

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/03/2023

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	29.69	27.88	27.19	25.40	24.55	25.84	29.15	33.48	36.90	38.09	38.21	40.41	40.74	44.94	47.08	54.01	77.45	70.01	59.57	51.11	45.62	40.78	38.10	34.91
24138	2.07	1.90	1.85	1.75	1.72	1.74	2.09	2.42	2.73	3.07	2.96	3.20	3.19	3.30	3.69	3.75	3.71	3.57	3.27	3.27	2.41	2.42	2.55	2.35
	0.00	0.00	0.00	0.00	-0.19	0.00	-0.98	-2.96	-2.83	-0.55	0.00	0.00	-6.28	-12.16	-9.23	-17.61	-42.28	-35.69	-27.57	-17.82	-15.18	-8.40	-1.58	-0.74
74TH STREET_GT_1	29.71	27.88	27.27	25.43	24.57	25.87	29.15	33.43	36.87	38.09	38.21	40.38	40.74	44.92	47.04	54.08	77.52	70.08	59.57	51.11	45.62	40.78	38.09	34.92
24260	2.10	1.90	1.93	1.77	1.74	1.76	2.09	2.36	2.70	3.07	2.96	3.16	3.19	3.27	3.66	3.82	3.78	3.63	3.27	3.27	2.41	2.43	2.55	2.35
	0.00	0.00	0.00	0.00	-0.19	0.00	-0.98	-2.96	-2.83	-0.55	0.00	0.00	-6.28	-12.16	-9.23	-17.61	-42.28	-35.69	-27.57	-17.82	-15.18	-8.40	-1.58	-0.74
74TH STREET_GT_2	29.71	27.88	27.27	25.43	24.57	25.87	29.15	33.43	36.87	38.09	38.21	40.38	40.74	44.92	47.04	54.08	77.52	70.08	59.57	51.11	45.62	40.78	38.09	34.92
24261	2.10	1.90	1.93	1.77	1.74	1.76	2.09	2.36	2.70	3.07	2.96	3.16	3.19	3.27	3.66	3.82	3.78	3.63	3.27	3.27	2.41	2.43	2.55	2.35
	0.00	0.00	0.00	0.00	-0.19	0.00	-0.98	-2.96	-2.83	-0.55	0.00	0.00	-6.28	-12.16	-9.23	-17.61	-42.28	-35.69	-27.57	-17.82	-15.18	-8.40	-1.58	-0.74
ADK HUDSON___FALLS	29.74	27.80	27.12	25.36	24.50	25.82	29.37	34.13	37.59	37.99	38.10	40.15	53.86	47.78	49.02	58.50	62.57	72.52	76.90	89.31	79.09	59.54	41.87	36.86
24011	2.13	1.82	1.77	1.70	1.61	1.71	1.98	2.08	2.48	2.79	2.86	2.94	2.53	2.09	2.56	2.38	2.36	2.21	2.27	2.37	2.58	2.76	2.85	2.67
	0.00	0.00	0.00	0.00	-0.25	0.00	-1.30	-3.94	-3.77	-0.73	0.00	0.00	-20.06	-16.21	-12.30	-23.48	-28.74	-39.54	-45.90	-56.92	-48.48	-26.84	-5.05	-2.37
ADK RESOURCE___RCVRY	29.90	28.11	27.24	25.52	24.63	25.96	29.55	34.33	37.78	38.24	38.42	40.49	54.18	48.01	49.27	58.75	62.84	72.80	77.21	89.75	79.54	59.94	42.19	37.06
23798	2.29	2.13	1.90	1.87	1.74	1.86	2.16	2.28	2.66	3.03	3.17	3.28	2.78	2.30	2.80	2.61	2.61	2.46	2.50	2.61	2.86	3.06	3.16	2.86
	0.00	0.00	0.00	0.00	-0.25	0.00	-1.30	-3.95	-3.77	-0.74	0.00	0.00	-20.13	-16.22	-12.31	-23.50	-28.77	-39.57	-45.99	-57.12	-48.65	-26.93	-5.06	-2.38
ADK S GLENS___FALLS	29.74	27.80	27.12	25.36	24.50	25.82	29.37	34.13	37.59	37.99	38.10	40.15	53.86	47.78	49.02	58.50	62.57	72.52	76.90	89.31	79.09	59.54	41.87	36.86
24028	2.13	1.82	1.77	1.70	1.61	1.71	1.98	2.08	2.48	2.79	2.86	2.94	2.53	2.09	2.56	2.38	2.36	2.21	2.27	2.37	2.58	2.76	2.85	2.67
	0.00	0.00	0.00	0.00	-0.25	0.00	-1.30	-3.94	-3.77	-0.73	0.00	0.00	-20.06	-16.21	-12.30	-23.48	-28.74	-39.54	-45.90	-56.92	-48.48	-26.84	-5.05	-2.37
ADK_NYS___DAM	29.46	27.67	26.97	25.19	24.37	25.67	29.13	33.80	37.12	37.41	37.51	39.52	49.50	47.00	48.28	57.30	61.16	70.76	72.26	77.84	68.90	53.50	40.19	35.85
23527	1.85	1.69	1.62	1.54	1.49	1.57	1.80	1.91	2.16	2.24	2.26	2.31	2.13	1.98	2.32	2.15	2.14	2.09	1.98	2.13	1.96	2.01	2.18	2.13
	0.00	0.00	0.00	0.00	-0.24	0.00	-1.25	-3.78	-3.61	-0.70	0.00	0.00	-16.10	-15.54	-11.79	-22.51	-27.55	-37.91	-41.55	-45.69	-38.91	-21.54	-4.05	-1.90
AIR_PRODUCTS___DRP	28.44	26.68	26.05	24.34	23.58	24.76	28.12	32.69	35.86	36.18	36.24	38.22	45.81	46.04	47.14	56.30	60.19	69.83	69.30	69.30	61.45	48.86	38.28	34.34
24190	0.83	0.70	0.71	0.69	0.70	0.65	0.78	0.79	0.88	1.00	0.99	1.00	1.03	0.94	1.13	1.04	1.04	0.98	0.92	0.96	0.78	0.84	0.92	0.92
	0.00	0.00	0.00	0.00	-0.24	0.00	-1.25	-3.80	-3.63	-0.71	0.00	0.00	-13.50	-15.61	-11.85	-22.61	-27.69	-38.09	-39.66	-38.32	-32.64	-18.07	-3.40	-1.59
AKWESSNE_115KV_BK	27.34	25.88	25.22	23.56	22.51	23.94	25.72	27.77	30.97	34.05	34.79	36.73	30.36	28.60	33.14	31.60	30.33	29.68	27.75	28.94	27.22	29.11	33.63	31.44
355683	-0.28	-0.10	-0.13	-0.09	-0.14	-0.17	-0.37	-0.34	-0.38	-0.41	-0.46	-0.48	-0.91	-0.88	-1.02	-1.04	-1.13	-1.08	-0.98	-1.08	-0.81	-0.84	-0.34	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.44	26.68	26.05	24.34	23.58	24.76	28.12	32.69	35.86	36.18	36.24	38.22	45.81	46.04	47.14	56.30	60.19	69.83	69.30	69.30	61.45	48.86	38.28	34.34
23571	0.83	0.70	0.71	0.69	0.70	0.65	0.78	0.79	0.88	1.00	0.99	1.00	1.03	0.94	1.13	1.04	1.04	0.98	0.92	0.96	0.78	0.84	0.92	0.92
	0.00	0.00	0.00	0.00	-0.24	0.00	-1.25	-3.80	-3.63	-0.71	0.00	0.00	-13.50	-15.61	-11.85	-22.61	-27.69	-38.09	-39.66	-38.32	-32.64	-18.07	-3.40	-1.59
ALBANY___2	28.44	26.68	26.05	24.34	23.58	24.76	28.12	32.69	35.86	36.18	36.24	38.22	45.81	46.04	47.14	56.30	60.19	69.83	69.30	69.30	61.45	48.86	38.28	34.34
23572	0.83	0.70	0.71	0.69	0.70	0.65	0.78	0.79	0.88	1.00	0.99	1.00	1.03	0.94	1.13	1.04	1.04	0.98	0.92	0.96	0.78	0.84	0.92	0.92
	0.00	0.00	0.00	0.00	-0.24	0.00	-1.25	-3.80	-3.63	-0.71	0.00	0.00	-13.50	-15.61	-11.85	-22.61	-27.69	-38.09	-39.66	-38.32	-32.64	-18.07	-3.40	-1.59
ALBANY___3	28.44	26.68	26.05	24.34	23.58	24.76	28.12	32.69	35.86	36.18	36.24	38.22	45.81	46.04	47.14	56.30	60.19	69.83	69.30	69.30	61.45	48.86	38.28	34.34
23573	0.83	0.70	0.71	0.69	0.70	0.65	0.78	0.79	0.88	1.00	0.99	1.00	1.03	0.94	1.13	1.04	1.04	0.98	0.92	0.96	0.78	0.84	0.92	0.92
	0.00	0.00	0.00	0.00	-0.24	0.00	-1.25	-3.80	-3.63	-0.71	0.00	0.00	-13.50	-15.61	-11.85	-22.61	-27.69	-38.09	-39.66	-38.32	-32.64	-18.07	-3.40	-1.59

ALBANY___4 23574	28.44 0.83 0.00	26.68 0.70 0.00	26.05 0.71 0.00	24.34 0.69 0.00	23.58 0.70 -0.24	24.76 0.65 0.00	28.12 0.78 -1.25	32.69 0.79 -3.80	35.86 0.88 -3.63	36.18 1.00 -0.71	36.24 0.99 0.00	38.22 1.00 0.00	45.81 1.03 -13.50	46.04 0.94 -15.61	47.14 1.13 -11.85	56.30 1.04 -22.61	60.19 1.04 -27.69	69.83 0.98 -38.09	69.30 0.92 -39.66	69.30 0.96 -38.32	61.45 0.78 -32.64	48.86 0.84 -18.07	38.28 0.92 -3.40	34.34 0.92 -1.59
ALBANY___LFGE 323615	28.75 1.13 0.00	27.02 1.04 0.00	26.31 0.96 0.00	24.60 0.95 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.42 1.07 -1.27	33.01 1.07 -3.84	36.27 1.26 -3.67	36.60 1.41 -0.72	36.73 1.48 0.00	38.74 1.53 0.00	48.17 1.44 -15.46	46.60 1.33 -15.79	47.75 1.61 -11.98	56.98 1.47 -22.86	60.91 1.45 -27.99	70.66 1.39 -38.51	71.53 1.29 -41.52	75.24 1.35 -43.87	66.55 1.15 -37.37	51.86 1.23 -20.69	39.18 1.32 -3.89	34.98 1.34 -1.83
ALCOA_PA_115KV_PL-6C 55860	27.61 0.00 0.00	26.14 0.16 0.00	25.42 0.08 0.00	23.77 0.12 0.00	22.69 0.05 0.00	24.11 0.00 0.00	25.88 -0.21 0.00	27.97 -0.14 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.95 -0.26 0.00	30.18 -1.09 0.00	28.42 -1.06 0.00	32.97 -1.20 0.00	31.37 -1.27 0.00	30.08 -1.38 0.00	29.47 -1.29 0.00	27.55 -1.18 0.00	28.76 -1.26 0.00	27.08 -0.95 0.00	28.99 -0.96 0.00	33.90 -0.07 0.00	31.76 -0.06 0.00
ALCOA_RYNLDS___DRP 24188	27.61 0.00 0.00	26.14 0.16 0.00	25.42 0.08 0.00	23.77 0.12 0.00	22.69 0.05 0.00	24.11 0.00 0.00	25.88 -0.21 0.00	27.97 -0.14 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.95 -0.26 0.00	30.18 -1.09 0.00	28.42 -1.06 0.00	32.97 -1.20 0.00	31.37 -1.27 0.00	30.08 -1.38 0.00	29.47 -1.29 0.00	27.55 -1.18 0.00	28.76 -1.26 0.00	27.08 -0.95 0.00	28.99 -0.96 0.00	33.90 -0.07 0.00	31.76 -0.06 0.00
ALCOA___DSASP 323711	27.64 0.03 0.00	26.06 0.08 0.00	25.42 0.08 0.00	23.77 0.12 0.00	22.69 0.05 0.00	24.11 0.00 0.00	25.91 -0.18 0.00	27.97 -0.14 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.96 -0.26 0.00	30.18 -1.10 0.00	28.42 -1.06 0.00	32.96 -1.20 0.00	31.37 -1.27 0.00	30.08 -1.38 0.00	29.47 -1.29 0.00	27.55 -1.18 0.00	28.76 -1.26 0.00	27.08 -0.95 0.00	28.99 -0.96 0.00	33.90 -0.07 0.00	31.76 -0.06 0.00
ALLEGHENY___COGEN 23514	28.58 0.97 0.00	26.73 0.75 0.00	25.98 0.63 0.00	24.05 0.40 0.00	23.01 0.34 -0.03	24.71 0.60 0.00	26.97 0.73 -0.16	28.81 0.22 -0.48	31.55 -0.25 -0.45	34.00 -0.55 -0.09	34.55 -0.67 0.03	36.33 -0.85 0.03	31.86 -0.44 -1.03	31.14 -0.29 -1.96	35.71 0.07 -1.48	35.64 0.16 -2.83	35.37 0.44 -3.47	36.27 0.74 -4.77	34.38 1.21 -4.44	34.40 1.47 -2.91	32.58 2.07 -2.48	33.54 2.22 -1.37	34.94 1.12 0.15	33.09 1.18 -0.09
ALTAMONT_115KV_TB 2 55880	28.75 1.13 0.00	26.94 0.96 0.00	26.31 0.96 0.00	24.57 0.92 0.00	23.78 0.91 -0.24	25.02 0.92 0.00	28.41 1.07 -1.25	33.00 1.10 -3.80	36.23 1.25 -3.63	36.52 1.34 -0.71	36.59 1.34 0.00	38.63 1.41 0.00	44.74 1.34 -12.13	46.37 1.27 -15.61	47.51 1.50 -11.85	56.70 1.44 -22.62	60.57 1.42 -27.69	70.21 1.35 -38.09	68.60 1.29 -38.58	65.78 1.35 -34.41	58.49 1.15 -29.31	47.37 1.20 -16.22	38.31 1.29 -3.05	34.52 1.27 -1.43
ALTONA_WT_PWR 323606	27.75 0.14 0.00	26.24 0.26 0.00	25.60 0.25 0.00	23.91 0.26 0.00	22.87 0.23 0.00	24.35 0.24 0.00	26.11 0.03 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.54 0.07 0.00	35.32 0.07 0.00	37.29 0.07 0.00	30.86 -0.41 0.00	29.07 -0.41 0.00	33.72 -0.45 0.00	32.12 -0.52 0.00	30.77 -0.69 0.00	30.17 -0.59 0.00	28.21 -0.52 0.00	29.42 -0.60 0.00	27.75 -0.28 0.00	29.62 -0.33 0.00	34.07 0.10 0.00	31.88 0.06 0.00
AMERICAN_REF_FUEL 24010	26.56 -1.05 0.00	24.84 -1.14 0.00	24.08 -1.27 0.00	22.12 -1.54 0.00	21.22 -1.45 -0.03	23.02 -1.08 0.00	24.84 -1.38 -0.14	26.51 -2.02 -0.43	29.37 -2.38 -0.41	31.82 -2.72 -0.08	33.06 -2.15 0.03	34.91 -2.27 0.03	30.65 -1.53 -0.91	29.95 -1.30 -1.76	34.03 -1.47 -1.34	33.93 -1.27 -2.56	33.68 -0.91 -3.13	34.14 -0.92 -4.30	31.80 -0.92 -4.00	31.72 -0.87 -2.57	29.85 -0.37 -2.19	30.62 -0.54 -1.21	31.69 -2.04 0.24	30.49 -1.40 -0.07
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.72 0.11 0.00	25.88 -0.10 0.00	25.22 -0.13 0.00	23.18 -0.47 0.00	22.22 -0.45 -0.03	23.99 -0.12 0.00	25.88 -0.37 -0.16	27.91 -0.67 -0.48	31.02 -0.78 -0.46	33.63 -0.93 -0.09	35.11 -0.11 0.03	37.26 0.07 0.03	32.78 0.47 -1.04	31.78 0.32 -1.98	35.87 0.21 -1.50	35.70 0.20 -2.86	35.56 0.60 -3.50	36.07 0.49 -4.82	33.62 0.40 -4.49	33.77 0.81 -2.94	31.62 1.09 -2.50	32.47 1.14 -1.39	33.16 -0.65 0.16	32.04 0.13 -0.09
ARTHUR_KILL_GT_1 23520	29.77 2.16 0.00	27.93 1.95 0.00	27.22 1.88 0.00	25.38 1.73 0.00	24.50 1.68 -0.19	25.70 1.59 0.00	28.86 1.80 -0.98	31.17 2.14 -0.93	31.49 2.35 2.21	31.50 2.62 5.58	31.51 2.54 6.28	31.55 2.79 8.46	32.53 2.94 1.68	33.64 3.04 -1.12	35.26 3.35 2.25	36.46 3.69 -0.12	38.82 3.65 -3.71	36.61 3.51 -2.35	36.58 3.19 -4.67	34.45 3.12 -1.31	33.09 2.16 -2.91	31.52 2.22 0.64	34.27 2.48 2.18	32.43 2.29 1.68
ARTHUR_KILL_2 23512	29.69 2.07 0.00	27.85 1.87 0.00	27.14 1.80 0.00	25.33 1.68 0.00	24.46 1.63 -0.19	25.65 1.54 0.00	28.78 1.72 -0.98	31.09 2.05 -0.93	31.40 2.26 2.21	31.40 2.51 5.58	31.40 2.43 6.28	31.40 2.64 8.46	32.41 2.82 1.68	33.55 2.95 -1.12	35.12 3.21 2.25	36.29 3.53 -0.12	38.69 3.52 -3.71	36.49 3.38 -2.35	36.44 3.04 -4.67	34.30 2.97 -1.31	32.98 2.05 -2.91	31.40 2.10 0.64	34.17 2.38 2.18	32.30 2.16 1.68
ARTHUR_KILL_3 23513	29.38 1.77 0.00	27.59 1.61 0.00	26.92 1.57 0.00	25.14 1.49 0.00	24.30 1.47 -0.19	25.53 1.42 0.00	28.81 1.75 -0.98	31.07 2.02 -0.94	31.41 2.26 2.20	31.38 2.48 5.57	31.38 2.40 6.27	31.33 2.57 8.45	32.29 2.69 1.67	33.38 2.77 -1.13	35.02 3.11 2.25	36.04 3.26 -0.13	38.39 3.21 -3.72	36.22 3.11 -2.35	36.22 2.82 -4.68	34.13 2.79 -1.32	32.90 1.96 -2.91	31.26 1.95 0.64	33.87 2.07 2.17	32.08 1.94 1.68
ARTHUR_KILL_COGEN 323718	29.77 2.16 0.00	27.93 1.95 0.00	27.22 1.88 0.00	25.38 1.73 0.00	24.50 1.68 -0.19	25.70 1.59 0.00	28.86 1.80 -0.98	31.17 2.14 -0.93	31.49 2.35 2.21	31.50 2.62 5.58	31.51 2.54 6.28	31.55 2.79 8.46	32.53 2.94 1.68	33.64 3.04 -1.12	35.26 3.35 2.25	36.46 3.69 -0.12	38.82 3.65 -3.71	36.61 3.51 -2.35	36.58 3.19 -4.67	34.45 3.12 -1.31	33.09 2.16 -2.91	31.52 2.22 0.64	34.27 2.48 2.18	32.43 2.29 1.68
ASHOKAN____ 23654	29.10 1.49 0.00	27.12 1.14 0.00	26.38 1.04 0.00	24.69 1.04 0.00	23.82 0.97 -0.21	25.00 0.89 0.00	28.00 0.81 -1.11	31.96 0.51 -3.35	35.24 0.69 -3.20	35.92 0.83 -0.62	36.48 1.23 0.00	38.48 1.27 0.00	41.78 1.06 -9.44	43.97 0.71 -13.78	45.30 0.68 -10.45	53.35 0.75 -19.95	56.74 0.85 -24.43	65.26 0.89 -33.61	62.67 0.89 -33.06	57.75 0.93 -26.80	51.47 0.62 -22.83	43.51 0.93 -12.64	37.33 0.99 -2.38	33.98 1.05 -1.12

ASTORIA_EAST_ENERGY_CC1 323581	29.72 2.10 -0.01	27.91 1.92 -0.01	27.25 1.90 -0.01	25.44 1.77 -0.01	24.58 1.74 -0.19	25.86 1.76 0.00	28.99 1.93 -0.98	33.34 2.28 -2.96	36.39 2.23 -2.82	37.33 2.31 -0.55	37.86 2.61 0.00	40.08 2.87 0.00	40.62 3.07 -6.28	44.81 3.16 -12.17	46.88 3.49 -9.24	53.92 3.66 -17.62	77.37 3.62 -42.29	69.93 3.47 -35.69	59.43 3.13 -27.58	50.91 3.06 -17.83	45.42 2.21 -15.18	40.66 2.31 -8.40	38.03 2.48 -1.59	34.89 2.32 -0.75
ASTORIA_EAST_ENERGY_CC2 323582	29.72 2.10 -0.01	27.91 1.92 -0.01	27.25 1.90 -0.01	25.44 1.77 -0.01	24.58 1.74 -0.19	25.86 1.76 0.00	28.99 1.93 -0.98	33.34 2.28 -2.96	36.39 2.23 -2.82	37.33 2.31 -0.55	37.86 2.61 0.00	40.08 2.87 0.00	40.62 3.07 -6.28	44.81 3.16 -12.17	46.88 3.49 -9.24	53.92 3.66 -17.62	77.37 3.62 -42.29	69.93 3.47 -35.69	59.43 3.13 -27.58	50.91 3.06 -17.83	45.42 2.21 -15.18	40.66 2.31 -8.40	38.03 2.48 -1.59	34.89 2.32 -0.75
ASTORIA_GT2_1 24094	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT2_2 24095	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT2_3 24096	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT2_4 24097	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT3_1 24098	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT3_2 24099	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT3_3 24100	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT3_4 24101	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT4_1 24102	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT4_2 24103	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT4_3 24104	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT4_4 24105	29.75 2.13 -0.01	27.89 1.90 -0.01	27.28 1.93 -0.01	25.43 1.77 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.46 2.29 -2.83	37.74 2.72 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.68 3.13 -6.28	44.81 3.15 -12.17	46.88 3.48 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.89 2.32 -0.75
ASTORIA_GT_1 23523	29.78 2.16 -0.01	27.96 1.97 -0.01	27.30 1.95 -0.01	25.48 1.82 -0.01	24.62 1.79 -0.19	25.91 1.81 0.00	29.04 1.98 -0.98	33.40 2.33 -2.96	36.49 2.32 -2.82	37.40 2.38 -0.55	37.96 2.71 0.00	40.19 2.98 0.00	40.71 3.16 -6.28	44.90 3.24 -12.17	46.98 3.59 -9.24	54.05 3.78 -17.62	77.46 3.71 -42.29	70.02 3.57 -35.69	59.55 3.24 -27.58	51.00 3.15 -17.83	45.51 2.30 -15.18	40.75 2.40 -8.40	38.13 2.58 -1.59	34.99 2.42 -0.75

ASTORIA_GT_10 24110	29.66 2.04 0.00	27.80 1.82 0.00	27.19 1.85 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.62 2.45 -2.83	37.81 2.79 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.55 3.00 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.79 2.23 -0.74
ASTORIA_GT_11 24225	29.66 2.04 0.00	27.80 1.82 0.00	27.19 1.85 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.62 2.45 -2.83	37.81 2.79 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.55 3.00 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.79 2.23 -0.74
ASTORIA_GT_12 24226	29.66 2.04 0.00	27.83 1.84 0.00	27.14 1.80 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.59 2.41 -2.83	37.61 2.59 -0.55	37.89 2.64 0.00	40.08 2.87 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
ASTORIA_GT_13 24227	29.66 2.04 0.00	27.83 1.84 0.00	27.14 1.80 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.59 2.41 -2.83	37.61 2.59 -0.55	37.89 2.64 0.00	40.08 2.87 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
ASTORIA_GT_5 24106	29.78 2.16 -0.01	27.96 1.97 -0.01	27.30 1.95 -0.01	25.48 1.82 -0.01	24.62 1.79 -0.19	25.91 1.81 0.00	29.04 1.98 -0.98	33.40 2.33 -2.96	36.49 2.32 -2.82	37.40 2.38 -0.55	37.96 2.71 0.00	40.19 2.98 0.00	40.71 3.16 -6.28	44.90 3.24 -12.17	46.98 3.59 -9.24	54.05 3.78 -17.62	77.46 3.71 -42.29	70.02 3.57 -35.69	59.55 3.24 -27.58	51.00 3.15 -17.83	45.51 2.30 -15.18	40.75 2.40 -8.40	38.13 2.58 -1.59	34.99 2.42 -0.75
ASTORIA_GT_7 24107	29.78 2.16 -0.01	27.96 1.97 -0.01	27.30 1.95 -0.01	25.48 1.82 -0.01	24.62 1.79 -0.19	25.91 1.81 0.00	29.04 1.98 -0.98	33.40 2.33 -2.96	36.49 2.32 -2.82	37.40 2.38 -0.55	37.96 2.71 0.00	40.19 2.98 0.00	40.71 3.16 -6.28	44.90 3.24 -12.17	46.98 3.59 -9.24	54.05 3.78 -17.62	77.46 3.71 -42.29	70.02 3.57 -35.69	59.55 3.24 -27.58	51.00 3.15 -17.83	45.51 2.30 -15.18	40.75 2.40 -8.40	38.13 2.58 -1.59	34.99 2.42 -0.75
ASTORIA_GT_8 24108	29.80 2.18 -0.01	27.94 1.95 -0.01	27.33 1.98 -0.01	25.48 1.82 -0.01	24.62 1.79 -0.19	25.91 1.81 0.00	29.07 2.01 -0.98	33.34 2.28 -2.96	36.56 2.38 -2.83	37.81 2.79 -0.55	38.00 2.75 0.00	40.23 3.01 0.00	40.74 3.19 -6.28	44.89 3.24 -12.17	46.98 3.59 -9.24	54.02 3.75 -17.62	77.46 3.71 -42.29	70.02 3.57 -35.69	59.55 3.25 -27.58	51.00 3.15 -17.83	45.51 2.30 -15.18	40.75 2.40 -8.40	38.14 2.58 -1.59	34.95 2.39 -0.75
ASTORIA___2 24149	29.72 2.10 -0.01	27.94 1.95 -0.01	27.25 1.90 -0.01	25.46 1.80 -0.01	24.58 1.74 -0.19	25.86 1.76 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.43 2.26 -2.82	37.33 2.31 -0.55	37.86 2.61 0.00	40.12 2.90 0.00	40.65 3.10 -6.28	44.81 3.16 -12.17	46.88 3.49 -9.24	53.95 3.69 -17.62	77.37 3.62 -42.29	69.96 3.51 -35.69	59.46 3.16 -27.58	50.91 3.06 -17.83	45.45 2.24 -15.18	40.69 2.34 -8.40	38.07 2.51 -1.59	34.92 2.35 -0.75
ASTORIA___3 23516	29.66 2.04 0.00	27.83 1.84 0.00	27.14 1.80 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.59 2.41 -2.83	37.61 2.59 -0.55	37.89 2.64 0.00	40.08 2.87 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
ASTORIA___4 23517	29.66 2.04 0.00	27.80 1.82 0.00	27.19 1.85 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.62 2.45 -2.83	37.81 2.79 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.55 3.00 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.79 2.23 -0.74
ASTORIA___5 23518	29.66 2.04 0.00	27.83 1.84 0.00	27.14 1.80 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.59 2.41 -2.83	37.61 2.59 -0.55	37.89 2.64 0.00	40.08 2.87 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.74 3.35 -9.23	53.85 3.59 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.34 3.04 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
AST_ENERGY_2_CC3 323677	29.46 1.85 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.91 1.85 -0.98	33.20 2.14 -2.96	36.56 2.38 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.97 2.75 0.00	40.37 2.82 -6.28	44.56 2.92 -12.16	46.67 3.28 -9.23	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.78 2.94 -17.82	45.31 2.10 -15.18	40.45 2.10 -8.40	37.79 2.24 -1.58	34.63 2.07 -0.74
AST_ENERGY_2_CC4 323678	29.46 1.85 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.91 1.85 -0.98	33.20 2.14 -2.96	36.56 2.38 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.97 2.75 0.00	40.37 2.82 -6.28	44.56 2.92 -12.16	46.67 3.28 -9.23	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.78 2.94 -17.82	45.31 2.10 -15.18	40.45 2.10 -8.40	37.79 2.24 -1.58	34.63 2.07 -0.74
ATHENS_STG_1 23668	28.80 1.19 0.00	27.07 1.09 0.00	26.41 1.06 0.00	24.67 1.02 0.00	23.85 1.00 -0.21	25.09 0.99 0.00	28.36 1.17 -1.10	32.71 1.27 -3.34	35.99 1.44 -3.19	36.68 1.59 -0.62	36.73 1.48 0.00	38.74 1.53 0.00	39.44 1.50 -6.67	44.70 1.47 -13.74	46.29 1.71 -10.42	54.21 1.66 -19.90	57.46 1.64 -24.36	65.88 1.60 -33.52	61.00 1.46 -30.81	50.46 1.53 -18.92	45.32 1.18 -16.11	40.07 1.20 -8.92	37.00 1.36 -1.68	33.97 1.37 -0.79
ATHENS_STG_2 23670	28.80 1.19 0.00	27.07 1.09 0.00	26.41 1.06 0.00	24.67 1.02 0.00	23.85 1.00 -0.21	25.09 0.99 0.00	28.36 1.17 -1.10	32.71 1.27 -3.34	35.99 1.44 -3.19	36.68 1.59 -0.62	36.73 1.48 0.00	38.74 1.53 0.00	39.44 1.50 -6.67	44.70 1.47 -13.74	46.29 1.71 -10.42	54.21 1.66 -19.90	57.46 1.64 -24.36	65.88 1.60 -33.52	61.00 1.46 -30.81	50.46 1.53 -18.92	45.32 1.18 -16.11	40.07 1.20 -8.92	37.00 1.36 -1.68	33.97 1.37 -0.79

