65 2.12 0.00	25.90 1.85 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.29 1.42 0.00	22.29 1.46 0.00	22.50 1.61 0.00	24.19 1.87 0.00	26.54 2.10 0.01	28.65 2.32 0.34	31.44 2.62 1.30	33.45 2.63 0.90	36.73 2.84 1.61	38.23 2.92 2.08	39.91 2.94 1.17	49.91 3.56 -4.41	57.54 3.84 -6.86	60.51 4.36 -8.29	59.39 4.09 -7.14	45.57 3.21 4.12	41.75 2.78 3.84	39.08 2.63 2.21	34.30 2.35 2.13	31.53 2.28 1.54

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.65 2.12 0.00	25.90 1.85 0.00	23.62 1.69 0.00	22.73 1.64 -0.04	22.29 1.42 0.00	22.29 1.46 0.00	22.50 1.61 0.00	24.19 1.87 0.00	26.54 2.10 0.01	28.65 2.32 0.34	31.44 2.62 1.30	33.45 2.63 0.90	36.73 2.84 1.61	38.23 2.92 2.08	39.91 2.94 1.17	49.91 3.56 -4.41	57.54 3.84 -6.86	60.51 4.36 -8.29	59.39 4.09 -7.14	45.57 3.21 4.12	41.75 2.78 3.84	39.08 2.63 2.21	34.30 2.35 2.13	31.53 2.28 1.54
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.54 2.01 0.00	25.77 1.73 0.00	23.52 1.58 0.00	22.62 1.54 -0.04	22.17 1.29 0.00	22.16 1.33 0.00	22.33 1.44 0.00	23.94 1.63 0.00	26.18 1.74 0.01	28.19 1.87 0.34	30.92 2.11 1.30	32.94 2.13 0.91	36.31 2.45 1.64	37.81 2.51 2.09	39.39 2.52 1.27	47.74 3.06 -2.74	55.67 3.51 -5.32	58.56 4.02 -6.68	57.90 3.80 -5.94	45.25 2.88 4.12	41.52 2.57 3.86	38.91 2.44 2.19	34.09 2.15 2.14	31.24 2.00 1.55
POLETTI____ 23519	29.87 2.34 0.00	26.09 2.04 0.00	23.76 1.82 0.00	22.85 1.77 -0.04	22.42 1.54 0.00	22.41 1.58 0.00	22.62 1.73 0.00	24.37 2.05 0.00	26.74 2.30 0.01	28.89 2.56 0.34	31.69 2.86 1.29	33.68 2.86 0.90	36.88 2.98 1.61	38.42 3.10 2.08	40.06 3.09 1.17	49.98 3.69 -4.35	57.59 3.98 -6.76	60.59 4.55 -8.18	59.43 4.24 -7.03	45.44 3.07 4.12	41.81 2.83 3.83	39.16 2.71 2.21	34.51 2.56 2.13	31.78 2.52 1.53
POMONA____ESR 323819	29.51 1.98 0.00	25.80 1.75 0.00	23.47 1.53 0.00	22.62 1.54 -0.03	22.23 1.36 0.00	22.20 1.37 0.00	22.37 1.48 0.00	24.10 1.79 0.00	26.40 1.96 0.01	28.47 2.13 0.34	31.19 2.35 1.28	33.18 2.35 0.89	36.43 2.52 1.59	37.96 2.62 2.05	39.61 2.63 1.16	49.09 3.15 -4.01	56.54 3.47 -6.23	59.24 3.83 -7.55	58.33 3.71 -6.46	45.05 2.65 4.09	41.38 2.35 3.78	38.77 2.32 2.21	34.10 2.11 2.10	31.30 2.03 1.52
PORT_JEFF_3 23555	33.87 3.30 -3.04	33.33 2.88 -6.40	31.02 2.54 -6.54	29.13 2.46 -5.62	27.06 2.32 -3.87	27.10 2.33 -3.94	28.51 2.46 -5.16	28.97 2.81 -3.84	33.31 3.11 -5.76	34.23 3.39 -4.17	32.84 3.43 0.71	38.41 3.27 -3.42	43.86 3.58 -4.78	43.25 3.67 -2.19	45.30 3.58 -3.57	50.28 3.99 -4.36	92.09 4.07 -41.17	126.81 4.64 -74.30	122.33 4.19 -69.99	91.90 3.39 -42.02	42.24 3.25 3.82	39.56 3.09 2.20	40.32 2.86 -3.37	37.27 3.23 -3.25
PORT_JEFF_4 23616	33.87 3.30 -3.04	33.33 2.88 -6.40	31.02 2.54 -6.54	29.13 2.46 -5.62	27.06 2.32 -3.87	27.10 2.33 -3.94	28.51 2.46 -5.16	28.97 2.81 -3.84	33.31 3.11 -5.76	34.23 3.39 -4.17	32.84 3.43 0.71	38.41 3.27 -3.42	43.86 3.58 -4.78	43.25 3.67 -2.19	45.30 3.58 -3.57	50.28 3.99 -4.36	92.09 4.07 -41.17	126.81 4.64 -74.30	122.33 4.19 -69.99	91.90 3.39 -42.02	42.24 3.25 3.82	39.56 3.09 2.20	40.32 2.86 -3.37	37.27 3.23 -3.25
PORT_JEFF_IC 23713	33.93 3.36 -3.04	33.35 2.91 -6.40	31.06 2.59 -6.54	29.15 2.48 -5.62	27.10 2.36 -3.87	27.14 2.37 -3.94	28.55 2.51 -5.16	29.01 2.86 -3.84	33.36 3.16 -5.76	34.29 3.44 -4.17	32.97 3.52 0.67	38.41 3.43 -3.26	43.59 3.73 -4.36	43.29 3.70 -2.20	45.40 3.63 -3.63	50.37 4.07 -4.37	97.23 4.17 -46.22	136.55 4.69 -84.00	131.66 4.28 -79.22	98.71 3.44 -48.79	42.29 3.30 3.81	39.64 3.17 2.19	41.23 2.96 -4.18	37.72 3.30 -3.64
PPL PILGRIM_ST_GT1 24216	33.99 3.41 -3.04	33.42 2.98 -6.40	31.13 2.65 -6.54	29.24 2.57 -5.62	27.14 2.40 -3.87	27.20 2.44 -3.94	28.59 2.55 -5.16	29.05 2.90 -3.84	33.43 3.23 -5.76	34.31 3.47 -4.17	32.94 3.49 0.67	44.93 3.55 -9.66	59.91 3.91 -20.50	43.54 3.96 -2.18	45.17 3.74 -3.29	50.52 4.23 -4.35	64.83 4.22 -13.77	74.25 4.74 -21.64	72.29 4.28 -19.85	55.20 3.44 -5.27	42.66 3.68 3.83	39.86 3.40 2.21	35.97 2.90 1.01	38.41 3.30 -4.33
PPL PILGRIM_ST_GT2 24217	33.99 3.41 -3.04	33.42 2.98 -6.40	31.13 2.65 -6.54	29.24 2.57 -5.62	27.14 2.40 -3.87	27.20 2.44 -3.94	28.59 2.55 -5.16	29.05 2.90 -3.84	33.43 3.23 -5.76	34.31 3.47 -4.17	32.94 3.49 0.67	44.93 3.55 -9.66	59.91 3.91 -20.50	43.54 3.96 -2.18	45.17 3.74 -3.29	50.52 4.23 -4.35	64.83 4.22 -13.77	74.25 4.74 -21.64	72.29 4.28 -19.85	55.20 3.44 -5.27	42.66 3.68 3.83	39.86 3.40 2.21	35.97 2.90 1.01	38.41 3.30 -4.33
PPL_SHRM_GT3 24213	33.96 3.39 -3.04	33.33 2.88 -6.40	31.02 2.54 -6.54	29.11 2.44 -5.62	27.02 2.28 -3.87	27.10 2.33 -3.94	28.55 2.51 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	33.00 3.58 0.71	38.69 3.52 -3.44	44.20 3.87 -4.83	43.74 4.15 -2.19	45.81 4.08 -3.58	50.79 4.49 -4.36	93.33 4.68 -41.80	128.63 5.27 -75.50	124.15 4.86 -71.13	93.34 4.00 -42.86	42.80 3.81 3.82	39.94 3.48 2.20	40.52 2.96 -3.47	37.35 3.23 -3.32
PPL_SHRM_GT4 24214	33.96 3.39 -3.04	33.33 2.88 -6.40	31.02 2.54 -6.54	29.11 2.44 -5.62	27.02 2.28 -3.87	27.10 2.33 -3.94	28.55 2.51 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	33.00 3.58 0.71	38.69 3.52 -3.44	44.20 3.87 -4.83	43.74 4.15 -2.19	45.81 4.08 -3.58	50.79 4.49 -4.36	93.33 4.68 -41.80	128.63 5.27 -75.50	124.15 4.86 -71.13	93.34 4.00 -42.86	42.80 3.81 3.82	39.94 3.48 2.20	40.52 2.96 -3.47	37.35 3.23 -3.32
PROJECT___ORANGE 1 24174	27.69 -0.17 -0.33	23.90 -0.14 0.00	21.78 -0.15 0.00	20.86 -0.19 0.00	20.62 -0.25 0.00	20.62 -0.21 0.00	20.72 -0.17 0.00	22.04 -0.27 0.00	24.15 -0.29 0.01	26.04 -0.27 0.36	28.48 -0.27 1.37	30.52 -0.25 0.95	33.57 -0.21 1.72	35.00 -0.19 2.20	36.68 -0.15 1.31	38.67 -0.13 3.14	40.38 -0.19 6.28	41.93 0.62 6.56	41.71 0.43 6.88	41.21 0.14 5.41	38.56 0.09 4.33	35.07 0.04 3.63	31.71 0.03 2.41	29.08 0.03 1.74
PROJECT___ORANGE 2 24166	27.69 -0.17 -0.33	23.90 -0.14 0.00	21.78 -0.15 0.00	20.86 -0.19 0.00	20.62 -0.25 0.00	20.62 -0.21 0.00	20.72 -0.17 0.00	22.04 -0.27 0.00	24.15 -0.29 0.01	26.04 -0.27 0.36	28.48 -0.27 1.37	30.52 -0.25 0.95	33.57 -0.21 1.72	35.00 -0.19 2.20	36.68 -0.15 1.31	38.67 -0.13 3.14	40.38 -0.19 6.28	41.93 0.62 6.56	41.71 0.43 6.88	41.21 0.14 5.41	38.56 0.09 4.33	35.07 0.04 3.63	31.71 0.03 2.41	29.08 0.03 1.74
PUCKETT___SOLAR 323809	28.63 0.88 -0.22	24.84 0.79 0.00	22.66 0.72 0.00	21.65 0.59 -0.01	21.37 0.50 0.00	21.43 0.60 0.00	21.43 0.54 0.00	23.49 1.18 0.00	25.73 1.29 0.01	27.62 1.39 0.43	30.02 1.54 1.64	32.20 1.62 1.14	35.26 1.81 2.05	36.71 1.94 2.63	38.64 2.06 1.57	43.41 2.01 0.54	47.83 2.39 1.40	47.65 2.30 2.51	47.51 2.36 3.01	43.31 2.04 5.22	40.25 1.80 4.35	36.85 1.51 3.32	32.99 1.33 2.42	30.28 1.23 1.75
PYRITES___HYD 24023	27.21 -0.41 -0.10	23.66 -0.38 0.00	21.50 -0.44 0.00	20.59 -0.46 0.00	20.52 -0.35 0.00	20.66 -0.17 0.00	20.60 -0.29 0.00	22.00 -0.31 0.00	24.10 -0.34 0.00	26.23 -0.27 0.18	29.15 -0.30 0.67	31.07 -0.19 0.46	34.59 -0.07 0.83	36.25 -0.07 1.07	37.47 -0.04 0.64	39.95 -0.55 1.44	43.62 -0.33 2.89	43.45 -0.96 3.46	43.95 -0.58 3.63	43.75 0.14 2.87	40.81 0.30 2.30	36.93 0.19 1.93	32.80 0.00 1.28	29.74 -0.12 0.92

QUAKERRD_115KV_BK1 80622	26.81 -0.72 0.00	23.42 -0.63 0.00	21.34 -0.59 0.00	20.40 -0.65 0.00	20.10 -0.77 0.00	20.04 -0.79 0.00	20.24 -0.65 0.00	21.69 -0.62 0.00	23.75 -0.68 0.01	25.47 -0.69 0.51	27.44 -0.75 1.93	29.75 -0.63 1.34	32.41 -0.67 2.42	33.58 -0.71 3.10	35.57 -0.72 1.84	38.46 -0.67 2.80	40.23 -0.84 5.77	41.36 -0.34 6.17	41.08 -0.34 6.74	38.40 -0.84 7.25	36.20 -0.68 5.93	33.22 -0.70 4.74	30.28 -0.51 3.29	28.14 -0.28 2.38
QUENSBRY_115KV_TB8 356137	29.98 2.45 0.00	26.09 2.04 0.00	23.80 1.86 0.00	22.82 1.73 -0.05	22.50 1.63 0.00	22.45 1.62 0.00	22.62 1.73 0.00	24.32 2.01 0.00	26.81 2.37 0.01	28.29 2.00 0.38	31.01 2.32 1.43	33.30 2.57 0.99	36.53 2.84 1.81	38.17 3.07 2.29	39.90 3.20 1.45	57.37 4.19 -11.24	74.01 4.64 -22.53	81.04 5.22 -27.96	79.65 5.01 -26.49	47.84 4.74 3.39	42.78 4.24 4.26	41.75 3.75 0.66	34.92 3.20 2.37	31.45 2.37 1.71
RAMAPO___LBMP 323565	29.37 1.84 0.00	25.70 1.66 0.00	23.45 1.51 0.00	22.54 1.45 -0.03	22.10 1.23 0.00	22.10 1.27 0.00	22.29 1.40 0.00	23.99 1.67 0.00	26.32 1.88 0.01	28.39 2.05 0.34	31.13 2.29 1.28	33.12 2.28 0.89	36.33 2.41 1.59	37.85 2.51 2.05	39.50 2.52 1.16	48.89 2.98 -3.98	56.31 3.28 -6.18	59.13 3.78 -7.48	58.08 3.52 -6.40	45.00 2.60 4.09	41.30 2.27 3.78	38.65 2.20 2.21	34.00 2.01 2.10	31.21 1.94 1.51