ATHENS_STG_3 23677	28.80 1.19 0.00	27.07 1.09 0.00	26.41 1.06 0.00	24.67 1.02 0.00	23.85 1.00 -0.21	25.09 0.99 0.00	28.36 1.17 -1.10	32.71 1.27 -3.34	35.99 1.44 -3.19	36.68 1.59 -0.62	36.73 1.48 0.00	38.74 1.53 0.00	39.44 1.50 -6.67	44.70 1.47 -13.74	46.29 1.71 -10.42	54.21 1.66 -19.90	57.46 1.64 -24.36	65.88 1.60 -33.52	61.00 1.46 -30.81	50.46 1.53 -18.92	45.32 1.18 -16.11	40.07 1.20 -8.92	37.00 1.36 -1.68	33.97 1.37 -0.79
AUBURN____LFGE 323710	27.78 0.17 0.00	26.14 0.16 0.00	25.44 0.10 0.00	23.70 0.05 0.00	22.71 0.05 -0.02	24.27 0.17 0.00	26.36 0.16 -0.12	28.54 0.08 -0.35	31.84 0.16 -0.34	34.64 0.10 -0.07	35.57 0.32 0.00	37.62 0.41 0.00	32.53 0.53 -0.73	31.37 0.44 -1.45	35.81 0.55 -1.10	35.30 0.55 -2.10	34.60 0.57 -2.57	34.85 0.55 -3.53	32.51 0.52 -3.27	32.68 0.60 -2.06	30.49 0.70 -1.76	31.70 0.78 -0.97	34.46 0.31 -0.18	32.16 0.25 -0.09
BABYLON_RES_REC 323704	35.57 2.71 -5.25	33.54 2.55 -5.02	32.20 2.51 -4.35	27.73 2.34 -1.74	28.84 2.29 -3.91	28.46 2.34 -2.02	31.06 2.69 -2.28	35.10 3.01 -3.99	39.17 3.39 -4.44	40.53 3.76 -2.31	47.06 3.60 -8.21	48.39 3.76 -7.42	52.40 3.35 -17.78	61.32 3.24 -28.60	72.23 3.52 -34.55	75.11 3.62 -38.85	119.61 3.59 -84.56	80.68 3.57 -46.36	67.53 3.24 -35.56	62.41 3.36 -29.03	57.67 2.72 -26.93	50.13 3.11 -17.06	46.72 3.36 -9.39	44.57 3.18 -9.57
BABYLON__69_KV_BK2 356345	35.98 3.12 -5.25	33.85 2.86 -5.02	32.55 2.86 -4.35	28.02 2.63 -1.74	29.11 2.56 -3.91	28.78 2.65 -2.02	31.42 3.05 -2.28	35.52 3.43 -3.99	39.67 3.89 -4.44	41.22 4.45 -2.31	47.65 4.19 -8.21	50.59 4.43 -8.95	59.10 4.19 -23.64	62.12 4.04 -28.60	73.19 4.48 -34.55	76.51 4.54 -39.33	121.20 4.47 -85.27	96.65 4.43 -61.47	80.57 4.08 -47.76	69.18 4.14 -35.02	59.69 3.48 -28.18	52.90 3.71 -19.23	47.30 3.94 -9.39	45.08 3.69 -9.57
BARON_WINDS____WT_PWR 323822	27.56 -0.06 0.00	25.77 -0.21 0.00	25.06 -0.28 0.00	23.20 -0.45 0.00	22.23 -0.45 -0.04	23.89 -0.22 0.00	25.95 -0.34 -0.20	28.07 -0.65 -0.60	31.14 -0.78 -0.58	33.58 -1.00 -0.11	34.81 -0.42 0.02	36.82 -0.37 0.02	32.65 0.03 -1.35	31.85 -0.12 -2.49	36.01 -0.03 -1.89	36.21 -0.03 -3.60	36.12 0.25 -4.41	37.04 0.22 -6.06	34.61 0.20 -5.69	34.32 0.48 -3.82	32.01 0.73 -3.26	32.50 0.75 -1.80	33.45 -0.54 -0.03	31.89 -0.06 -0.14
BARRETT_IC_1 23704	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_10 23701	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_11 23702	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_12 23703	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_2 23705	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_3 23706	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_4 23707	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_5 23708	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_6 23709	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_7 23710	35.24 2.37 -5.25	33.13 2.13 -5.01	31.84 2.15 -4.34	27.40 2.01 -1.74	28.50 1.95 -3.91	28.12 2.00 -2.02	30.64 2.27 -2.28	34.54 2.45 -3.98	38.45 2.66 -4.44	39.81 3.03 -2.30	46.31 2.86 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.10 3.38 -34.55	74.69 3.43 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.93 2.99 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.43 -15.89	46.21 2.85 -9.39	44.06 2.67 -9.57

BARRETT_IC_8 23711	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT_IC_9 23700	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT___1 23545	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BARRETT___2 23546	35.25 2.38 -5.26	33.18 2.18 -5.01	31.82 2.13 -4.34	27.43 2.03 -1.75	28.50 1.95 -3.91	28.13 2.00 -2.03	30.63 2.27 -2.28	34.54 2.44 -3.98	38.45 2.66 -4.44	39.84 3.07 -2.30	46.28 2.82 -8.21	46.63 3.01 -6.40	48.89 3.00 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.10 3.40 -84.24	70.22 3.20 -36.26	59.96 3.02 -28.22	59.44 3.15 -26.27	56.66 2.38 -26.25	48.26 2.42 -15.89	46.22 2.85 -9.40	44.10 2.70 -9.58
BATAVIA___115KV_TB1 55881	27.64 0.03 0.00	25.80 -0.18 0.00	25.12 -0.23 0.00	23.20 -0.45 0.00	22.15 -0.52 -0.02	23.89 -0.22 0.00	25.98 -0.23 -0.13	27.80 -0.70 -0.40	31.01 -0.72 -0.38	33.68 -0.86 -0.07	34.76 -0.46 0.03	36.66 -0.52 0.03	32.07 -0.03 -0.83	31.29 0.18 -1.63	35.60 0.20 -1.24	35.33 0.33 -2.36	34.80 0.44 -2.89	35.17 0.43 -3.98	32.78 0.37 -3.69	32.81 0.45 -2.34	31.03 1.01 -2.00	32.01 0.96 -1.10	33.31 -0.37 0.28	31.91 0.03 -0.06
BAYONEEC___CTG1 323682	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG10 323750	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG2 323683	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG3 323684	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG4 323685	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG5 323686	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG6 323687	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG7 323688	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG8 323689	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74
BAYONEEC___CTG9 323749	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.82 2.57 0.00	39.96 2.75 0.01	40.39 2.85 -6.27	44.58 2.95 -12.15	46.66 3.28 -9.22	53.68 3.43 -17.61	77.14 3.40 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.77 2.94 -17.81	45.33 2.13 -15.17	40.47 2.13 -8.39	37.79 2.24 -1.58	34.66 2.10 -0.74

BEACON___LESR 323632	28.88 1.27 0.00	27.12 1.14 0.00	26.38 1.04 0.00	24.67 1.02 0.00	23.90 1.02 -0.24	25.12 1.01 0.00	28.54 1.20 -1.25	33.08 1.18 -3.79	36.35 1.38 -3.63	36.73 1.55 -0.71	36.87 1.62 0.00	38.93 1.71 0.00	46.49 1.59 -13.63	46.52 1.44 -15.59	47.73 1.74 -11.83	56.86 1.63 -22.58	60.75 1.64 -27.65	70.40 1.60 -38.04	69.90 1.46 -39.72	70.22 1.53 -38.67	62.31 1.35 -32.94	49.65 1.47 -18.23	38.96 1.56 -3.43	34.96 1.53 -1.61
BEAVER RIVER___HYD 24048	27.61 0.00 0.00	25.98 0.00 0.00	25.32 -0.03 0.00	23.63 -0.02 0.00	22.51 -0.14 -0.01	23.96 -0.14 0.00	25.99 -0.13 -0.04	28.08 -0.14 -0.11	31.17 -0.28 -0.11	34.25 -0.24 -0.02	34.96 -0.28 0.00	36.99 -0.22 0.00	30.77 -0.50 0.00	29.43 -0.50 -0.45	33.92 -0.58 -0.34	32.61 -0.69 -0.66	31.64 -0.63 -0.80	31.37 -0.49 -1.10	29.22 -0.34 -0.84	29.81 -0.21 0.00	28.03 0.00 0.00	30.01 0.06 0.00	34.31 0.34 0.00	32.01 0.19 0.00
BEEBEE_GT_13 23619	27.45 -0.17 0.00	25.67 -0.31 0.00	24.99 -0.35 0.00	23.16 -0.50 0.00	22.19 -0.48 -0.02	23.77 -0.34 0.00	25.99 -0.21 -0.11	27.91 -0.53 -0.34	31.14 -0.53 -0.33	33.95 -0.59 -0.06	34.86 -0.35 0.04	36.80 -0.37 0.04	31.96 0.00 -0.68	31.15 0.27 -1.40	35.53 0.31 -1.06	35.09 0.42 -2.03	34.35 0.41 -2.48	34.54 0.37 -3.41	32.18 0.32 -3.14	32.20 0.24 -1.94	30.30 0.62 -1.65	31.43 0.57 -0.91	33.34 -0.27 0.35	31.70 -0.16 -0.04
BENSHRST_27_KV_BENSHRST_1 355998	29.93 2.32 0.00	28.03 2.05 0.00	27.42 2.08 0.00	25.54 1.89 0.00	24.68 1.86 -0.19	25.91 1.81 0.00	29.15 2.09 -0.98	33.48 2.42 -2.96	36.90 2.73 -2.83	38.19 3.17 -0.55	38.28 3.03 0.00	40.49 3.27 0.00	40.93 3.38 -6.28	45.06 3.42 -12.16	47.15 3.76 -9.23	75.77 4.05 -39.08	77.79 4.00 -42.33	72.54 3.84 -37.93	90.36 3.48 -58.16	51.26 3.42 -17.82	45.67 2.47 -15.18	40.90 2.55 -8.40	38.37 2.82 -1.58	35.14 2.58 -0.74
BETHLEHEM___GRP 23843	28.44 0.83 0.00	26.68 0.70 0.00	26.05 0.71 0.00	24.34 0.69 0.00	23.58 0.70 -0.24	24.76 0.65 0.00	28.12 0.78 -1.25	32.69 0.79 -3.80	35.86 0.88 -3.63	36.18 1.00 -0.71	36.24 0.99 0.00	38.22 1.00 0.00	45.81 1.03 -13.50	46.04 0.94 -15.61	47.14 1.13 -11.85	56.30 1.04 -22.61	60.19 1.04 -27.69	69.83 0.98 -38.09	69.30 0.92 -39.66	69.30 0.96 -38.32	61.45 0.78 -32.64	48.86 0.84 -18.07	38.28 0.92 -3.40	34.34 0.92 -1.59
BETHLEHEM___GS1 323560	28.44 0.83 0.00	26.73 0.75 0.00	26.03 0.68 0.00	24.34 0.69 0.00	23.58 0.70 -0.24	24.76 0.65 0.00	28.12 0.78 -1.25	32.66 0.76 -3.80	35.89 0.91 -3.63	36.18 1.00 -0.71	36.23 0.99 0.00	38.22 1.01 0.00	45.81 1.03 -13.50	46.04 0.94 -15.61	47.13 1.13 -11.85	56.30 1.04 -22.61	60.19 1.04 -27.69	69.83 0.98 -38.09	69.30 0.92 -39.66	69.30 0.96 -38.32	61.45 0.78 -32.64	48.85 0.84 -18.07	38.28 0.92 -3.40	34.37 0.95 -1.59
BETHLEHEM___GS2 323561	28.44 0.83 0.00	26.73 0.75 0.00	26.03 0.68 0.00	24.34 0.69 0.00	23.58 0.70 -0.24	24.76 0.65 0.00	28.12 0.78 -1.25	32.66 0.76 -3.80	35.89 0.91 -3.63	36.18 1.00 -0.71	36.23 0.99 0.00	38.22 1.01 0.00	45.81 1.03 -13.50	46.04 0.94 -15.61	47.13 1.13 -11.85	56.30 1.04 -22.61	60.19 1.04 -27.69	69.83 0.98 -38.09	69.30 0.92 -39.66	69.30 0.96 -38.32	61.45 0.78 -32.64	48.85 0.84 -18.07	38.28 0.92 -3.40	34.37 0.95 -1.59
BETHLEHEM___GS3 323562	28.44 0.83 0.00	26.73 0.75 0.00	26.03 0.68 0.00	24.34 0.69 0.00	23.58 0.70 -0.24	24.76 0.65 0.00	28.12 0.78 -1.25	32.66 0.76 -3.80	35.89 0.91 -3.63	36.18 1.00 -0.71	36.23 0.99 0.00	38.22 1.01 0.00	45.81 1.03 -13.50	46.04 0.94 -15.61	47.13 1.13 -11.85	56.30 1.04 -22.61	60.19 1.04 -27.69	69.83 0.98 -38.09	69.30 0.92 -39.66	69.30 0.96 -38.32	61.45 0.78 -32.64	48.85 0.84 -18.07	38.28 0.92 -3.40	34.37 0.95 -1.59
BETHLEHEM___STEEL 23779	27.20 -0.41 0.00	25.33 -0.65 0.00	24.68 -0.66 0.00	22.78 -0.88 0.00	21.79 -0.88 -0.03	23.53 -0.58 0.00	25.35 -0.89 -0.15	27.13 -1.43 -0.46	30.28 -1.50 -0.44	32.80 -1.76 -0.09	34.16 -1.06 0.03	36.14 -1.04 0.03	31.76 -0.50 -0.99	30.82 -0.56 -1.90	34.99 -0.61 -1.44	34.87 -0.52 -2.75	34.70 -0.13 -3.36	35.20 -0.18 -4.63	32.83 -0.20 -4.31	32.94 0.12 -2.80	30.92 0.50 -2.39	31.72 0.45 -1.32	32.45 -1.32 0.19	31.43 -0.48 -0.09
BETHLHEM_115KV_TB1 79974	28.50 0.88 0.00	26.73 0.75 0.00	26.10 0.76 0.00	24.39 0.73 0.00	23.60 0.72 -0.24	24.80 0.70 0.00	28.20 0.86 -1.25	32.75 0.84 -3.80	35.92 0.94 -3.63	36.24 1.07 -0.71	36.31 1.06 0.00	38.29 1.08 0.00	45.53 1.09 -13.17	46.09 1.00 -15.60	47.20 1.20 -11.84	56.38 1.14 -22.60	60.23 1.10 -27.67	69.90 1.08 -38.06	69.08 0.98 -39.38	68.44 1.05 -37.37	60.70 0.84 -31.83	48.47 0.90 -17.62	38.26 0.99 -3.31	34.36 0.99 -1.56
BETHPAGE_CC_5 323564	35.35 2.49 -5.25	33.34 2.34 -5.02	31.97 2.28 -4.35	27.55 2.15 -1.74	28.64 2.08 -3.91	28.27 2.14 -2.02	30.85 2.48 -2.28	34.82 2.73 -3.99	38.83 3.04 -4.44	40.22 3.45 -2.31	46.70 3.24 -8.21	47.48 3.39 -6.88	50.68 3.28 -16.13	61.35 3.27 -28.60	72.44 3.72 -34.55	75.11 3.78 -38.68	119.53 3.74 -84.33	75.48 3.66 -41.06	63.40 3.33 -31.34	60.43 3.39 -27.02	57.23 2.63 -26.57	49.12 2.72 -16.45	46.31 2.95 -9.39	44.19 2.80 -9.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.23 -0.39 0.00	25.36 -0.62 0.00	24.71 -0.63 0.00	22.80 -0.85 0.00	21.81 -0.86 -0.03	23.55 -0.55 0.00	25.33 -0.91 -0.15	27.14 -1.43 -0.47	30.29 -1.50 -0.45	32.76 -1.79 -0.09	34.23 -0.99 0.03	36.25 -0.93 0.03	31.84 -0.44 -1.00	30.84 -0.56 -1.92	35.00 -0.61 -1.46	34.87 -0.55 -2.78	34.74 -0.13 -3.41	35.26 -0.18 -4.69	32.86 -0.23 -4.36	33.07 0.21 -2.84	31.01 0.56 -2.42	31.80 0.51 -1.34	32.42 -1.36 0.18	31.46 -0.45 -0.09
BINGHAMTON___COGEN 23790	27.81 0.19 0.00	26.01 0.03 0.00	25.34 0.00 0.00	23.61 -0.05 0.00	22.65 -0.05 -0.05	24.15 0.05 0.00	26.48 0.10 -0.29	28.95 -0.03 -0.87	32.18 0.00 -0.83	34.60 -0.03 -0.16	35.42 0.18 0.01	37.47 0.26 0.01	33.83 0.47 -2.09	33.42 0.35 -3.58	37.36 0.48 -2.72	38.26 0.42 -5.19	38.35 0.53 -6.35	40.02 0.52 -8.74	37.52 0.49 -8.31	36.58 0.63 -5.93	33.75 0.67 -5.05	33.46 0.72 -2.80	34.50 0.14 -0.39	32.34 0.29 -0.24
BIXINCNT_115KV_LOAD 355685	27.23 -0.39 0.00	25.36 -0.62 0.00	24.68 -0.66 0.00	22.82 -0.83 0.00	21.79 -0.88 -0.03	23.58 -0.53 0.00	25.23 -1.02 -0.16	27.14 -1.46 -0.50	30.35 -1.47 -0.47	32.80 -1.76 -0.09	34.37 -0.85 0.03	36.48 -0.71 0.03	32.03 -0.31 -1.07	30.78 -0.74 -2.04	34.95 -0.75 -1.54	34.64 -0.95 -2.94	34.59 -0.47 -3.60	35.22 -0.49 -4.96	32.92 -0.43 -4.62	33.23 0.18 -3.03	31.01 0.39 -2.58	31.80 0.42 -1.43	32.16 -1.66 0.14	31.34 -0.57 -0.10
BLACK RIVER___HYD 24047	27.67 0.06 0.00	25.98 0.00 0.00	25.32 -0.03 0.00	23.61 -0.05 0.00	22.52 -0.14 -0.01	24.01 -0.10 0.00	26.14 0.00 -0.05	28.26 0.00 -0.15	31.33 -0.16 -0.14	34.36 -0.14 -0.03	35.15 -0.11 -0.01	37.22 0.00 -0.01	31.12 -0.16 0.00	29.92 -0.18 -0.61	34.39 -0.24 -0.46	33.17 -0.36 -0.88	32.26 -0.28 -1.08	32.10 -0.15 -1.49	29.92 0.06 -1.14	30.29 0.27 0.00	28.56 0.53 0.00	30.55 0.60 0.00	34.69 0.61 -0.11	32.21 0.38 -0.01

BLACKRVR_115KV_TB2 79977	27.61 0.00 0.00	25.98 0.00 0.00	25.29 -0.05 0.00	23.65 0.00 0.00	22.51 -0.14 -0.01	24.01 -0.10 0.00	26.16 0.03 -0.05	28.26 0.00 -0.15	31.33 -0.16 -0.14	34.39 -0.10 -0.03	35.15 -0.11 -0.01	37.22 0.00 -0.01	31.12 -0.16 0.00	29.92 -0.18 -0.61	34.39 -0.24 -0.46	33.17 -0.36 -0.88	32.26 -0.28 -1.08	32.10 -0.15 -1.49	29.92 0.06 -1.14	30.29 0.27 0.00	28.56 0.53 0.00	30.55 0.60 0.00	34.69 0.61 -0.11	32.21 0.38 -0.01
BLISS_WT_PWR 323608	27.20 -0.41 0.00	25.41 -0.57 0.00	24.76 -0.58 0.00	22.82 -0.83 0.00	21.79 -0.88 -0.03	23.60 -0.51 0.00	25.21 -1.04 -0.16	27.20 -1.40 -0.50	30.25 -1.57 -0.47	32.73 -1.83 -0.09	34.34 -0.88 0.03	36.48 -0.71 0.03	32.06 -0.28 -1.07	30.75 -0.77 -2.04	34.92 -0.78 -1.54	34.55 -1.05 -2.95	34.54 -0.54 -3.61	35.14 -0.59 -4.97	32.89 -0.46 -4.63	33.18 0.12 -3.04	30.96 0.34 -2.59	31.74 0.36 -1.43	32.09 -1.73 0.14	31.22 -0.70 -0.10
BLUE_CIRC_CHEM_DRP 24182	28.91 1.30 0.00	27.12 1.14 0.00	26.46 1.12 0.00	24.72 1.06 0.00	23.92 1.04 -0.23	25.17 1.06 0.00	28.54 1.23 -1.23	33.04 1.21 -3.72	36.26 1.35 -3.56	36.64 1.48 -0.69	36.76 1.52 0.00	38.78 1.56 0.00	44.34 1.47 -11.60	46.12 1.33 -15.31	47.38 1.61 -11.62	56.28 1.47 -22.17	60.02 1.42 -27.15	69.49 1.38 -37.34	67.59 1.26 -37.60	64.28 1.35 -32.91	57.27 1.21 -28.04	46.79 1.32 -15.52	38.34 1.46 -2.92	34.65 1.46 -1.37
BOC_GAS_DRP 24189	28.61 0.99 0.00	26.84 0.86 0.00	26.20 0.86 0.00	24.48 0.83 0.00	23.69 0.82 -0.24	24.93 0.82 0.00	28.30 0.97 -1.25	32.87 0.98 -3.78	36.06 1.10 -3.61	36.38 1.21 -0.70	36.45 1.20 0.00	38.44 1.23 0.00	43.79 1.22 -11.30	46.20 1.18 -15.54	47.32 1.37 -11.79	56.46 1.31 -22.51	60.28 1.26 -27.56	69.90 1.23 -37.91	67.64 1.12 -37.80	63.29 1.20 -32.07	56.32 0.98 -27.31	46.09 1.02 -15.12	37.93 1.12 -2.84	34.27 1.11 -1.33
BOONVILLE_115KV_TB1 79983	28.06 0.44 0.00	26.29 0.31 0.00	25.62 0.28 0.00	23.94 0.28 0.00	22.87 0.23 -0.01	24.37 0.27 0.00	26.61 0.50 -0.03	28.76 0.56 -0.09	32.00 0.56 -0.09	35.21 0.72 -0.02	36.02 0.78 0.00	38.07 0.86 0.00	32.02 0.75 0.00	30.55 0.68 -0.38	35.27 0.82 -0.29	33.89 0.69 -0.56	32.90 0.76 -0.68	32.44 0.74 -0.94	30.16 0.72 -0.72	30.83 0.81 0.00	28.87 0.84 0.00	30.85 0.90 0.00	34.85 0.88 0.00	32.55 0.73 0.00
BORALEX_4TH_BRANCH 23824	29.46 1.85 0.00	27.67 1.69 0.00	26.97 1.62 0.00	25.19 1.54 0.00	24.37 1.49 -0.24	25.67 1.57 0.00	29.13 1.80 -1.25	33.80 1.91 -3.78	37.12 2.16 -3.61	37.41 2.24 -0.70	37.51 2.26 0.00	39.52 2.31 0.00	49.50 2.13 -16.10	47.00 1.98 -15.54	48.28 2.32 -11.79	57.30 2.15 -22.51	61.16 2.14 -27.55	70.76 2.09 -37.91	72.26 1.98 -41.55	77.84 2.13 -45.69	68.90 1.96 -38.91	53.50 2.01 -21.54	40.19 2.18 -4.05	35.85 2.13 -1.90
BOWLINE___1 23526	29.19 1.57 0.00	27.41 1.43 0.00	26.74 1.39 0.00	24.98 1.32 0.00	24.13 1.31 -0.18	25.41 1.30 0.00	28.59 1.57 -0.94	32.72 1.77 -2.84	36.07 2.01 -2.72	37.24 2.24 -0.53	37.33 2.08 0.00	39.41 2.20 0.00	39.62 2.31 -6.03	43.50 2.33 -11.68	45.66 2.63 -8.87	52.24 2.68 -16.92	54.86 2.67 -20.72	61.85 2.58 -28.51	57.57 2.36 -26.49	49.51 2.37 -17.12	44.32 1.71 -14.58	39.76 1.74 -8.07	37.35 1.87 -1.52	34.31 1.78 -0.71
BOWLINE___2 23595	29.19 1.57 0.00	27.41 1.43 0.00	26.74 1.39 0.00	24.98 1.32 0.00	24.13 1.31 -0.18	25.41 1.30 0.00	28.59 1.57 -0.94	32.72 1.77 -2.84	36.07 2.01 -2.72	37.24 2.24 -0.53	37.36 2.11 0.00	39.48 2.27 0.00	39.65 2.35 -6.03	43.56 2.39 -11.69	45.73 2.70 -8.87	52.31 2.74 -16.93	54.92 2.74 -20.72	61.91 2.65 -28.51	57.63 2.41 -26.49	49.57 2.43 -17.12	44.35 1.74 -14.58	39.79 1.77 -8.07	37.39 1.90 -1.52	34.31 1.78 -0.71
BRADY___115KV_TB2 356060	27.81 0.19 0.00	26.29 0.31 0.00	25.60 0.25 0.00	23.94 0.28 0.00	22.80 0.16 0.00	24.23 0.12 0.00	26.01 -0.08 0.00	28.08 -0.03 0.00	31.25 -0.09 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.21 -1.06 0.00	28.48 -1.00 0.00	33.00 -1.16 0.00	31.40 -1.24 0.00	30.11 -1.35 0.00	29.50 -1.26 0.00	27.60 -1.12 0.00	28.85 -1.17 0.00	27.22 -0.81 0.00	29.17 -0.78 0.00	34.24 0.27 0.00	32.01 0.19 0.00
BRANSCOMB___SOLAR 323811	29.49 1.88 0.00	27.69 1.71 0.00	26.94 1.60 0.00	25.19 1.54 0.00	24.34 1.45 -0.25	25.63 1.52 0.00	29.15 1.77 -1.29	33.85 1.83 -3.92	37.22 2.13 -3.74	37.51 2.31 -0.73	37.61 2.36 0.00	39.63 2.42 0.00	52.85 2.13 -19.46	47.49 1.92 -16.10	48.63 2.25 -12.21	58.05 2.09 -23.31	62.12 2.11 -28.54	72.09 2.06 -39.27	75.99 2.04 -45.22	87.39 2.16 -55.21	77.21 2.16 -47.02	58.25 2.28 -26.03	41.27 2.41 -4.89	36.38 2.26 -2.30
BRENTWOD_69_KV_W. BRTWOOD 56703	35.79 2.93 -5.25	33.70 2.70 -5.02	32.40 2.71 -4.35	27.90 2.51 -1.74	29.02 2.47 -3.91	28.66 2.53 -2.02	31.29 2.92 -2.28	35.35 3.26 -3.99	39.52 3.73 -4.44	40.98 4.21 -2.31	47.37 3.91 -8.21	50.27 4.06 -9.00	69.55 3.91 -34.36	61.74 3.66 -28.60	72.61 3.89 -34.55	75.90 3.92 -39.34	120.65 3.90 -85.29	96.57 3.84 -61.96	80.39 3.53 -48.14	68.76 3.57 -35.17	61.55 3.06 -30.47	56.55 3.38 -23.22	46.96 3.60 -9.39	44.80 3.40 -9.57
BRISTLHL_115KV_TB1 79998	27.01 -0.61 0.00	25.31 -0.68 0.00	24.63 -0.71 0.00	22.99 -0.66 0.00	22.02 -0.63 -0.01	23.48 -0.63 0.00	25.61 -0.55 -0.07	27.66 -0.67 -0.22	30.84 -0.72 -0.21	33.65 -0.86 -0.04	34.50 -0.78 -0.03	36.42 -0.82 -0.03	30.77 -0.50 0.00	29.90 -0.50 -0.92	34.28 -0.58 -0.70	33.43 -0.55 -1.34	32.60 -0.50 -1.64	32.52 -0.49 -2.25	30.04 -0.40 -1.72	29.60 -0.42 0.00	27.75 -0.28 0.00	29.68 -0.27 0.00	33.66 -0.68 -0.37	31.21 -0.64 -0.03
BROOKHAVEN___DRP 24191	35.96 3.09 -5.25	33.88 2.88 -5.02	32.60 2.91 -4.35	28.04 2.65 -1.74	29.14 2.58 -3.91	28.80 2.68 -2.02	31.45 3.08 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	41.01 4.24 -2.31	47.26 3.81 -8.21	58.94 4.06 -17.67	65.42 3.85 -30.31	61.83 3.74 -28.61	72.96 4.24 -34.56	78.96 4.24 -42.07	124.89 4.18 -89.24	182.51 4.06 -147.69	149.67 3.76 -117.19	102.71 3.87 -68.82	60.83 3.14 -29.66	54.92 3.29 -21.67	46.89 3.53 -9.39	44.76 3.37 -9.57
BROOKLYN_NAVY_YARD 23515	29.49 1.88 0.00	27.69 1.71 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.28 2.22 -2.96	36.65 2.48 -2.83	37.78 2.76 -0.55	37.86 2.61 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.74 3.35 -9.23	53.78 3.53 -17.61	77.20 3.46 -42.28	69.80 3.35 -35.69	59.31 3.02 -27.57	50.87 3.03 -17.82	45.40 2.19 -15.18	40.51 2.16 -8.40	37.86 2.31 -1.58	34.69 2.13 -0.74
BROOKLYN___ARMY_DRP 323595	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74

BROOKVLE_69_KV_TB1 55790	35.29 2.43 -5.25	33.20 2.21 -5.02	31.89 2.20 -4.35	27.45 2.06 -1.74	28.55 1.99 -3.91	28.15 2.02 -2.02	30.74 2.37 -2.28	34.76 2.67 -3.99	38.83 3.04 -4.44	40.15 3.38 -2.31	46.77 3.31 -8.21	47.25 3.50 -6.53	49.33 3.44 -14.62	61.59 3.51 -28.60	72.71 4.00 -34.55	75.31 4.05 -38.62	119.67 3.96 -84.24	72.23 3.88 -37.60	61.21 3.53 -28.95	59.86 3.57 -26.27	57.02 2.75 -26.25	48.59 2.76 -15.89	46.28 2.92 -9.39	44.10 2.70 -9.57
BROOME_2_LFGE 323671	27.81 0.19 0.00	26.06 0.08 0.00	25.37 0.03 0.00	23.61 -0.05 0.00	22.65 -0.05 -0.05	24.15 0.05 0.00	26.45 0.08 -0.29	28.98 0.00 -0.87	32.15 -0.03 -0.83	34.56 -0.07 -0.16	35.42 0.18 0.01	37.47 0.26 0.01	33.83 0.47 -2.09	33.42 0.36 -3.58	37.36 0.48 -2.72	38.29 0.46 -5.19	38.35 0.53 -6.35	40.02 0.52 -8.74	37.52 0.49 -8.31	36.58 0.63 -5.93	33.75 0.67 -5.05	33.46 0.72 -2.80	34.50 0.14 -0.39	32.34 0.29 -0.24
BROOME___LFGE 323600	27.81 0.19 0.00	26.06 0.08 0.00	25.37 0.03 0.00	23.61 -0.05 0.00	22.65 -0.05 -0.05	24.15 0.05 0.00	26.45 0.08 -0.29	28.98 0.00 -0.87	32.15 -0.03 -0.83	34.56 -0.07 -0.16	35.42 0.18 0.01	37.47 0.26 0.01	33.83 0.47 -2.09	33.42 0.36 -3.58	37.36 0.48 -2.72	38.29 0.46 -5.19	38.35 0.53 -6.35	40.02 0.52 -8.74	37.52 0.49 -8.31	36.58 0.63 -5.93	33.75 0.67 -5.05	33.46 0.72 -2.80	34.50 0.14 -0.39	32.34 0.29 -0.24
BROWNFLS_115KV_TB_3_5 80003	27.48 -0.14 0.00	25.95 -0.03 0.00	25.27 -0.08 0.00	23.63 -0.02 0.00	22.44 -0.20 0.00	23.84 -0.27 0.00	25.67 -0.44 -0.03	27.71 -0.48 -0.08	30.83 -0.60 -0.07	33.86 -0.62 -0.01	34.58 -0.67 0.00	36.54 -0.67 0.00	30.05 -1.22 0.00	28.62 -1.18 -0.32	33.04 -1.37 -0.24	31.67 -1.44 -0.46	30.61 -1.42 -0.56	30.24 -1.29 -0.78	28.20 -1.12 -0.59	28.91 -1.11 0.00	27.24 -0.78 0.00	29.20 -0.75 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
BROWNSV1_27_KV_LOAD 356125	29.77 2.15 0.00	27.90 1.92 0.00	27.29 1.95 0.00	25.47 1.82 0.00	24.59 1.77 -0.19	25.89 1.78 0.00	29.18 2.11 -0.98	33.48 2.42 -2.96	36.93 2.76 -2.83	38.12 3.10 -0.55	38.28 3.03 0.00	40.45 3.24 0.00	40.80 3.25 -6.28	44.98 3.33 -12.16	47.15 3.76 -9.23	54.18 3.92 -17.61	77.61 3.87 -42.28	70.17 3.72 -35.69	59.68 3.39 -27.57	51.23 3.39 -17.82	45.70 2.49 -15.18	40.87 2.52 -8.40	38.20 2.65 -1.58	34.98 2.42 -0.74
BURROWS___LYONSDAL 23803	27.92 0.30 0.00	26.19 0.21 0.00	25.52 0.18 0.00	23.84 0.19 0.00	22.76 0.11 -0.01	24.25 0.14 0.00	26.43 0.31 -0.03	28.57 0.37 -0.10	31.79 0.34 -0.09	34.97 0.48 -0.02	35.74 0.49 0.00	37.77 0.56 0.00	31.71 0.44 0.00	30.27 0.38 -0.40	34.91 0.44 -0.30	33.55 0.33 -0.58	32.58 0.41 -0.71	32.17 0.43 -0.98	29.90 0.54 -0.75	30.56 0.64 0.00	28.67 0.64 0.00	30.64 0.69 0.00	34.68 0.71 0.00	32.39 0.57 0.00
CAITHNESS_CC_1 323624	35.82 2.96 -5.25	33.80 2.81 -5.02	32.48 2.79 -4.35	27.95 2.56 -1.74	29.04 2.49 -3.91	28.68 2.55 -2.02	31.31 2.95 -2.28	35.44 3.34 -3.99	39.51 3.73 -4.44	40.77 4.00 -2.31	47.12 3.67 -8.21	58.73 3.91 -17.61	65.23 3.72 -30.24	61.69 3.60 -28.61	72.75 4.03 -34.56	78.78 4.08 -42.05	124.71 4.03 -89.21	181.80 3.94 -147.10	149.04 3.59 -116.72	102.34 3.72 -68.60	60.65 2.97 -29.65	54.77 3.17 -21.65	46.75 3.40 -9.39	44.67 3.28 -9.57
CALPINE BETH_PAGE_GT4 24209	35.38 2.51 -5.25	33.28 2.29 -5.02	31.97 2.28 -4.35	27.52 2.13 -1.74	28.64 2.08 -3.91	28.25 2.12 -2.02	30.85 2.48 -2.28	34.76 2.67 -3.99	38.80 3.01 -4.44	40.22 3.45 -2.31	46.67 3.21 -8.21	47.39 3.35 -6.83	50.27 3.28 -15.71	61.38 3.30 -28.60	72.44 3.72 -34.55	75.13 3.82 -38.67	119.51 3.74 -84.31	74.96 3.66 -40.54	63.01 3.36 -30.93	60.24 3.39 -26.83	57.14 2.63 -26.48	48.94 2.70 -16.30	46.31 2.96 -9.39	44.13 2.74 -9.57
CALPINE_BETH_PAGE_GT_4 323586	35.35 2.49 -5.25	33.31 2.31 -5.02	31.97 2.28 -4.35	27.52 2.13 -1.74	28.64 2.08 -3.91	28.25 2.12 -2.02	30.82 2.45 -2.28	34.76 2.67 -3.99	38.80 3.01 -4.44	40.19 3.41 -2.31	46.67 3.21 -8.21	47.39 3.35 -6.83	50.26 3.28 -15.71	61.38 3.30 -28.60	72.44 3.72 -34.55	75.10 3.78 -38.67	119.51 3.74 -84.31	74.99 3.69 -40.54	62.98 3.33 -30.93	60.24 3.39 -26.83	57.14 2.63 -26.48	48.94 2.70 -16.30	46.31 2.95 -9.39	44.16 2.77 -9.57
CALPINE_BP_GT1 23823	35.35 2.49 -5.25	33.31 2.31 -5.02	31.97 2.28 -4.35	27.52 2.13 -1.74	28.64 2.08 -3.91	28.25 2.12 -2.02	30.82 2.45 -2.28	34.76 2.67 -3.99	38.80 3.01 -4.44	40.19 3.41 -2.31	46.67 3.21 -8.21	47.39 3.35 -6.83	50.26 3.28 -15.71	61.38 3.30 -28.60	72.44 3.72 -34.55	75.10 3.78 -38.67	119.51 3.74 -84.31	74.99 3.69 -40.54	62.98 3.33 -30.93	60.24 3.39 -26.83	57.14 2.63 -26.48	48.94 2.70 -16.30	46.31 2.95 -9.39	44.16 2.77 -9.57
CALSPAN___DRP 24200	27.20 -0.41 0.00	25.33 -0.65 0.00	24.68 -0.66 0.00	22.78 -0.88 0.00	21.79 -0.88 -0.03	23.53 -0.58 0.00	25.35 -0.89 -0.15	27.13 -1.43 -0.46	30.28 -1.50 -0.44	32.80 -1.76 -0.09	34.16 -1.06 0.03	36.14 -1.04 0.03	31.76 -0.50 -0.99	30.82 -0.56 -1.90	34.99 -0.61 -1.44	34.87 -0.52 -2.75	34.70 -0.13 -3.36	35.20 -0.18 -4.63	32.83 -0.20 -4.31	32.94 0.12 -2.80	30.92 0.50 -2.39	31.72 0.45 -1.32	32.45 -1.32 0.19	31.43 -0.48 -0.09
CALVERTON___SOLAR 323806	36.09 3.23 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.27 2.72 -3.91	28.92 2.79 -2.02	31.57 3.21 -2.28	35.74 3.65 -3.99	39.86 4.07 -4.44	41.08 4.31 -2.31	47.44 3.98 -8.21	59.19 4.28 -17.70	65.64 4.04 -30.33	62.01 3.92 -28.61	73.16 4.44 -34.56	79.20 4.47 -42.08	125.12 4.40 -89.25	183.01 4.31 -147.94	150.05 3.94 -117.39	103.05 4.11 -68.92	61.03 3.33 -29.67	55.13 3.50 -21.68	47.06 3.70 -9.39	44.95 3.56 -9.57
CANDIGU_WT_PWR 323617	27.56 -0.06 0.00	25.77 -0.21 0.00	25.06 -0.28 0.00	23.20 -0.45 0.00	22.23 -0.45 -0.04	23.89 -0.22 0.00	25.95 -0.34 -0.20	28.07 -0.65 -0.60	31.14 -0.78 -0.58	33.58 -1.00 -0.11	34.81 -0.42 0.02	36.82 -0.37 0.02	32.65 0.03 -1.35	31.85 -0.12 -2.49	36.01 -0.03 -1.89	36.21 -0.03 -3.60	36.12 0.25 -4.41	37.04 0.22 -6.06	34.61 0.20 -5.69	34.32 0.48 -3.82	32.01 0.73 -3.26	32.50 0.75 -1.80	33.45 -0.54 -0.03	31.89 -0.06 -0.14
CARR STREET_E_SYP 24060	27.31 -0.30 0.00	25.59 -0.39 0.00	24.91 -0.43 0.00	23.23 -0.43 0.00	22.23 -0.43 -0.02	23.72 -0.39 0.00	25.81 -0.37 -0.08	27.86 -0.51 -0.26	31.03 -0.56 -0.24	33.90 -0.62 -0.05	34.74 -0.49 0.01	36.68 -0.52 0.01	31.05 -0.22 0.00	30.27 -0.27 -1.05	34.72 -0.24 -0.80	33.90 -0.26 -1.52	33.14 -0.19 -1.86	33.11 -0.21 -2.56	30.48 -0.20 -1.95	29.81 -0.21 0.00	27.95 -0.08 0.00	29.86 -0.09 0.00	33.25 -0.51 0.21	31.33 -0.48 0.02
CARTHAGE___PAPER 23857	27.61 0.00 0.00	25.98 0.00 0.00	25.32 -0.03 0.00	23.63 -0.02 0.00	22.51 -0.14 -0.01	23.99 -0.12 0.00	26.05 -0.08 -0.04	28.13 -0.11 -0.13	31.22 -0.25 -0.13	34.25 -0.24 -0.02	35.01 -0.25 -0.01	37.00 -0.22 -0.01	30.80 -0.47 0.00	29.59 -0.44 -0.55	34.03 -0.55 -0.42	32.79 -0.65 -0.80	31.87 -0.57 -0.97	31.70 -0.40 -1.34	29.55 -0.20 -1.02	29.99 -0.03 0.00	28.25 0.22 0.00	30.25 0.30 0.00	34.53 0.48 -0.09	32.11 0.29 -0.01

CASSADAGA_WT_PWR 323784	27.92 0.30 0.00	26.03 0.05 0.00	25.37 0.03 0.00	23.32 -0.33 0.00	22.35 -0.32 -0.03	24.15 0.05 0.00	26.06 -0.18 -0.16	28.17 -0.42 -0.48	31.31 -0.50 -0.46	33.90 -0.66 -0.09	35.43 0.21 0.03	37.67 0.48 0.03	33.12 0.81 -1.04	32.00 0.53 -1.99	36.04 0.38 -1.51	35.81 0.29 -2.88	35.71 0.72 -3.52	36.22 0.61 -4.84	33.75 0.52 -4.51	33.96 0.99 -2.95	31.81 1.26 -2.52	32.69 1.35 -1.39	33.27 -0.54 0.16	32.20 0.29 -0.09
CE_DUNWOOD___DRP 24194	29.41 1.79 0.00	27.57 1.58 0.00	26.97 1.62 0.00	25.17 1.51 0.00	24.32 1.49 -0.18	25.60 1.49 0.00	28.83 1.77 -0.97	33.08 2.02 -2.95	36.46 2.29 -2.82	37.60 2.59 -0.55	37.75 2.50 0.00	39.86 2.64 0.00	40.22 2.69 -6.26	44.35 2.74 -12.13	46.47 3.11 -9.20	53.41 3.20 -17.56	76.83 3.15 -42.22	69.41 3.05 -35.60	59.00 2.79 -27.49	50.61 2.82 -17.77	45.24 2.07 -15.14	40.39 2.07 -8.38	37.72 2.17 -1.58	34.56 2.00 -0.74
CE_MILLWOOD___DRP 24193	29.35 1.74 0.00	27.51 1.53 0.00	26.91 1.57 0.00	25.12 1.47 0.00	24.25 1.43 -0.18	25.53 1.42 0.00	28.75 1.70 -0.97	32.98 1.94 -2.94	36.35 2.19 -2.81	37.50 2.48 -0.55	37.65 2.40 0.00	39.74 2.53 0.00	40.07 2.56 -6.23	44.20 2.65 -12.07	46.32 3.01 -9.16	53.19 3.07 -17.48	76.59 3.02 -42.11	69.17 2.95 -35.45	58.75 2.67 -27.35	50.43 2.73 -17.68	45.08 1.99 -15.06	40.26 1.98 -8.34	37.61 2.07 -1.57	34.46 1.91 -0.74
CE_NYC2_DRP 24202	29.66 2.04 0.00	27.80 1.82 0.00	27.19 1.85 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.65 2.48 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.15 2.94 0.00	40.59 3.03 -6.28	44.71 3.07 -12.16	46.77 3.38 -9.23	53.88 3.62 -17.61	77.30 3.56 -42.28	69.86 3.41 -35.69	59.37 3.07 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.79 2.23 -0.74
CE_NYC_DRP 24195	29.55 1.93 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.68 3.04 -12.16	46.81 3.42 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.90 3.06 -17.82	45.42 2.21 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.69 2.13 -0.74
CHAFFEE___LFGE 323603	27.23 -0.39 0.00	25.38 -0.60 0.00	24.73 -0.61 0.00	22.75 -0.90 0.00	21.79 -0.88 -0.03	23.53 -0.58 0.00	25.33 -0.91 -0.16	27.21 -1.38 -0.48	30.21 -1.60 -0.46	32.66 -1.90 -0.09	34.19 -1.02 0.03	36.26 -0.93 0.03	31.89 -0.41 -1.03	30.92 -0.53 -1.97	35.07 -0.58 -1.49	34.97 -0.52 -2.85	34.86 -0.09 -3.49	35.43 -0.12 -4.80	33.02 -0.17 -4.47	33.15 0.21 -2.92	31.08 0.56 -2.49	31.87 0.54 -1.38	32.47 -1.33 0.17	31.46 -0.45 -0.09
CHATEAUG_35_KV_LOAD 355732	27.61 0.00 0.00	26.16 0.18 0.00	25.47 0.13 0.00	23.82 0.17 0.00	22.75 0.11 0.00	24.23 0.12 0.00	25.96 -0.13 0.00	28.05 -0.06 0.00	31.25 -0.09 0.00	34.33 -0.14 0.00	35.11 -0.14 0.00	37.03 -0.19 0.00	30.65 -0.63 0.00	28.89 -0.59 0.00	33.48 -0.68 0.00	31.93 -0.72 0.00	30.58 -0.88 0.00	29.99 -0.77 0.00	28.04 -0.69 0.00	29.27 -0.75 0.00	27.61 -0.42 0.00	29.47 -0.48 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
CHATEAUG_WT_PWR 323614	27.61 0.00 0.00	26.11 0.13 0.00	25.47 0.13 0.00	23.80 0.14 0.00	22.75 0.11 0.00	24.23 0.12 0.00	25.98 -0.10 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.74 -0.53 0.00	28.95 -0.53 0.00	33.55 -0.61 0.00	31.99 -0.65 0.00	30.68 -0.79 0.00	30.05 -0.71 0.00	28.09 -0.63 0.00	29.30 -0.72 0.00	27.61 -0.42 0.00	29.47 -0.48 0.00	33.93 -0.03 0.00	31.76 -0.06 0.00
CHAT_HIGH_FALL_HYD 323578	27.61 0.00 0.00	26.11 0.13 0.00	25.47 0.13 0.00	23.80 0.14 0.00	22.75 0.11 0.00	24.23 0.12 0.00	25.98 -0.10 0.00	28.05 -0.06 0.00	31.25 -0.09 0.00	34.33 -0.14 0.00	35.11 -0.14 0.00	37.03 -0.19 0.00	30.65 -0.63 0.00	28.89 -0.59 0.00	33.48 -0.68 0.00	31.93 -0.72 0.00	30.58 -0.88 0.00	29.99 -0.77 0.00	28.04 -0.69 0.00	29.27 -0.75 0.00	27.61 -0.42 0.00	29.47 -0.48 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
CHAUTAUQUA___LFGE 323629	27.61 0.00 0.00	25.80 -0.18 0.00	25.14 -0.20 0.00	23.13 -0.52 0.00	22.15 -0.52 -0.03	23.91 -0.19 0.00	25.80 -0.44 -0.16	27.80 -0.79 -0.48	30.89 -0.91 -0.45	33.45 -1.10 -0.09	34.93 -0.28 0.03	37.04 -0.15 0.03	32.54 0.25 -1.02	31.56 0.12 -1.95	35.71 0.07 -1.48	35.54 0.07 -2.83	35.40 0.47 -3.47	35.93 0.40 -4.77	33.48 0.32 -4.44	33.61 0.69 -2.90	31.48 0.98 -2.47	32.30 0.99 -1.37	33.05 -0.75 0.17	31.91 0.00 -0.09
CHERRYST_13_KV_LD 356241	29.63 2.02 0.00	27.77 1.79 0.00	27.19 1.85 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.79 1.69 0.00	29.10 2.03 -0.98	33.40 2.33 -2.96	36.81 2.63 -2.83	38.02 3.00 -0.55	38.14 2.89 0.00	40.30 3.09 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.98 3.59 -9.23	54.01 3.75 -17.61	77.45 3.71 -42.28	69.98 3.54 -35.69	59.48 3.19 -27.57	51.02 3.18 -17.82	45.53 2.33 -15.18	40.66 2.31 -8.40	37.99 2.45 -1.58	34.79 2.23 -0.74
CHESTROR_138KV_BK263 355645	28.99 1.38 0.00	27.18 1.20 0.00	26.56 1.22 0.00	24.81 1.16 0.00	23.94 1.13 -0.17	25.21 1.11 0.00	28.33 1.36 -0.89	32.25 1.46 -2.69	35.61 1.69 -2.57	36.86 1.90 -0.50	37.08 1.83 0.00	39.15 1.94 0.00	39.01 2.03 -5.70	42.53 2.00 -11.04	44.79 2.25 -8.38	50.95 2.32 -15.99	53.34 2.30 -19.58	59.94 2.25 -26.93	55.79 2.04 -25.03	48.27 2.07 -16.18	43.32 1.51 -13.78	39.13 1.56 -7.63	37.03 1.63 -1.43	34.05 1.56 -0.67
CH_MIDHUDSON___DRP 24192	29.33 1.71 0.00	27.49 1.51 0.00	26.86 1.52 0.00	25.10 1.44 0.00	24.21 1.38 -0.19	25.50 1.40 0.00	28.73 1.64 -1.00	32.91 1.77 -3.03	36.25 2.01 -2.90	37.31 2.27 -0.56	37.47 2.22 0.00	39.56 2.34 0.00	40.14 2.38 -6.49	44.29 2.36 -12.45	46.24 2.63 -9.45	53.35 2.68 -18.03	56.18 2.64 -22.08	63.72 2.58 -30.37	59.38 2.38 -28.27	50.86 2.43 -18.41	45.53 1.82 -15.68	40.52 1.89 -8.68	37.60 2.00 -1.63	34.46 1.88 -0.77
CH_MISC_IPPS 23765	29.44 1.82 0.00	27.59 1.61 0.00	26.92 1.57 0.00	25.17 1.52 0.00	24.28 1.45 -0.19	25.55 1.45 0.00	28.78 1.72 -0.98	32.92 1.85 -2.96	36.28 2.10 -2.83	37.43 2.41 -0.55	37.61 2.36 0.00	39.71 2.49 0.00	40.14 2.53 -6.34	44.16 2.50 -12.17	46.16 2.77 -9.23	53.11 2.84 -17.62	55.84 2.80 -21.58	63.21 2.77 -29.68	58.88 2.53 -27.62	50.58 2.58 -17.98	45.28 1.93 -15.31	40.46 2.04 -8.48	37.70 2.14 -1.59	34.61 2.04 -0.75
CH_RES_BVR_FALLS 23983	27.42 -0.19 0.00	25.83 -0.15 0.00	25.22 -0.13 0.00	23.53 -0.12 0.00	22.53 -0.11 0.00	23.99 -0.12 0.00	25.88 -0.21 0.00	27.91 -0.20 0.00	31.13 -0.22 0.00	34.23 -0.24 0.00	35.00 -0.25 0.00	36.96 -0.26 0.00	30.86 -0.41 0.00	29.10 -0.38 0.00	33.72 -0.45 0.00	32.19 -0.46 0.00	30.99 -0.47 0.00	30.30 -0.46 0.00	28.29 -0.43 0.00	29.57 -0.45 0.00	27.66 -0.37 0.00	29.56 -0.39 0.00	33.73 -0.24 0.00	31.60 -0.22 0.00