RANKINE____ 23646	27.45 -0.08 0.00	24.09 0.05 0.00	22.00 0.07 0.00	20.86 -0.19 -0.01	20.50 -0.38 0.00	20.47 -0.35 0.00	20.74 -0.15 0.00	22.47 0.16 0.00	24.63 0.20 0.01	26.39 0.21 0.50	28.42 0.18 1.88	30.80 0.38 1.31	33.25 0.11 2.36	34.56 0.19 3.02	36.54 0.19 1.80	39.39 -0.25 2.30	41.58 -0.47 4.80	43.24 0.81 5.44	42.12 -0.05 5.99	38.78 -0.88 6.82	36.49 -0.73 5.59	33.41 -0.81 4.44	30.50 -0.48 3.11	28.55 0.00 2.24
RAVENSWOOD_GT2_1 24244	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.71 2.89 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.53
RAVENSWOOD_GT2_2 24245	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.71 2.89 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.93 3.65 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.53
RAVENSWOOD_GT2_3 24246	29.90 2.37 0.00	26.11 2.07 0.00	23.74 1.80 0.00	22.90 1.81 -0.04	22.50 1.63 0.00	22.47 1.65 0.00	22.66 1.77 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.94 2.62 0.34	31.75 2.92 1.29	33.74 2.92 0.90	36.98 3.09 1.61	38.53 3.22 2.08	40.14 3.16 1.17	50.02 3.73 -4.35	57.64 4.03 -6.76	60.50 4.45 -8.18	59.48 4.28 -7.04	45.44 3.07 4.12	41.85 2.87 3.83	39.24 2.79 2.21	34.58 2.62 2.13	31.84 2.59 1.53
RAVENSWOOD_GT2_4 24247	29.90 2.37 0.00	26.11 2.07 0.00	23.74 1.80 0.00	22.90 1.81 -0.04	22.50 1.63 0.00	22.47 1.65 0.00	22.66 1.77 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.94 2.62 0.34	31.75 2.92 1.29	33.74 2.92 0.90	36.98 3.09 1.61	38.53 3.22 2.08	40.14 3.16 1.17	50.02 3.73 -4.35	57.64 4.03 -6.76	60.50 4.45 -8.18	59.48 4.28 -7.04	45.44 3.07 4.12	41.85 2.87 3.83	39.24 2.79 2.21	34.58 2.62 2.13	31.84 2.59 1.53
RAVENSWOOD_GT3_1 24248	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.53
RAVENSWOOD_GT3_2 24249	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.53
RAVENSWOOD_GT3_3 24250	29.93 2.40 0.00	26.11 2.07 0.00	23.80 1.86 0.00	22.90 1.81 -0.04	22.44 1.57 0.00	22.45 1.62 0.00	22.66 1.78 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.94 2.61 0.34	31.75 2.92 1.29	33.77 2.95 0.90	36.98 3.09 1.61	38.50 3.18 2.08	40.18 3.20 1.17	50.06 3.77 -4.35	57.68 4.08 -6.76	60.68 4.64 -8.18	59.52 4.33 -7.03	45.58 3.21 4.12	41.89 2.91 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.84 2.59 1.53
RAVENSWOOD_GT3_4 24251	29.90 2.37 0.00	26.09 2.04 0.00	23.74 1.80 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.53
RAVENSWOOD_GT_1 23729	30.03 2.48 -0.02	26.18 2.14 0.00	23.80 1.86 0.00	22.94 1.85 -0.04	22.54 1.67 0.00	22.52 1.69 0.00	22.71 1.82 0.00	24.48 2.16 0.00	26.89 2.44 0.01	29.06 2.72 0.33	32.14 3.04 1.02	33.91 3.08 0.89	37.13 3.23 1.60	38.69 3.37 2.07	40.30 3.32 1.16	49.90 3.61 -4.36	57.50 3.89 -6.77	60.41 4.36 -8.19	59.29 4.09 -7.04	45.25 2.88 4.12	41.72 2.74 3.83	39.28 2.82 2.20	34.87 2.76 1.97	32.02 2.74 1.51
RAVENSWOOD_GT_10 24258	29.90 2.37 0.00	26.11 2.07 0.00	23.80 1.86 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.39 2.08 0.00	26.79 2.35 0.01	28.94 2.61 0.34	31.75 2.92 1.29	33.74 2.92 0.90	36.98 3.09 1.61	38.49 3.18 2.08	40.18 3.20 1.17	50.06 3.77 -4.35	57.68 4.08 -6.76	60.68 4.64 -8.18	59.52 4.33 -7.03	45.58 3.21 4.12	41.89 2.91 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.84 2.59 1.54
RAVENSWOOD_GT_11 24259	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.91 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.64 4.03 -6.76	60.50 4.45 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.54



RAVENSWOOD_GT_4 24252	29.90 2.37 -0.01	26.11 2.07 0.00	23.78 1.84 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.39 2.08 0.00	26.76 2.32 0.01	28.91 2.59 0.35	31.91 2.89 1.10	33.74 2.92 0.90	36.95 3.05 1.60	38.49 3.18 2.08	40.18 3.20 1.17	50.07 3.77 -4.36	57.74 4.12 -6.77	60.69 4.64 -8.18	59.52 4.33 -7.03	45.62 3.25 4.12	41.93 2.95 3.83	39.28 2.82 2.20	34.65 2.59 2.02	31.82 2.56 1.53
RAVENSWOOD_GT_5 24254	29.90 2.37 -0.01	26.11 2.07 0.00	23.78 1.84 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.39 2.08 0.00	26.76 2.32 0.01	28.91 2.59 0.35	31.91 2.89 1.10	33.74 2.92 0.90	36.95 3.05 1.60	38.49 3.18 2.08	40.18 3.20 1.17	50.07 3.77 -4.36	57.74 4.12 -6.77	60.69 4.64 -8.18	59.52 4.33 -7.03	45.62 3.25 4.12	41.93 2.95 3.83	39.28 2.82 2.20	34.65 2.59 2.02	31.82 2.56 1.53
RAVENSWOOD_GT_6 24253	29.90 2.37 -0.01	26.11 2.07 0.00	23.78 1.84 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.39 2.08 0.00	26.76 2.32 0.01	28.91 2.59 0.35	31.91 2.89 1.10	33.74 2.92 0.90	36.95 3.05 1.60	38.49 3.18 2.08	40.18 3.20 1.17	50.07 3.77 -4.36	57.74 4.12 -6.77	60.69 4.64 -8.18	59.52 4.33 -7.03	45.62 3.25 4.12	41.93 2.95 3.83	39.28 2.82 2.20	34.65 2.59 2.02	31.82 2.56 1.53
RAVENSWOOD_GT_7 24255	29.90 2.37 -0.01	26.11 2.07 0.00	23.78 1.84 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.39 2.08 0.00	26.76 2.32 0.01	28.91 2.59 0.35	31.91 2.89 1.10	33.74 2.92 0.90	36.95 3.05 1.60	38.49 3.18 2.08	40.18 3.20 1.17	50.07 3.77 -4.36	57.74 4.12 -6.77	60.69 4.64 -8.18	59.52 4.33 -7.03	45.62 3.25 4.12	41.93 2.95 3.83	39.28 2.82 2.20	34.65 2.59 2.02	31.82 2.56 1.53
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.90 2.37 0.00	26.11 2.07 0.00	23.80 1.86 0.00	22.87 1.79 -0.04	22.44 1.57 0.00	22.43 1.60 0.00	22.66 1.78 0.00	24.39 2.08 0.00	26.79 2.35 0.01	28.94 2.61 0.34	31.75 2.92 1.29	33.74 2.92 0.90	36.98 3.09 1.61	38.49 3.18 2.08	40.18 3.20 1.17	50.06 3.77 -4.35	57.68 4.08 -6.76	60.68 4.64 -8.18	59.52 4.33 -7.03	45.58 3.21 4.12	41.89 2.91 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.84 2.59 1.54
RAVENSWOOD_GT_9 24257	29.90 2.37 0.00	26.09 2.04 0.00	23.71 1.78 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.91 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.64 4.03 -6.76	60.50 4.45 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.54
RAVENSWOOD___1 23533	30.02 2.48 -0.01	26.18 2.14 0.00	23.78 1.84 0.00	22.92 1.83 -0.04	22.52 1.65 0.00	22.50 1.67 0.00	22.69 1.80 0.00	24.45 2.14 0.00	26.86 2.42 0.01	29.03 2.69 0.33	31.87 3.04 1.29	33.88 3.05 0.89	37.12 3.23 1.61	38.65 3.33 2.07	40.25 3.28 1.17	49.85 3.56 -4.35	57.45 3.84 -6.76	60.36 4.31 -8.18	59.29 4.09 -7.04	45.20 2.84 4.12	41.72 2.74 3.83	39.27 2.82 2.21	34.72 2.76 2.12	31.97 2.71 1.53
RAVENSWOOD___2 23534	29.93 2.39 -0.01	26.11 2.07 0.00	23.74 1.80 0.00	22.87 1.79 -0.04	22.46 1.59 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.41 2.10 0.00	26.79 2.35 0.01	28.95 2.62 0.33	31.79 2.95 1.29	33.81 2.98 0.89	37.02 3.12 1.61	38.58 3.25 2.07	40.10 3.13 1.17	49.47 3.19 -4.35	57.02 3.42 -6.76	59.92 3.88 -8.18	58.85 3.66 -7.04	44.87 2.51 4.12	41.51 2.53 3.83	39.20 2.75 2.21	34.66 2.69 2.12	31.91 2.65 1.53
RAVENSWOOD___3 23535	29.90 2.37 0.00	26.09 2.04 0.00	23.74 1.80 0.00	22.87 1.79 -0.04	22.48 1.61 0.00	22.45 1.63 0.00	22.64 1.75 0.00	24.39 2.08 0.00	26.77 2.32 0.01	28.92 2.59 0.34	31.72 2.89 1.29	33.74 2.92 0.90	36.95 3.05 1.61	38.49 3.18 2.08	40.10 3.13 1.17	49.98 3.69 -4.35	57.59 3.98 -6.76	60.45 4.40 -8.18	59.43 4.24 -7.04	45.39 3.02 4.12	41.81 2.82 3.83	39.20 2.75 2.21	34.55 2.59 2.13	31.84 2.59 1.53
RAVENSWOOD___4 23820	29.97 2.45 0.01	26.16 2.12 0.00	23.76 1.82 0.00	22.90 1.81 -0.04	22.50 1.63 0.00	22.47 1.65 0.00	22.66 1.77 0.00	24.43 2.12 0.00	26.84 2.40 0.01	29.00 2.67 0.34	31.58 3.01 1.55	33.85 3.02 0.89	37.08 3.20 1.61	38.65 3.33 2.07	40.20 3.24 1.18	49.80 3.52 -4.34	57.39 3.79 -6.75	60.30 4.26 -8.18	59.24 4.05 -7.04	45.15 2.79 4.12	41.68 2.70 3.83	39.23 2.79 2.22	34.55 2.73 2.26	31.92 2.68 1.54
RCPL_TRUST___DRP 24196	29.90 2.37 0.00	26.14 2.09 0.00	23.80 1.86 0.00	22.90 1.81 -0.04	22.44 1.57 0.00	22.45 1.62 0.00	22.66 1.78 0.00	24.41 2.10 0.00	26.81 2.37 0.01	28.97 2.64 0.34	31.75 2.92 1.29	33.77 2.95 0.90	37.02 3.12 1.61	38.53 3.22 2.08	40.21 3.24 1.17	50.10 3.82 -4.35	57.78 4.17 -6.76	60.78 4.74 -8.18	59.62 4.43 -7.03	45.67 3.30 4.12	41.98 3.00 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.84 2.59 1.53
RED___ROCHESTER 323720	27.72 0.19 0.00	24.24 0.19 0.00	22.22 0.28 0.00	21.03 -0.02 0.00	20.87 0.00 0.00	20.83 0.00 0.00	20.85 -0.04 0.00	22.36 0.04 0.00	24.51 0.07 0.01	26.40 0.24 0.51	28.52 0.33 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.88 0.60 3.11	36.94 0.65 1.85	39.84 0.67 2.76	41.86 0.70 5.69	42.80 1.05 6.11	42.92 1.44 6.68	40.17 0.93 7.25	37.82 0.94 5.93	34.46 0.54 4.74	31.47 0.68 3.29	29.21 0.80 2.38
REGAN___SOLAR 323812	30.97 3.44 0.00	26.90 2.86 0.00	24.48 2.54 0.00	23.44 2.34 -0.06	22.86 1.98 0.00	23.12 2.29 0.00	23.19 2.30 0.00	25.03 2.72 0.00	27.52 3.08 0.01	29.59 3.31 0.39	32.39 3.73 1.46	34.93 4.22 1.02	38.20 4.55 1.85	39.94 4.90 2.35	41.99 5.30 1.46	59.21 6.58 -10.69	75.64 7.78 -21.02	82.52 8.67 -25.99	81.65 9.00 -24.49	51.67 8.79 3.60	46.57 8.09 4.33	45.02 7.27 0.91	37.81 6.13 2.41	33.79 4.74 1.74