CH_RES_NIAGARA 23895	26.32 -1.30 0.00	24.58 -1.40 0.00	24.18 -1.17 0.00	22.19 -1.47 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.82 -1.41 -0.14	26.39 -2.14 -0.43	29.25 -2.51 -0.41	31.65 -2.90 -0.08	32.92 -2.29 0.03	34.69 -2.49 0.03	30.45 -1.72 -0.90	29.82 -1.41 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.95 -1.08 -4.26	31.65 -1.03 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
CH_RES_SYRACUSE 23985	27.53 -0.08 0.00	25.80 -0.18 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.05 -0.13 -0.09	28.20 -0.20 -0.28	31.40 -0.22 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -1.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.69 -0.13 0.00
CLINTON_WT_PWR 323605	27.61 0.00 0.00	26.11 0.13 0.00	25.47 0.13 0.00	23.80 0.14 0.00	22.75 0.11 0.00	24.23 0.12 0.00	25.98 -0.10 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.74 -0.53 0.00	28.95 -0.53 0.00	33.55 -0.61 0.00	31.99 -0.65 0.00	30.68 -0.79 0.00	30.05 -0.71 0.00	28.09 -0.63 0.00	29.30 -0.72 0.00	27.61 -0.42 0.00	29.47 -0.48 0.00	33.93 -0.03 0.00	31.76 -0.06 0.00
CLINTON____LFGE 323618	27.89 0.28 0.00	26.34 0.36 0.00	25.67 0.33 0.00	24.01 0.36 0.00	22.93 0.29 0.00	24.44 0.34 0.00	26.19 0.10 0.00	28.30 0.20 0.00	31.57 0.22 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.40 0.19 0.00	30.96 -0.31 0.00	29.19 -0.29 0.00	33.85 -0.31 0.00	32.22 -0.43 0.00	30.83 -0.63 0.00	30.27 -0.49 0.00	28.32 -0.40 0.00	29.51 -0.51 0.00	27.95 -0.08 0.00	29.80 -0.15 0.00	34.24 0.27 0.00	32.01 0.19 0.00
COBBLENY_34_KV_TB1 80064	27.20 -0.41 0.00	25.33 -0.65 0.00	24.68 -0.66 0.00	22.78 -0.88 0.00	21.79 -0.88 -0.03	23.53 -0.58 0.00	25.33 -0.91 -0.16	27.18 -1.41 -0.48	30.33 -1.47 -0.46	32.80 -1.76 -0.09	34.23 -0.99 0.03	36.25 -0.93 0.03	31.86 -0.44 -1.03	30.92 -0.53 -1.97	35.07 -0.58 -1.49	34.97 -0.52 -2.84	34.85 -0.09 -3.48	35.43 -0.12 -4.79	33.02 -0.17 -2.92	33.15 0.21 -2.49	31.08 0.56 -1.38	31.86 0.54 0.17	32.47 -1.32 0.17	31.46 -0.45 -0.09
COFFEEN__115KV_TB3 355620	27.78 0.17 0.00	26.11 0.13 0.00	25.42 0.08 0.00	23.75 0.09 0.00	22.63 -0.02 -0.01	24.13 0.02 0.00	26.34 0.21 -0.05	28.45 0.20 -0.15	31.52 0.03 -0.14	34.60 0.10 -0.03	35.40 0.14 -0.01	37.48 0.26 -0.01	31.37 0.09 0.00	30.16 0.06 -0.62	34.63 0.00 -0.47	33.38 -0.16 -0.90	32.50 -0.06 -1.10	32.37 0.09 -1.52	30.20 0.32 -1.16	30.59 0.57 0.00	28.84 0.81 0.00	30.85 0.90 0.00	35.00 0.92 -0.11	32.43 0.60 -0.01
COLDSPRG_115KV_BK1 355956	27.89 0.28 0.00	25.98 0.00 0.00	25.29 -0.05 0.00	23.35 -0.31 0.00	22.36 -0.32 -0.03	24.18 0.07 0.00	25.94 -0.31 -0.16	28.02 -0.59 -0.50	31.29 -0.53 -0.48	33.87 -0.69 -0.09	35.47 0.25 0.03	37.67 0.48 0.03	33.14 0.78 -1.08	31.86 0.32 -2.05	35.87 0.14 -1.57	35.71 0.07 -3.00	35.64 0.50 -3.67	36.21 0.40 -5.05	33.76 0.32 -4.71	34.08 0.96 -3.10	31.88 1.21 -2.64	32.70 1.29 -1.46	33.06 -0.78 0.13	32.21 0.29 -0.10
COLONIE_LFGE____ 323577	29.13 1.52 0.00	27.38 1.40 0.00	26.66 1.32 0.00	24.91 1.25 0.00	24.10 1.22 -0.24	25.36 1.25 0.00	28.82 1.46 -1.27	33.48 1.52 -3.86	36.76 1.72 -3.69	37.05 1.86 -0.72	37.15 1.90 0.00	39.19 1.97 0.00	50.89 1.81 -17.81	46.99 1.65 -15.85	48.14 1.95 -12.03	57.43 1.83 -22.96	61.37 1.79 -28.11	71.19 1.75 -38.68	73.87 1.67 -43.48	82.32 1.77 -50.54	72.70 1.63 -43.04	55.48 1.71 -23.83	40.28 1.83 -4.48	35.70 1.78 -2.10
COOPERNY_115KV_TB1 80082	28.61 0.99 0.00	26.84 0.86 0.00	26.23 0.89 0.00	24.48 0.83 0.00	23.58 0.82 -0.13	24.90 0.80 0.00	27.74 0.99 -0.66	31.21 1.10 -2.01	34.52 1.25 -1.92	36.26 1.41 -0.37	36.62 1.37 0.00	38.67 1.45 0.00	37.11 1.53 -4.30	39.26 1.53 -8.25	42.16 1.74 -6.26	46.35 1.76 -11.95	47.85 1.76 -14.63	52.58 1.69 -20.12	49.01 1.55 -18.73	43.81 1.59 -12.20	39.60 1.18 -10.39	36.90 1.20 -5.75	36.27 1.22 -1.08	33.47 1.15 -0.51
COPENHAGEN_WT_PWR 323753	27.61 0.00 0.00	25.93 -0.05 0.00	25.24 -0.10 0.00	23.56 -0.09 0.00	22.47 -0.18 -0.01	23.96 -0.14 0.00	26.09 -0.05 -0.05	28.21 -0.06 -0.16	31.28 -0.22 -0.15	34.29 -0.21 -0.03	35.08 -0.18 -0.01	37.11 -0.11 -0.01	31.09 -0.19 0.00	29.92 -0.20 -0.64	34.37 -0.27 -0.49	33.18 -0.39 -0.93	32.29 -0.31 -1.14	32.14 -0.18 -1.56	29.92 0.00 -1.19	30.23 0.21 0.00	28.48 0.45 0.00	30.46 0.51 0.00	34.56 0.48 -0.12	32.08 0.25 -0.01
CORNELL____ 23752	28.17 0.55 0.00	26.29 0.31 0.00	25.60 0.25 0.00	23.87 0.21 0.00	22.86 0.18 -0.04	24.42 0.31 0.00	26.81 0.52 -0.20	29.16 0.45 -0.61	32.40 0.47 -0.58	34.99 0.41 -0.11	35.80 0.56 0.01	37.84 0.63 0.01	33.44 0.75 -1.42	32.63 0.65 -2.50	36.84 0.79 -1.89	37.01 0.75 -3.62	36.74 0.85 -4.43	37.74 0.89 -6.09	35.38 0.89 -5.76	35.09 1.05 -4.02	32.58 1.12 -3.43	33.10 1.26 -1.90	34.98 0.78 -0.23	32.74 0.76 -0.16
CORONA_AV_69_KV_TB1 355595	35.35 2.49 -5.25	33.23 2.23 -5.01	31.94 2.26 -4.34	27.47 2.08 -1.74	28.59 2.04 -3.91	28.20 2.07 -2.02	30.77 2.40 -2.28	34.73 2.64 -3.98	38.76 2.98 -4.44	40.08 3.31 -2.30	46.63 3.17 -8.21	46.99 3.35 -6.43	49.20 3.31 -14.62	61.44 3.36 -28.60	72.51 3.79 -34.55	75.12 3.85 -38.62	119.51 3.81 -84.24	71.04 3.69 -36.59	60.54 3.42 -28.40	59.77 3.48 -26.27	56.99 2.72 -26.25	48.56 2.73 -15.89	46.38 3.02 -9.39	44.22 2.83 -9.57
CORTLAND_115KV_TB3 80093	27.89 0.28 0.00	26.08 0.10 0.00	25.42 0.08 0.00	23.70 0.05 0.00	22.69 0.02 -0.03	24.23 0.12 0.00	26.51 0.26 -0.16	28.80 0.20 -0.50	32.04 0.22 -0.47	34.77 0.21 -0.09	35.59 0.35 0.01	37.62 0.41 0.01	32.91 0.56 -1.08	31.96 0.44 -2.04	36.29 0.58 -1.55	36.12 0.52 -2.95	35.71 0.63 -3.61	36.34 0.62 -4.97	33.94 0.57 -4.64	33.77 0.69 -3.06	31.40 0.76 -2.61	32.20 0.81 -1.45	34.53 0.41 -0.16	32.38 0.45 -0.12
COXSACKIE____GT 23611	29.88 2.26 0.00	27.93 1.95 0.00	27.14 1.80 0.00	25.43 1.77 0.00	24.49 1.63 -0.22	25.79 1.69 0.00	29.22 1.96 -1.17	33.21 1.54 -3.56	36.63 1.88 -3.40	37.30 2.17 -0.66	37.71 2.47 0.00	39.78 2.57 0.00	44.61 2.41 -10.93	45.85 1.74 -14.62	47.14 1.88 -11.10	55.62 1.79 -21.18	59.25 1.86 -25.93	68.31 1.88 -35.68	66.34 1.81 -35.80	62.96 1.92 -31.02	56.16 1.71 -26.42	46.79 2.22 -14.63	39.13 2.41 -2.75	35.62 2.51 -1.29
CPV_VALLEY____CC1 323721	28.77 1.16 0.00	27.02 1.04 0.00	26.36 1.01 0.00	24.62 0.97 0.00	23.74 0.95 -0.15	25.04 0.94 0.00	28.04 1.15 -0.81	31.84 1.29 -2.44	35.16 1.47 -2.34	36.58 1.65 -0.46	36.80 1.55 0.00	38.85 1.64 0.00	38.21 1.75 -5.19	41.33 1.80 -10.05	43.80 2.02 -7.62	49.25 2.06 -14.55	51.32 2.04 -17.82	57.27 2.00 -24.51	53.31 1.81 -22.78	46.57 1.83 -14.72	41.89 1.32 -12.54	38.24 1.35 -6.94	36.66 1.39 -1.30	33.74 1.31 -0.61

CPV_VALLEY___CC2 323722	28.77 1.16 0.00	27.02 1.04 0.00	26.36 1.01 0.00	24.62 0.97 0.00	23.74 0.95 -0.15	25.04 0.94 0.00	28.04 1.15 -0.81	31.84 1.29 -2.44	35.16 1.47 -2.34	36.58 1.65 -0.46	36.80 1.55 0.00	38.85 1.64 0.00	38.21 1.75 -5.19	41.33 1.80 -10.05	43.80 2.02 -7.62	49.25 2.06 -14.55	51.32 2.04 -17.82	57.27 2.00 -24.51	53.31 1.81 -22.78	46.57 1.83 -14.72	41.89 1.32 -12.54	38.24 1.35 -6.94	36.66 1.39 -1.30	33.74 1.31 -0.61
CRESCENT___HYD 24018	29.13 1.52 0.00	27.38 1.40 0.00	26.66 1.32 0.00	24.91 1.25 0.00	24.10 1.22 -0.24	25.36 1.25 0.00	28.82 1.46 -1.27	33.48 1.52 -3.86	36.76 1.72 -3.69	37.05 1.86 -0.72	37.15 1.90 0.00	39.19 1.97 0.00	50.89 1.81 -17.81	46.99 1.65 -15.85	48.14 1.95 -12.03	57.43 1.83 -22.96	61.37 1.79 -28.11	71.19 1.75 -38.68	73.87 1.67 -43.48	82.32 1.77 -50.54	72.70 1.63 -43.04	55.48 1.71 -23.83	40.28 1.83 -4.48	35.70 1.78 -2.10
CRICKET___VALLEY_CC1 323756	29.05 1.43 0.00	27.38 1.40 0.00	26.71 1.37 0.00	24.95 1.30 0.00	24.13 1.29 -0.20	25.38 1.28 0.00	28.59 1.46 -1.04	32.83 1.57 -3.16	36.15 1.79 -3.02	36.99 1.93 -0.59	37.08 1.83 0.00	39.15 1.93 0.00	40.14 1.97 -6.90	44.43 1.98 -12.97	46.26 2.25 -9.84	53.65 2.22 -18.78	56.66 2.20 -23.00	64.55 2.15 -31.64	60.26 1.98 -29.56	51.64 2.04 -19.58	46.28 1.57 -16.68	40.74 1.56 -9.23	37.37 1.66 -1.74	34.26 1.62 -0.81
CRICKET___VALLEY_CC2 323757	29.05 1.43 0.00	27.38 1.40 0.00	26.71 1.37 0.00	24.95 1.30 0.00	24.13 1.29 -0.20	25.38 1.28 0.00	28.59 1.46 -1.04	32.83 1.57 -3.16	36.15 1.79 -3.02	36.99 1.93 -0.59	37.08 1.83 0.00	39.15 1.93 0.00	40.14 1.97 -6.90	44.43 1.98 -12.97	46.26 2.25 -9.84	53.65 2.22 -18.78	56.66 2.20 -23.00	64.55 2.15 -31.64	60.26 1.98 -29.56	51.64 2.04 -19.58	46.28 1.57 -16.68	40.74 1.56 -9.23	37.37 1.66 -1.74	34.26 1.62 -0.81
CRICKET___VALLEY_CC3 323758	29.05 1.43 0.00	27.38 1.40 0.00	26.71 1.37 0.00	24.95 1.30 0.00	24.13 1.29 -0.20	25.38 1.28 0.00	28.59 1.46 -1.04	32.83 1.57 -3.16	36.15 1.79 -3.02	36.99 1.93 -0.59	37.08 1.83 0.00	39.15 1.93 0.00	40.14 1.97 -6.90	44.43 1.98 -12.97	46.26 2.25 -9.84	53.65 2.22 -18.78	56.66 2.20 -23.00	64.55 2.15 -31.64	60.26 1.98 -29.56	51.64 2.04 -19.58	46.28 1.57 -16.68	40.74 1.56 -9.23	37.37 1.66 -1.74	34.26 1.62 -0.81
CRUCIBLE_METL_DRP 24180	27.53 -0.08 0.00	25.72 -0.26 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.08 -0.10 -0.09	28.19 -0.20 -0.28	31.43 -0.19 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -1.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
DAHOWA___HYDRO 323763	29.57 1.96 0.00	27.77 1.79 0.00	26.99 1.65 0.00	25.24 1.58 0.00	24.40 1.52 -0.25	25.70 1.59 0.00	29.23 1.85 -1.29	33.94 1.91 -3.93	37.33 2.23 -3.75	37.65 2.45 -0.73	37.79 2.54 0.00	39.82 2.60 0.00	53.24 2.28 -19.69	47.60 1.98 -16.14	48.76 2.36 -12.25	58.21 2.19 -23.38	62.28 2.20 -28.62	72.25 2.12 -39.37	76.33 2.13 -45.48	88.13 2.25 -55.86	77.91 2.30 -47.58	58.74 2.46 -26.34	41.50 2.58 -4.95	36.53 2.39 -2.32
DANC___LFGE 323619	27.39 -0.22 0.00	25.72 -0.26 0.00	25.04 -0.30 0.00	23.34 -0.31 0.00	22.31 -0.34 -0.01	23.79 -0.31 0.00	25.91 -0.24 -0.06	28.01 -0.28 -0.18	31.11 -0.41 -0.17	34.02 -0.48 -0.03	34.84 -0.42 -0.01	36.82 -0.41 -0.01	30.96 -0.31 0.00	29.91 -0.32 -0.75	34.35 -0.38 -0.57	33.24 -0.49 -1.08	32.35 -0.44 -1.32	32.24 -0.34 -1.82	29.94 -0.17 -1.39	29.99 -0.03 0.00	28.17 0.14 0.00	30.19 0.24 0.00	34.19 0.07 -0.16	31.77 -0.06 -0.01
DANSKAMMER___1 23586	29.44 1.82 0.00	27.59 1.61 0.00	26.92 1.57 0.00	25.17 1.52 0.00	24.28 1.45 -0.19	25.55 1.45 0.00	28.78 1.72 -0.98	32.92 1.85 -2.96	36.28 2.10 -2.83	37.43 2.41 -0.55	37.61 2.36 0.00	39.71 2.49 0.00	40.14 2.53 -6.34	44.16 2.50 -12.17	46.16 2.77 -9.23	53.11 2.84 -17.62	55.84 2.80 -21.58	63.21 2.77 -29.68	58.88 2.53 -27.62	50.58 2.58 -17.98	45.28 1.93 -15.31	40.46 2.04 -8.48	37.70 2.14 -1.59	34.61 2.04 -0.75
DANSKAMMER___2 23589	29.44 1.82 0.00	27.59 1.61 0.00	26.92 1.57 0.00	25.17 1.52 0.00	24.28 1.45 -0.19	25.55 1.45 0.00	28.78 1.72 -0.98	32.92 1.85 -2.96	36.28 2.10 -2.83	37.43 2.41 -0.55	37.61 2.36 0.00	39.71 2.49 0.00	40.14 2.53 -6.34	44.16 2.50 -12.17	46.16 2.77 -9.23	53.11 2.84 -17.62	55.84 2.80 -21.58	63.21 2.77 -29.68	58.88 2.53 -27.62	50.58 2.58 -17.98	45.28 1.93 -15.31	40.46 2.04 -8.48	37.70 2.14 -1.59	34.61 2.04 -0.75
DANSKAMMER___3 23590	29.44 1.82 0.00	27.59 1.61 0.00	26.92 1.57 0.00	25.17 1.52 0.00	24.28 1.45 -0.19	25.55 1.45 0.00	28.78 1.72 -0.98	32.92 1.85 -2.96	36.28 2.10 -2.83	37.43 2.41 -0.55	37.61 2.36 0.00	39.71 2.49 0.00	40.14 2.53 -6.34	44.16 2.50 -12.17	46.16 2.77 -9.23	53.11 2.84 -17.62	55.84 2.80 -21.58	63.21 2.77 -29.68	58.88 2.53 -27.62	50.58 2.58 -17.98	45.28 1.93 -15.31	40.46 2.04 -8.48	37.70 2.14 -1.59	34.61 2.04 -0.75
DANSKAMMER___4 23591	29.44 1.82 0.00	27.59 1.61 0.00	26.92 1.57 0.00	25.17 1.52 0.00	24.28 1.45 -0.19	25.55 1.45 0.00	28.78 1.72 -0.98	32.92 1.85 -2.96	36.28 2.10 -2.83	37.43 2.41 -0.55	37.61 2.36 0.00	39.71 2.49 0.00	40.14 2.53 -6.34	44.16 2.50 -12.17	46.16 2.77 -9.23	53.11 2.84 -17.62	55.84 2.80 -21.58	63.21 2.77 -29.68	58.88 2.53 -27.62	50.58 2.58 -17.98	45.28 1.93 -15.31	40.46 2.04 -8.48	37.70 2.14 -1.59	34.61 2.04 -0.75
DANSKAMMER___DIESEL 23592	29.44 1.82 0.00	27.57 1.58 0.00	26.94 1.60 0.00	25.17 1.51 0.00	24.28 1.45 -0.19	25.55 1.45 0.00	28.78 1.72 -0.98	32.89 1.83 -2.96	36.28 2.10 -2.83	37.43 2.41 -0.55	37.61 2.36 0.00	39.71 2.49 0.00	40.17 2.56 -6.34	44.16 2.51 -12.17	46.16 2.77 -9.23	53.11 2.84 -17.62	55.84 2.80 -21.58	63.21 2.77 -29.68	58.88 2.53 -27.62	50.58 2.58 -17.98	45.28 1.93 -15.31	40.46 2.04 -8.48	37.70 2.14 -1.59	34.60 2.04 -0.75
DARBY___SOLAR 323810	29.49 1.88 0.00	27.72 1.74 0.00	26.94 1.60 0.00	25.19 1.54 0.00	24.36 1.47 -0.25	25.65 1.54 0.00	29.15 1.77 -1.29	33.88 1.85 -3.92	37.22 2.13 -3.74	37.57 2.38 -0.73	37.68 2.43 0.00	39.71 2.49 0.00	52.96 2.22 -19.47	47.53 1.95 -16.10	48.70 2.32 -12.22	58.11 2.15 -23.32	62.18 2.17 -28.55	72.13 2.09 -39.27	76.00 2.04 -45.24	87.42 2.16 -55.24	77.27 2.19 -47.05	58.30 2.31 -26.05	41.31 2.45 -4.90	36.41 2.29 -2.30
DASHVILLE___HYD 23610	28.99 1.38 0.00	27.12 1.14 0.00	26.53 1.19 0.00	24.79 1.14 0.00	23.92 1.09 -0.19	25.14 1.04 0.00	28.27 1.17 -1.01	32.44 1.26 -3.07	35.72 1.44 -2.93	36.69 1.65 -0.57	36.94 1.69 0.00	38.96 1.75 0.00	40.46 1.81 -7.38	43.91 1.83 -12.60	45.67 1.95 -9.56	52.95 2.06 -18.25	55.88 2.08 -22.34	63.53 2.03 -30.74	59.83 1.87 -29.24	52.84 1.89 -20.93	47.09 1.23 -17.83	41.10 1.29 -9.87	37.21 1.39 -1.85	33.99 1.30 -0.87

DEERFIELD_69_KV_DEERFIELD LD 355887	36.98 4.11 -5.25	34.87 3.87 -5.02	33.57 3.88 -4.35	28.94 3.55 -1.74	30.00 3.44 -3.91	29.69 3.57 -2.02	32.44 4.07 -2.28	36.70 4.61 -3.99	41.05 5.27 -4.44	42.60 5.83 -2.31	48.99 5.53 -8.21	60.90 5.95 -17.73	67.18 5.54 -30.37	63.52 5.42 -28.61	74.94 6.22 -34.56	80.90 6.17 -42.09	126.71 5.98 -89.27	184.90 5.88 -148.27	151.77 5.40 -117.65	104.61 5.55 -69.04	62.33 4.62 -29.68	56.38 4.73 -21.70	48.28 4.93 -9.39	46.07 4.68 -9.57
DELAWARE___LFGE 323621	28.58 0.97 0.00	26.79 0.81 0.00	26.15 0.81 0.00	24.41 0.76 0.00	23.41 0.70 -0.07	24.88 0.77 0.00	27.40 0.97 -0.35	30.25 1.07 -1.07	33.53 1.16 -1.02	36.01 1.34 -0.20	36.66 1.41 0.00	38.74 1.53 0.00	37.25 1.47 -4.50	35.30 1.42 -4.40	39.14 1.64 -3.34	40.55 1.53 -6.38	40.81 1.54 -7.81	43.01 1.51 -10.74	41.83 1.38 -11.73	44.30 1.50 -12.78	40.23 1.32 -10.89	37.32 1.35 -6.03	36.36 1.26 -1.13	33.53 1.18 -0.53
DERFIELD_115KV_TB7 355931	27.67 0.06 0.00	26.01 0.03 0.00	25.37 0.03 0.00	23.68 0.02 0.00	22.66 0.02 0.00	24.13 0.02 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.57 0.10 0.00	35.35 0.11 0.00	37.33 0.11 0.00	31.43 0.16 0.00	29.66 0.18 0.00	34.37 0.20 0.00	32.84 0.20 0.00	31.65 0.19 0.00	30.94 0.18 0.00	28.90 0.17 0.00	30.20 0.18 0.00	28.20 0.17 0.00	30.10 0.15 0.00	34.07 0.10 0.00	31.91 0.10 0.00
DOGLEVILLE___HYD 23807	27.56 -0.06 0.00	25.80 -0.18 0.00	25.19 -0.15 0.00	23.53 -0.12 0.00	22.55 -0.09 0.00	24.01 -0.10 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.44 0.22 0.00	31.52 0.25 0.00	29.63 0.15 0.00	34.30 0.14 0.00	32.74 0.10 0.00	31.62 0.16 0.00	30.91 0.15 0.00	28.84 0.12 0.00	30.17 0.15 0.00	28.11 0.08 0.00	30.07 0.12 0.00	34.03 0.07 0.00	31.85 0.03 0.00
DUNKIRK___115KV_TB_200 55889	27.56 -0.06 0.00	25.69 -0.29 0.00	25.04 -0.30 0.00	23.08 -0.57 0.00	22.13 -0.54 -0.03	23.89 -0.22 0.00	25.77 -0.47 -0.16	27.68 -0.90 -0.47	30.89 -0.91 -0.45	33.45 -1.10 -0.09	34.83 -0.39 0.03	36.92 -0.26 0.03	32.42 0.13 -1.02	31.49 0.06 -1.95	35.65 0.00 -1.49	35.48 0.00 -2.84	35.35 0.41 -3.48	35.85 0.31 -4.78	33.44 0.26 -4.45	33.53 0.60 -2.91	31.41 0.90 -2.48	32.22 0.90 -1.37	32.95 -0.85 0.17	31.85 -0.06 -0.09
DUNKIRK___1 23563	27.56 -0.06 0.00	25.69 -0.29 0.00	25.04 -0.30 0.00	23.08 -0.57 0.00	22.13 -0.54 -0.03	23.89 -0.22 0.00	25.77 -0.47 -0.16	27.68 -0.90 -0.47	30.89 -0.91 -0.45	33.45 -1.10 -0.09	34.83 -0.39 0.03	36.92 -0.26 0.03	32.42 0.13 -1.02	31.49 0.06 -1.95	35.65 0.00 -1.49	35.48 0.00 -2.84	35.35 0.41 -3.48	35.85 0.31 -4.78	33.44 0.26 -4.45	33.53 0.60 -2.91	31.41 0.90 -2.48	32.22 0.90 -1.37	32.95 -0.85 0.17	31.85 -0.06 -0.09
DUNKIRK___2 23564	27.56 -0.06 0.00	25.69 -0.29 0.00	25.04 -0.30 0.00	23.08 -0.57 0.00	22.13 -0.54 -0.03	23.89 -0.22 0.00	25.77 -0.47 -0.16	27.68 -0.90 -0.47	30.89 -0.91 -0.45	33.45 -1.10 -0.09	34.83 -0.39 0.03	36.92 -0.26 0.03	32.42 0.13 -1.02	31.49 0.06 -1.95	35.65 0.00 -1.49	35.48 0.00 -2.84	35.35 0.41 -3.48	35.85 0.31 -4.78	33.44 0.26 -4.45	33.53 0.60 -2.91	31.41 0.90 -2.48	32.22 0.90 -1.37	32.95 -0.85 0.17	31.85 -0.06 -0.09
DUNKIRK___3 23565	27.36 -0.25 0.00	25.51 -0.47 0.00	24.86 -0.48 0.00	22.94 -0.71 0.00	21.97 -0.70 -0.03	23.72 -0.39 0.00	25.56 -0.68 -0.16	27.43 -1.15 -0.47	30.61 -1.19 -0.45	33.14 -1.41 -0.09	34.51 -0.70 0.03	36.55 -0.63 0.03	32.13 -0.16 -1.02	31.16 -0.27 -1.95	35.33 -0.31 -1.48	35.21 -0.26 -2.83	35.05 0.13 -3.46	35.58 0.06 -4.76	33.16 0.00 -4.43	33.27 0.36 -2.90	31.17 0.67 -2.47	31.97 0.66 -1.37	32.71 -1.09 0.17	31.62 -0.29 -0.09
DUNKIRK___4 23566	27.36 -0.25 0.00	25.51 -0.47 0.00	24.86 -0.48 0.00	22.94 -0.71 0.00	21.97 -0.70 -0.03	23.72 -0.39 0.00	25.56 -0.68 -0.16	27.43 -1.15 -0.47	30.61 -1.19 -0.45	33.14 -1.41 -0.09	34.51 -0.70 0.03	36.55 -0.63 0.03	32.13 -0.16 -1.02	31.16 -0.27 -1.95	35.33 -0.31 -1.48	35.21 -0.26 -2.83	35.05 0.13 -3.46	35.58 0.06 -4.76	33.16 0.00 -4.43	33.27 0.36 -2.90	31.17 0.67 -2.47	31.97 0.66 -1.37	32.71 -1.09 0.17	31.62 -0.29 -0.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.46 1.85 0.00	27.64 1.66 0.00	27.04 1.70 0.00	25.21 1.56 0.00	24.37 1.54 -0.19	25.65 1.54 0.00	28.91 1.85 -0.98	33.17 2.11 -2.96	36.59 2.41 -2.83	37.74 2.72 -0.55	37.86 2.61 0.00	39.97 2.75 0.00	40.37 2.81 -6.28	44.50 2.86 -12.16	46.63 3.25 -9.23	53.59 3.33 -17.61	77.01 3.27 -42.28	69.65 3.20 -35.69	59.20 2.90 -27.57	50.78 2.94 -17.82	45.39 2.19 -15.18	40.51 2.16 -8.40	37.79 2.24 -1.58	34.63 2.07 -0.74
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.19 1.57 0.00	27.33 1.35 0.00	26.71 1.37 0.00	24.93 1.28 0.00	24.06 1.25 -0.18	25.34 1.23 0.00	28.51 1.49 -0.94	32.55 1.60 -2.84	35.92 1.85 -2.72	37.10 2.10 -0.53	37.29 2.04 0.00	39.37 2.16 0.00	39.58 2.22 -6.09	43.39 2.21 -11.69	45.46 2.43 -8.87	52.10 2.51 -16.94	54.69 2.49 -20.74	61.72 2.43 -28.53	57.52 2.24 -26.55	49.58 2.28 -17.28	44.43 1.68 -14.72	39.84 1.74 -8.15	37.33 1.83 -1.53	34.29 1.75 -0.72
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.78 2.15 -0.01	27.89 1.90 -0.01	27.30 1.95 -0.01	25.46 1.80 -0.01	24.58 1.74 -0.19	25.87 1.76 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.53 2.35 -2.83	37.78 2.76 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.65 3.10 -6.28	44.78 3.13 -12.17	46.85 3.45 -9.24	53.92 3.66 -17.62	77.37 3.62 -42.29	69.93 3.48 -35.69	59.43 3.13 -27.58	50.91 3.06 -17.83	45.42 2.21 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.92 2.35 -0.75
E179THST_13_KV_LOAD 356214	29.91 2.29 -0.01	28.02 2.03 -0.01	27.40 2.05 -0.01	25.55 1.89 -0.01	24.69 1.86 -0.19	25.96 1.86 0.00	29.15 2.09 -0.98	33.45 2.39 -2.96	36.72 2.54 -2.83	37.98 2.96 -0.55	38.14 2.89 0.00	40.34 3.13 0.00	40.84 3.28 -6.28	45.01 3.36 -12.17	47.09 3.69 -9.24	54.18 3.92 -17.62	77.62 3.87 -42.29	70.18 3.72 -35.69	59.66 3.36 -27.58	51.15 3.30 -17.83	45.62 2.41 -15.18	40.87 2.52 -8.40	38.27 2.72 -1.59	35.11 2.55 -0.75
EAST HAMPTON___GT 23717	37.42 4.56 -5.25	35.33 4.34 -5.02	33.97 4.28 -4.35	29.32 3.93 -1.74	30.36 3.80 -3.91	30.08 3.95 -2.02	32.88 4.51 -2.28	37.24 5.14 -3.99	41.65 5.86 -4.44	43.18 6.41 -2.31	49.77 6.31 -8.21	61.79 6.85 -17.73	67.93 6.29 -30.37	64.25 6.16 -28.61	75.76 7.04 -34.56	81.69 6.95 -42.09	127.50 6.77 -89.27	185.72 6.67 -148.29	152.48 6.09 -117.66	105.34 6.28 -69.04	62.92 5.21 -29.68	57.01 5.36 -21.70	48.93 5.57 -9.39	46.71 5.31 -9.57
EAST RIVER___6 23660	29.41 1.79 0.00	27.67 1.69 0.00	27.02 1.67 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.89 1.83 -0.98	33.20 2.14 -2.96	36.59 2.41 -2.83	37.74 2.72 -0.55	37.86 2.61 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.68 3.04 -12.16	46.77 3.38 -9.23	53.82 3.56 -17.61	77.26 3.52 -42.28	69.83 3.38 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.42 2.06 -8.40	37.72 2.18 -1.58	34.57 2.01 -0.74

EAST_RIVER___7 23524	29.41 1.79 0.00	27.67 1.69 0.00	27.02 1.67 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.89 1.83 -0.98	33.20 2.14 -2.96	36.59 2.41 -2.83	37.74 2.72 -0.55	37.86 2.61 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.68 3.04 -12.16	46.77 3.38 -9.23	53.82 3.56 -17.61	77.26 3.52 -42.28	69.83 3.38 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.42 2.06 -8.40	37.72 2.18 -1.58	34.57 2.01 -0.74
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.41 1.79 0.00	27.57 1.58 0.00	26.97 1.62 0.00	25.17 1.51 0.00	24.32 1.49 -0.18	25.60 1.49 0.00	28.83 1.77 -0.97	33.08 2.02 -2.95	36.46 2.29 -2.82	37.60 2.59 -0.55	37.75 2.50 0.00	39.86 2.64 0.00	40.22 2.69 -6.26	44.35 2.74 -12.13	46.47 3.11 -9.20	53.41 3.20 -17.56	76.83 3.15 -42.22	69.41 3.05 -35.60	59.00 2.79 -27.49	50.61 2.82 -17.77	45.24 2.07 -15.14	40.39 2.07 -8.38	37.72 2.17 -1.58	34.56 2.00 -0.74
EAST_HAMPTON___DIESEL 23722	37.45 4.59 -5.25	35.33 4.34 -5.02	34.00 4.31 -4.35	29.34 3.95 -1.74	30.38 3.83 -3.91	30.10 3.98 -2.02	32.91 4.54 -2.28	37.26 5.17 -3.99	41.68 5.89 -4.44	43.22 6.44 -2.31	49.80 6.34 -8.21	61.83 6.88 -17.73	67.96 6.32 -30.37	64.25 6.16 -28.61	75.76 7.04 -34.56	81.72 6.99 -42.09	127.52 6.79 -89.27	185.75 6.71 -148.29	152.51 6.12 -117.66	105.34 6.28 -69.04	62.92 5.21 -29.68	57.04 5.39 -21.70	48.96 5.60 -9.39	46.74 5.34 -9.57
EAST_PULASKI___ESR 323781	27.20 -0.41 0.00	25.49 -0.49 0.00	24.84 -0.51 0.00	23.18 -0.47 0.00	22.18 -0.48 -0.01	23.65 -0.46 0.00	25.79 -0.37 -0.07	27.86 -0.45 -0.21	30.98 -0.56 -0.20	33.78 -0.72 -0.04	34.60 -0.67 -0.02	36.57 -0.67 -0.02	30.83 -0.44 0.00	29.89 -0.44 -0.85	34.29 -0.51 -0.64	33.32 -0.55 -1.23	32.43 -0.53 -1.50	32.37 -0.46 -2.07	30.02 -0.29 -1.58	29.78 -0.24 0.00	27.95 -0.08 0.00	29.92 -0.03 0.00	33.94 -0.34 -0.32	31.49 -0.35 -0.02
EAST_RIVER___1 323558	29.55 1.93 0.00	27.75 1.77 0.00	27.09 1.75 0.00	25.31 1.66 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.28 2.22 -2.96	36.65 2.48 -2.83	37.81 2.79 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.49 2.94 -6.28	44.68 3.04 -12.16	46.80 3.42 -9.23	53.82 3.56 -17.61	77.26 3.52 -42.28	69.83 3.38 -35.69	59.37 3.08 -27.57	50.90 3.06 -17.82	45.42 2.21 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.73 2.16 -0.74
EAST_RIVER___2 323559	29.41 1.79 0.00	27.67 1.69 0.00	27.02 1.67 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.89 1.83 -0.98	33.20 2.14 -2.96	36.59 2.41 -2.83	37.74 2.72 -0.55	37.86 2.61 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.68 3.04 -12.16	46.77 3.38 -9.23	53.82 3.56 -17.61	77.26 3.52 -42.28	69.83 3.38 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.42 2.06 -8.40	37.72 2.18 -1.58	34.57 2.01 -0.74
EAST___DELAWARE_HYD 23607	28.55 0.94 0.00	26.89 0.91 0.00	26.23 0.89 0.00	24.50 0.85 0.00	23.59 0.79 -0.16	24.90 0.79 0.00	27.79 0.86 -0.85	31.60 0.93 -2.57	34.87 1.07 -2.46	36.19 1.24 -0.48	36.38 1.13 0.00	38.44 1.23 0.00	38.49 1.44 -5.78	41.48 1.44 -10.56	42.75 0.58 -8.01	48.69 0.75 -15.29	51.03 0.85 -18.72	57.38 0.86 -25.76	53.69 0.78 -24.19	47.17 0.75 -16.40	43.01 1.01 -13.97	38.82 1.14 -7.73	36.58 1.16 -1.45	33.61 1.11 -0.68
EIGHT_POINT___WT_PWR 323820	27.95 0.33 0.00	26.08 0.10 0.00	25.34 0.00 0.00	23.46 -0.19 0.00	22.47 -0.20 -0.04	24.18 0.07 0.00	26.30 0.03 -0.19	28.42 -0.25 -0.57	31.51 -0.37 -0.54	33.99 -0.59 -0.11	35.26 0.04 0.02	37.30 0.11 0.02	33.02 0.50 -1.25	32.07 0.26 -2.32	36.34 0.41 -1.76	36.37 0.36 -3.36	36.25 0.66 -4.12	37.07 0.65 -5.67	34.66 0.63 -5.31	34.54 0.96 -3.56	32.29 1.23 -3.03	32.94 1.32 -1.68	33.89 -0.07 0.01	32.33 0.38 -0.13
ELBRIDGE_115KV_TB2 80188	27.39 -0.22 0.00	25.67 -0.31 0.00	25.01 -0.33 0.00	23.30 -0.35 0.00	22.32 -0.34 -0.02	23.82 -0.29 0.00	25.98 -0.21 -0.10	28.10 -0.31 -0.30	31.32 -0.31 -0.29	34.14 -0.38 -0.06	34.97 -0.28 0.00	36.95 -0.26 0.00	31.83 -0.03 -0.59	30.66 -0.06 -1.24	35.06 -0.03 -0.94	34.40 -0.03 -1.79	33.66 0.00 -2.19	33.77 0.00 -3.01	31.49 0.00 -2.76	31.72 0.03 -1.67	29.59 0.14 -1.42	30.89 0.15 -0.79	33.88 -0.24 -0.15	31.67 -0.22 -0.07
ELEC_TRO_TEK 24086	35.13 2.26 -5.25	33.05 2.05 -5.01	31.77 2.08 -4.34	27.33 1.94 -1.74	28.43 1.88 -3.91	28.05 1.93 -2.02	30.58 2.22 -2.28	34.56 2.47 -3.98	38.57 2.79 -4.44	39.94 3.17 -2.30	46.45 3.00 -8.21	46.84 3.16 -6.46	49.02 3.13 -14.62	61.24 3.15 -28.60	72.27 3.55 -34.55	74.89 3.62 -38.62	119.26 3.56 -84.24	71.06 3.45 -36.86	60.46 3.19 -28.54	59.53 3.24 -26.27	56.74 2.47 -26.25	48.35 2.52 -15.89	46.11 2.75 -9.39	43.97 2.58 -9.57
ELLENBURG_WT_PWR 323604	27.61 0.00 0.00	26.11 0.13 0.00	25.47 0.13 0.00	23.80 0.14 0.00	22.75 0.11 0.00	24.23 0.12 0.00	25.98 -0.10 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.74 -0.53 0.00	28.95 -0.53 0.00	33.55 -0.61 0.00	31.99 -0.65 0.00	30.68 -0.79 0.00	30.05 -0.71 0.00	28.09 -0.63 0.00	29.30 -0.72 0.00	27.61 -0.42 0.00	29.47 -0.48 0.00	33.93 -0.03 0.00	31.76 -0.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.06 -0.55 0.00	25.23 -0.75 0.00	24.58 -0.76 0.00	22.66 -0.99 0.00	21.72 -0.95 -0.03	23.43 -0.67 0.00	25.32 -0.91 -0.15	27.07 -1.49 -0.45	30.21 -1.57 -0.43	32.69 -1.86 -0.08	33.98 -1.23 0.03	35.95 -1.23 0.03	31.54 -0.69 -0.96	30.72 -0.62 -1.85	34.88 -0.68 -1.41	34.74 -0.59 -2.68	34.56 -0.19 -3.29	35.03 -0.25 -4.52	32.64 -0.29 -4.20	32.68 -0.06 -2.73	30.69 0.34 -2.32	31.50 0.27 -1.29	32.36 -1.39 0.21	31.26 -0.64 -0.08
EMPIRE_CC_1 323656	28.80 1.19 0.00	27.07 1.09 0.00	26.38 1.04 0.00	24.65 0.99 0.00	23.84 0.97 -0.23	25.09 0.99 0.00	28.41 1.12 -1.20	32.81 1.07 -3.64	36.04 1.22 -3.47	36.46 1.31 -0.68	36.52 1.27 0.00	38.52 1.30 0.00	42.30 1.28 -9.74	45.63 1.21 -14.94	46.93 1.43 -11.34	55.59 1.31 -21.64	59.22 1.26 -26.50	68.44 1.23 -36.45	65.34 1.15 -35.46	58.90 1.23 -27.65	52.62 1.04 -23.55	44.10 1.11 -13.04	37.64 1.22 -2.45	34.27 1.31 -1.15
EMPIRE_CC_2 323658	28.80 1.19 0.00	27.07 1.09 0.00	26.38 1.04 0.00	24.65 0.99 0.00	23.84 0.97 -0.23	25.09 0.99 0.00	28.41 1.12 -1.20	32.81 1.07 -3.64	36.04 1.22 -3.47	36.46 1.31 -0.68	36.52 1.27 0.00	38.52 1.30 0.00	42.30 1.28 -9.74	45.63 1.21 -14.94	46.93 1.43 -11.34	55.59 1.31 -21.64	59.22 1.26 -26.50	68.44 1.23 -36.45	65.34 1.15 -35.46	58.90 1.23 -27.65	52.62 1.04 -23.55	44.10 1.11 -13.04	37.64 1.22 -2.45	34.27 1.31 -1.15
ENORWICH_115KV_TB1 80156	29.41 1.79 0.00	27.41 1.43 0.00	26.71 1.37 0.00	24.93 1.28 0.00	23.82 1.13 -0.05	25.50 1.40 0.00	28.26 1.90 -0.27	30.91 2.00 -0.81	34.13 2.01 -0.78	36.89 2.27 -0.15	37.67 2.43 0.01	39.89 2.68 0.01	36.21 2.47 -2.47	35.00 2.18 -3.33	39.32 2.63 -2.53	39.82 2.35 -4.83	39.99 2.61 -5.91	41.57 2.68 -8.13	39.42 2.56 -8.14	39.99 2.97 -7.00	36.99 3.00 -5.96	36.42 3.17 -3.30	37.26 2.79 -0.51	34.62 2.51 -0.28

ERIE_ST__34_KV_TB1-2 80199	27.23 -0.39 0.00	25.36 -0.62 0.00	24.71 -0.63 0.00	22.78 -0.88 0.00	21.76 -0.91 -0.03	23.55 -0.55 0.00	25.09 -1.15 -0.15	26.94 -1.63 -0.47	30.10 -1.69 -0.45	32.59 -1.96 -0.09	34.23 -0.99 0.03	36.33 -0.86 0.03	31.93 -0.34 -1.00	30.67 -0.74 -1.92	34.83 -0.79 -1.46	34.71 -0.72 -2.78	34.59 -0.28 -3.41	35.08 -0.37 -4.69	32.71 -0.37 -4.36	33.13 0.27 -2.84	31.04 0.59 -2.42	31.86 0.57 -1.34	32.22 -1.56 0.18	31.49 -0.41 -0.09
ERIE_WT_PWR 323693	27.23 -0.39 0.00	25.41 -0.57 0.00	24.76 -0.58 0.00	22.75 -0.90 0.00	21.81 -0.86 -0.03	23.55 -0.55 0.00	25.35 -0.89 -0.15	27.22 -1.35 -0.46	30.19 -1.60 -0.44	32.69 -1.86 -0.09	34.16 -1.06 0.03	36.18 -1.00 0.03	31.79 -0.47 -0.99	30.85 -0.53 -1.90	35.02 -0.58 -1.44	34.90 -0.49 -2.75	34.73 -0.09 -3.36	35.23 -0.15 -4.63	32.83 -0.20 -4.30	32.97 0.15 -2.80	30.95 0.53 -2.38	31.75 0.48 -1.32	32.48 -1.29 0.19	31.43 -0.48 -0.09
ESPRGFLD_115KV_TB1 80157	29.38 1.77 0.00	27.57 1.58 0.00	26.86 1.52 0.00	25.07 1.42 0.00	23.92 1.34 0.05	25.62 1.52 0.00	27.64 1.83 0.28	29.21 1.94 0.84	32.68 2.13 0.80	36.73 2.41 0.16	37.79 2.54 0.00	39.93 2.72 0.00	47.69 2.44 -13.98	28.23 2.18 3.44	34.12 2.56 2.61	30.08 2.42 4.98	27.89 2.52 6.09	24.87 2.49 8.38	35.64 2.36 -4.56	72.27 2.58 -39.67	64.26 2.44 -33.79	51.29 2.64 -18.70	40.00 2.51 -3.52	35.76 2.29 -1.65
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.11 0.50 0.00	26.27 0.29 0.00	25.57 0.23 0.00	23.84 0.19 0.00	22.84 0.16 -0.04	24.40 0.29 0.00	26.76 0.47 -0.20	29.11 0.39 -0.61	32.33 0.41 -0.58	34.96 0.38 -0.11	35.77 0.53 0.01	37.80 0.60 0.01	33.41 0.72 -1.42	32.56 0.59 -2.49	36.80 0.75 -1.89	36.96 0.72 -3.60	36.69 0.82 -4.41	37.66 0.83 -6.07	35.30 0.83 -5.74	35.03 0.99 -4.02	32.52 1.07 -3.42	33.01 1.17 -1.90	34.92 0.71 -0.24	32.71 0.73 -0.16
ETNA____115KV_TB2 80207	28.11 0.50 0.00	26.27 0.29 0.00	25.57 0.23 0.00	23.84 0.19 0.00	22.84 0.16 -0.04	24.40 0.29 0.00	26.76 0.47 -0.20	29.11 0.39 -0.61	32.33 0.41 -0.58	34.96 0.38 -0.11	35.77 0.53 0.01	37.80 0.60 0.01	33.41 0.72 -1.42	32.56 0.59 -2.49	36.80 0.75 -1.89	36.96 0.72 -3.60	36.69 0.82 -4.41	37.66 0.83 -6.07	35.30 0.83 -5.74	35.03 0.99 -4.02	32.52 1.07 -3.42	33.01 1.17 -1.90	34.92 0.71 -0.24	32.71 0.73 -0.16
EUCLID____115KV_TB2 356179	27.17 -0.44 0.00	25.44 -0.55 0.00	24.79 -0.56 0.00	23.11 -0.54 0.00	22.14 -0.52 -0.01	23.62 -0.48 0.00	25.77 -0.39 -0.08	27.81 -0.53 -0.24	30.98 -0.60 -0.23	33.86 -0.65 -0.04	34.67 -0.56 0.02	36.60 -0.60 0.02	30.96 -0.31 0.00	30.17 -0.29 -0.98	34.57 -0.34 -0.75	33.78 -0.29 -1.43	32.96 -0.25 -1.75	32.88 -0.28 -2.40	30.30 -0.26 -1.83	29.75 -0.27 0.00	27.89 -0.14 0.00	29.80 -0.15 0.00	33.16 0.27 0.00	31.29 -0.51 0.02
E_CANADA_CAP_HY 24051	30.04 2.43 0.00	28.27 2.29 0.00	27.47 2.13 0.00	25.66 2.01 0.00	24.82 1.88 -0.30	26.18 2.07 0.00	30.07 2.40 -1.58	35.44 2.53 -4.80	38.66 2.73 -4.59	38.36 3.00 -0.89	38.42 3.17 0.00	40.56 3.35 0.00	51.60 2.94 -17.39	51.72 2.50 -19.73	52.14 3.01 -14.97	64.07 2.84 -28.58	69.38 2.93 -34.99	81.86 2.95 -48.14	81.98 2.87 -50.38	82.46 3.09 -49.35	73.06 3.00 -42.03	56.54 3.32 -23.27	41.67 3.33 -4.37	36.86 2.99 -2.05
E_CANADA_MHWK_HY 24050	27.56 -0.06 0.00	25.80 -0.18 0.00	25.19 -0.15 0.00	23.53 -0.12 0.00	22.55 -0.09 0.00	24.01 -0.10 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.44 0.22 0.00	31.52 0.25 0.00	29.63 0.15 0.00	34.30 0.14 0.00	32.74 0.10 0.00	31.62 0.16 0.00	30.91 0.15 0.00	28.84 0.12 0.00	30.17 0.15 0.00	28.11 0.08 0.00	30.07 0.12 0.00	34.03 0.07 0.00	31.85 0.03 0.00
E_FISHKILL____LBMP 23776	29.21 1.60 0.00	27.41 1.43 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.17 1.34 -0.19	25.43 1.33 0.00	28.65 1.57 -1.00	32.89 1.74 -3.04	36.23 1.97 -2.91	37.27 2.24 -0.57	37.36 2.11 0.00	39.45 2.23 0.00	40.00 2.28 -6.45	44.31 2.33 -12.49	46.27 2.63 -9.48	53.38 2.64 -18.10	76.94 2.61 -42.87	69.81 2.55 -36.50	59.37 2.33 -28.32	50.68 2.37 -18.29	45.37 1.77 -15.58	40.34 1.77 -8.62	37.46 1.87 -1.62	34.36 1.78 -0.76
FALCON____SEABRD_CC1 323796	27.89 0.28 0.00	26.37 0.39 0.00	25.72 0.38 0.00	24.03 0.38 0.00	22.98 0.34 0.00	24.47 0.36 0.00	26.24 0.16 0.00	28.33 0.22 0.00	31.60 0.25 0.00	34.68 0.21 0.00	35.50 0.25 0.00	37.48 0.26 0.00	31.02 -0.25 0.00	29.25 -0.24 0.00	33.89 -0.27 0.00	32.29 -0.36 0.00	30.93 -0.54 0.00	30.30 -0.46 0.00	28.35 -0.37 0.00	29.57 -0.45 0.00	27.92 -0.11 0.00	29.80 -0.15 0.00	34.27 0.31 0.00	32.04 0.22 0.00
FALCON____SEABRD_CC2 323797	27.89 0.28 0.00	26.37 0.39 0.00	25.72 0.38 0.00	24.03 0.38 0.00	22.98 0.34 0.00	24.47 0.36 0.00	26.24 0.16 0.00	28.33 0.22 0.00	31.60 0.25 0.00	34.68 0.21 0.00	35.50 0.25 0.00	37.48 0.26 0.00	31.02 -0.25 0.00	29.25 -0.24 0.00	33.89 -0.27 0.00	32.29 -0.36 0.00	30.93 -0.54 0.00	30.30 -0.46 0.00	28.35 -0.37 0.00	29.57 -0.45 0.00	27.92 -0.11 0.00	29.80 -0.15 0.00	34.27 0.31 0.00	32.04 0.22 0.00
FAR ROCKAWAY____4 23548	35.62 2.76 -5.25	33.46 2.47 -5.01	32.17 2.48 -4.34	27.69 2.29 -1.74	28.79 2.24 -3.91	28.41 2.29 -2.02	31.00 2.63 -2.28	35.01 2.92 -3.98	39.08 3.29 -4.44	40.25 3.48 -2.30	46.70 3.24 -8.21	47.11 3.46 -6.43	49.30 3.41 -14.62	61.56 3.48 -28.60	72.68 3.96 -34.55	75.28 4.02 -38.62	119.67 3.96 -84.24	71.19 3.84 -36.59	60.66 3.53 -28.40	59.89 3.60 -26.27	57.08 2.80 -26.25	48.65 2.82 -15.89	46.45 3.09 -9.39	44.38 2.99 -9.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.57 1.96 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.68 3.04 -12.16	46.81 3.42 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.90 3.06 -17.82	45.42 2.21 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.72 2.16 -0.74
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.57 1.96 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.46 1.63 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.68 3.04 -12.16	46.81 3.42 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.90 3.06 -17.82	45.45 2.24 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.72 2.16 -0.74
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.55 1.93 0.00	27.70 1.71 0.00	27.12 1.77 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.26 2.19 -2.96	36.68 2.51 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.08 2.87 0.00	40.49 2.94 -6.28	44.65 3.01 -12.16	46.77 3.38 -9.23	53.78 3.53 -17.61	77.23 3.49 -42.28	69.80 3.35 -35.69	59.34 3.04 -27.57	50.87 3.03 -17.82	45.39 2.19 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.69 2.13 -0.74

FARRAGUT___LBMP 323566	29.52 1.91 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.26 1.61 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.81 2.79 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.62 2.98 -12.16	46.74 3.35 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.51 2.16 -8.40	37.82 2.28 -1.58	34.66 2.10 -0.74
FENNER___WINDPWR 24204	28.05 0.44 0.00	26.27 0.29 0.00	25.57 0.23 0.00	23.84 0.19 0.00	22.82 0.16 -0.02	24.35 0.24 0.00	26.64 0.44 -0.11	28.89 0.45 -0.33	32.14 0.47 -0.32	35.08 0.55 -0.06	35.91 0.67 0.01	37.95 0.74 0.01	32.72 0.78 -0.66	31.53 0.68 -1.37	36.02 0.82 -1.04	35.37 0.75 -1.98	34.70 0.82 -2.42	34.89 0.80 -3.33	32.53 0.75 -3.06	32.77 0.87 -1.88	30.53 0.90 -1.60	31.79 0.96 -0.89	34.74 0.71 -0.06	32.53 0.64 -0.07
FIBERTEK___ENERGY 23856	27.53 -0.08 0.00	25.72 -0.26 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.08 -0.10 -0.09	28.19 -0.20 -0.28	31.43 -0.19 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -1.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
FITZPATRICK____ 23598	26.79 -0.83 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.82 -0.83 0.00	21.86 -0.79 -0.01	23.29 -0.82 0.00	25.33 -0.81 -0.06	27.35 -0.93 -0.17	30.48 -1.03 -0.16	33.33 -1.17 -0.03	34.12 -1.13 0.00	36.06 -1.15 0.00	30.43 -0.84 0.00	29.39 -0.79 -0.71	33.78 -0.92 -0.53	32.79 -0.88 -1.02	31.90 -0.82 -1.25	31.68 -0.80 -1.72	29.29 -0.75 -1.31	29.24 -0.78 0.00	27.39 -0.64 0.00	29.26 -0.69 0.00	32.91 -1.05 0.00	30.83 -0.99 0.00
FLOWRFLD_69_KV_BK1 356044	35.96 3.09 -5.25	33.91 2.91 -5.02	32.63 2.94 -4.35	28.09 2.70 -1.74	29.18 2.63 -3.91	28.83 2.70 -2.02	31.42 3.05 -2.28	35.52 3.43 -3.99	39.67 3.89 -4.44	41.12 4.34 -2.31	47.51 4.05 -8.21	63.01 4.32 -21.47	68.16 3.97 -32.92	61.90 3.80 -28.61	72.97 4.24 -34.57	80.19 4.31 -43.24	126.64 4.25 -90.93	220.17 4.18 -185.23	179.70 3.82 -147.15	117.06 3.90 -83.14	61.42 3.14 -30.25	55.96 3.38 -22.63	47.09 3.74 -9.39	44.89 3.50 -9.57
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.52 1.91 0.00	27.62 1.64 0.00	26.99 1.65 0.00	25.21 1.56 0.00	24.32 1.49 -0.19	25.60 1.49 0.00	28.84 1.77 -0.98	32.96 1.88 -2.97	36.35 2.16 -2.84	37.50 2.48 -0.55	37.72 2.47 0.00	39.82 2.60 0.00	40.26 2.63 -6.36	44.27 2.56 -12.22	46.27 2.84 -9.27	53.25 2.91 -17.70	56.03 2.89 -21.67	63.43 2.86 -29.81	59.08 2.61 -27.74	50.73 2.67 -18.04	45.42 2.02 -15.37	40.55 2.10 -8.51	37.77 2.21 -1.60	34.67 2.10 -0.75
FORT ORANGE____ 23900	28.80 1.19 0.00	27.05 1.07 0.00	26.33 0.99 0.00	24.62 0.97 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.43 1.10 -1.24	32.72 0.84 -3.77	35.96 1.00 -3.60	36.31 1.14 -0.70	36.34 1.09 0.00	38.33 1.12 0.00	45.69 1.09 -13.32	45.99 1.00 -15.50	47.12 1.20 -11.76	56.17 1.08 -22.45	60.02 1.07 -27.49	69.62 1.05 -37.82	69.01 0.98 -39.31	68.85 1.02 -37.81	61.07 0.84 -32.20	48.73 0.96 -17.83	38.37 1.05 -3.35	34.67 1.27 -1.57
FORT_DRUM_COGEN 23780	27.61 0.00 0.00	25.98 0.00 0.00	25.29 -0.05 0.00	23.65 0.00 0.00	22.51 -0.14 -0.01	24.01 -0.10 0.00	26.13 0.00 -0.05	28.25 0.00 -0.15	31.33 -0.16 -0.14	34.36 -0.14 -0.03	35.15 -0.11 -0.01	37.18 -0.04 -0.01	31.08 -0.19 0.00	29.88 -0.21 -0.60	34.38 -0.24 -0.45	33.12 -0.39 -0.87	32.21 -0.31 -1.06	32.07 -0.15 -1.46	29.87 0.03 -1.12	30.26 0.24 0.00	28.51 0.48 0.00	30.52 0.57 0.00	34.68 0.61 -0.10	32.18 0.35 -0.01
FPL_FAR_ROCK_GT1 24212	35.63 2.76 -5.25	33.51 2.52 -5.01	32.15 2.46 -4.34	27.69 2.29 -1.74	28.77 2.22 -3.91	28.42 2.29 -2.02	31.00 2.63 -2.28	35.04 2.95 -3.98	39.08 3.29 -4.44	40.56 3.79 -2.30	46.66 3.21 -8.21	47.11 3.46 -6.43	49.30 3.41 -14.62	61.56 3.48 -28.60	72.68 3.96 -34.55	75.28 4.01 -38.62	119.67 3.96 -84.24	71.19 3.84 -36.59	60.66 3.53 -28.40	59.89 3.60 -26.27	57.08 2.80 -26.25	48.65 2.81 -15.89	46.45 3.09 -9.39	44.39 2.99 -9.58
FPL_FAR_ROCK_GT2 23815	35.63 2.76 -5.25	33.51 2.52 -5.01	32.15 2.46 -4.34	27.69 2.29 -1.74	28.77 2.22 -3.91	28.42 2.29 -2.02	31.00 2.63 -2.28	35.04 2.95 -3.98	39.08 3.29 -4.44	40.56 3.79 -2.30	46.66 3.21 -8.21	47.11 3.46 -6.43	49.30 3.41 -14.62	61.56 3.48 -28.60	72.68 3.96 -34.55	75.28 4.01 -38.62	119.67 3.96 -84.24	71.19 3.84 -36.59	60.66 3.53 -28.40	59.89 3.60 -26.27	57.08 2.80 -26.25	48.65 2.81 -15.89	46.45 3.09 -9.39	44.39 2.99 -9.58
FRANKLIN_FALL_HYD 24054	27.75 0.14 0.00	26.29 0.31 0.00	25.55 0.20 0.00	23.89 0.24 0.00	22.80 0.16 0.00	24.25 0.14 0.00	25.98 -0.10 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.58 -0.69 0.00	28.80 -0.68 0.00	33.41 -0.75 0.00	31.80 -0.85 0.00	30.39 -1.07 0.00	29.81 -0.95 0.00	27.89 -0.83 0.00	29.09 -0.93 0.00	27.53 -0.50 0.00	29.41 -0.54 0.00	34.07 0.10 0.00	31.85 0.03 0.00
FREEPORT_EQUS_GT1 23764	35.43 2.57 -5.25	33.36 2.36 -5.02	32.02 2.33 -4.35	27.57 2.17 -1.74	28.66 2.11 -3.91	28.30 2.17 -2.02	30.85 2.48 -2.28	34.88 2.78 -3.99	38.89 3.10 -4.44	40.29 3.52 -2.31	46.74 3.28 -8.21	47.10 3.35 -6.54	49.17 3.28 -14.62	61.41 3.33 -28.60	72.51 3.79 -34.55	75.12 3.85 -38.62	119.51 3.81 -84.24	72.13 3.72 -37.65	61.12 3.42 -28.98	59.77 3.48 -26.27	56.97 2.69 -26.25	48.69 2.85 -15.89	46.45 3.09 -9.39	44.29 2.90 -9.57
FREEPORT___CT2 23818	35.43 2.57 -5.25	33.36 2.36 -5.02	32.02 2.33 -4.35	27.57 2.17 -1.74	28.66 2.11 -3.91	28.30 2.17 -2.02	30.85 2.48 -2.28	34.88 2.78 -3.99	38.89 3.10 -4.44	40.29 3.52 -2.31	46.74 3.28 -8.21	47.10 3.35 -6.54	49.17 3.28 -14.62	61.41 3.33 -28.60	72.51 3.79 -34.55	75.12 3.85 -38.62	119.51 3.81 -84.24	72.13 3.72 -37.65	61.12 3.42 -28.98	59.77 3.48 -26.27	56.97 2.69 -26.25	48.69 2.85 -15.89	46.45 3.09 -9.39	44.29 2.90 -9.57
FRESHKLS_33_KV_LOAD 356253	29.77 2.15 0.00	27.88 1.90 0.00	27.27 1.93 0.00	25.38 1.73 0.00	24.50 1.68 -0.19	25.70 1.59 0.00	28.86 1.80 -0.98	31.15 2.11 -0.93	31.52 2.38 2.21	31.68 2.79 5.58	31.54 2.57 6.28	31.59 2.83 8.46	32.57 2.97 1.68	33.64 3.04 -1.12	35.25 3.35 2.25	36.46 3.69 -0.12	38.82 3.65 -3.71	36.61 3.51 -2.35	36.58 3.19 -4.67	34.45 3.12 -1.31	33.09 2.16 -2.91	31.52 2.22 0.64	34.27 2.48 2.18	32.39 2.26 1.68
FULTON COGEN____ 23766	27.01 -0.61 0.00	25.31 -0.68 0.00	24.63 -0.71 0.00	22.99 -0.66 0.00	22.02 -0.63 -0.01	23.48 -0.63 0.00	25.61 -0.55 -0.07	27.66 -0.67 -0.22	30.84 -0.72 -0.21	33.65 -0.86 -0.04	34.50 -0.78 -0.03	36.42 -0.82 -0.03	30.77 -0.50 0.00	29.90 -0.50 -0.92	34.28 -0.58 -0.70	33.43 -0.55 -1.34	32.60 -0.50 -1.64	32.52 -0.49 -2.25	30.04 -0.40 -1.72	29.60 -0.42 0.00	27.75 -0.28 0.00	29.68 -0.27 0.00	33.66 -0.68 -0.37	31.21 -0.64 -0.03