RENSSELAER___COGEN 23796	28.41 0.88 0.00	24.76 0.72 0.00	22.62 0.68 0.00	21.83 0.74 -0.05	21.52 0.65 0.00	21.50 0.67 0.00	21.60 0.71 0.00	23.09 0.78 0.00	25.30 0.86 0.01	27.18 0.88 0.37	29.76 1.02 1.38	31.81 1.05 0.96	34.85 1.10 1.75	36.37 1.20 2.22	37.93 1.18 1.40	50.21 1.59 -6.68	62.35 1.73 -13.77	67.14 2.06 -17.22	66.39 2.02 -16.21	44.22 1.53 3.80	40.06 1.37 4.12	38.55 1.32 1.43	32.96 1.16 2.29	30.09 0.96 1.65
REPUBLIC_115KV_BARTNBRK 55605	31.94 4.40 0.00	27.75 3.70 0.00	25.31 3.38 0.00	24.11 3.01 -0.05	23.67 2.80 0.00	23.70 2.87 0.00	23.92 3.03 0.00	25.86 3.55 0.00	28.65 4.21 0.01	30.53 4.24 0.38	33.66 4.97 1.43	36.25 5.52 0.99	39.72 6.03 1.81	41.61 6.51 2.29	43.52 6.83 1.45	61.62 8.51 -11.17	78.73 9.46 -22.42	86.03 10.34 -27.83	84.73 10.21 -26.36	52.95 9.86 3.39	47.45 8.90 4.26	45.81 7.81 0.66	38.46 6.75 2.37	34.22 5.14 1.71

REVERE_CPPR_DRP 24186	28.69 0.99 -0.17	24.86 0.82 0.00	22.62 0.68 0.00	21.68 0.63 0.00	21.37 0.50 0.00	21.41 0.58 0.00	21.47 0.58 0.00	23.07 0.76 0.00	25.27 0.83 0.01	27.11 0.91 0.47	29.52 1.17 1.78	31.79 1.30 1.24	34.94 1.67 2.23	36.37 1.83 2.85	38.43 1.98 1.70	40.54 2.10 3.49	42.33 2.53 7.04	43.03 2.78 7.61	42.80 2.70 8.05	42.41 2.70 6.77	39.76 2.40 5.45	36.23 2.09 4.52	32.76 1.70 3.03	30.08 1.48 2.18
REYNOLDS_115KV_TB3 80639	28.60 1.07 0.00	24.96 0.91 0.00	22.81 0.88 0.00	22.00 0.91 -0.05	21.64 0.77 0.00	21.64 0.81 0.00	21.77 0.88 0.00	23.25 0.94 0.00	25.49 1.05 0.01	27.40 1.09 0.37	29.97 1.23 1.39	32.00 1.24 0.96	35.05 1.31 1.76	36.59 1.42 2.23	38.14 1.41 1.41	50.75 1.85 -6.97	63.37 1.97 -14.56	68.48 2.39 -18.22	67.59 2.22 -17.22	44.55 1.81 3.74	40.30 1.63 4.13	38.84 1.51 1.33	33.15 1.36 2.30	30.24 1.11 1.66
RIVERBAY____ 323610	30.46 2.92 -0.01	26.60 2.55 -0.01	24.23 2.28 -0.01	23.28 2.19 -0.04	22.74 1.86 -0.01	22.86 2.02 -0.01	23.07 2.17 -0.01	24.83 2.52 0.00	27.25 2.81 0.01	29.43 3.09 0.33	32.15 3.31 1.29	34.29 3.46 0.89	37.55 3.66 1.61	39.29 3.96 2.07	40.95 3.97 1.16	50.73 4.45 -4.35	58.53 4.92 -6.76	61.54 5.50 -8.18	60.39 5.20 -7.03	45.85 3.49 4.12	42.36 3.38 3.83	39.82 3.36 2.21	35.17 3.20 2.12	32.56 3.29 1.53
RIVERSDE_115KV_TB3 55908	28.55 1.02 0.00	24.89 0.84 0.00	22.77 0.83 0.00	21.94 0.84 -0.05	21.58 0.71 0.00	21.58 0.75 0.00	21.70 0.81 0.00	23.20 0.89 0.00	25.44 1.00 0.01	27.34 1.04 0.37	29.94 1.20 1.39	31.96 1.21 0.97	35.05 1.31 1.76	36.55 1.38 2.23	38.15 1.41 1.41	51.03 1.85 -7.25	63.83 2.01 -14.97	68.96 2.39 -18.70	68.07 2.26 -17.65	44.61 1.86 3.73	40.30 1.63 4.14	38.86 1.51 1.31	33.15 1.36 2.30	30.24 1.11 1.66
ROARING__BROOK_WT_PWR 323790	27.45 -0.08 0.00	23.97 -0.07 0.00	21.89 -0.04 0.00	21.03 -0.02 0.00	20.85 -0.02 0.00	20.85 0.02 0.00	20.89 0.00 0.00	22.31 0.00 0.00	24.46 0.02 0.01	26.13 0.05 0.60	27.94 0.09 2.27	30.18 0.03 1.58	32.66 0.00 2.84	33.79 0.04 3.64	36.05 0.08 2.17	38.01 0.17 4.09	38.82 0.28 8.31	41.17 0.28 6.65	41.03 -0.05 7.08	40.13 -0.05 6.31	37.58 -0.13 5.10	34.28 -0.19 4.19	31.02 -0.24 2.83	28.47 -0.28 2.04
ROCHESRG_115KV_T4 355643	27.34 -0.19 0.00	23.92 -0.12 0.00	21.78 -0.15 0.00	20.80 -0.25 0.00	20.50 -0.38 0.00	20.43 -0.40 0.00	20.64 -0.25 0.00	22.16 -0.16 0.00	24.24 -0.20 0.01	25.97 -0.19 0.52	27.96 -0.21 1.95	30.34 -0.03 1.35	32.99 -0.07 2.44	34.19 -0.07 3.13	36.21 -0.08 1.86	39.25 0.08 2.77	41.09 -0.05 5.71	42.26 0.53 6.13	41.94 0.48 6.70	39.09 -0.09 7.30	36.88 0.04 5.97	33.85 -0.04 4.77	30.87 0.10 3.32	28.77 0.37 2.39
ROCHESTER_9_IC 23652	27.53 0.00 0.00	24.07 0.02 0.00	21.94 0.00 0.00	20.93 -0.13 0.00	20.62 -0.25 0.00	20.54 -0.29 0.00	20.76 -0.13 0.00	22.29 -0.02 0.00	24.39 -0.05 0.01	26.16 0.00 0.51	28.22 0.03 1.93	30.60 0.22 1.35	33.32 0.25 2.43	34.55 0.26 3.11	36.56 0.27 1.85	39.59 0.42 2.76	41.48 0.33 5.69	42.66 0.91 6.11	42.39 0.91 6.68	39.52 0.28 7.25	37.31 0.43 5.93	34.19 0.27 4.74	31.17 0.37 3.29	29.00 0.58 2.38
ROCKVIEW_13_KV_LD 356306	29.84 2.31 0.00	26.06 2.02 0.00	23.76 1.82 0.00	22.85 1.77 -0.04	22.42 1.54 0.00	22.41 1.58 0.00	22.62 1.73 0.00	24.34 2.03 0.00	26.74 2.30 0.01	28.89 2.56 0.34	31.72 2.89 1.29	33.74 2.92 0.90	37.02 3.12 1.61	38.53 3.22 2.08	40.21 3.24 1.17	50.19 3.90 -4.35	57.82 4.22 -6.76	60.78 4.74 -8.18	59.67 4.48 -7.03	45.90 3.53 4.12	42.06 3.08 3.83	39.35 2.90 2.21	34.55 2.59 2.13	31.75 2.49 1.53
ROME____115KV_TB2 80656	28.69 0.99 -0.17	24.86 0.82 0.00	22.62 0.68 0.00	21.68 0.63 0.00	21.37 0.50 0.00	21.41 0.58 0.00	21.47 0.58 0.00	23.07 0.76 0.00	25.27 0.83 0.01	27.11 0.91 0.47	29.52 1.17 1.78	31.79 1.30 1.24	34.94 1.67 2.23	36.37 1.83 2.85	38.43 1.98 1.70	40.54 2.10 3.49	42.33 2.53 7.04	43.03 2.78 7.61	42.80 2.70 8.05	42.41 2.70 6.77	39.76 2.40 5.45	36.23 2.09 4.52	32.76 1.70 3.03	30.08 1.48 2.18
ROSETON__1 23587	29.27 1.74 0.00	25.56 1.52 0.00	23.27 1.34 0.00	22.45 1.37 -0.04	22.08 1.21 0.00	22.08 1.25 0.00	22.23 1.34 0.00	23.87 1.56 0.00	26.18 1.74 0.01	28.17 1.84 0.34	30.90 2.08 1.29	32.92 2.09 0.90	36.09 2.20 1.61	37.60 2.28 2.08	39.21 2.25 1.18	48.85 2.72 -4.19	56.42 3.00 -6.57	59.13 3.30 -7.97	58.24 3.23 -6.86	44.69 2.32 4.12	41.08 2.10 3.83	38.49 2.05 2.21	33.80 1.84 2.13	31.07 1.82 1.54
ROSETON__2 23588	29.27 1.74 0.00	25.56 1.52 0.00	23.27 1.34 0.00	22.45 1.37 -0.04	22.08 1.21 0.00	22.08 1.25 0.00	22.23 1.34 0.00	23.87 1.56 0.00	26.18 1.74 0.01	28.17 1.84 0.34	30.90 2.08 1.29	32.92 2.09 0.90	36.09 2.20 1.61	37.60 2.28 2.08	39.21 2.25 1.18	48.85 2.72 -4.19	56.42 3.00 -6.57	59.13 3.30 -7.97	58.24 3.23 -6.86	44.69 2.32 4.12	41.08 2.10 3.83	38.49 2.05 2.21	33.80 1.84 2.13	31.07 1.82 1.54
ROTTTRDAM_115KV_TB3 80664	28.91 1.38 0.00	25.22 1.18 0.00	23.03 1.10 0.00	22.17 1.07 -0.05	21.79 0.92 0.00	21.81 0.98 0.00	21.93 1.04 0.00	23.49 1.18 0.00	25.79 1.34 0.01	27.65 1.36 0.38	30.22 1.54 1.44	32.31 1.59 1.00	35.42 1.74 1.82	36.92 1.83 2.31	38.57 1.87 1.44	56.63 2.35 -12.35	73.79 2.58 -24.36	81.03 3.02 -30.15	79.57 2.89 -28.53	45.68 2.51 3.32	40.74 2.23 4.29	40.18 2.05 0.53	33.51 1.81 2.38	30.55 1.48 1.72
RUSSELL__1 23602	27.70 0.17 0.00	24.19 0.14 0.00	22.05 0.11 0.00	21.01 -0.04 0.00	20.73 -0.15 0.00	20.62 -0.21 0.00	20.85 -0.04 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.32 0.16 0.51	28.40 0.21 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.85 0.56 3.11	36.87 0.57 1.85	39.93 0.75 2.76	41.86 0.70 5.69	43.04 1.29 6.11	42.73 1.25 6.68	39.84 0.60 7.25	37.61 0.73 5.93	34.46 0.54 4.74	31.40 0.61 3.29	29.21 0.80 2.38
RUSSELL__2 23532	27.70 0.17 0.00	24.19 0.14 0.00	22.05 0.11 0.00	21.01 -0.04 0.00	20.73 -0.15 0.00	20.62 -0.21 0.00	20.85 -0.04 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.32 0.16 0.51	28.40 0.21 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.85 0.56 3.11	36.87 0.57 1.85	39.93 0.75 2.76	41.86 0.70 5.69	43.04 1.29 6.11	42.73 1.25 6.68	39.84 0.60 7.25	37.61 0.73 5.93	34.46 0.54 4.74	31.40 0.61 3.29	29.21 0.80 2.38
RUSSELL__3 23549	27.70 0.17 0.00	24.19 0.14 0.00	22.05 0.11 0.00	21.01 -0.04 0.00	20.73 -0.15 0.00	20.62 -0.21 0.00	20.85 -0.04 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.32 0.16 0.51	28.40 0.21 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.85 0.56 3.11	36.87 0.57 1.85	39.93 0.75 2.76	41.86 0.70 5.69	43.04 1.29 6.11	42.73 1.25 6.68	39.84 0.60 7.25	37.61 0.73 5.93	34.46 0.54 4.74	31.40 0.61 3.29	29.21 0.80 2.38

RUSSELL___4 23556	27.70 0.17 0.00	24.19 0.14 0.00	22.05 0.11 0.00	21.01 -0.04 0.00	20.73 -0.15 0.00	20.62 -0.21 0.00	20.85 -0.04 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.32 0.16 0.51	28.40 0.21 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.85 0.56 3.11	36.87 0.57 1.85	39.93 0.75 2.76	41.86 0.70 5.69	43.04 1.29 6.11	42.73 1.25 6.68	39.84 0.60 7.25	37.61 0.73 5.93	34.46 0.54 4.74	31.40 0.61 3.29	29.21 0.80 2.38
RUSSELL___STATION 23914	27.70 0.17 0.00	24.19 0.14 0.00	22.05 0.11 0.00	21.01 -0.04 0.00	20.73 -0.15 0.00	20.62 -0.21 0.00	20.85 -0.04 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.32 0.16 0.51	28.40 0.21 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.85 0.56 3.11	36.87 0.57 1.85	39.93 0.75 2.76	41.86 0.70 5.69	43.04 1.29 6.11	42.73 1.25 6.68	39.84 0.60 7.25	37.61 0.73 5.93	34.46 0.54 4.74	31.40 0.61 3.29	29.21 0.80 2.38