FULTON___LFGE 323630	31.34 3.73 0.00	28.94 2.96 0.00	28.06 2.71 0.00	26.23 2.58 0.00	25.35 2.42 -0.28	26.78 2.68 0.00	31.12 3.55 -1.49	36.24 3.63 -4.50	39.48 3.82 -4.30	39.30 4.00 -0.84	39.51 4.26 0.00	41.60 4.39 0.00	53.87 3.75 -18.85	51.21 3.21 -18.51	52.17 3.96 -14.05	63.31 3.85 -26.81	68.41 4.12 -32.83	80.20 4.27 -45.16	82.20 4.22 -49.25	88.06 4.56 -53.48	78.18 4.60 -45.55	60.14 4.97 -25.22	43.77 5.06 -4.74	38.59 4.55 -2.23
G.F.CEMENT___DRP 24184	29.74 2.13 0.00	27.80 1.82 0.00	27.12 1.77 0.00	25.36 1.70 0.00	24.50 1.61 -0.25	25.82 1.71 0.00	29.37 1.98 -1.30	34.13 2.08 -3.94	37.59 2.48 -3.77	37.99 2.79 -0.73	38.10 2.86 0.00	40.15 2.94 0.00	53.86 2.53 -20.06	47.78 2.09 -16.21	49.02 2.56 -12.30	58.50 2.38 -23.48	62.57 2.36 -28.74	72.52 2.21 -39.54	76.90 2.27 -45.90	89.31 2.37 -56.92	79.09 2.58 -48.48	59.54 2.76 -26.84	41.87 2.85 -5.05	36.86 2.67 -2.37
GARDENVILLE___LBMP 24039	27.14 -0.47 0.00	25.28 -0.70 0.00	24.63 -0.71 0.00	22.73 -0.92 0.00	21.76 -0.91 -0.03	23.50 -0.60 0.00	25.32 -0.91 -0.15	27.13 -1.43 -0.46	30.25 -1.54 -0.44	32.76 -1.79 -0.09	34.09 -1.13 0.03	36.07 -1.12 0.03	31.66 -0.59 -0.98	30.78 -0.59 -1.89	34.95 -0.65 -1.43	34.83 -0.55 -2.74	34.66 -0.16 -3.35	35.15 -0.22 -4.61	32.76 -0.26 -4.29	32.87 0.06 -2.79	30.83 0.42 -2.38	31.62 0.36 -1.31	32.41 -1.36 0.20	31.33 -0.57 -0.08
GARDNVLA_35_KV_LD 355827	27.23 -0.39 0.00	25.38 -0.60 0.00	24.71 -0.63 0.00	22.80 -0.85 0.00	21.81 -0.86 -0.03	23.58 -0.53 0.00	25.40 -0.83 -0.15	27.19 -1.38 -0.46	30.35 -1.44 -0.44	32.83 -1.72 -0.09	34.23 -0.99 0.03	36.22 -0.97 0.03	31.82 -0.44 -0.99	30.91 -0.47 -1.90	35.09 -0.51 -1.44	34.94 -0.46 -2.75	34.80 -0.03 -3.37	35.30 -0.09 -4.64	32.89 -0.14 -4.31	33.04 0.21 -2.81	30.98 0.56 -2.39	31.78 0.51 -1.32	32.52 -1.26 0.19	31.49 -0.41 -0.09
GELCKHM___115KV_LOAD 80723	27.28 -0.33 0.00	25.54 -0.44 0.00	24.89 -0.46 0.00	23.20 -0.45 0.00	22.23 -0.43 -0.02	23.70 -0.41 0.00	25.86 -0.31 -0.08	27.94 -0.42 -0.26	31.12 -0.47 -0.24	34.00 -0.52 -0.05	34.81 -0.42 0.01	36.79 -0.41 0.01	31.12 -0.16 0.00	30.36 -0.18 -1.05	34.79 -0.17 -0.80	34.01 -0.16 -1.52	33.20 -0.13 -1.87	33.17 -0.15 -2.57	30.54 -0.14 -1.96	29.87 -0.15 0.00	28.00 -0.03 0.00	29.92 -0.03 0.00	33.39 -0.41 0.17	31.42 -0.38 0.01
GENERAL___MILLS 23808	27.20 -0.41 0.00	25.33 -0.65 0.00	24.68 -0.66 0.00	22.78 -0.88 0.00	21.79 -0.88 -0.03	23.53 -0.58 0.00	25.35 -0.89 -0.15	27.13 -1.43 -0.46	30.28 -1.50 -0.44	32.80 -1.76 -0.09	34.16 -1.06 0.03	36.14 -1.04 0.03	31.76 -0.50 -0.99	30.82 -0.56 -1.90	34.99 -0.61 -1.44	34.87 -0.52 -2.75	34.70 -0.13 -3.36	35.20 -0.18 -4.63	32.83 -0.20 -4.31	32.94 0.12 -2.80	30.92 0.50 -2.39	31.72 0.45 -1.32	32.45 -1.32 0.19	31.43 -0.48 -0.09
GE_PLASTICS___DRP 24183	28.66 1.05 0.00	26.89 0.91 0.00	26.26 0.91 0.00	24.53 0.88 0.00	23.74 0.86 -0.24	24.95 0.84 0.00	28.32 0.99 -1.24	32.89 1.01 -3.77	36.08 1.13 -3.61	36.41 1.24 -0.70	36.48 1.23 0.00	38.48 1.27 0.00	44.63 1.25 -12.11	46.18 1.18 -15.52	47.30 1.37 -11.77	56.42 1.31 -22.47	60.24 1.26 -27.51	69.84 1.23 -37.85	68.23 1.12 -38.38	65.58 1.20 -34.36	58.28 0.98 -29.27	47.20 1.05 -16.20	38.17 1.15 -3.05	34.39 1.15 -1.43
GILBOA___1 23756	28.58 0.97 0.00	26.86 0.88 0.00	26.21 0.86 0.00	24.46 0.80 0.00	23.61 0.79 -0.18	24.90 0.79 0.00	28.01 0.97 -0.96	32.02 1.01 -2.90	35.28 1.16 -2.77	36.28 1.28 -0.54	36.48 1.23 0.00	38.48 1.27 0.00	38.30 1.28 -5.75	42.65 1.24 -11.93	44.65 1.43 -9.05	51.26 1.34 -17.28	53.88 1.26 -21.15	61.06 1.20 -29.10	56.56 1.12 -26.72	47.58 1.26 -16.30	42.95 1.04 -13.89	38.71 1.08 -7.69	36.53 1.12 -1.45	33.64 1.14 -0.68
GILBOA___2 23757	28.58 0.97 0.00	26.86 0.88 0.00	26.21 0.86 0.00	24.46 0.80 0.00	23.61 0.79 -0.18	24.90 0.79 0.00	28.01 0.97 -0.96	32.02 1.01 -2.90	35.28 1.16 -2.77	36.28 1.28 -0.54	36.48 1.23 0.00	38.48 1.27 0.00	38.30 1.28 -5.75	42.65 1.24 -11.93	44.65 1.43 -9.05	51.26 1.34 -17.28	53.88 1.26 -21.15	61.06 1.20 -29.10	56.56 1.12 -26.72	47.58 1.26 -16.30	42.95 1.04 -13.89	38.71 1.08 -7.69	36.53 1.12 -1.45	33.64 1.14 -0.68
GILBOA___3 23758	28.58 0.97 0.00	26.86 0.88 0.00	26.21 0.86 0.00	24.46 0.80 0.00	23.61 0.79 -0.18	24.90 0.79 0.00	28.01 0.97 -0.96	32.02 1.01 -2.90	35.28 1.16 -2.77	36.28 1.28 -0.54	36.48 1.23 0.00	38.48 1.27 0.00	38.30 1.28 -5.75	42.65 1.24 -11.93	44.65 1.43 -9.05	51.26 1.34 -17.28	53.88 1.26 -21.15	61.06 1.20 -29.10	56.56 1.12 -26.72	47.58 1.26 -16.30	42.95 1.04 -13.89	38.71 1.08 -7.69	36.53 1.12 -1.45	33.64 1.14 -0.68
GILBOA___4 23759	28.58 0.97 0.00	26.86 0.88 0.00	26.21 0.86 0.00	24.46 0.80 0.00	23.61 0.79 -0.18	24.90 0.79 0.00	28.01 0.97 -0.96	32.02 1.01 -2.90	35.28 1.16 -2.77	36.28 1.28 -0.54	36.48 1.23 0.00	38.48 1.27 0.00	38.30 1.28 -5.75	42.65 1.24 -11.93	44.65 1.43 -9.05	51.26 1.34 -17.28	53.88 1.26 -21.15	61.06 1.20 -29.10	56.56 1.12 -26.72	47.58 1.26 -16.30	42.95 1.04 -13.89	38.71 1.08 -7.69	36.53 1.12 -1.45	33.64 1.14 -0.68
GILBOA___ 23599	28.61 0.99 0.00	26.84 0.86 0.00	26.20 0.86 0.00	24.46 0.80 0.00	23.62 0.79 -0.18	24.90 0.80 0.00	28.01 0.97 -0.96	32.02 1.01 -2.90	35.25 1.13 -2.77	36.25 1.24 -0.54	36.48 1.23 0.00	38.48 1.27 0.00	38.30 1.28 -5.75	42.65 1.24 -11.93	44.65 1.43 -9.05	51.26 1.34 -17.28	53.88 1.26 -21.15	61.06 1.20 -29.10	56.56 1.12 -26.72	47.58 1.26 -16.30	42.95 1.04 -13.89	38.71 1.08 -7.69	36.53 1.12 -1.45	33.61 1.11 -0.68
GINNA___ 23603	26.18 -1.44 0.00	24.50 -1.48 0.00	23.85 -1.50 0.00	22.12 -1.54 0.00	21.17 -1.50 -0.02	22.61 -1.49 0.00	24.81 -1.38 -0.11	26.75 -1.69 -0.33	29.75 -1.91 -0.31	32.46 -2.07 -0.06	33.34 -1.87 0.04	35.17 -2.01 0.04	30.55 -1.38 -0.65	29.74 -1.09 -1.35	33.89 -1.30 -1.03	33.49 -1.11 -1.96	32.70 -1.16 -2.40	32.89 -1.17 -3.30	30.66 -1.09 -3.03	30.62 -1.26 -1.86	28.80 -0.81 -1.58	29.90 -0.93 -0.88	31.83 -1.77 0.37	30.20 -1.66 -0.04
GLEN PARK___ 23778	27.78 0.17 0.00	26.06 0.08 0.00	25.39 0.05 0.00	23.68 0.02 0.00	22.58 -0.07 -0.01	24.08 -0.02 0.00	26.27 0.13 -0.05	28.37 0.11 -0.15	31.46 -0.03 -0.14	34.50 0.00 -0.03	35.29 0.04 -0.01	37.37 0.15 -0.01	31.27 0.00 0.00	30.07 -0.03 -0.62	34.56 -0.07 -0.47	33.31 -0.23 -0.90	32.40 -0.16 -1.10	32.27 0.00 -1.51	30.11 0.23 -1.15	30.50 0.48 0.00	28.76 0.73 0.00	30.76 0.81 0.00	34.89 0.81 -0.11	32.33 0.51 -0.01
GLENDALE_27_KV_LOAD 356172	29.79 2.18 0.00	27.90 1.92 0.00	27.29 1.95 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.87 1.76 0.00	29.12 2.06 -0.98	33.45 2.39 -2.96	36.84 2.66 -2.83	38.05 3.03 -0.55	38.17 2.93 0.00	40.38 3.16 0.00	40.77 3.22 -6.28	44.92 3.27 -12.16	47.01 3.62 -9.23	54.11 3.85 -17.61	77.55 3.81 -42.28	70.11 3.66 -35.69	59.57 3.27 -27.57	51.08 3.24 -17.82	45.56 2.35 -15.18	40.78 2.43 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74

GLENWOOD_IC_1_G5 23712	35.13 2.26 -5.25	33.05 2.05 -5.02	31.77 2.08 -4.35	27.31 1.92 -1.74	28.43 1.88 -3.91	28.03 1.90 -2.02	30.58 2.22 -2.28	34.59 2.50 -3.99	38.64 2.85 -4.44	39.81 3.03 -2.31	46.42 2.96 -8.21	46.87 3.13 -6.53	49.02 3.13 -14.62	61.27 3.18 -28.60	72.34 3.62 -34.55	74.92 3.66 -38.62	119.32 3.62 -84.24	71.87 3.51 -37.60	60.89 3.22 -28.95	59.53 3.24 -26.27	56.71 2.44 -26.25	48.29 2.46 -15.89	45.94 2.58 -9.39	43.78 2.39 -9.57
GLENWOOD_IC_2_G1 23688	34.94 2.07 -5.25	32.89 1.90 -5.01	31.56 1.88 -4.34	27.17 1.77 -1.74	28.27 1.72 -3.91	27.86 1.74 -2.02	30.40 2.04 -2.28	34.40 2.31 -3.98	38.39 2.60 -4.44	39.70 2.93 -2.30	46.28 2.82 -8.21	46.62 2.98 -6.43	48.89 3.00 -14.62	61.12 3.04 -28.60	72.16 3.45 -34.55	74.79 3.53 -38.62	119.16 3.46 -84.24	70.70 3.35 -36.59	60.20 3.08 -28.40	59.41 3.12 -26.27	56.63 2.35 -26.25	48.20 2.37 -15.89	45.87 2.51 -9.39	43.75 2.35 -9.57
GLENWOOD_IC_3_G1 23689	34.94 2.07 -5.25	32.89 1.90 -5.01	31.56 1.88 -4.34	27.17 1.77 -1.74	28.27 1.72 -3.91	27.86 1.74 -2.02	30.40 2.04 -2.28	34.40 2.31 -3.98	38.39 2.60 -4.44	39.70 2.93 -2.30	46.28 2.82 -8.21	46.62 2.98 -6.43	48.89 3.00 -14.62	61.12 3.04 -28.60	72.16 3.45 -34.55	74.79 3.53 -38.62	119.16 3.46 -84.24	70.70 3.35 -36.59	60.20 3.08 -28.40	59.41 3.12 -26.27	56.63 2.35 -26.25	48.20 2.37 -15.89	45.87 2.51 -9.39	43.75 2.35 -9.57
GLENWOOD___4 23550	35.13 2.26 -5.25	33.05 2.05 -5.02	31.77 2.08 -4.35	27.31 1.92 -1.74	28.43 1.88 -3.91	28.03 1.90 -2.02	30.58 2.22 -2.28	34.59 2.50 -3.99	38.64 2.85 -4.44	39.88 3.10 -2.31	46.49 3.03 -8.21	46.95 3.20 -6.53	49.08 3.19 -14.62	61.32 3.24 -28.60	72.40 3.69 -34.55	75.02 3.75 -38.62	119.38 3.68 -84.24	71.96 3.60 -37.60	60.95 3.27 -28.95	59.59 3.30 -26.27	56.80 2.52 -26.25	48.35 2.52 -15.89	46.04 2.68 -9.39	43.87 2.48 -9.57
GLENWOOD___5 23614	35.13 2.26 -5.25	33.05 2.05 -5.02	31.77 2.08 -4.35	27.31 1.92 -1.74	28.43 1.88 -3.91	28.03 1.90 -2.02	30.58 2.22 -2.28	34.59 2.50 -3.99	38.64 2.85 -4.44	39.88 3.10 -2.31	46.49 3.03 -8.21	46.95 3.20 -6.53	49.08 3.19 -14.62	61.32 3.24 -28.60	72.40 3.69 -34.55	75.02 3.75 -38.62	119.38 3.68 -84.24	71.96 3.60 -37.60	60.95 3.27 -28.95	59.59 3.30 -26.27	56.80 2.52 -26.25	48.35 2.52 -15.89	46.04 2.68 -9.39	43.87 2.48 -9.57
GLOBAL GREEN_PORT_GT1 23814	37.31 4.45 -5.25	35.20 4.21 -5.02	33.85 4.16 -4.35	29.20 3.81 -1.74	30.27 3.71 -3.91	29.96 3.83 -2.02	32.75 4.38 -2.28	37.10 5.00 -3.99	41.52 5.74 -4.44	43.01 6.24 -2.31	49.59 6.13 -8.21	61.57 6.62 -17.74	67.78 6.13 -30.38	64.07 5.98 -28.61	75.59 6.87 -34.56	81.53 6.79 -42.09	127.34 6.61 -89.27	185.63 6.55 -148.32	152.36 5.95 -117.68	105.20 6.12 -69.05	62.81 5.10 -29.68	56.89 5.24 -21.70	48.79 5.43 -9.39	46.58 5.19 -9.57
GLOBE___DSASP 323697	26.23 -1.38 0.00	24.47 -1.51 0.00	23.82 -1.52 0.00	21.97 -1.68 0.00	21.24 -1.43 -0.03	22.73 -1.37 0.00	24.79 -1.43 -0.14	26.28 -2.25 -0.42	29.31 -2.45 -0.41	31.72 -2.83 -0.08	32.82 -2.40 0.03	34.61 -2.57 0.03	30.35 -1.81 -0.89	29.75 -1.47 -1.74	33.85 -1.64 -1.32	33.67 -1.50 -2.53	33.43 -1.13 -3.10	33.88 -1.14 -4.26	31.59 -1.09 -3.95	31.45 -1.11 -2.54	29.58 -0.62 -2.16	30.43 -0.72 -1.20	31.44 -2.28 0.25	30.40 -1.50 -0.07
GOETHSLN___LBMP 323567	29.38 1.77 0.00	27.54 1.56 0.00	26.94 1.60 0.00	25.14 1.49 0.00	24.28 1.45 -0.19	25.53 1.42 0.00	28.81 1.75 -0.98	31.04 2.00 -0.94	36.43 2.26 -2.83	31.44 2.55 5.57	37.68 2.43 0.00	39.78 2.57 0.00	32.30 2.69 1.66	33.39 2.77 -1.14	46.50 3.11 -9.23	53.52 3.26 -17.61	76.95 3.21 -42.28	69.55 3.11 -35.69	36.22 2.82 -4.68	34.13 2.79 -1.32	32.91 1.96 -2.92	40.30 1.95 -8.40	33.87 2.07 2.17	32.02 1.88 1.68
GOLAH___69_KV_TB 1_2 80279	27.34 -0.28 0.00	25.54 -0.44 0.00	24.86 -0.48 0.00	23.06 -0.59 0.00	22.10 -0.57 -0.02	23.67 -0.43 0.00	25.89 -0.31 -0.11	27.75 -0.70 -0.35	30.99 -0.69 -0.33	33.71 -0.83 -0.06	34.65 -0.56 0.04	36.58 -0.60 0.04	31.81 -0.16 -0.70	30.96 0.06 -1.42	35.27 0.03 -1.08	34.83 0.13 -2.06	34.23 0.25 -2.52	34.41 0.18 -3.46	32.06 0.14 -3.19	32.09 0.09 -1.98	30.11 0.39 -1.68	31.27 0.39 -0.93	33.12 -0.51 0.34	31.58 -0.29 -0.05
GOODYEAR_LAKE_HYD 323669	28.83 1.21 0.00	27.05 1.07 0.00	26.38 1.04 0.00	24.62 0.97 0.00	23.58 0.91 -0.03	25.14 1.04 0.00	27.53 1.28 -0.17	30.03 1.41 -0.52	33.38 1.54 -0.49	36.36 1.79 -0.10	37.12 1.87 0.00	39.22 2.01 -7.35	40.53 1.91 -2.12	33.37 1.77 -1.61	37.82 2.05 -2.06	37.64 1.93 -3.07	37.17 1.95 -3.76	37.86 1.94 -5.17	40.21 1.78 -9.71	52.80 1.92 -20.86	47.57 1.77 -17.77	41.61 1.83 -9.84	37.55 1.73 -1.85	34.28 1.59 -0.87
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.81 0.19 0.00	25.98 0.00 0.00	25.34 0.00 0.00	23.61 -0.05 0.00	22.63 -0.07 -0.05	24.15 0.05 0.00	26.45 0.08 -0.29	28.94 -0.03 -0.87	32.14 -0.03 -0.83	34.56 -0.07 -0.16	35.38 0.14 0.01	37.43 0.22 0.01	33.78 0.44 -2.07	33.37 0.32 -3.56	37.31 0.44 -2.70	38.22 0.42 -5.15	38.31 0.53 -6.31	39.93 0.49 -8.68	37.43 0.46 -8.25	36.53 0.63 -5.88	33.71 0.67 -5.01	33.44 0.72 -2.77	34.45 0.10 -0.39	32.34 0.29 -0.24
GOUDEY___7 23579	27.83 0.22 0.00	26.01 0.03 0.00	25.37 0.03 0.00	23.61 -0.05 0.00	22.65 -0.05 -0.05	24.18 0.07 0.00	26.48 0.10 -0.29	28.97 0.00 -0.87	32.18 0.00 -0.83	34.59 -0.03 -0.16	35.45 0.21 0.01	37.47 0.26 0.01	33.81 0.47 -2.07	33.39 0.35 -3.56	37.34 0.48 -2.70	38.25 0.46 -5.15	38.34 0.57 -6.31	39.96 0.52 -8.68	37.46 0.49 -8.25	36.56 0.66 -5.88	33.74 0.70 -5.01	33.47 0.75 -2.77	34.49 0.14 -0.39	32.37 0.32 -0.24
GOUDEY___8 23580	27.81 0.19 0.00	25.98 0.00 0.00	25.34 0.00 0.00	23.61 -0.05 0.00	22.63 -0.07 -0.05	24.15 0.05 0.00	26.45 0.08 -0.29	28.94 -0.03 -0.87	32.14 -0.03 -0.83	34.56 -0.07 -0.16	35.38 0.14 0.01	37.43 0.22 0.01	33.78 0.44 -2.07	33.37 0.32 -3.56	37.31 0.44 -2.70	38.22 0.42 -5.15	38.31 0.53 -6.31	39.93 0.49 -8.68	37.43 0.46 -8.25	36.53 0.63 -5.88	33.71 0.67 -5.01	33.44 0.72 -2.77	34.45 0.10 -0.39	32.34 0.29 -0.24
GOWANUS_GT1_1 24077	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT1_2 24078	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74

GOWANUS_GT1_3 24079	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT1_4 24080	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT1_5 24084	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT1_6 24111	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT1_7 24112	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT1_8 24113	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT2_1 24114	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_2 24115	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_3 24116	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_4 24117	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_5 24118	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_6 24119	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_7 24120	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT2_8 24121	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_1 24122	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74

GOWANUS_GT3_2 24123	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_3 24124	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_4 24125	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_5 24126	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_6 24127	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_7 24128	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT3_8 24129	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
GOWANUS_GT4_1 24130	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_2 24131	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_3 24132	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_4 24133	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_5 24134	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_6 24135	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_7 24136	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GOWANUS_GT4_8 24137	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74