S SALMON___HYD 24043	28.04 -0.28 -0.78	23.80 -0.24 0.00	21.70 -0.24 0.00	20.78 -0.27 0.00	20.60 -0.27 0.00	20.60 -0.23 0.00	20.62 -0.27 0.00	21.95 -0.36 0.00	24.01 -0.44 0.00	26.13 -0.37 0.17	29.06 -0.42 0.64	30.87 -0.41 0.44	34.31 -0.39 0.80	36.03 -0.34 1.03	37.27 -0.27 0.61	38.32 -0.59 3.03	40.33 -0.61 5.91	41.41 -0.05 6.40	41.89 0.14 6.41	43.95 0.19 2.73	40.90 0.13 2.04	36.84 0.16 1.98	33.12 0.17 1.13	30.06 0.09 0.82
S.PERRY___115KV_TB1 80734	28.55 1.02 0.00	24.96 0.91 0.00	22.73 0.79 0.00	21.60 0.55 -0.01	21.27 0.40 0.00	21.20 0.37 0.00	21.39 0.50 0.00	23.07 0.76 0.00	25.12 0.68 0.01	26.61 0.43 0.48	28.50 0.21 1.83	30.80 0.35 1.27	33.46 0.25 2.29	34.65 0.19 2.94	36.59 0.19 1.75	39.87 0.17 2.23	42.56 0.37 4.66	44.10 1.58 5.34	44.26 1.97 5.87	41.80 1.91 6.59	39.59 2.18 5.40	36.22 1.86 4.30	32.79 1.70 3.00	30.38 1.75 2.16
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.20 -0.33 0.00	23.88 -0.17 0.00	21.78 -0.15 0.00	20.70 -0.36 -0.01	20.31 -0.56 0.00	20.29 -0.54 0.00	20.55 -0.33 0.00	22.18 -0.13 0.00	24.32 -0.12 0.01	26.01 -0.16 0.50	27.95 -0.27 1.90	30.34 -0.06 1.32	32.73 -0.39 2.38	33.97 -0.37 3.05	35.91 -0.42 1.81	38.89 -0.67 2.37	41.01 -0.89 4.95	42.41 0.10 5.55	41.62 -0.43 6.11	38.31 -1.26 6.92	36.11 -1.03 5.67	33.07 -1.08 4.51	30.25 -0.68 3.15	28.39 -0.12 2.27
SAWYER___23_KV_LOAD 55526	27.20 -0.33 0.00	23.88 -0.17 0.00	21.78 -0.15 0.00	20.70 -0.36 -0.01	20.31 -0.56 0.00	20.29 -0.54 0.00	20.55 -0.33 0.00	22.18 -0.13 0.00	24.32 -0.12 0.01	26.01 -0.16 0.50	27.95 -0.27 1.90	30.34 -0.06 1.32	32.73 -0.39 2.38	33.97 -0.37 3.05	35.91 -0.42 1.81	38.89 -0.67 2.37	41.01 -0.89 4.95	42.41 0.10 5.55	41.62 -0.43 6.11	38.31 -1.26 6.92	36.11 -1.03 5.67	33.07 -1.08 4.51	30.25 -0.68 3.15	28.39 -0.12 2.27
SELKIRK___I 23801	28.69 1.16 0.00	25.03 0.99 0.00	22.84 0.90 0.00	22.04 0.95 -0.05	21.75 0.88 0.00	21.72 0.90 0.00	21.81 0.92 0.00	23.32 1.00 0.00	25.57 1.13 0.01	27.48 1.17 0.36	30.08 1.32 1.37	32.17 1.39 0.95	35.27 1.49 1.72	36.81 1.61 2.19	38.43 1.64 1.36	49.74 2.05 -5.75	60.69 2.29 -11.55	64.87 2.58 -14.43	64.20 2.60 -13.44	44.75 2.19 3.92	40.71 1.97 4.07	38.82 1.82 1.66	33.46 1.64 2.26	30.51 1.35 1.63
SELKIRK___II 23799	28.52 0.99 0.00	24.86 0.82 0.00	22.70 0.77 0.00	21.92 0.82 -0.05	21.60 0.73 0.00	21.58 0.75 0.00	21.68 0.79 0.00	23.18 0.87 0.00	25.39 0.95 0.01	27.30 0.99 0.36	29.86 1.12 1.37	31.91 1.14 0.95	34.97 1.21 1.73	36.50 1.31 2.20	38.07 1.30 1.37	49.57 1.68 -5.96	60.76 1.83 -12.09	65.07 2.10 -15.11	64.39 2.12 -14.12	44.22 1.63 3.89	40.18 1.46 4.09	38.41 1.35 1.60	33.04 1.23 2.27	30.20 1.05 1.64
SENECA OSWGO___HYD 24041	28.10 -0.52 -1.10	23.59 -0.46 0.00	21.54 -0.39 0.00	20.61 -0.44 0.00	20.43 -0.44 0.00	20.43 -0.40 0.00	20.47 -0.42 0.00	21.76 -0.56 0.00	23.84 -0.61 0.00	26.00 -0.61 0.06	29.26 -0.63 0.22	30.93 -0.63 0.16	34.58 -0.64 0.28	36.40 -0.64 0.36	37.32 -0.61 0.21	38.16 -0.71 3.07	40.13 -0.84 5.88	41.22 -0.24 6.41	41.73 -0.19 6.24	44.86 -0.42 1.21	41.64 -0.43 0.74	37.19 -0.42 1.05	33.33 -0.34 0.41	30.18 -0.31 0.30
SENECA___115KV_TB3 355854	27.50 -0.03 0.00	24.14 0.10 0.00	22.05 0.11 0.00	20.91 -0.15 -0.01	20.54 -0.33 0.00	20.50 -0.33 0.00	20.78 -0.10 0.00	22.49 0.18 0.00	24.68 0.24 0.01	26.44 0.27 0.50	28.48 0.24 1.88	30.86 0.44 1.31	33.32 0.18 2.36	34.63 0.26 3.02	36.61 0.27 1.80	39.47 -0.17 2.30	41.67 -0.37 4.80	43.33 0.91 5.44	42.22 0.05 5.99	38.87 -0.79 6.82	36.58 -0.64 5.59	33.44 -0.77 4.44	30.53 -0.44 3.11	28.61 0.06 2.24
SENECA___ENERGY 23797	28.04 0.06 -0.46	24.04 0.00 0.00	21.98 0.04 0.00	20.93 -0.13 0.00	20.75 -0.12 0.00	20.77 -0.06 0.00	20.78 -0.10 0.00	22.31 0.00 0.00	24.47 0.02 0.01	26.46 0.11 0.32	29.10 0.18 1.20	31.14 0.25 0.83	34.25 0.25 1.50	35.73 0.26 1.92	37.30 0.30 1.15	39.50 0.25 2.69	41.75 0.28 5.38	42.94 0.96 5.88	43.07 1.06 6.14	42.61 0.70 4.57	39.76 0.60 3.64	35.92 0.35 3.08	32.47 0.41 2.02	29.73 0.40 1.46
SHOEMAKER___GT 23640	29.07 1.54 0.00	25.39 1.35 0.00	23.12 1.18 0.00	22.28 1.20 -0.03	21.94 1.06 0.00	21.89 1.06 0.00	22.00 1.11 0.00	23.65 1.34 0.00	25.86 1.42 0.01	27.86 1.52 0.33	30.55 1.69 1.26	32.56 1.71 0.88	35.81 1.88 1.57	37.32 1.94 2.02	38.93 1.94 1.15	47.86 2.39 -3.54	55.00 2.67 -5.49	57.54 3.02 -6.66	56.74 2.94 -5.65	44.58 2.14 4.05	40.97 1.88 3.71	38.26 1.82 2.22	33.66 1.64 2.06	30.87 1.57 1.49
SHOEMAKR_138KV_BK 111 55601	29.07 1.54 0.00	25.41 1.37 0.00	23.16 1.23 0.00	22.28 1.20 -0.03	21.89 1.02 0.00	21.87 1.04 0.00	22.02 1.13 0.00	23.65 1.34 0.00	25.91 1.47 0.01	27.91 1.57 0.33	30.61 1.75 1.26	32.63 1.78 0.87	35.85 1.92 1.56	37.36 1.98 2.02	38.98 1.98 1.15	47.85 2.43 -3.48	54.91 2.67 -5.40	57.57 3.16 -6.54	56.64 2.94 -5.55	44.63 2.18 4.04	41.03 1.93 3.71	38.29 1.86 2.22	33.69 1.67 2.06	30.87 1.57 1.49
SHOREHAM_IC_1 23715	33.96 3.39 -3.04	33.33 2.88 -6.40	31.02 2.54 -6.54	29.11 2.44 -5.62	27.02 2.28 -3.87	27.10 2.33 -3.94	28.55 2.51 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	33.00 3.58 0.71	38.69 3.52 -3.44	44.20 3.87 -4.83	43.74 4.15 -2.19	45.81 4.08 -3.58	50.79 4.49 -4.36	93.33 4.68 -41.80	128.63 5.27 -75.50	124.15 4.86 -71.13	93.34 4.00 -42.86	42.80 3.81 3.82	39.94 3.48 2.20	40.52 2.96 -3.47	37.35 3.23 -3.32
SHOREHAM_IC_2 23716	33.96 3.39 -3.04	33.33 2.88 -6.40	31.02 2.54 -6.54	29.11 2.44 -5.62	27.02 2.28 -3.87	27.10 2.33 -3.94	28.55 2.51 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	33.00 3.58 0.71	38.69 3.52 -3.44	44.20 3.87 -4.83	43.74 4.15 -2.19	45.81 4.08 -3.58	50.79 4.49 -4.36	93.33 4.68 -41.80	128.63 5.27 -75.50	124.15 4.86 -71.13	93.34 4.00 -42.86	42.80 3.81 3.82	39.94 3.48 2.20	40.52 2.96 -3.47	37.35 3.23 -3.32

SISSONVILLE____ 23735	26.64 -0.99 -0.10	23.15 -0.89 0.00	21.06 -0.88 0.00	20.16 -0.88 0.00	20.12 -0.75 0.00	20.22 -0.60 0.00	20.18 -0.71 0.00	21.53 -0.78 0.00	23.59 -0.86 0.00	25.66 -0.83 0.18	28.47 -0.96 0.69	30.33 -0.92 0.48	33.72 -0.92 0.86	35.32 -0.97 1.10	36.53 -0.95 0.66	38.93 -1.51 1.50	42.39 -1.45 3.01	42.28 -2.01 3.57	42.72 -1.69 3.75	42.42 -1.12 2.95	39.59 -0.86 2.36	35.83 -0.85 1.98	31.89 -0.89 1.31	28.95 -0.89 0.95
SITHE_IND_GS1 24169	23.54 -0.83 3.17	23.35 -0.70 0.00	21.32 -0.61 0.00	20.42 -0.63 0.00	20.25 -0.63 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.03	24.18 -0.85 1.64	23.03 -0.90 6.19	26.47 -0.95 4.30	26.71 -1.03 7.76	26.41 -1.05 9.94	31.20 -1.03 5.92	37.63 -1.17 3.13	38.14 -1.31 7.39	40.38 -0.91 6.58	38.27 -0.87 9.02	22.38 -1.02 23.08	22.41 -0.94 19.46	23.26 -0.93 14.47	22.49 -0.78 10.81	22.31 -0.68 7.80
SITHE_IND_GS2 24170	23.54 -0.83 3.17	23.35 -0.70 0.00	21.32 -0.61 0.00	20.42 -0.63 0.00	20.25 -0.63 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.03	24.18 -0.85 1.64	23.03 -0.90 6.19	26.47 -0.95 4.30	26.71 -1.03 7.76	26.41 -1.05 9.94	31.20 -1.03 5.92	37.63 -1.17 3.13	38.14 -1.31 7.39	40.38 -0.91 6.58	38.27 -0.87 9.02	22.38 -1.02 23.08	22.41 -0.94 19.46	23.26 -0.93 14.47	22.49 -0.78 10.81	22.31 -0.68 7.80
SITHE_IND_GS3 24171	23.54 -0.83 3.17	23.35 -0.70 0.00	21.32 -0.61 0.00	20.42 -0.63 0.00	20.25 -0.63 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.03	24.18 -0.85 1.64	23.03 -0.90 6.19	26.47 -0.95 4.30	26.71 -1.03 7.76	26.41 -1.05 9.94	31.20 -1.03 5.92	37.63 -1.17 3.13	38.14 -1.31 7.39	40.38 -0.91 6.58	38.27 -0.87 9.02	22.38 -1.02 23.08	22.41 -0.94 19.46	23.26 -0.93 14.47	22.49 -0.78 10.81	22.31 -0.68 7.80
SITHE_IND_GS4 24172	23.54 -0.83 3.17	23.35 -0.70 0.00	21.32 -0.61 0.00	20.42 -0.63 0.00	20.25 -0.63 0.00	20.27 -0.56 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.03	24.18 -0.85 1.64	23.03 -0.90 6.19	26.47 -0.95 4.30	26.71 -1.03 7.76	26.41 -1.05 9.94	31.20 -1.03 5.92	37.63 -1.17 3.13	38.14 -1.31 7.39	40.38 -0.91 6.58	38.27 -0.87 9.02	22.38 -1.02 23.08	22.41 -0.94 19.46	23.26 -0.93 14.47	22.49 -0.78 10.81	22.31 -0.68 7.80
SITHE____BATAVIA 24024	27.94 0.41 0.00	24.50 0.46 0.00	22.46 0.53 0.00	21.12 0.06 0.00	20.93 0.06 0.00	20.93 0.10 0.00	20.99 0.10 0.00	22.51 0.20 0.00	24.68 0.24 0.01	26.54 0.37 0.51	28.63 0.42 1.91	30.87 0.48 1.33	33.49 0.39 2.40	34.81 0.48 3.07	36.85 0.53 1.83	39.75 0.38 2.56	41.87 0.33 5.31	43.00 0.96 5.82	43.07 1.30 6.38	40.16 0.74 7.06	37.88 0.86 5.78	34.40 0.35 4.61	31.42 0.54 3.21	29.30 0.83 2.32
SITHE____INDEPEND 23800	23.54 -0.83 3.17	23.35 -0.70 0.00	21.30 -0.64 0.00	20.42 -0.63 0.00	20.22 -0.65 0.00	20.20 -0.62 0.00	20.30 -0.58 0.00	21.60 -0.71 0.00	23.61 -0.81 0.03	24.18 -0.85 1.64	23.00 -0.93 6.19	26.47 -0.95 4.30	26.71 -1.03 7.76	26.41 -1.05 9.94	31.16 -1.07 5.92	37.67 -1.13 3.13	38.14 -1.31 7.39	40.52 -0.77 6.58	38.22 -0.91 9.02	22.33 -1.07 23.08	22.37 -0.98 19.46	23.26 -0.93 14.47	22.49 -0.78 10.81	22.31 -0.68 7.80