GREENBSH_115KV_TB3 55895	28.61 0.99 0.00	26.81 0.83 0.00	26.18 0.84 0.00	24.46 0.80 0.00	23.69 0.82 -0.24	24.88 0.77 0.00	28.28 0.94 -1.25	32.83 0.93 -3.79	36.01 1.03 -3.63	36.31 1.14 -0.71	36.38 1.13 0.00	38.37 1.15 0.00	46.06 1.16 -13.63	46.14 1.06 -15.59	47.26 1.26 -11.83	56.40 1.18 -22.58	60.28 1.16 -27.65	69.94 1.14 -38.04	69.47 1.03 -39.72	69.80 1.11 -38.67	61.86 0.90 -32.94	49.14 0.96 -18.23	38.45 1.05 -3.43	34.48 1.05 -1.61
GREENDGE_115KV_TB5 80291	27.81 0.19 0.00	25.88 -0.10 0.00	25.17 -0.18 0.00	23.42 -0.24 0.00	22.43 -0.25 -0.03	24.06 -0.05 0.00	26.37 0.10 -0.18	28.56 -0.08 -0.54	31.74 -0.13 -0.51	34.09 -0.48 -0.10	35.05 -0.18 0.02	37.08 -0.11 0.02	32.68 0.22 -1.19	31.96 0.27 -2.21	36.04 0.20 -1.68	36.04 0.20 -3.20	35.73 0.35 -3.92	36.49 0.34 -5.39	34.15 0.37 -5.05	33.91 0.51 -3.38	31.77 0.87 -2.88	32.41 0.87 -1.59	33.85 -0.14 -0.02	32.16 0.22 -0.12
GREENIDGE___3 23582	27.81 0.19 0.00	25.88 -0.10 0.00	25.17 -0.18 0.00	23.42 -0.24 0.00	22.43 -0.25 -0.03	24.06 -0.05 0.00	26.37 0.10 -0.18	28.56 -0.08 -0.54	31.74 -0.13 -0.51	34.09 -0.48 -0.10	35.05 -0.18 0.02	37.08 -0.11 0.02	32.68 0.22 -1.19	31.96 0.27 -2.21	36.04 0.20 -1.68	36.04 0.20 -3.20	35.73 0.35 -3.92	36.49 0.34 -5.39	34.15 0.37 -5.05	33.91 0.51 -3.38	31.77 0.87 -2.88	32.41 0.87 -1.59	33.85 -0.14 -0.02	32.16 0.22 -0.12
GREENIDGE___4 23583	27.81 0.19 0.00	25.95 -0.03 0.00	25.22 -0.13 0.00	23.42 -0.24 0.00	22.43 -0.25 -0.03	24.06 -0.05 0.00	26.37 0.10 -0.18	28.56 -0.08 -0.54	31.68 -0.19 -0.51	34.02 -0.55 -0.10	35.05 -0.18 0.02	37.08 -0.11 0.02	32.68 0.22 -1.19	31.96 0.26 -2.21	36.05 0.21 -1.68	36.04 0.20 -3.20	35.73 0.35 -3.92	36.49 0.34 -5.40	34.15 0.37 -5.05	33.91 0.51 -3.38	31.83 0.92 -2.88	32.41 0.87 -1.59	33.86 -0.14 -0.02	32.13 0.19 -0.12
GREENLWN_69_KV_BK 3 55738	35.49 2.62 -5.25	33.42 2.42 -5.02	32.13 2.43 -4.35	27.67 2.27 -1.74	28.75 2.20 -3.92	28.40 2.27 -2.02	30.95 2.58 -2.28	34.94 2.84 -3.99	39.02 3.23 -4.44	40.43 3.65 -2.31	46.92 3.45 -8.21	45.61 3.61 -4.78	46.28 3.35 -11.66	61.44 3.36 -28.59	72.54 3.83 -34.55	74.45 3.95 -37.85	118.49 3.90 -83.13	54.92 3.81 -20.35	45.51 3.50 -13.28	50.40 3.57 -16.81	56.29 2.66 -25.60	47.38 2.64 -14.80	46.48 3.12 -9.39	44.39 2.99 -9.58
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74
GRISSOM___SOLAR 323813	31.34 3.73 0.00	28.94 2.96 0.00	28.06 2.71 0.00	26.23 2.58 0.00	25.35 2.42 -0.28	26.78 2.68 0.00	31.12 3.55 -1.49	36.24 3.63 -4.50	39.48 3.82 -4.30	39.30 4.00 -0.84	39.51 4.26 0.00	41.60 4.39 0.00	53.87 3.75 -18.85	51.21 3.21 -18.51	52.17 3.96 -14.05	63.31 3.85 -26.81	68.41 4.12 -32.83	80.20 4.27 -45.16	82.20 4.22 -49.25	88.06 4.56 -53.48	78.18 4.60 -45.55	60.14 4.97 -25.22	43.77 5.06 -4.74	38.59 4.55 -2.23
GROVEVILLE___HYD 323602	29.52 1.91 0.00	27.62 1.64 0.00	26.99 1.65 0.00	25.21 1.56 0.00	24.32 1.49 -0.19	25.60 1.49 0.00	28.84 1.77 -0.98	32.96 1.88 -2.97	36.35 2.16 -2.84	37.50 2.48 -0.55	37.72 2.47 0.00	39.82 2.60 0.00	40.26 2.63 -6.36	44.27 2.56 -12.22	46.27 2.84 -9.27	53.25 2.91 -17.70	56.03 2.89 -21.67	63.43 2.86 -29.81	59.08 2.61 -27.74	50.73 2.67 -18.04	45.42 2.02 -15.37	40.55 2.10 -8.51	37.77 2.21 -1.60	34.67 2.10 -0.75
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.53 -0.08 0.00	25.72 -0.26 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.08 -0.10 -0.09	28.19 -0.20 -0.28	31.43 -0.19 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -1.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	27.56 -0.06 0.00	25.80 -0.18 0.00	25.14 -0.20 0.00	23.42 -0.24 0.00	22.46 -0.20 -0.02	23.96 -0.14 0.00	26.13 -0.05 -0.10	28.27 -0.14 -0.30	31.51 -0.13 -0.29	34.35 -0.17 -0.06	35.25 0.00 0.00	37.25 0.04 0.00	32.08 0.22 -0.59	30.90 0.18 -1.24	35.34 0.24 -0.94	34.67 0.23 -1.80	33.92 0.25 -2.20	34.00 0.22 -3.03	31.70 0.20 -2.78	31.94 0.24 -1.68	29.83 0.36 -1.43	31.16 0.42 -0.79	34.12 0.00 -0.15	31.89 0.00 -0.07
HAMPSHIRE___PAPER_HYD 323593	27.50 -0.11 0.00	25.93 -0.05 0.00	25.27 -0.08 0.00	23.61 -0.05 0.00	22.44 -0.20 0.00	23.84 -0.26 0.00	25.67 -0.44 -0.03	27.71 -0.48 -0.08	30.83 -0.60 -0.07	33.86 -0.62 -0.01	34.58 -0.67 0.00	36.55 -0.67 0.00	30.05 -1.22 0.00	28.62 -1.18 -0.32	33.04 -1.37 -0.24	31.67 -1.44 -0.46	30.61 -1.42 -0.56	30.25 -1.29 -0.78	28.20 -1.12 -0.59	28.91 -1.11 0.00	27.25 -0.78 0.00	29.20 -0.75 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
HARDSCRABBLE_WT_PWR 323673	27.59 -0.03 0.00	25.85 -0.13 0.00	25.24 -0.10 0.00	23.58 -0.07 0.00	22.57 -0.07 0.00	24.06 -0.05 0.00	26.22 0.13 0.00	28.25 0.14 0.00	31.51 0.16 0.00	34.74 0.27 0.00	35.53 0.28 0.00	37.55 0.33 0.00	31.62 0.34 0.00	29.72 0.23 0.00	34.40 0.24 0.00	32.84 0.20 0.00	31.71 0.25 0.00	31.00 0.24 0.00	28.93 0.20 0.00	30.23 0.21 0.00	28.14 0.11 0.00	30.10 0.15 0.00	34.07 0.10 0.00	31.88 0.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.27 1.66 0.00	27.33 1.35 0.00	26.74 1.39 0.00	24.95 1.30 0.00	24.08 1.27 -0.17	25.36 1.25 0.00	28.55 1.57 -0.90	32.52 1.69 -2.73	35.93 1.97 -2.61	37.22 2.24 -0.51	37.43 2.19 0.00	39.52 2.31 0.00	39.47 2.41 -5.79	43.05 2.36 -11.21	45.26 2.60 -8.50	51.55 2.68 -16.23	54.01 2.67 -19.87	60.71 2.61 -27.34	56.51 2.38 -25.40	48.84 2.40 -16.42	43.78 1.77 -13.99	39.55 1.86 -7.74	37.39 1.97 -1.46	34.35 1.85 -0.68
HARSNRAD_115KV_TB1 81005	26.92 -0.69 0.00	25.12 -0.86 0.00	24.46 -0.89 0.00	22.56 -1.09 0.00	21.54 -1.13 -0.03	23.31 -0.80 0.00	25.23 -0.99 -0.14	26.89 -1.63 -0.42	29.99 -1.76 -0.40	32.48 -2.07 -0.08	33.66 -1.55 0.03	35.54 -1.64 0.03	31.12 -1.03 -0.88	30.40 -0.80 -1.72	34.58 -0.89 -1.30	34.38 -0.75 -2.49	34.10 -0.41 -3.05	34.52 -0.43 -4.19	32.18 -0.43 -3.89	32.18 -0.33 -2.49	30.29 0.14 -2.12	31.15 0.03 -1.17	32.18 -1.53 0.25	31.00 -0.89 -0.07
HARZA MOOSE___RIVER 24016	27.92 0.30 0.00	26.19 0.21 0.00	25.52 0.18 0.00	23.84 0.19 0.00	22.76 0.11 -0.01	24.25 0.14 0.00	26.43 0.31 -0.03	28.57 0.37 -0.10	31.79 0.34 -0.09	34.97 0.48 -0.02	35.74 0.49 0.00	37.77 0.56 0.00	31.71 0.44 0.00	30.27 0.38 -0.40	34.91 0.44 -0.30	33.55 0.33 -0.58	32.58 0.41 -0.71	32.17 0.43 -0.98	29.90 0.43 -0.75	30.56 0.54 0.00	28.67 0.64 0.00	30.64 0.69 0.00	34.68 0.71 0.00	32.39 0.57 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	27.31 -0.30 0.00	25.54 -0.44 0.00	24.89 -0.46 0.00	23.20 -0.45 0.00	22.23 -0.43 -0.02	23.72 -0.39 0.00	25.88 -0.29 -0.09	27.94 -0.42 -0.26	31.12 -0.47 -0.25	34.00 -0.52 -0.05	34.81 -0.42 0.02	36.79 -0.41 0.02	31.12 -0.16 0.00	30.37 -0.18 -1.06	34.80 -0.17 -0.81	34.02 -0.16 -1.54	33.22 -0.13 -1.88	33.19 -0.15 -2.59	30.56 -0.14 -1.98	29.90 -0.12 0.00	28.00 -0.03 0.00	29.95 0.00 0.00	33.34 -0.41 0.22	31.42 -0.38 0.02
HELLGATE_13_KV_LD 55870	29.69 2.07 0.00	27.80 1.82 0.00	27.20 1.85 0.00	25.38 1.73 0.00	24.53 1.70 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.65 2.48 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.59 3.03 -6.28	44.71 3.07 -12.16	46.77 3.38 -9.23	53.88 3.62 -17.62	77.30 3.56 -42.28	69.86 3.41 -35.69	59.37 3.07 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.69 2.07 0.00	27.80 1.82 0.00	27.20 1.85 0.00	25.38 1.73 0.00	24.53 1.70 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.65 2.48 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.59 3.03 -6.28	44.71 3.07 -12.16	46.77 3.38 -9.23	53.88 3.62 -17.62	77.30 3.56 -42.28	69.86 3.41 -35.69	59.37 3.07 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
HEMPSTEAD____ 23647	35.13 2.26 -5.25	33.13 2.13 -5.02	31.77 2.08 -4.35	27.35 1.96 -1.74	28.46 1.90 -3.91	28.08 1.95 -2.02	30.61 2.24 -2.28	34.62 2.53 -3.99	38.61 2.82 -4.44	39.94 3.17 -2.31	46.49 3.03 -8.21	46.91 3.16 -6.53	49.02 3.13 -14.62	61.27 3.19 -28.60	72.33 3.62 -34.55	74.95 3.69 -38.62	119.32 3.62 -84.24	71.89 3.54 -37.60	60.89 3.22 -28.95	59.56 3.27 -26.27	56.77 2.49 -26.25	48.38 2.54 -15.89	46.11 2.75 -9.39	43.97 2.58 -9.57
HEWLETT__69_KV_BK3 55828	35.49 2.62 -5.25	33.33 2.34 -5.01	32.04 2.36 -4.34	27.57 2.18 -1.74	28.68 2.13 -3.91	28.29 2.17 -2.02	30.87 2.50 -2.28	34.85 2.75 -3.98	38.89 3.10 -4.44	40.19 3.41 -2.30	46.66 3.21 -8.21	47.07 3.42 -6.43	49.27 3.38 -14.62	61.50 3.42 -28.60	72.61 3.89 -34.55	75.18 3.92 -38.62	119.60 3.90 -84.24	71.10 3.75 -36.59	60.60 3.48 -28.40	59.83 3.54 -26.27	57.02 2.75 -26.25	48.59 2.76 -15.89	46.41 3.06 -9.39	44.29 2.90 -9.57
HICKLING___1 23621	27.89 0.28 0.00	26.01 0.03 0.00	25.34 0.00 0.00	23.53 -0.12 0.00	22.55 -0.14 -0.04	24.20 0.10 0.00	26.34 0.03 -0.23	28.57 -0.22 -0.68	31.81 -0.19 -0.65	34.29 -0.31 -0.13	35.44 0.21 0.02	37.46 0.26 0.02	33.42 0.59 -1.55	32.65 0.35 -2.81	36.81 0.51 -2.13	37.17 0.46 -4.07	37.14 0.69 -4.99	38.24 0.62 -6.86	35.75 0.57 -6.45	35.29 0.87 -4.40	32.82 1.04 -3.75	33.16 1.14 -2.08	34.16 0.03 -0.16	32.43 0.45 -0.17
HICKLING___2 23622	27.89 0.28 0.00	26.01 0.03 0.00	25.34 0.00 0.00	23.53 -0.12 0.00	22.55 -0.14 -0.04	24.20 0.10 0.00	26.34 0.03 -0.23	28.57 -0.22 -0.68	31.81 -0.19 -0.65	34.29 -0.31 -0.13	35.44 0.21 0.02	37.46 0.26 0.02	33.42 0.59 -1.55	32.65 0.35 -2.81	36.81 0.51 -2.13	37.17 0.46 -4.07	37.14 0.69 -4.99	38.24 0.62 -6.86	35.75 0.57 -6.45	35.29 0.87 -4.40	32.82 1.04 -3.75	33.16 1.14 -2.08	34.16 0.03 -0.16	32.43 0.45 -0.17
HIGH FALLS___HY 23754	29.19 1.57 0.00	27.25 1.27 0.00	26.64 1.29 0.00	24.88 1.23 0.00	23.98 1.15 -0.18	25.26 1.16 0.00	28.49 1.43 -0.96	32.55 1.52 -2.92	35.87 1.72 -2.80	36.98 1.96 -0.55	37.15 1.90 0.00	39.22 2.01 0.00	40.28 2.16 -6.85	43.66 2.15 -12.02	45.37 2.08 -9.12	52.28 2.22 -17.41	55.05 2.27 -21.32	62.34 2.25 -29.33	58.55 2.07 -27.76	51.55 2.10 -19.43	46.21 1.63 -16.55	40.85 1.74 -9.16	37.56 1.87 -1.72	34.38 1.75 -0.81
HILLBURN___GT 23639	29.24 1.63 0.00	27.38 1.40 0.00	26.71 1.37 0.00	24.95 1.30 0.00	24.08 1.27 -0.17	25.38 1.28 0.00	28.62 1.62 -0.92	32.71 1.83 -2.78	36.07 2.07 -2.65	37.33 2.34 -0.52	37.51 2.26 0.00	39.60 2.38 0.00	39.63 2.47 -5.89	43.40 2.50 -11.41	45.62 2.80 -8.66	52.05 2.87 -16.53	54.56 2.86 -20.24	61.37 2.77 -27.84	57.09 2.50 -25.87	49.26 2.52 -16.72	44.12 1.85 -14.24	39.72 1.89 -7.88	37.45 2.00 -1.48	34.39 1.88 -0.70
HILLSIDE_115KV_TB1 80332	27.39 -0.22 0.00	25.54 -0.44 0.00	24.89 -0.46 0.00	23.13 -0.52 0.00	22.14 -0.54 -0.04	23.74 -0.36 0.00	25.85 -0.47 -0.23	28.11 -0.70 -0.71	31.24 -0.78 -0.68	33.67 -0.93 -0.13	34.74 -0.49 0.02	36.71 -0.48 0.02	32.82 -0.06 -1.61	32.19 -0.21 -2.91	36.20 -0.17 -2.21	36.69 -0.16 -4.21	36.65 0.03 -5.16	37.86 0.00 -7.10	35.43 0.03 -6.68	34.86 0.27 -4.57	32.34 0.42 -3.89	32.52 0.42 -2.16	33.51 -0.65 -0.19	31.80 -0.19 -0.17
HISHELDN_WT_PWR 323625	27.20 -0.41 0.00	25.41 -0.57 0.00	24.76 -0.58 0.00	22.80 -0.85 0.00	21.86 -0.81 -0.03	23.58 -0.53 0.00	25.47 -0.78 -0.16	27.36 -1.24 -0.49	30.38 -1.44 -0.47	32.84 -1.72 -0.09	34.20 -1.02 0.03	36.18 -1.00 0.03	31.87 -0.47 -1.07	31.01 -0.50 -2.03	35.15 -0.55 -1.54	35.09 -0.49 -2.93	34.93 -0.13 -3.59	35.55 -0.15 -4.94	33.16 -0.17 -4.61	33.14 0.09 -3.03	31.05 0.45 -2.58	31.76 0.39 -1.43	32.64 -1.19 0.14	31.41 -0.51 -0.10
HOLTSVILLE_IC_1 23690	35.71 2.84 -5.25	33.70 2.70 -5.02	32.37 2.69 -4.35	27.87 2.48 -1.74	28.98 2.42 -3.91	28.61 2.48 -2.02	31.21 2.84 -2.28	35.32 3.23 -3.99	39.42 3.63 -4.44	40.70 3.93 -2.31	47.09 3.63 -8.21	58.61 3.87 -17.53	65.05 3.66 -30.12	61.60 3.51 -28.61	72.65 3.93 -34.56	78.65 3.98 -42.03	124.57 3.93 -89.18	180.86 3.84 -146.26	148.28 3.50 -116.05	101.91 3.60 -68.29	60.54 2.89 -29.62	54.64 3.09 -21.60	46.72 3.36 -9.39	44.60 3.21 -9.57
HOLTSVILLE_IC_10 23699	35.93 3.06 -5.25	33.93 2.93 -5.02	32.60 2.91 -4.35	28.06 2.67 -1.74	29.18 2.63 -3.91	28.82 2.70 -2.02	31.42 3.05 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	40.98 4.20 -2.31	47.44 3.98 -8.21	59.73 4.24 -18.27	66.36 3.97 -31.11	61.92 3.83 -28.61	73.03 4.30 -34.56	79.24 4.34 -42.25	125.24 4.28 -89.50	188.60 4.21 -153.62	154.42 3.82 -121.87	104.96 3.93 -71.01	61.06 3.19 -29.84	55.33 3.41 -21.97	47.03 3.67 -9.39	44.89 3.50 -9.57
HOLTSVILLE_IC_2 23691	35.71 2.84 -5.25	33.70 2.70 -5.02	32.37 2.69 -4.35	27.87 2.48 -1.74	28.98 2.42 -3.91	28.61 2.48 -2.02	31.21 2.84 -2.28	35.32 3.23 -3.99	39.42 3.63 -4.44	40.70 3.93 -2.31	47.09 3.63 -8.21	58.61 3.87 -17.53	65.05 3.66 -30.12	61.60 3.51 -28.61	72.65 3.93 -34.56	78.65 3.98 -42.03	124.57 3.93 -89.18	180.86 3.84 -146.26	148.28 3.50 -116.05	101.91 3.60 -68.29	60.54 2.89 -29.62	54.64 3.09 -21.60	46.72 3.36 -9.39	44.60 3.21 -9.57
HOLTSVILLE_IC_3 23692	35.71 2.84 -5.25	33.70 2.70 -5.02	32.37 2.69 -4.35	27.87 2.48 -1.74	28.98 2.42 -3.91	28.61 2.48 -2.02	31.21 2.84 -2.28	35.32 3.23 -3.99	39.42 3.63 -4.44	40.70 3.93 -2.31	47.09 3.63 -8.21	58.61 3.87 -17.53	65.05 3.66 -30.12	61.60 3.51 -28.61	72.65 3.93 -34.56	78.65 3.98 -42.03	124.57 3.93 -89.18	180.86 3.84 -146.26	148.28 3.50 -116.05	101.91 3.60 -68.29	60.54 2.89 -29.62	54.64 3.09 -21.60	46.72 3.36 -9.39	44.60 3.21 -9.57

HOLTSVILLE_IC_4 23693	35.71 2.84 -5.25	33.70 2.70 -5.02	32.37 2.69 -4.35	27.87 2.48 -1.74	28.98 2.42 -3.91	28.61 2.48 -2.02	31.21 2.84 -2.28	35.32 3.23 -3.99	39.42 3.63 -4.44	40.70 3.93 -2.31	47.09 3.63 -8.21	58.61 3.87 -17.53	65.05 3.66 -30.12	61.60 3.51 -28.61	72.65 3.93 -34.56	78.65 3.98 -42.03	124.57 3.93 -89.18	180.86 3.84 -146.26	148.28 3.50 -116.05	101.91 3.60 -68.29	60.54 2.89 -29.62	54.64 3.09 -21.60	46.72 3.36 -9.39	44.60 3.21 -9.57
HOLTSVILLE_IC_5 23694	35.71 2.84 -5.25	33.70 2.70 -5.02	32.37 2.69 -4.35	27.87 2.48 -1.74	28.98 2.42 -3.91	28.61 2.48 -2.02	31.21 2.84 -2.28	35.32 3.23 -3.99	39.42 3.63 -4.44	40.70 3.93 -2.31	47.09 3.63 -8.21	58.61 3.87 -17.53	65.05 3.66 -30.12	61.60 3.51 -28.61	72.65 3.93 -34.56	78.65 3.98 -42.03	124.57 3.93 -89.18	180.86 3.84 -146.26	148.28 3.50 -116.05	101.91 3.60 -68.29	60.54 2.89 -29.62	54.64 3.09 -21.60	46.72 3.36 -9.39	44.60 3.21 -9.57
HOLTSVILLE_IC_6 23695	35.93 3.06 -5.25	33.93 2.93 -5.02	32.60 2.91 -4.35	28.06 2.67 -1.74	29.18 2.63 -3.91	28.82 2.70 -2.02	31.42 3.05 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	40.98 4.20 -2.31	47.44 3.98 -8.21	59.73 4.24 -18.27	66.36 3.97 -31.11	61.92 3.83 -28.61	73.03 4.30 -34.56	79.24 4.34 -42.25	125.24 4.28 -89.50	188.60 4.21 -153.62	154.42 3.82 -121.87	104.96 3.93 -71.01	61.06 3.19 -29.84	55.33 3.41 -21.97	47.03 3.67 -9.39	44.89 3.50 -9.57
HOLTSVILLE_IC_7 23696	35.93 3.06 -5.25	33.93 2.93 -5.02	32.60 2.91 -4.35	28.06 2.67 -1.74	29.18 2.63 -3.91	28.82 2.70 -2.02	31.42 3.05 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	40.98 4.20 -2.31	47.44 3.98 -8.21	59.73 4.24 -18.27	66.36 3.97 -31.11	61.92 3.83 -28.61	73.03 4.30 -34.56	79.24 4.34 -42.25	125.24 4.28 -89.50	188.60 4.21 -153.62	154.42 3.82 -121.87	104.96 3.93 -71.01	61.06 3.19 -29.84	55.33 3.41 -21.97	47.03 3.67 -9.39	44.89 3.50 -9.57
HOLTSVILLE_IC_8 23697	35.93 3.06 -5.25	33.93 2.93 -5.02	32.60 2.91 -4.35	28.06 2.67 -1.74	29.18 2.63 -3.91	28.82 2.70 -2.02	31.42 3.05 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	40.98 4.20 -2.31	47.44 3.98 -8.21	59.73 4.24 -18.27	66.36 3.97 -31.11	61.92 3.83 -28.61	73.03 4.30 -34.56	79.24 4.34 -42.25	125.24 4.28 -89.50	188.60 4.21 -153.62	154.42 3.82 -121.87	104.96 3.93 -71.01	61.06 3.19 -29.84	55.33 3.41 -21.97	47.03 3.67 -9.39	44.89 3.50 -9.57
HOLTSVILLE_IC_9 23698	35.93 3.06 -5.25	33.93 2.93 -5.02	32.60 2.91 -4.35	28.06 2.67 -1.74	29.18 2.63 -3.91	28.82 2.70 -2.02	31.42 3.05 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	40.98 4.20 -2.31	47.44 3.98 -8.21	59.73 4.24 -18.27	66.36 3.97 -31.11	61.92 3.83 -28.61	73.03 4.30 -34.56	79.24 4.34 -42.25	125.24 4.28 -89.50	188.60 4.21 -153.62	154.42 3.82 -121.87	104.96 3.93 -71.01	61.06 3.19 -29.84	55.33 3.41 -21.97	47.03 3.67 -9.39	44.89 3.50 -9.57
HOMER_HL_115KV_TB2 355744	26.98 -0.64 0.00	25.18 -0.81 0.00	24.53 -0.81 0.00	22.66 -0.99 0.00	21.65 -1.02 -0.03	23.43 -0.67 0.00	24.75 -1.51 -0.17	26.72 -1.91 -0.52	29.78 -2.07 -0.50	32.15 -2.41 -0.10	33.92 -1.30 0.03	36.03 -1.15 0.03	31.84 -0.56 -1.14	30.41 -1.21 -2.14	34.61 -1.16 -1.62	34.55 -1.18 -3.08	34.51 -0.72 -3.77	35.15 -0.80 -5.19	32.83 -0.75 -4.85	33.31 0.09 -3.20	31.09 0.34 -2.73	31.79 0.33 -1.51	31.89 -1.97 0.11	31.29 -0.64 -0.11
HOWARD_WT_PWR 323690	27.97 0.36 0.00	26.11 0.13 0.00	25.34 0.00 0.00	23.46 -0.19 0.00	22.47 -0.20 -0.04	24.20 0.10 0.00	26.30 0.03 -0.19	28.43 -0.25 -0.57	31.52 -0.37 -0.55	33.99 -0.59 -0.11	35.30 0.07 0.02	37.34 0.15 0.02	33.04 0.50 -1.27	32.10 0.26 -2.35	36.36 0.41 -1.79	36.45 0.39 -3.41	36.33 0.69 -4.18	37.18 0.68 -5.74	34.77 0.66 -5.38	34.62 0.99 -3.61	32.37 1.26 -3.08	33.00 1.35 -1.70	33.91 -0.07 -0.01	32.33 0.38 -0.13
HQ_GEN_CEDARS 23644	27.67 0.06 0.00	26.19 0.21 0.00	25.47 0.13 0.00	23.82 0.17 0.00	22.71 0.07 0.00	24.13 0.02 0.00	25.90 -0.18 0.00	27.97 -0.14 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.95 -0.26 0.00	29.93 -1.34 0.00	28.19 -1.30 0.00	32.66 -1.50 0.00	31.11 -1.53 0.00	29.83 -1.64 0.00	29.19 -1.57 0.00	27.32 -1.41 0.00	28.49 -1.53 0.00	26.85 -1.18 0.00	28.78 -1.17 0.00	33.97 0.00 0.00	31.82 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	27.70 0.08 0.00	26.11 0.13 0.00	25.47 0.13 0.00	23.82 0.17 0.00	22.71 0.07 0.00	24.13 0.02 0.00	25.91 -0.18 0.00	27.97 -0.14 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.96 -0.26 0.00	29.93 -1.34 0.00	28.19 -1.30 0.00	32.66 -1.50 0.00	31.11 -1.53 0.00	29.83 -1.64 0.00	29.19 -1.57 0.00	27.32 -1.41 0.00	28.49 -1.53 0.00	26.85 -1.18 0.00	28.78 -1.17 0.00	33.97 0.00 0.00	31.82 0.00 0.00
HQ_GEN_IMPORT 323601	27.36 -0.25 0.00	25.80 -0.18 0.00	25.22 -0.13 0.00	23.56 -0.09 0.00	22.53 -0.11 0.00	23.96 -0.14 0.00	25.80 -0.29 0.00	27.85 -0.25 0.00	31.07 -0.28 0.00	34.16 -0.31 0.00	34.90 -0.35 0.00	36.84 -0.37 0.00	30.65 -0.63 0.00	28.86 -0.62 0.00	33.44 -0.72 0.00	31.93 -0.72 0.00	30.71 -0.76 0.00	30.05 -0.71 0.00	28.07 -0.66 0.00	29.33 -0.69 0.00	27.44 -0.59 0.00	29.35 -0.60 0.00	33.66 -0.31 0.00	31.50 -0.32 0.00
HQ_GEN_WHEEL 23651	27.36 -0.25 0.00	25.80 -0.18 0.00	25.22 -0.13 0.00	23.56 -0.09 0.00	22.53 -0.11 0.00	23.96 -0.14 0.00	25.80 -0.29 0.00	27.85 -0.25 0.00	31.07 -0.28 0.00	34.16 -0.31 0.00	34.90 -0.35 0.00	36.84 -0.37 0.00	30.65 -0.63 0.00	28.86 -0.62 0.00	33.44 -0.72 0.00	31.93 -0.72 0.00	30.71 -0.76 0.00	30.05 -0.71 0.00	28.07 -0.66 0.00	29.33 -0.69 0.00	27.44 -0.59 0.00	29.35 -0.60 0.00	33.66 -0.31 0.00	31.50 -0.32 0.00
HUDSON_AVE_GT_3 23810	29.57 1.96 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.88 2.86 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.81 3.42 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.93 3.09 -17.82	45.45 2.24 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.72 2.16 -0.74
HUDSON_AVE_GT_4 23540	29.57 1.96 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.88 2.86 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.81 3.42 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.93 3.09 -17.82	45.45 2.24 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.72 2.16 -0.74
HUDSON_AVE_GT_5 23657	29.57 1.96 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.88 2.86 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.81 3.42 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.93 3.09 -17.82	45.45 2.24 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.72 2.16 -0.74