SITHE____MASSENA 23902	27.09 -0.44 0.00	23.68 -0.36 0.00	21.56 -0.37 0.00	20.63 -0.42 0.00	20.50 -0.38 0.00	20.60 -0.23 0.00	20.64 -0.25 0.00	22.00 -0.31 0.00	24.10 -0.34 0.00	26.21 -0.32 0.14	29.20 -0.39 0.53	31.01 -0.35 0.37	34.56 -0.29 0.66	36.21 -0.34 0.84	37.30 -0.34 0.50	40.20 -0.67 1.07	44.00 -0.70 2.15	44.10 -1.05 2.71	44.33 -0.96 2.86	43.59 -0.51 2.39	40.55 -0.34 1.92	36.76 -0.31 1.59	32.64 -0.37 1.07	29.65 -0.37 0.77
SITHE____OGDNSBRG 24021	27.20 -0.33 0.00	23.76 -0.29 0.00	21.58 -0.35 0.00	20.65 -0.40 0.00	20.64 -0.23 0.00	20.75 -0.08 0.00	20.66 -0.23 0.00	22.07 -0.25 0.00	24.18 -0.27 0.00	26.29 -0.21 0.17	29.25 -0.24 0.62	31.13 -0.16 0.43	34.65 -0.07 0.78	36.32 -0.07 1.00	37.51 -0.04 0.60	40.10 -0.50 1.33	43.84 -0.33 2.67	43.67 -0.96 3.24	44.22 -0.53 3.41	43.90 0.14 2.73	40.92 0.30 2.19	37.03 0.19 1.83	32.87 0.00 1.22	29.85 -0.06 0.88
SITHE____STERLING 23777	28.48 0.77 -0.18	24.69 0.65 0.00	22.51 0.57 0.00	21.56 0.50 0.00	21.29 0.42 0.00	21.35 0.52 0.00	21.35 0.46 0.00	22.96 0.65 0.00	25.15 0.71 0.01	27.00 0.80 0.47	29.38 1.02 1.77	31.60 1.11 1.23	34.67 1.38 2.22	36.13 1.57 2.84	38.13 1.68 1.69	40.24 1.76 3.46	41.98 2.11 6.98	42.58 2.25 7.54	42.50 2.31 7.97	41.99 2.23 6.73	39.37 1.97 5.41	35.84 1.66 4.48	32.47 1.40 3.01	29.82 1.20 2.17
SLEIGHT__34_KV_TB1 80719	28.61 0.72 -0.37	24.60 0.55 0.00	22.40 0.46 0.00	21.39 0.34 0.00	21.12 0.25 0.00	21.14 0.31 0.00	21.26 0.38 0.00	22.85 0.54 0.00	25.05 0.61 0.01	27.09 0.77 0.35	29.82 1.02 1.32	32.07 1.27 0.92	35.44 1.60 1.66	36.99 1.72 2.13	38.63 1.75 1.27	41.14 1.97 2.77	43.43 2.15 5.57	44.85 3.02 6.03	44.66 2.84 6.34	43.65 2.23 5.06	40.80 2.05 4.06	36.97 1.70 3.39	33.29 1.47 2.25	30.52 1.35 1.63
SOUTH CAIRO____GT 23612	29.54 2.01 0.00	25.61 1.56 0.00	23.30 1.36 0.00	22.44 1.35 -0.04	22.10 1.23 0.00	22.02 1.19 0.00	22.04 1.15 0.00	23.54 1.23 0.00	25.52 1.07 0.01	27.49 1.17 0.36	30.06 1.29 1.35	32.27 1.49 0.94	35.89 2.09 1.71	37.50 2.28 2.17	39.14 2.33 1.33	50.51 3.02 -5.55	61.24 3.47 -10.93	65.74 4.26 -13.61	65.15 4.38 -12.62	46.28 3.72 3.93	42.17 3.38 4.02	39.96 3.02 1.72	34.51 2.66 2.24	31.21 2.03 1.61
SOUTH HAMPTN____IC 23720	34.62 4.05 -3.04	33.93 3.49 -6.40	31.57 3.09 -6.54	29.62 2.95 -5.62	27.54 2.80 -3.87	27.60 2.83 -3.94	29.03 2.99 -5.16	29.55 3.39 -3.84	34.04 3.84 -5.76	35.14 4.30 -4.17	33.98 4.58 0.72	39.93 4.73 -3.47	45.63 5.22 -4.91	45.16 5.57 -2.19	47.28 5.57 -3.57	52.42 6.12 -4.36	93.71 6.47 -40.40	127.81 7.13 -72.81	123.42 6.69 -68.57	93.23 5.76 -40.98	44.34 5.35 3.82	41.30 4.83 2.20	41.42 4.09 -3.25	38.22 4.22 -3.21
SOUTHDOW_115KV_TB1 355954	28.25 0.72 0.00	24.77 0.72 0.00	22.64 0.70 0.00	21.41 0.36 -0.01	20.96 0.08 0.00	20.91 0.08 0.00	21.20 0.31 0.00	23.20 0.89 0.00	25.61 1.17 0.01	27.51 1.33 0.49	29.77 1.51 1.85	32.24 1.81 1.29	34.84 1.67 2.32	36.25 1.83 2.98	38.20 1.83 1.77	40.92 1.13 2.15	43.51 1.17 4.51	45.51 2.87 5.22	43.89 1.49 5.76	40.21 0.37 6.64	37.75 0.39 5.45	34.41 0.08 4.32	31.19 0.14 3.03	29.04 0.43 2.18
SOUTHOLD_69_KV_BK 2 55809	35.36 4.79 -3.04	34.65 4.21 -6.40	32.25 3.77 -6.54	30.21 3.54 -5.62	28.02 3.28 -3.87	28.14 3.37 -3.94	29.64 3.59 -5.16	30.22 4.06 -3.84	34.85 4.65 -5.76	36.10 5.25 -4.17	35.19 5.78 0.72	39.71 6.09 -1.89	47.16 6.74 -4.91	46.84 7.25 -2.19	49.00 7.29 -3.57	54.06 7.76 -4.36	95.74 8.48 -40.42	129.99 9.29 -72.84	125.42 8.67 -68.59	95.25 7.76 -41.00	46.18 7.19 3.82	42.88 6.42 2.20	42.62 5.28 -3.25	39.33 5.33 -3.21

SOUTHOLD___IC 23719	35.45 4.87 -3.04	34.65 4.21 -6.40	32.20 3.73 -6.54	30.20 3.54 -5.62	28.08 3.34 -3.87	28.18 3.42 -3.94	29.62 3.57 -5.16	30.20 4.04 -3.84	34.85 4.65 -5.76	36.07 5.23 -4.17	35.16 5.75 0.72	41.26 6.06 -3.48	47.12 6.71 -4.91	46.84 7.26 -2.19	48.96 7.25 -3.57	54.27 7.97 -4.36	95.83 8.57 -40.41	129.99 9.29 -72.84	125.66 8.91 -68.60	95.35 7.86 -41.00	46.14 7.15 3.82	42.88 6.42 2.20	42.72 5.38 -3.25	39.33 5.33 -3.21
SPIERFLS_115KV_TB 1 80737	29.76 2.23 0.00	25.90 1.85 0.00	23.62 1.69 0.00	22.68 1.58 -0.05	22.35 1.48 0.00	22.31 1.48 0.00	22.48 1.59 0.00	24.14 1.83 0.00	26.62 2.18 0.01	28.00 1.71 0.38	30.68 1.99 1.43	32.92 2.19 0.99	36.10 2.41 1.81	37.72 2.62 2.29	39.44 2.75 1.45	56.88 3.65 -11.29	73.45 3.98 -22.62	80.48 4.55 -28.07	79.13 4.38 -26.59	47.24 4.14 3.38	42.23 3.68 4.26	41.26 3.25 0.65	34.51 2.79 2.37	31.11 2.03 1.71
ST LAWRENCE____ 23600	26.87 -0.66 0.00	23.47 -0.58 0.00	21.39 -0.55 0.00	20.50 -0.55 0.00	20.39 -0.48 0.00	20.45 -0.37 0.00	20.49 -0.40 0.00	21.87 -0.45 0.00	23.96 -0.49 0.00	26.03 -0.51 0.13	29.05 -0.57 0.49	30.81 -0.57 0.34	34.31 -0.57 0.62	35.97 -0.64 0.79	37.02 -0.65 0.47	40.04 -0.92 0.98	43.89 -0.99 1.97	43.94 -1.39 2.53	44.13 -1.35 2.68	43.33 -0.88 2.27	40.25 -0.73 1.83	36.49 -0.66 1.51	32.42 -0.65 1.01	29.44 -0.62 0.73
STATE_CA_115KV_115_LB 55624	28.58 1.05 0.00	24.91 0.87 0.00	22.77 0.83 0.00	21.94 0.84 -0.05	21.58 0.71 0.00	21.58 0.75 0.00	21.70 0.81 0.00	23.20 0.89 0.00	25.47 1.03 0.01	27.40 1.09 0.37	29.99 1.26 1.40	32.05 1.30 0.97	35.15 1.42 1.77	36.69 1.53 2.24	38.30 1.56 1.41	52.04 2.05 -8.05	65.45 2.20 -16.40	70.93 2.63 -20.44	69.90 2.46 -19.29	44.86 2.05 3.67	40.49 1.84 4.16	39.13 1.66 1.20	33.27 1.50 2.31	30.32 1.20 1.67
STATE_ST_34_KV_LOAD 55959	28.38 0.30 -0.55	24.24 0.19 0.00	22.07 0.13 0.00	21.12 0.06 0.00	21.06 0.19 0.00	20.89 0.06 0.00	20.99 0.10 0.00	22.54 0.22 0.00	24.71 0.27 0.01	26.74 0.35 0.28	29.54 0.48 1.06	31.65 0.67 0.74	34.98 0.82 1.33	36.58 0.90 1.71	38.08 0.95 1.02	40.25 1.01 2.69	42.61 1.12 5.36	43.90 1.91 5.88	43.76 1.69 6.08	43.65 1.26 4.09	40.69 1.11 3.23	36.76 0.89 2.79	33.07 0.78 1.79	30.20 0.71 1.30
STATION 5_MISC_HYD 23604	27.56 0.03 0.00	24.12 0.07 0.00	22.11 0.17 0.00	20.93 -0.13 0.00	20.77 -0.10 0.00	20.75 -0.08 0.00	20.76 -0.12 0.00	22.25 -0.07 0.00	24.39 -0.05 0.01	26.27 0.11 0.51	28.34 0.15 1.93	30.60 0.22 1.35	33.32 0.25 2.43	34.59 0.30 3.11	36.64 0.34 1.85	39.55 0.38 2.76	41.48 0.33 5.69	42.42 0.67 6.11	42.54 1.06 6.68	39.84 0.60 7.25	37.53 0.64 5.93	34.20 0.27 4.74	31.23 0.44 3.29	29.00 0.58 2.38
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.84 0.19 -0.11	24.19 0.14 0.00	22.05 0.11 0.00	21.03 -0.02 0.00	20.73 -0.15 0.00	20.68 -0.15 0.00	20.89 0.00 0.00	22.45 0.13 0.00	24.59 0.15 0.01	26.46 0.24 0.45	28.78 0.36 1.70	31.08 0.54 1.18	34.04 0.67 2.13	35.33 0.67 2.73	37.20 0.69 1.63	39.97 0.80 2.76	42.00 0.80 5.65	43.27 1.48 6.07	43.01 1.40 6.54	40.86 0.79 6.42	38.45 0.86 5.21	35.05 0.62 4.23	31.83 0.65 2.90	29.44 0.74 2.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.39 -0.14 0.00	23.92 -0.12 0.00	21.80 -0.13 0.00	20.80 -0.25 0.00	20.52 -0.35 0.00	20.43 -0.40 0.00	20.64 -0.25 0.00	22.16 -0.16 0.00	24.27 -0.17 0.01	26.03 -0.13 0.51	28.10 -0.09 1.93	30.48 0.10 1.34	33.22 0.14 2.42	34.45 0.15 3.10	36.45 0.15 1.84	39.46 0.29 2.77	41.32 0.19 5.71	42.50 0.77 6.13	42.19 0.72 6.69	39.35 0.09 7.23	37.16 0.26 5.91	34.05 0.12 4.73	31.01 0.20 3.28	28.85 0.43 2.37
STA_56___34_KV_BUS2 355983	27.39 -0.14 0.00	23.92 -0.12 0.00	21.80 -0.13 0.00	20.80 -0.25 0.00	20.52 -0.35 0.00	20.43 -0.40 0.00	20.64 -0.25 0.00	22.16 -0.16 0.00	24.27 -0.17 0.01	26.03 -0.13 0.51	28.10 -0.09 1.93	30.48 0.10 1.34	33.22 0.14 2.42	34.45 0.15 3.10	36.45 0.15 1.84	39.46 0.29 2.77	41.32 0.19 5.71	42.50 0.77 6.13	42.19 0.72 6.69	39.35 0.09 7.23	37.16 0.26 5.91	34.05 0.12 4.73	31.01 0.20 3.28	28.85 0.43 2.37
STA_67___115KV_BK2 355882	27.48 -0.06 0.00	24.02 -0.02 0.00	21.87 -0.07 0.00	20.86 -0.19 0.00	20.58 -0.29 0.00	20.50 -0.33 0.00	20.72 -0.17 0.00	22.22 -0.09 0.00	24.34 -0.10 0.01	26.08 -0.08 0.51	28.12 -0.06 1.94	30.50 0.13 1.35	33.18 0.11 2.43	34.43 0.15 3.11	36.41 0.11 1.85	39.47 0.29 2.76	41.34 0.19 5.70	42.52 0.77 6.11	42.24 0.77 6.68	39.37 0.14 7.26	37.18 0.30 5.93	34.07 0.15 4.74	31.06 0.27 3.30	28.90 0.49 2.38
STA_7___115KV_9TRANS 80674	27.70 0.17 0.00	24.19 0.14 0.00	22.05 0.11 0.00	21.01 -0.04 0.00	20.73 -0.15 0.00	20.62 -0.21 0.00	20.85 -0.04 0.00	22.38 0.07 0.00	24.51 0.07 0.01	26.32 0.16 0.51	28.40 0.21 1.93	30.82 0.44 1.35	33.61 0.53 2.43	34.85 0.56 3.11	36.87 0.57 1.85	39.93 0.75 2.76	41.86 0.70 5.69	43.04 1.29 6.11	42.73 1.25 6.68	39.84 0.60 7.25	37.61 0.73 5.93	34.46 0.54 4.74	31.40 0.61 3.29	29.21 0.80 2.38
STA_82___115KV_TB1 80780	27.48 -0.06 0.00	24.02 -0.02 0.00	21.89 -0.04 0.00	20.88 -0.17 0.00	20.60 -0.27 0.00	20.52 -0.31 0.00	20.72 -0.17 0.00	22.25 -0.07 0.00	24.34 -0.10 0.01	26.11 -0.05 0.51	28.13 -0.06 1.93	30.51 0.13 1.34	33.23 0.14 2.41	34.45 0.15 3.09	36.45 0.15 1.84	39.47 0.29 2.75	41.35 0.19 5.68	42.58 0.81 6.10	42.26 0.77 6.67	39.46 0.19 7.22	37.21 0.30 5.90	34.10 0.15 4.72	31.11 0.31 3.28	28.95 0.52 2.36
STEEL___WIND 323596	27.53 0.00 0.00	24.19 0.15 0.00	22.27 0.33 0.00	20.91 -0.15 -0.01	20.73 -0.15 0.00	20.77 -0.06 0.00	20.76 -0.12 0.00	22.45 0.13 0.00	24.66 0.22 0.01	26.57 0.40 0.50	28.60 0.36 1.88	30.83 0.41 1.31	33.28 0.14 2.36	34.64 0.26 3.02	36.65 0.30 1.80	39.35 -0.29 2.30	41.62 -0.42 4.80	42.95 0.53 5.44	42.41 0.24 5.99	39.29 -0.37 6.82	36.83 -0.39 5.59	33.48 -0.74 4.44	30.60 -0.37 3.11	28.58 0.03 2.24
STEPHTWN_115KV_BK_2 55603	28.74 1.21 0.00	25.05 1.01 0.00	22.92 0.99 0.00	22.06 0.97 -0.05	21.71 0.83 0.00	21.70 0.87 0.00	21.85 0.96 0.00	23.38 1.07 0.00	25.66 1.22 0.01	27.61 1.31 0.37	30.24 1.51 1.38	32.35 1.59 0.96	35.49 1.74 1.75	37.05 1.87 2.22	38.69 1.95 1.40	51.09 2.47 -6.68	63.15 2.53 -13.77	68.19 3.11 -17.22	67.30 2.94 -16.20	45.25 2.56 3.80	40.96 2.27 4.12	39.28 2.05 1.43	33.60 1.81 2.29	30.59 1.45 1.65
STEUBEN_REC_LFGE 323667	28.54 0.85 -0.16	24.86 0.82 0.00	22.64 0.70 0.00	21.48 0.42 -0.01	21.12 0.25 0.00	21.14 0.31 0.00	21.37 0.48 0.00	23.32 1.00 0.00	25.59 1.15 0.01	27.50 1.28 0.45	29.82 1.42 1.71	32.21 1.68 1.19	35.02 1.67 2.15	36.44 1.79 2.75	38.30 1.79 1.64	41.66 1.47 1.74	44.83 1.69 3.70	46.18 2.97 4.65	45.33 2.31 5.13	42.11 1.53 5.91	39.33 1.37 4.85	35.86 1.04 3.85	32.45 1.06 2.69	29.98 1.14 1.94

STONY___BROOK 24151	33.96 3.39 -3.04	33.40 2.96 -6.40	31.08 2.61 -6.54	29.17 2.50 -5.62	27.14 2.40 -3.87	27.16 2.39 -3.94	28.57 2.53 -5.16	29.03 2.88 -3.84	33.38 3.18 -5.76	34.34 3.49 -4.17	33.08 3.61 0.65	38.37 3.55 -3.09	43.34 3.91 -3.94	43.52 3.93 -2.20	45.70 3.89 -3.67	50.66 4.36 -4.37	101.06 4.50 -49.72	143.60 5.02 -90.71	138.39 4.62 -85.61	103.68 3.72 -53.47	42.55 3.55 3.81	39.83 3.36 2.19	41.90 3.07 -4.74	38.02 3.36 -3.87
STURGEON_POOL_HYD 23609	29.40 1.87 0.00	25.65 1.61 0.00	23.41 1.47 0.00	22.52 1.43 -0.04	22.02 1.15 0.00	22.06 1.23 0.00	22.18 1.30 0.00	23.81 1.49 0.00	26.01 1.56 0.01	28.03 1.71 0.34	30.71 1.90 1.30	32.69 1.87 0.91	35.97 2.09 1.63	37.43 2.13 2.09	39.32 2.40 1.22	48.61 2.52 -4.16	56.79 2.76 -7.18	60.03 3.35 -8.82	59.05 3.08 -7.81	44.56 2.14 4.07	40.88 1.93 3.86	38.38 1.82 2.10	33.64 1.70 2.14	30.97 1.72 1.55
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.26 1.73 0.00	25.58 1.54 0.00	23.34 1.40 0.00	22.43 1.35 -0.03	21.98 1.11 0.00	22.00 1.17 0.00	22.16 1.27 0.00	23.83 1.52 0.00	26.13 1.69 0.01	28.15 1.81 0.34	30.90 2.05 1.27	32.87 2.03 0.88	36.16 2.24 1.58	37.64 2.28 2.04	39.27 2.29 1.16	48.42 2.77 -3.72	55.67 3.04 -5.78	58.40 3.54 -7.00	57.39 3.27 -5.96	44.89 2.46 4.06	41.21 2.14 3.74	38.53 2.09 2.22	33.88 1.87 2.08	31.07 1.79 1.50
SWANROAD_115KV_TB1 355699	26.65 -0.88 0.00	23.39 -0.65 0.00	21.52 -0.42 0.00	20.28 -0.78 -0.01	20.08 -0.79 0.00	20.04 -0.79 0.00	20.26 -0.63 0.00	21.71 -0.60 0.00	23.75 -0.68 0.01	25.39 -0.77 0.50	27.22 -0.99 1.90	29.57 -0.82 1.32	31.83 -1.28 2.39	33.06 -1.27 3.06	34.99 -1.34 1.82	37.86 -1.64 2.44	39.80 -1.97 5.08	41.07 -1.15 5.65	40.46 -1.49 6.21	37.28 -2.23 6.98	35.21 -1.88 5.72	32.26 -1.86 4.55	29.58 -1.33 3.18	27.88 -0.62 2.29
SYNERGY___BIOGAS 323694	27.94 0.41 0.00	24.50 0.46 0.00	22.46 0.53 0.00	21.12 0.06 0.00	20.93 0.06 0.00	20.93 0.10 0.00	20.99 0.10 0.00	22.51 0.20 0.00	24.68 0.24 0.01	26.54 0.37 0.51	28.63 0.42 1.91	30.87 0.48 1.33	33.49 0.39 2.40	34.81 0.48 3.07	36.85 0.53 1.83	39.75 0.38 2.56	41.87 0.33 5.31	43.00 0.96 5.82	43.07 1.30 6.38	40.16 0.74 7.06	37.88 0.86 5.78	34.40 0.35 4.61	31.42 0.54 3.21	29.30 0.83 2.32
SYRACUSE___ENERGY_ST1 323597	28.11 -0.03 -0.61	24.00 -0.05 0.00	21.89 -0.04 0.00	20.97 -0.08 0.00	20.73 -0.15 0.00	20.72 -0.10 0.00	20.83 -0.06 0.00	22.18 -0.13 0.00	24.27 -0.17 0.01	26.29 -0.13 0.25	29.12 -0.06 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.62 1.01 6.25	42.57 0.82 6.40	43.19 0.51 3.81	40.26 0.43 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
SYRACUSE___ENERGY_ST2 323598	28.11 -0.03 -0.61	24.00 -0.05 0.00	21.89 -0.04 0.00	20.97 -0.08 0.00	20.73 -0.15 0.00	20.72 -0.10 0.00	20.83 -0.06 0.00	22.18 -0.13 0.00	24.27 -0.17 0.01	26.29 -0.13 0.25	29.12 -0.06 0.94	31.07 0.00 0.66	34.42 0.11 1.18	36.03 0.15 1.51	37.43 0.19 0.90	39.17 0.21 2.98	41.16 0.19 5.88	42.62 1.01 6.25	42.57 0.82 6.40	43.19 0.51 3.81	40.26 0.43 2.97	36.34 0.31 2.63	32.74 0.31 1.65	29.87 0.28 1.19
SYRACUSE___POWER 24017	27.85 -0.08 -0.40	23.95 -0.10 0.00	21.85 -0.09 0.00	20.93 -0.13 0.00	20.68 -0.19 0.00	20.66 -0.17 0.00	20.76 -0.13 0.00	22.18 -0.13 0.00	24.29 -0.15 0.01	26.23 -0.11 0.34	28.75 -0.09 1.28	30.77 -0.06 0.89	33.94 0.04 1.60	35.38 0.04 2.05	37.00 0.08 1.22	39.13 0.13 2.93	41.07 0.09 5.87	42.40 0.81 6.28	42.22 0.63 6.56	41.81 0.28 4.96	39.06 0.21 3.96	35.47 0.15 3.34	32.02 0.14 2.20	29.33 0.12 1.59
TALLMAN___138KV_BK151 55660	29.48 1.95 0.00	25.80 1.76 0.00	23.52 1.58 0.00	22.60 1.52 -0.03	22.17 1.29 0.00	22.18 1.35 0.00	22.35 1.46 0.00	24.07 1.76 0.00	26.40 1.96 0.01	28.49 2.16 0.34	31.22 2.38 1.28	33.21 2.38 0.89	36.47 2.56 1.59	37.96 2.62 2.05	39.61 2.63 1.16	49.04 3.15 -3.96	56.46 3.47 -6.15	59.28 3.97 -7.45	58.19 3.66 -6.37	45.14 2.74 4.08	41.43 2.40 3.77	38.77 2.32 2.21	34.10 2.11 2.10	31.31 2.03 1.51
TEALLAVE_115KV_TB7 355573	27.67 -0.19 -0.33	23.88 -0.17 0.00	21.78 -0.15 0.00	20.86 -0.19 0.00	20.62 -0.25 0.00	20.60 -0.23 0.00	20.72 -0.17 0.00	22.04 -0.27 0.00	24.12 -0.32 0.01	26.01 -0.29 0.36	28.44 -0.30 1.37	30.48 -0.29 0.96	33.53 -0.25 1.72	34.96 -0.22 2.21	36.64 -0.19 1.31	38.62 -0.17 3.14	40.32 -0.23 6.29	41.86 0.57 6.58	41.63 0.39 6.91	41.16 0.09 5.42	38.51 0.04 4.34	35.02 0.00 3.64	31.67 0.00 2.41	29.08 0.03 1.74
TELGRAPH_34_KV_EAST 80808	27.39 -0.14 0.00	24.02 -0.02 0.00	21.98 0.04 0.00	20.80 -0.25 0.00	20.52 -0.35 0.00	20.45 -0.37 0.00	20.72 -0.17 0.00	22.27 -0.04 0.00	24.36 -0.07 0.01	26.09 -0.08 0.50	28.09 -0.12 1.91	30.49 0.10 1.33	33.00 -0.11 2.39	34.25 -0.07 3.06	36.20 -0.11 1.82	39.17 -0.25 2.51	41.20 -0.42 5.22	42.54 0.43 5.76	41.99 0.14 6.32	38.76 -0.70 7.03	36.67 -0.39 5.75	33.53 -0.54 4.59	30.65 -0.24 3.20	28.76 0.28 2.31
TEMPLE___115KV_TB 2 55572	27.69 -0.17 -0.33	23.90 -0.14 0.00	21.78 -0.15 0.00	20.86 -0.19 0.00	20.62 -0.25 0.00	20.62 -0.21 0.00	20.72 -0.17 0.00	22.04 -0.27 0.00	24.15 -0.29 0.01	26.04 -0.27 0.36	28.48 -0.27 1.37	30.52 -0.25 0.95	33.57 -0.21 1.72	35.00 -0.19 2.20	36.68 -0.15 1.31	38.67 -0.13 3.14	40.38 -0.19 6.28	41.93 0.62 6.56	41.71 0.43 6.88	41.21 0.14 5.41	38.56 0.09 4.33	35.07 0.04 3.63	31.71 0.03 2.41	29.08 0.03 1.74
TIANA___69_KV_BK 1 55817	34.37 3.80 -3.04	33.76 3.32 -6.40	31.46 2.98 -6.54	29.47 2.80 -5.62	27.35 2.61 -3.87	27.43 2.67 -3.94	28.91 2.86 -5.16	29.39 3.24 -3.84	33.85 3.64 -5.76	34.95 4.11 -4.17	33.74 4.34 0.72	38.02 4.41 -1.89	45.28 4.86 -4.91	44.79 5.20 -2.19	46.90 5.19 -3.57	51.75 5.45 -4.36	93.16 5.90 -40.41	127.30 6.61 -72.83	122.77 6.02 -68.59	92.69 5.21 -41.00	44.00 5.01 3.82	40.95 4.48 2.20	41.05 3.72 -3.25	37.94 3.94 -3.21
TILDEN___115KV_TB1 80814	27.85 -0.08 -0.40	23.95 -0.10 0.00	21.85 -0.09 0.00	20.93 -0.13 0.00	20.68 -0.19 0.00	20.66 -0.17 0.00	20.76 -0.13 0.00	22.18 -0.13 0.00	24.29 -0.15 0.01	26.23 -0.11 0.34	28.75 -0.09 1.28	30.77 -0.06 0.89	33.94 0.04 1.60	35.38 0.04 2.05	37.00 0.08 1.22	39.13 0.13 2.93	41.07 0.09 5.87	42.40 0.81 6.28	42.22 0.63 6.56	41.81 0.28 4.96	39.06 0.21 3.96	35.47 0.15 3.34	32.02 0.14 2.20	29.33 0.12 1.59
TRIGEN___CC 323695	33.19 2.62 -3.04	32.73 2.28 -6.40	30.56 2.08 -6.54	28.69 2.02 -5.62	26.54 1.79 -3.87	26.60 1.83 -3.94	28.03 1.98 -5.16	28.45 2.30 -3.84	32.77 2.57 -5.76	33.65 2.80 -4.17	32.03 3.04 1.13	35.67 3.05 -0.90	37.20 3.30 1.61	43.02 3.44 -2.18	44.79 3.43 -3.22	49.98 3.69 -4.35	57.55 3.94 -6.76	60.54 4.50 -8.18	59.09 3.90 -7.04	45.53 3.16 4.12	42.06 3.08 3.83	39.31 2.86 2.21	34.38 2.42 2.13	31.90 2.65 1.54

TRINITY__115KV__4 BK 55933	28.47 0.94 0.00	24.81 0.77 0.00	22.68 0.75 0.00	21.87 0.78 -0.05	21.52 0.65 0.00	21.50 0.67 0.00	21.64 0.75 0.00	23.14 0.83 0.00	25.37 0.93 0.01	27.27 0.96 0.37	29.85 1.11 1.38	31.87 1.11 0.96	34.95 1.21 1.75	36.44 1.27 2.22	38.04 1.30 1.40	50.56 1.72 -6.90	62.92 1.87 -14.20	67.86 2.25 -17.74	66.98 2.12 -16.71	44.43 1.72 3.78	40.18 1.50 4.12	38.66 1.39 1.39	33.05 1.26 2.29	30.15 1.02 1.65
UNION__PROCESSING_DRP 323587	27.50 -0.03 0.00	24.04 0.00 0.00	21.89 -0.04 0.00	20.88 -0.17 0.00	20.60 -0.27 0.00	20.52 -0.31 0.00	20.74 -0.15 0.00	22.25 -0.07 0.00	24.36 -0.07 0.01	26.11 -0.05 0.51	28.17 -0.03 1.92	30.55 0.16 1.34	33.23 0.14 2.41	34.49 0.19 3.09	36.46 0.15 1.84	39.52 0.34 2.75	41.40 0.23 5.68	42.58 0.81 6.10	42.31 0.82 6.66	39.47 0.19 7.20	37.27 0.34 5.88	34.15 0.19 4.71	31.12 0.31 3.27	28.95 0.52 2.36
UPPER HUDSON__HYD 24058	29.76 2.23 0.00	25.90 1.85 0.00	23.60 1.67 0.00	22.68 1.58 -0.05	22.39 1.52 0.00	22.35 1.52 0.00	22.48 1.59 0.00	24.14 1.83 0.00	26.62 2.18 0.01	28.00 1.71 0.38	30.68 1.99 1.43	32.95 2.22 0.99	36.07 2.38 1.81	37.72 2.62 2.29	39.44 2.75 1.45	56.84 3.61 -11.29	73.45 3.98 -22.62	80.39 4.45 -28.07	79.23 4.48 -26.59	47.20 4.09 3.38	42.23 3.68 4.26	41.30 3.28 0.65	34.51 2.80 2.37	31.11 2.03 1.71
UPPER RAQUET__HYD 24056	26.65 -0.99 -0.10	23.15 -0.89 0.00	21.06 -0.88 0.00	20.17 -0.88 0.00	20.04 -0.84 0.00	20.16 -0.67 0.00	20.18 -0.71 0.00	21.53 -0.78 0.00	23.61 -0.83 0.00	25.64 -0.85 0.18	28.47 -0.96 0.69	30.32 -0.92 0.48	33.75 -0.89 0.86	35.32 -0.97 1.10	36.53 -0.95 0.66	38.97 -1.47 1.50	42.38 -1.45 3.01	42.42 -1.87 3.57	42.68 -1.73 3.75	42.42 -1.12 2.95	39.59 -0.86 2.36	35.87 -0.81 1.98	31.89 -0.89 1.31	28.95 -0.89 0.95
VALLEY44_115KV_TB2 355964	27.34 -0.19 0.00	24.04 0.00 0.00	21.98 0.04 0.00	20.80 -0.25 -0.01	20.43 -0.44 0.00	20.45 -0.37 0.00	20.70 -0.19 0.00	22.65 0.33 0.00	24.90 0.46 0.01	26.72 0.53 0.49	28.79 0.51 1.84	31.11 0.67 1.28	33.54 0.35 2.31	34.85 0.41 2.96	36.76 0.38 1.76	38.97 -0.88 2.09	41.42 -1.03 4.40	43.63 0.91 5.14	41.62 -0.87 5.67	38.28 -1.63 6.58	35.91 -1.50 5.39	32.91 -1.47 4.28	29.96 -1.12 3.00	27.92 -0.71 2.16
VALLEY__115KV_TB 1-4 80826	28.00 0.47 0.00	24.45 0.41 0.00	22.29 0.35 0.00	21.41 0.36 0.00	21.10 0.23 0.00	21.16 0.33 0.00	21.24 0.36 0.00	22.74 0.42 0.00	24.90 0.46 0.01	26.57 0.51 0.61	28.52 0.69 2.30	30.86 0.73 1.60	33.54 0.92 2.88	34.68 0.97 3.69	36.98 1.03 2.20	38.93 1.17 4.18	39.72 1.36 8.48	40.40 1.68 9.13	39.93 1.49 9.72	39.08 1.26 8.66	36.76 0.94 6.99	33.69 0.77 5.75	30.81 0.61 3.89	28.54 0.55 2.80
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.30 1.65 -0.11	25.46 1.42 0.00	23.19 1.25 0.00	22.30 1.24 -0.01	22.04 1.17 0.00	21.97 1.15 0.00	22.04 1.15 0.00	23.87 1.56 0.00	26.22 1.78 0.01	28.19 1.95 0.43	30.83 2.32 1.61	33.08 2.47 1.12	36.36 2.88 2.02	37.84 3.03 2.58	39.77 3.17 1.54	46.35 3.40 -1.02	52.30 3.89 -1.56	53.60 4.02 -1.72	52.96 3.80 -1.00	44.79 3.53 5.23	41.33 3.08 4.56	38.35 2.82 3.13	33.94 2.39 2.53	31.12 2.16 1.83
VISCHER__FERRY HYD 24020	28.96 1.43 0.00	25.22 1.18 0.00	23.03 1.10 0.00	22.21 1.11 -0.05	21.92 1.04 0.00	21.89 1.06 0.00	22.02 1.13 0.00	23.54 1.23 0.00	25.81 1.37 0.01	27.66 1.36 0.37	30.25 1.54 1.41	32.33 1.59 0.98	35.38 1.67 1.79	36.93 1.79 2.26	38.52 1.83 1.45	53.28 2.30 -9.04	68.17 2.53 -18.79	74.20 2.87 -23.46	73.28 2.84 -22.29	45.37 2.42 3.53	40.79 2.18 4.20	39.74 2.01 0.93	33.52 1.77 2.34	30.55 1.45 1.69
V_A_10_SYNC_DSASP 323832	26.98 -0.55 0.00	23.66 -0.38 0.00	21.56 -0.37 0.00	20.53 -0.53 0.00	20.18 -0.69 0.00	20.16 -0.67 0.00	20.41 -0.48 0.00	21.96 -0.36 0.00	24.02 -0.42 0.01	25.70 -0.45 0.52	27.57 -0.60 1.95	29.92 -0.44 1.36	32.31 -0.75 2.44	33.52 -0.75 3.13	35.48 -0.80 1.86	38.66 -0.67 2.60	40.51 -0.94 5.40	41.59 -0.38 5.89	41.26 -0.43 6.46	38.19 -1.07 7.22	36.00 -0.90 5.91	33.06 -0.89 4.71	30.25 -0.55 3.29	28.36 -0.06 2.37
V_CMM_10_SYNC_DSASP 323787	26.98 -0.55 0.00	23.56 -0.48 0.00	21.47 -0.46 0.00	20.57 -0.48 0.00	20.45 -0.42 0.00	20.54 -0.29 0.00	20.58 -0.31 0.00	21.95 -0.36 0.00	24.05 -0.39 0.00	26.14 -0.40 0.13	29.14 -0.48 0.49	30.94 -0.44 0.34	34.46 -0.42 0.62	36.12 -0.49 0.79	37.18 -0.50 0.47	40.16 -0.80 0.98	44.03 -0.84 1.97	44.14 -1.19 2.53	44.32 -1.16 2.68	43.47 -0.75 2.27	40.42 -0.56 1.83	36.65 -0.50 1.51	32.52 -0.55 1.01	29.56 -0.49 0.73
V_CMP_10_SYNC_DSASP 323788	28.00 0.47 0.00	24.45 0.41 0.00	22.22 0.28 0.00	21.22 0.17 0.00	21.19 0.31 0.00	21.25 0.42 0.00	21.27 0.38 0.00	22.69 0.38 0.00	24.96 0.51 0.00	27.23 0.69 0.13	30.34 0.72 0.50	32.23 0.86 0.35	35.98 1.10 0.63	37.68 1.09 0.80	38.77 1.11 0.48	41.65 0.71 0.99	45.73 0.89 2.00	46.06 0.76 2.57	46.21 0.77 2.71	45.17 0.98 2.29	42.08 1.11 1.84	37.98 0.85 1.53	33.60 0.54 1.02	30.45 0.40 0.74
V_E_10_SYNC_DSASP 323830	30.28 2.50 -0.25	26.16 2.12 0.00	23.78 1.84 0.00	22.76 1.70 -0.01	22.39 1.52 0.00	22.47 1.65 0.00	22.46 1.57 0.00	24.65 2.34 0.00	27.03 2.59 0.01	29.08 2.83 0.42	31.88 3.34 1.58	34.21 3.58 1.10	37.89 4.37 1.98	39.53 4.67 2.53	41.56 4.92 1.51	46.45 5.07 0.55	51.65 6.23 1.42	51.27 5.74 2.33	51.49 6.17 2.83	47.47 6.09 5.10	43.94 5.39 4.26	40.02 4.60 3.24	35.60 3.88 2.37	32.47 3.39 1.71
V_F_30_NSYNC__DSASP 323816	29.51 1.98 0.00	25.70 1.66 0.00	23.45 1.51 0.00	22.57 1.47 -0.05	22.27 1.40 0.00	22.25 1.42 0.00	22.35 1.46 0.00	23.96 1.65 0.00	26.32 1.88 0.01	28.13 1.84 0.38	30.80 2.11 1.43	33.02 2.29 0.99	36.17 2.48 1.81	37.76 2.66 2.29	39.44 2.75 1.45	56.42 3.48 -11.00	72.83 3.84 -22.14	79.57 4.21 -27.49	78.50 4.28 -26.06	46.90 3.81 3.40	42.02 3.47 4.26	41.11 3.13 0.68	34.45 2.73 2.37	31.24 2.15 1.71
V_F_30_SYNC_DSASP 323786	28.58 1.05 0.00	24.91 0.87 0.00	22.77 0.83 0.00	21.94 0.84 -0.05	21.58 0.71 0.00	21.58 0.75 0.00	21.70 0.81 0.00	23.20 0.89 0.00	25.47 1.03 0.01	27.40 1.09 0.37	29.99 1.26 1.39	32.05 1.30 0.97	35.15 1.42 1.77	36.69 1.53 2.24	38.30 1.56 1.41	51.91 2.01 -7.96	65.27 2.20 -16.22	70.72 2.63 -20.22	69.69 2.46 -19.08	44.85 2.05 3.68	40.49 1.84 4.16	39.11 1.66 1.21	33.27 1.50 2.31	30.32 1.20 1.67
V_XM_10_SYNC_DSASP 323789	28.00 0.47 0.00	24.45 0.41 0.00	22.22 0.28 0.00	21.22 0.17 0.00	21.19 0.31 0.00	21.25 0.42 0.00	21.27 0.38 0.00	22.69 0.38 0.00	24.96 0.51 0.00	27.23 0.69 0.13	30.34 0.72 0.50	32.23 0.86 0.35	35.98 1.10 0.63	37.68 1.09 0.80	38.77 1.11 0.48	41.65 0.71 0.99	45.73 0.89 2.00	46.06 0.76 2.57	46.21 0.77 2.71	45.17 0.98 2.29	42.08 1.11 1.84	37.98 0.85 1.53	33.60 0.54 1.02	30.45 0.40 0.74

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.59 2.06 0.00	25.90 1.85 0.00	23.60 1.67 0.00	22.68 1.60 -0.03	22.23 1.36 0.00	22.25 1.42 0.00	22.41 1.52 0.00	24.14 1.83 0.00	26.47 2.03 0.01	28.55 2.21 0.34	31.28 2.44 1.28	33.28 2.44 0.89	36.57 2.66 1.59	38.11 2.77 2.05	39.76 2.78 1.16	49.26 3.31 -4.01	56.69 3.61 -6.24	59.57 4.16 -7.55	58.52 3.90 -6.46	45.33 2.93 4.09	41.59 2.57 3.78	38.92 2.47 2.21	34.23 2.25 2.10	31.40 2.12 1.52
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.90 2.37 0.00	26.14 2.09 0.00	23.80 1.86 0.00	22.90 1.81 -0.04	22.44 1.57 0.00	22.45 1.62 0.00	22.66 1.78 0.00	24.41 2.10 0.00	26.81 2.37 0.01	28.97 2.64 0.34	31.75 2.92 1.29	33.77 2.95 0.90	37.02 3.12 1.61	38.53 3.22 2.08	40.21 3.24 1.17	50.14 3.86 -4.35	57.78 4.17 -6.76	60.78 4.74 -8.18	59.62 4.43 -7.03	45.67 3.30 4.12	41.98 3.00 3.83	39.28 2.82 2.21	34.58 2.62 2.13	31.84 2.59 1.53
W50THST__13_KV_LOAD 356117	30.06 2.53 0.00	26.26 2.21 0.00	23.93 2.00 0.00	23.02 1.94 -0.04	22.56 1.69 0.00	22.58 1.75 0.00	22.79 1.90 0.00	24.57 2.25 0.00	26.96 2.52 0.01	29.16 2.83 0.34	31.90 3.07 1.29	34.03 3.20 0.90	37.23 3.34 1.61	38.83 3.52 2.08	40.52 3.55 1.17	50.44 4.15 -4.35	58.10 4.50 -6.76	61.16 5.12 -8.18	60.01 4.82 -7.03	46.00 3.63 4.12	42.28 3.30 3.83	39.51 3.05 2.21	34.75 2.79 2.13	32.06 2.80 1.53
WADING RIVER_IC_1 23522	33.93 3.36 -3.04	33.28 2.84 -6.40	30.99 2.52 -6.54	29.07 2.40 -5.62	27.02 2.28 -3.87	27.08 2.31 -3.94	28.53 2.48 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	32.98 3.58 0.72	38.74 3.55 -3.47	44.26 3.87 -4.89	43.74 4.15 -2.19	45.79 4.08 -3.57	50.74 4.44 -4.36	91.82 4.64 -40.34	125.77 5.22 -72.69	121.43 4.82 -68.46	91.33 3.95 -40.90	42.76 3.77 3.82	39.90 3.44 2.20	40.26 2.93 -3.24	37.19 3.20 -3.20
WADING RIVER_IC_2 23547	33.93 3.36 -3.04	33.28 2.84 -6.40	30.99 2.52 -6.54	29.07 2.40 -5.62	27.02 2.28 -3.87	27.08 2.31 -3.94	28.53 2.48 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	32.98 3.58 0.72	38.74 3.55 -3.47	44.26 3.87 -4.89	43.74 4.15 -2.19	45.79 4.08 -3.57	50.74 4.44 -4.36	91.82 4.64 -40.34	125.77 5.22 -72.69	121.43 4.82 -68.46	91.33 3.95 -40.90	42.76 3.77 3.82	39.90 3.44 2.20	40.26 2.93 -3.24	37.19 3.20 -3.20
WADING RIVER_IC_3 23601	33.93 3.36 -3.04	33.28 2.84 -6.40	30.99 2.52 -6.54	29.07 2.40 -5.62	27.02 2.28 -3.87	27.08 2.31 -3.94	28.53 2.48 -5.16	28.99 2.83 -3.84	33.36 3.16 -5.76	34.34 3.49 -4.17	32.98 3.58 0.72	38.74 3.55 -3.47	44.26 3.87 -4.89	43.74 4.15 -2.19	45.79 4.08 -3.57	50.74 4.44 -4.36	91.82 4.64 -40.34	125.77 5.22 -72.69	121.43 4.82 -68.46	91.33 3.95 -40.90	42.76 3.77 3.82	39.90 3.44 2.20	40.26 2.93 -3.24	37.19 3.20 -3.20
WALDENNY_I2_KV_BK2 80841	27.48 -0.06 0.00	24.09 0.05 0.00	22.02 0.09 0.00	20.86 -0.19 -0.01	20.54 -0.33 0.00	20.50 -0.33 0.00	20.76 -0.13 0.00	22.45 0.13 0.00	24.63 0.20 0.01	26.39 0.21 0.50	28.42 0.18 1.88	30.83 0.41 1.31	33.28 0.14 2.36	34.59 0.22 3.03	36.57 0.23 1.80	39.46 -0.17 2.31	41.64 -0.37 4.83	43.26 0.86 5.46	42.19 0.05 6.01	38.81 -0.84 6.84	36.56 -0.64 5.60	33.43 -0.77 4.46	30.53 -0.44 3.11	28.60 0.06 2.25
WALDEN__HYDRO 24148	29.57 2.04 0.00	25.78 1.73 0.00	23.45 1.51 0.00	22.60 1.52 -0.04	22.19 1.32 0.00	22.16 1.33 0.00	22.25 1.36 0.00	23.92 1.61 0.00	26.13 1.69 0.01	28.17 1.84 0.34	30.89 2.05 1.28	32.92 2.09 0.89	36.25 2.34 1.60	37.76 2.43 2.06	39.41 2.44 1.18	48.81 3.02 -3.85	56.39 3.42 -6.13	59.16 3.83 -7.46	58.38 3.80 -6.42	45.19 2.79 4.09	41.50 2.48 3.79	38.85 2.40 2.21	34.09 2.11 2.11	31.27 2.00 1.52
WARRENSBURG____ 23737	29.76 2.23 0.00	25.90 1.85 0.00	23.60 1.67 0.00	22.68 1.58 -0.05	22.39 1.52 0.00	22.35 1.52 0.00	22.48 1.59 0.00	24.14 1.83 0.00	26.62 2.18 0.01	28.00 1.71 0.38	30.68 1.99 1.43	32.95 2.22 0.99	36.07 2.38 1.81	37.72 2.62 2.29	39.44 2.75 1.45	56.84 3.61 -11.29	73.45 3.98 -22.62	80.39 4.45 -28.07	79.23 4.48 -26.59	47.20 4.09 3.38	42.23 3.68 4.26	41.30 3.28 0.65	34.51 2.80 2.37	31.11 2.03 1.71
WATERSIDE____6 8 9 23538	30.00 2.48 0.01	26.21 2.16 0.00	23.87 1.93 0.00	22.94 1.85 -0.04	22.48 1.61 0.00	22.47 1.65 0.00	22.71 1.82 0.00	24.48 2.16 0.00	26.86 2.42 0.01	29.03 2.69 0.34	31.61 3.04 1.55	33.88 3.05 0.89	37.12 3.23 1.61	38.65 3.33 2.07	40.28 3.32 1.18	50.01 3.73 -4.34	57.67 4.08 -6.75	60.63 4.59 -8.17	59.48 4.29 -7.03	45.34 2.98 4.12	41.81 2.83 3.83	39.34 2.90 2.22	34.58 2.76 2.26	31.93 2.68 1.54
WATKINRD_115KV_LN8_ILLION 55919	27.83 0.30 0.00	24.31 0.26 0.00	22.16 0.22 0.00	21.28 0.23 0.00	21.04 0.17 0.00	21.06 0.23 0.00	21.14 0.25 0.00	22.62 0.31 0.00	24.78 0.34 0.01	26.44 0.37 0.61	28.30 0.48 2.30	30.63 0.51 1.60	33.26 0.64 2.88	34.38 0.67 3.69	36.67 0.72 2.20	38.59 0.84 4.18	39.35 0.98 8.48	40.07 1.34 9.13	39.64 1.20 9.72	38.80 0.98 8.66	36.58 0.77 6.99	33.57 0.66 5.75	30.74 0.55 3.89	28.48 0.49 2.80
WATSON__69_KV_BK 1 55734	34.32 3.74 -3.04	33.74 3.29 -6.40	31.43 2.96 -6.54	29.47 2.80 -5.62	27.29 2.55 -3.87	27.39 2.62 -3.94	28.82 2.78 -5.16	29.30 3.15 -3.84	33.70 3.50 -5.76	34.69 3.84 -4.17	33.36 4.01 0.76	40.77 4.09 -4.96	50.57 4.51 -10.56	44.29 4.71 -2.19	46.15 4.62 -3.39	51.24 4.95 -4.36	75.67 5.25 -23.57	94.23 5.89 -40.48	91.19 5.25 -37.79	69.42 4.51 -18.42	43.57 4.58 3.82	40.60 4.14 2.20	38.09 3.44 -0.56	37.50 3.79 -2.93
WDELAWARE__HYD 323627	29.43 1.90 0.00	25.65 1.61 0.00	23.32 1.38 0.00	22.47 1.39 -0.03	22.02 1.15 0.00	22.02 1.19 0.00	22.08 1.19 0.00	23.76 1.45 0.00	25.91 1.47 0.01	27.94 1.60 0.33	30.67 1.81 1.25	32.69 1.84 0.87	36.10 2.17 1.56	37.63 2.24 2.01	39.26 2.29 1.17	47.99 2.81 -3.25	55.39 3.23 -5.32	58.06 3.69 -6.51	57.37 3.61 -5.59	45.08 2.60 4.01	41.42 2.31 3.69	38.72 2.24 2.18	34.01 1.98 2.05	31.19 1.88 1.48
WEST BABYLON__IC 23714	34.10 3.52 -3.04	33.54 3.10 -6.40	31.26 2.79 -6.54	29.32 2.65 -5.62	27.15 2.40 -3.87	27.25 2.48 -3.94	28.68 2.63 -5.16	29.15 2.99 -3.84	33.53 3.33 -5.76	34.50 3.65 -4.17	32.94 3.83 1.00	38.36 3.87 -2.77	43.37 4.22 -3.64	43.95 4.38 -2.18	45.71 4.31 -3.26	50.90 4.61 -4.35	62.53 4.87 -10.81	69.32 5.50 -15.96	67.51 4.91 -14.44	51.98 4.18 -1.31	43.22 4.24 3.83	40.32 3.87 2.21	35.81 3.20 1.48	34.48 3.60 -0.08
WEST CANADA__HYD 24049	27.64 0.11 0.00	24.14 0.10 0.00	22.02 0.09 0.00	21.15 0.11 0.00	20.93 0.06 0.00	20.95 0.13 0.00	20.99 0.10 0.00	22.47 0.16 0.00	24.61 0.17 0.01	26.25 0.19 0.61	28.06 0.24 2.30	30.38 0.25 1.60	32.90 0.28 2.88	34.04 0.34 3.69	36.29 0.34 2.20	38.17 0.42 4.18	38.88 0.52 8.48	39.49 0.76 9.13	39.20 0.77 9.72	38.34 0.51 8.66	36.20 0.38 6.99	33.22 0.31 5.75	30.50 0.31 3.89	28.26 0.28 2.80



WESTERN_NY_WIND 24143	27.92 0.39 0.00	24.48 0.43 0.00	22.44 0.50 0.00	21.10 0.04 0.00	20.91 0.04 0.00	20.91 0.08 0.00	20.97 0.08 0.00	22.49 0.18 0.00	24.66 0.22 0.01	26.51 0.35 0.51	28.57 0.36 1.91	30.81 0.41 1.33	33.46 0.35 2.40	34.78 0.45 3.07	36.78 0.46 1.83	39.69 0.30 2.54	41.81 0.24 5.28	42.93 0.86 5.80	43.00 1.20 6.36	40.09 0.65 7.05	37.81 0.77 5.77	34.33 0.27 4.60	31.39 0.51 3.21	29.28 0.80 2.31
WESTOVER___LESR 323668	28.20 0.44 -0.23	24.48 0.43 0.00	22.33 0.39 0.00	21.33 0.27 -0.01	21.02 0.15 0.00	21.04 0.21 0.00	21.18 0.29 0.00	23.25 0.94 0.00	25.49 1.05 0.01	27.41 1.17 0.44	29.79 1.33 1.65	32.03 1.46 1.15	34.95 1.53 2.07	36.38 1.65 2.65	38.24 1.68 1.58	42.80 1.59 0.73	46.85 1.78 1.78	46.59 1.77 3.05	45.98 1.35 3.53	42.16 0.93 5.26	39.22 0.77 4.36	35.95 0.66 3.37	32.27 0.61 2.42	29.69 0.65 1.75
WETHRSFD_WT_PWR 323626	27.59 0.06 0.00	24.21 0.17 0.00	22.22 0.28 0.00	20.91 -0.15 -0.01	20.75 -0.12 0.00	20.79 -0.04 0.00	20.78 -0.10 0.00	22.56 0.25 0.00	24.78 0.34 0.01	26.69 0.51 0.49	28.80 0.51 1.83	30.99 0.54 1.28	33.52 0.32 2.30	34.86 0.41 2.95	36.85 0.46 1.75	39.76 -0.08 2.09	42.35 -0.09 4.41	43.39 0.67 5.15	42.96 0.48 5.68	39.75 -0.19 6.55	37.23 -0.21 5.37	33.90 -0.50 4.26	30.90 -0.20 2.98	28.76 0.12 2.15
WHAVSTOR_138KV_BK127 55557	29.43 1.90 0.00	25.77 1.73 0.00	23.49 1.56 0.00	22.58 1.49 -0.03	22.15 1.27 0.00	22.16 1.33 0.00	22.35 1.46 0.00	24.05 1.74 0.00	26.40 1.96 0.01	28.44 2.11 0.34	31.19 2.35 1.28	33.15 2.32 0.89	36.39 2.48 1.59	37.88 2.54 2.06	39.53 2.56 1.16	49.02 3.06 -4.02	56.42 3.33 -6.25	59.26 3.83 -7.57	58.20 3.56 -6.48	45.05 2.65 4.09	41.34 2.31 3.78	38.69 2.24 2.21	34.03 2.05 2.10	31.24 1.97 1.52
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.43 1.90 0.00	25.77 1.73 0.00	23.49 1.56 0.00	22.58 1.49 -0.03	22.15 1.27 0.00	22.16 1.33 0.00	22.35 1.46 0.00	24.05 1.74 0.00	26.40 1.96 0.01	28.44 2.11 0.34	31.19 2.35 1.28	33.15 2.32 0.89	36.39 2.48 1.59	37.88 2.54 2.06	39.53 2.56 1.16	49.02 3.06 -4.02	56.42 3.33 -6.25	59.26 3.83 -7.57	58.20 3.56 -6.48	45.05 2.65 4.09	41.34 2.31 3.78	38.69 2.24 2.21	34.03 2.05 2.10	31.24 1.97 1.52
WHITEHAL_115KV_TB1 80871	30.64 3.11 0.00	26.64 2.60 0.00	24.30 2.37 0.00	23.27 2.17 -0.05	22.96 2.09 0.00	22.87 2.04 0.00	23.06 2.17 0.00	24.83 2.52 0.00	27.42 2.98 0.01	29.01 2.72 0.38	31.88 3.19 1.43	34.25 3.52 0.99	37.56 3.87 1.81	39.29 4.19 2.29	41.08 4.39 1.45	58.69 5.58 -11.17	75.45 6.18 -22.42	82.58 6.89 -27.83	81.26 6.74 -26.36	49.56 6.46 3.39	44.37 5.82 4.26	43.10 5.10 0.66	36.11 4.40 2.37	32.38 3.29 1.71
WHITEPLN_13_KV_LOAD 356215	29.98 2.45 0.00	26.18 2.14 0.00	23.87 1.93 0.00	22.96 1.87 -0.04	22.44 1.57 0.00	22.49 1.67 0.00	22.73 1.84 0.00	24.48 2.16 0.00	26.96 2.52 0.01	29.13 2.80 0.34	31.93 3.10 1.29	34.03 3.20 0.90	37.37 3.48 1.61	38.95 3.63 2.08	40.60 3.62 1.17	50.76 4.49 -4.33	58.36 4.78 -6.73	61.37 5.36 -8.14	60.26 5.10 -7.00	46.56 4.18 4.11	42.45 3.47 3.82	39.70 3.25 2.21	34.79 2.83 2.13	31.97 2.71 1.53
WM_FLOYD_69_KV_BK2 356380	34.01 3.44 -3.04	33.47 3.03 -6.40	31.19 2.72 -6.54	29.22 2.55 -5.62	27.08 2.34 -3.87	27.18 2.42 -3.94	28.66 2.61 -5.16	29.10 2.95 -3.84	33.46 3.25 -5.76	34.45 3.60 -4.17	33.11 3.70 0.71	37.39 3.68 -1.99	44.56 4.05 -5.01	43.85 4.26 -2.19	45.99 4.27 -3.57	50.79 4.49 -4.36	92.49 4.78 -40.87	127.03 5.46 -73.71	122.45 4.86 -69.43	92.24 4.14 -41.61	43.06 4.07 3.82	40.14 3.67 2.20	40.48 3.07 -3.33	37.48 3.42 -3.28
WOODARD___115KV_TB2 355635	27.69 -0.25 -0.41	23.83 -0.22 0.00	21.74 -0.20 0.00	20.82 -0.23 0.00	20.58 -0.29 0.00	20.58 -0.25 0.00	20.68 -0.21 0.00	22.00 -0.31 0.00	24.08 -0.37 0.01	26.00 -0.35 0.33	28.54 -0.33 1.24	30.54 -0.32 0.87	33.66 -0.28 1.56	35.13 -0.26 2.00	36.73 -0.23 1.19	38.62 -0.21 3.10	40.38 -0.28 6.19	41.84 0.48 6.51	41.67 0.29 6.78	41.55 0.00 4.94	38.88 0.00 3.93	35.24 -0.08 3.34	31.87 -0.03 2.18	29.18 -0.03 1.58
YORK___WARBASSE 23770	30.26 2.62 -0.11	26.33 2.28 0.00	23.93 2.00 0.00	22.98 1.89 -0.04	22.52 1.65 0.00	22.52 1.69 0.00	22.75 1.86 0.00	24.54 2.23 0.00	26.96 2.52 0.01	29.19 2.85 0.33	33.93 3.25 -0.55	34.10 3.27 0.89	37.43 3.48 1.55	38.88 3.55 2.07	40.57 3.55 1.12	50.37 4.03 -4.41	58.07 4.40 -6.82	61.03 4.93 -8.23	59.81 4.62 -7.03	45.48 3.11 4.12	42.11 3.12 3.83	39.68 3.17 2.15	35.92 2.97 1.12	32.23 2.86 1.42