HUDSON_AVE_10 24168	29.52 1.91 0.00	27.67 1.69 0.00	27.07 1.72 0.00	25.26 1.61 0.00	24.39 1.56 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.26 2.19 -2.96	36.65 2.48 -2.83	37.85 2.83 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.62 2.98 -12.16	46.74 3.35 -9.23	53.75 3.49 -17.61	77.20 3.46 -42.28	69.80 3.35 -35.69	59.31 3.02 -27.57	50.87 3.03 -17.82	45.39 2.19 -15.18	40.51 2.16 -8.40	37.86 2.31 -1.58	34.66 2.10 -0.74
HUDSON___115KV_TB 4 355613	29.27 1.66 0.00	27.36 1.38 0.00	26.69 1.34 0.00	24.95 1.30 0.00	24.12 1.25 -0.23	25.38 1.28 0.00	28.73 1.43 -1.21	33.16 1.38 -3.68	36.31 1.44 -3.52	36.77 1.62 -0.69	36.90 1.66 0.00	38.93 1.71 0.00	44.93 1.59 -12.06	45.91 1.30 -15.13	47.18 1.54 -11.48	55.99 1.44 -21.91	59.74 1.45 -26.83	69.08 1.41 -36.91	67.70 1.35 -37.63	65.69 1.44 -34.23	58.45 1.26 -29.16	47.59 1.50 -16.14	38.60 1.60 -3.03	34.80 1.56 -1.42
HUNTER MOUNT___DRP 323613	29.38 1.77 0.00	27.46 1.48 0.00	26.79 1.44 0.00	25.02 1.37 0.00	24.18 1.31 -0.22	25.46 1.35 0.00	28.75 1.49 -1.17	32.99 1.32 -3.56	36.22 1.47 -3.40	36.79 1.65 -0.66	37.08 1.83 0.00	39.15 1.94 0.00	43.96 1.75 -10.93	45.43 1.33 -14.62	46.76 1.50 -11.10	55.23 1.40 -21.18	58.84 1.45 -25.93	67.85 1.41 -35.68	65.91 1.38 -35.80	62.51 1.47 -31.02	55.80 1.35 -26.42	46.22 1.65 -14.63	38.52 1.80 -2.75	34.86 1.75 -1.29
HUNTINGTON_RES_REC 323705	35.71 2.84 -5.25	33.70 2.70 -5.02	32.35 2.66 -4.35	27.88 2.48 -1.74	28.98 2.42 -3.92	28.61 2.48 -2.02	31.16 2.79 -2.28	35.24 3.15 -3.99	39.33 3.54 -4.44	40.70 3.93 -2.31	47.19 3.73 -8.21	75.58 3.98 -34.39	75.79 3.69 -40.83	61.77 3.66 -28.64	72.85 4.10 -34.59	84.00 4.15 -47.21	132.32 4.19 -96.67	347.62 4.12 -312.74	281.51 3.73 -249.05	165.81 3.81 -131.98	63.11 3.06 -32.02	58.52 3.06 -25.52	46.82 3.47 -9.39	44.70 3.31 -9.58
HUNTLEY___63 23557	27.06 -0.55 0.00	25.20 -0.78 0.00	24.56 -0.79 0.00	22.64 -1.02 0.00	21.72 -0.95 -0.03	23.38 -0.72 0.00	25.37 -0.86 -0.14	27.05 -1.49 -0.43	30.19 -1.57 -0.41	32.69 -1.86 -0.08	33.95 -1.27 0.03	35.88 -1.30 0.03	31.44 -0.75 -0.92	30.64 -0.62 -1.78	34.83 -0.68 -1.35	34.64 -0.59 -2.58	34.43 -0.19 -3.16	34.86 -0.25 -4.34	32.50 -0.26 -4.03	32.50 -0.12 -2.60	30.55 0.31 -2.21	31.44 0.27 -1.23	32.37 -1.36 0.23	31.29 -0.60 -0.08
HUNTLEY___64 23558	27.06 -0.55 0.00	25.20 -0.78 0.00	24.56 -0.79 0.00	22.64 -1.02 0.00	21.72 -0.95 -0.03	23.38 -0.72 0.00	25.37 -0.86 -0.14	27.05 -1.49 -0.43	30.19 -1.57 -0.41	32.69 -1.86 -0.08	33.95 -1.27 0.03	35.88 -1.30 0.03	31.44 -0.75 -0.92	30.64 -0.62 -1.78	34.83 -0.68 -1.35	34.64 -0.59 -2.58	34.43 -0.19 -3.16	34.86 -0.25 -4.34	32.50 -0.26 -4.03	32.50 -0.12 -2.60	30.55 0.31 -2.21	31.44 0.27 -1.23	32.37 -1.36 0.23	31.29 -0.60 -0.08
HUNTLEY___65 23559	27.06 -0.55 0.00	25.20 -0.78 0.00	24.56 -0.79 0.00	22.64 -1.02 0.00	21.72 -0.95 -0.03	23.38 -0.72 0.00	25.37 -0.86 -0.14	27.05 -1.49 -0.43	30.19 -1.57 -0.41	32.69 -1.86 -0.08	33.95 -1.27 0.03	35.88 -1.30 0.03	31.44 -0.75 -0.92	30.64 -0.62 -1.78	34.83 -0.68 -1.35	34.64 -0.59 -2.58	34.43 -0.19 -3.16	34.86 -0.25 -4.34	32.50 -0.26 -4.03	32.50 -0.12 -2.60	30.55 0.31 -2.21	31.44 0.27 -1.23	32.37 -1.36 0.23	31.29 -0.60 -0.08
HUNTLEY___66 23560	27.06 -0.55 0.00	25.20 -0.78 0.00	24.56 -0.79 0.00	22.64 -1.02 0.00	21.72 -0.95 -0.03	23.38 -0.72 0.00	25.37 -0.86 -0.14	27.05 -1.49 -0.43	30.19 -1.57 -0.41	32.69 -1.86 -0.08	33.95 -1.27 0.03	35.88 -1.30 0.03	31.44 -0.75 -0.92	30.64 -0.62 -1.78	34.83 -0.68 -1.35	34.64 -0.59 -2.58	34.43 -0.19 -3.16	34.86 -0.25 -4.34	32.50 -0.26 -4.03	32.50 -0.12 -2.60	30.55 0.31 -2.21	31.44 0.27 -1.23	32.37 -1.36 0.23	31.29 -0.60 -0.08
HUNTLEY___67 23561	26.90 -0.72 0.00	25.07 -0.91 0.00	24.43 -0.91 0.00	22.52 -1.14 0.00	21.58 -1.09 -0.03	23.29 -0.82 0.00	25.21 -1.02 -0.15	26.92 -1.63 -0.44	30.01 -1.76 -0.42	32.48 -2.07 -0.08	33.74 -1.48 0.03	35.62 -1.56 0.03	31.24 -0.97 -0.94	30.53 -0.77 -1.82	34.65 -0.89 -1.38	34.53 -0.75 -2.63	34.31 -0.38 -3.22	34.76 -0.43 -4.43	32.41 -0.43 -4.12	32.41 -0.27 -2.66	30.47 0.17 -2.27	31.26 0.06 -1.26	32.18 -1.56 0.22	31.04 -0.86 -0.08
HUNTLEY___68 23562	26.90 -0.72 0.00	25.07 -0.91 0.00	24.43 -0.91 0.00	22.52 -1.14 0.00	21.58 -1.09 -0.03	23.29 -0.82 0.00	25.21 -1.02 -0.15	26.92 -1.63 -0.44	30.01 -1.76 -0.42	32.48 -2.07 -0.08	33.74 -1.48 0.03	35.62 -1.56 0.03	31.24 -0.97 -0.94	30.53 -0.77 -1.82	34.65 -0.89 -1.38	34.53 -0.75 -2.63	34.31 -0.38 -3.22	34.76 -0.43 -4.43	32.41 -0.43 -4.12	32.41 -0.27 -2.66	30.47 0.17 -2.27	31.26 0.06 -1.26	32.18 -1.56 0.22	31.04 -0.86 -0.08
HYLAND___LFGE 323620	28.69 1.08 0.00	26.86 0.88 0.00	26.10 0.76 0.00	24.15 0.50 0.00	23.12 0.45 -0.03	24.81 0.70 0.00	27.05 0.81 -0.16	28.86 0.28 -0.48	31.49 -0.31 -0.45	33.90 -0.66 -0.09	34.30 -0.92 0.03	35.99 -1.19 0.03	31.55 -0.75 -1.03	30.91 -0.53 -1.96	35.51 -0.14 -1.48	35.41 -0.07 -2.83	35.25 0.31 -3.47	36.18 0.65 -4.77	34.43 1.26 -4.44	34.49 1.56 -2.91	32.72 2.21 -2.48	33.69 2.37 -1.37	35.11 1.29 0.15	33.22 1.31 -0.09
INDECK___CORINTH 23802	29.35 1.74 0.00	27.59 1.61 0.00	26.79 1.44 0.00	25.10 1.44 0.00	24.25 1.36 -0.25	25.53 1.42 0.00	29.03 1.64 -1.30	33.77 1.71 -3.95	37.16 2.04 -3.78	37.55 2.34 -0.74	37.61 2.36 0.00	39.63 2.42 0.00	53.59 2.06 -20.25	47.35 1.62 -16.25	48.47 1.98 -12.33	58.03 1.86 -23.53	62.13 1.86 -28.81	72.08 1.69 -39.63	76.66 1.81 -46.12	89.38 1.89 -57.47	79.17 2.19 -48.95	59.38 2.34 -27.10	41.47 2.41 -5.09	36.40 2.19 -2.39
INDECK___ILION 23567	27.67 0.06 0.00	25.95 -0.03 0.00	25.34 0.00 0.00	23.65 0.00 0.00	22.64 0.00 0.00	24.11 0.00 0.00	26.22 0.13 0.00	28.25 0.14 0.00	31.50 0.16 0.00	34.67 0.21 0.00	35.46 0.21 0.00	37.47 0.26 0.00	31.55 0.28 0.00	29.72 0.24 0.00	34.43 0.27 0.00	32.87 0.23 0.00	31.75 0.28 0.00	31.04 0.28 0.00	28.95 0.23 0.00	30.29 0.27 0.00	28.25 0.22 0.00	30.19 0.24 0.00	34.14 0.17 0.00	31.98 0.16 0.00
INDECK___OLEAN 23982	27.01 -0.61 0.00	25.23 -0.75 0.00	24.56 -0.79 0.00	22.66 -0.99 0.00	21.66 -1.02 -0.03	23.43 -0.67 0.00	24.74 -1.51 -0.17	26.77 -1.86 -0.52	29.68 -2.16 -0.50	32.08 -2.48 -0.10	33.88 -1.34 0.03	36.11 -1.08 0.03	31.88 -0.53 -1.14	30.41 -1.21 -2.14	34.62 -1.16 -1.62	34.57 -1.17 -3.10	34.53 -0.72 -3.79	35.18 -0.80 -5.22	32.82 -0.77 -4.87	33.33 0.09 -3.22	31.11 0.34 -2.74	31.80 0.33 -1.52	31.89 -1.97 0.11	31.29 -0.64 -0.11
INDECK___OSWEGO 23783	26.95 -0.66 0.00	25.28 -0.70 0.00	24.61 -0.74 0.00	22.97 -0.69 0.00	21.98 -0.68 -0.01	23.43 -0.67 0.00	25.53 -0.63 -0.07	27.62 -0.70 -0.22	30.74 -0.82 -0.21	33.34 -1.17 -0.04	34.13 -1.16 -0.05	36.07 -1.19 -0.05	30.46 -0.81 0.00	29.58 -0.79 -0.89	33.92 -0.92 -0.68	33.06 -0.88 -1.30	32.23 -0.82 -1.59	32.14 -0.80 -2.18	29.90 -0.49 -1.67	29.51 -0.51 0.00	27.64 -0.39 0.00	29.56 -0.39 0.00	33.87 -0.75 -0.65	31.13 -0.73 -0.05

INDECK___YERKES 23781	27.09 -0.53 0.00	25.25 -0.73 0.00	24.68 -0.66 0.00	22.68 -0.97 0.00	21.74 -0.93 -0.03	23.41 -0.70 0.00	25.37 -0.86 -0.14	27.11 -1.43 -0.43	30.10 -1.66 -0.41	32.62 -1.93 -0.08	33.98 -1.23 0.03	35.88 -1.30 0.03	31.47 -0.72 -0.92	30.67 -0.59 -1.78	34.86 -0.65 -1.35	34.67 -0.56 -2.58	34.46 -0.16 -3.16	34.89 -0.21 -4.34	32.53 -0.23 -4.03	32.53 -0.09 -2.60	30.58 0.34 -2.21	31.47 0.30 -1.23	32.41 -1.33 0.23	31.29 -0.61 -0.08
INDIAN POINT_GT_1 24139	29.30 1.68 0.00	27.49 1.51 0.00	26.86 1.52 0.00	25.07 1.42 0.00	24.23 1.40 -0.18	25.50 1.40 0.00	28.72 1.67 -0.96	32.94 1.91 -2.92	36.30 2.16 -2.79	37.46 2.45 -0.54	37.57 2.33 0.00	39.67 2.46 0.00	40.00 2.53 -6.20	44.10 2.62 -12.00	46.24 2.97 -9.10	53.06 3.04 -17.38	76.44 2.99 -41.99	68.97 2.92 -35.29	58.59 2.67 -27.20	50.30 2.70 -17.58	45.00 1.99 -14.98	40.19 1.95 -8.29	37.56 2.04 -1.56	34.43 1.88 -0.73
INDIAN POINT_GT_2 23659	29.30 1.68 0.00	27.49 1.51 0.00	26.86 1.52 0.00	25.07 1.42 0.00	24.23 1.40 -0.18	25.50 1.40 0.00	28.72 1.67 -0.96	32.94 1.91 -2.92	36.30 2.16 -2.79	37.46 2.45 -0.54	37.57 2.33 0.00	39.67 2.46 0.00	40.00 2.53 -6.20	44.10 2.62 -12.00	46.24 2.97 -9.10	53.06 3.04 -17.38	76.44 2.99 -41.99	68.97 2.92 -35.29	58.59 2.67 -27.20	50.30 2.70 -17.58	45.00 1.99 -14.98	40.19 1.95 -8.29	37.56 2.04 -1.56	34.43 1.88 -0.73
INDIAN POINT_GT_3 24019	29.30 1.68 0.00	27.49 1.51 0.00	26.86 1.52 0.00	25.07 1.42 0.00	24.23 1.40 -0.18	25.50 1.40 0.00	28.72 1.67 -0.96	32.94 1.91 -2.92	36.30 2.16 -2.79	37.46 2.45 -0.54	37.57 2.33 0.00	39.67 2.46 0.00	40.00 2.53 -6.20	44.10 2.62 -12.00	46.24 2.97 -9.10	53.06 3.04 -17.38	76.44 2.99 -41.99	68.97 2.92 -35.29	58.59 2.67 -27.20	50.30 2.70 -17.58	45.00 1.99 -14.98	40.19 1.95 -8.29	37.56 2.04 -1.56	34.43 1.88 -0.73
INDIAN POINT___2 23530	29.24 1.63 0.00	27.46 1.48 0.00	26.81 1.47 0.00	25.05 1.40 0.00	24.18 1.36 -0.18	25.45 1.35 0.00	28.65 1.62 -0.95	32.83 1.85 -2.87	36.19 2.10 -2.74	37.35 2.34 -0.53	37.47 2.22 0.00	39.60 2.38 0.00	39.80 2.44 -6.09	43.77 2.50 -11.79	45.94 2.83 -8.94	52.62 2.90 -17.07	75.97 2.89 -41.61	68.33 2.80 -34.77	57.97 2.53 -26.72	49.84 2.55 -17.27	44.62 1.88 -14.71	39.98 1.89 -8.14	37.47 1.97 -1.53	34.38 1.84 -0.72
INDIAN POINT___3 23531	29.27 1.66 0.00	27.46 1.48 0.00	26.84 1.50 0.00	25.05 1.40 0.00	24.20 1.38 -0.18	25.48 1.37 0.00	28.69 1.64 -0.96	32.88 1.86 -2.92	36.24 2.10 -2.79	37.39 2.38 -0.54	37.50 2.26 0.00	39.60 2.38 0.00	39.91 2.44 -6.20	43.99 2.51 -12.01	46.11 2.84 -9.11	52.91 2.87 -17.39	76.33 2.86 -42.00	68.83 2.77 -35.31	58.47 2.53 -27.22	50.16 2.55 -17.59	44.89 1.88 -14.99	40.13 1.89 -8.30	37.50 1.97 -1.56	34.40 1.85 -0.73
INGHAM_C_115KV_TB7 356103	27.53 -0.08 0.00	25.80 -0.18 0.00	25.22 -0.13 0.00	23.53 -0.12 0.00	22.55 -0.09 0.00	24.01 -0.10 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.44 0.22 0.00	31.52 0.25 0.00	29.63 0.15 0.00	34.30 0.14 0.00	32.74 0.10 0.00	31.62 0.16 0.00	30.91 0.15 0.00	28.84 0.11 0.00	30.17 0.15 0.00	28.11 0.08 0.00	30.07 0.12 0.00	34.03 0.07 0.00	31.85 0.03 0.00
IP CORINTH___1 23988	29.52 1.91 0.00	27.62 1.64 0.00	26.94 1.60 0.00	25.19 1.54 0.00	24.36 1.47 -0.25	25.65 1.54 0.00	29.19 1.80 -1.30	33.91 1.86 -3.95	37.38 2.26 -3.78	37.76 2.55 -0.74	37.79 2.54 0.00	39.82 2.60 0.00	53.78 2.25 -20.25	47.50 1.77 -16.25	48.67 2.19 -12.33	58.23 2.06 -23.53	62.32 2.05 -28.81	72.27 1.88 -39.63	76.83 1.98 -46.12	89.56 2.07 -57.47	79.33 2.35 -48.95	59.56 2.52 -27.10	41.64 2.58 -5.09	36.66 2.45 -2.39
IP___TICONDEROGA 23804	31.29 3.67 0.00	29.05 3.07 0.00	28.28 2.94 0.00	26.47 2.81 0.00	25.56 2.67 -0.25	27.00 2.89 0.00	30.83 3.44 -1.30	35.71 3.65 -3.95	39.48 4.36 -3.77	40.17 4.96 -0.74	40.64 5.39 0.00	42.72 5.51 0.00	55.97 4.57 -20.13	49.54 3.83 -16.22	51.18 4.71 -12.31	60.55 4.41 -23.50	64.60 4.37 -28.77	74.46 4.12 -39.57	78.76 4.05 -45.99	91.34 4.20 -57.12	81.20 4.51 -48.65	61.76 4.88 -26.93	44.12 5.10 -5.06	38.94 4.74 -2.38
ISLIP_RES_REC 323679	36.07 3.20 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.29 2.74 -3.91	28.94 2.82 -2.02	31.55 3.18 -2.28	35.75 3.65 -3.99	39.89 4.11 -4.44	41.25 4.48 -2.31	47.72 4.26 -8.21	59.03 4.58 -17.24	66.44 4.32 -30.85	62.25 4.16 -28.61	73.40 4.68 -34.56	79.27 4.70 -41.93	125.12 4.63 -89.03	178.71 4.55 -143.40	146.51 4.14 -113.65	101.29 4.26 -67.01	61.28 3.47 -29.78	55.51 3.68 -21.88	47.29 3.94 -9.39	45.11 3.72 -9.57
JAMAICA__27_KV_LOAD 355505	29.71 2.10 0.00	27.83 1.84 0.00	27.27 1.93 0.00	25.40 1.75 0.00	24.55 1.72 -0.19	25.87 1.76 0.00	29.20 2.14 -0.98	33.57 2.50 -2.96	36.97 2.79 -2.83	38.19 3.17 -0.55	38.14 2.89 0.00	40.30 3.09 0.00	40.71 3.16 -6.28	44.89 3.24 -12.16	47.01 3.62 -9.23	54.08 3.82 -17.61	77.55 3.81 -42.28	70.11 3.66 -35.69	59.62 3.33 -27.57	51.17 3.33 -17.82	45.65 2.44 -15.18	40.75 2.40 -8.40	38.20 2.65 -1.58	34.92 2.35 -0.74
JANIS___SOLAR 323808	28.80 1.19 0.00	26.91 0.93 0.00	26.15 0.81 0.00	24.36 0.71 0.00	23.34 0.66 -0.04	24.97 0.87 0.00	27.50 1.17 -0.24	29.98 1.15 -0.72	33.10 1.07 -0.69	35.67 1.07 -0.13	36.44 1.20 0.01	38.54 1.34 0.01	34.58 1.31 -1.99	33.55 1.12 -2.95	37.80 1.40 -2.24	38.19 1.27 -4.28	38.18 1.48 -5.24	39.59 1.63 -7.20	37.42 1.64 -7.06	37.62 1.95 -5.66	34.92 2.07 -4.82	34.83 2.22 -2.67	36.12 1.77 -0.39	33.64 1.59 -0.23
JARVIS____ 23743	27.67 0.06 0.00	26.01 0.03 0.00	25.37 0.03 0.00	23.68 0.02 0.00	22.66 0.02 0.00	24.13 0.02 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.57 0.10 0.00	35.35 0.11 0.00	37.33 0.11 0.00	31.43 0.16 0.00	29.66 0.18 0.00	34.37 0.21 0.00	32.84 0.20 0.00	31.65 0.19 0.00	30.95 0.19 0.00	28.90 0.17 0.00	30.20 0.18 0.00	28.20 0.17 0.00	30.10 0.15 0.00	34.07 0.10 0.00	31.91 0.10 0.00
JENNISON___1 23625	28.94 1.33 0.00	27.05 1.07 0.00	26.36 1.01 0.00	24.60 0.95 0.00	23.54 0.84 -0.06	25.14 1.04 0.00	27.77 1.38 -0.30	30.47 1.46 -0.90	33.75 1.54 -0.86	36.39 1.76 -0.17	37.18 1.94 0.01	39.37 2.16 0.01	36.24 2.03 -2.93	35.02 1.83 -3.71	39.16 2.19 -2.82	39.98 1.96 -5.38	40.18 2.14 -6.58	41.94 2.12 -9.05	39.95 2.01 -9.21	40.63 2.28 -8.33	37.39 2.27 -7.09	36.24 2.37 -3.93	36.60 2.00 -0.63	34.00 1.85 -0.34
JENNISON___2 23626	28.94 1.33 0.00	27.05 1.07 0.00	26.36 1.01 0.00	24.60 0.95 0.00	23.54 0.84 -0.06	25.14 1.04 0.00	27.77 1.38 -0.30	30.47 1.46 -0.90	33.75 1.54 -0.86	36.39 1.76 -0.17	37.18 1.94 0.01	39.37 2.16 0.01	36.24 2.03 -2.93	35.02 1.83 -3.71	39.16 2.19 -2.82	39.98 1.96 -5.38	40.18 2.14 -6.58	41.94 2.12 -9.05	39.95 2.01 -9.21	40.63 2.28 -8.33	37.39 2.27 -7.09	36.24 2.37 -3.93	36.60 2.00 -0.63	34.00 1.85 -0.34

JERICO_RISE_WT_PWR 323719	27.56 -0.06 0.00	26.03 0.05 0.00	25.42 0.08 0.00	23.75 0.09 0.00	22.71 0.07 0.00	24.18 0.07 0.00	25.93 -0.16 0.00	28.02 -0.08 0.00	31.22 -0.12 0.00	34.30 -0.17 0.00	35.07 -0.18 0.00	37.03 -0.19 0.00	30.65 -0.63 0.00	28.86 -0.62 0.00	33.44 -0.72 0.00	31.89 -0.75 0.00	30.55 -0.91 0.00	29.93 -0.83 0.00	28.01 -0.72 0.00	29.21 -0.81 0.00	27.50 -0.53 0.00	29.38 -0.57 0.00	33.87 -0.10 0.00	31.66 -0.16 0.00
KATONAH__115KV_46KV_TB4 355592	29.52 1.91 0.00	27.67 1.69 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.67 1.57 0.00	28.93 1.85 -0.99	33.31 2.19 -3.01	36.70 2.48 -2.88	37.86 2.83 -0.56	37.96 2.71 0.00	40.08 2.87 0.00	40.57 2.91 -6.39	45.03 3.18 -12.37	47.23 3.69 -9.38	54.28 3.72 -17.91	77.72 3.62 -42.64	70.54 3.60 -36.19	60.04 3.27 -28.04	51.52 3.36 -18.14	46.00 2.52 -15.45	40.87 2.37 -8.55	37.88 2.31 -1.61	34.67 2.10 -0.75
KCE_NY_1 323755	29.57 1.96 0.00	27.80 1.82 0.00	27.02 1.67 0.00	25.26 1.61 0.00	24.43 1.54 -0.25	25.72 1.62 0.00	29.24 1.85 -1.30	33.96 1.91 -3.94	37.34 2.23 -3.76	37.69 2.48 -0.73	37.82 2.57 0.00	39.89 2.68 0.00	53.61 2.38 -19.96	47.77 2.09 -16.19	48.94 2.49 -12.28	58.47 2.38 -23.45	62.50 2.33 -28.71	72.50 2.24 -39.50	76.67 2.16 -45.79	88.93 2.28 -56.63	78.51 2.24 -48.24	59.05 2.40 -26.70	41.50 2.51 -5.02	36.53 2.35 -2.36
KCE_NY_6_ESR 323823	27.23 -0.39 0.00	25.41 -0.57 0.00	24.76 -0.58 0.00	22.75 -0.90 0.00	21.81 -0.86 -0.03	23.55 -0.55 0.00	25.35 -0.89 -0.15	27.22 -1.35 -0.46	30.19 -1.60 -0.44	32.69 -1.86 -0.09	34.16 -1.06 0.03	36.18 -1.00 0.03	31.79 -0.47 -0.99	30.85 -0.53 -1.90	35.02 -0.58 -1.44	34.90 -0.49 -2.75	34.73 -0.09 -3.36	35.23 -0.15 -4.63	32.83 -0.20 -4.30	32.97 0.15 -2.80	30.95 0.53 -2.38	31.75 0.48 -1.32	32.48 -1.29 0.19	31.43 -0.48 -0.09
KEDC_PORT_JEFF_GT2 24210	35.87 3.01 -5.25	33.88 2.88 -5.02	32.53 2.84 -4.35	28.02 2.63 -1.74	29.11 2.56 -3.91	28.75 2.63 -2.02	31.37 3.00 -2.28	35.49 3.40 -3.99	39.61 3.82 -4.44	40.91 4.13 -2.31	47.34 3.88 -8.21	61.04 4.13 -19.70	66.82 3.78 -31.77	61.66 3.57 -28.61	72.62 3.89 -34.57	79.32 3.98 -42.69	125.53 3.93 -90.14	202.32 3.88 -167.69	165.37 3.50 -133.14	110.06 3.60 -76.44	60.96 2.94 -29.99	55.39 3.24 -22.21	46.92 3.57 -9.39	44.80 3.41 -9.57
KEDC_PORT_JEFF_GT3 24211	35.87 3.01 -5.25	33.88 2.88 -5.02	32.53 2.84 -4.35	28.02 2.63 -1.74	29.11 2.56 -3.91	28.75 2.63 -2.02	31.37 3.00 -2.28	35.49 3.40 -3.99	39.61 3.82 -4.44	40.91 4.13 -2.31	47.34 3.88 -8.21	61.04 4.13 -19.70	66.82 3.78 -31.77	61.66 3.57 -28.61	72.62 3.89 -34.57	79.32 3.98 -42.69	125.53 3.93 -90.14	202.32 3.88 -167.69	165.37 3.50 -133.14	110.06 3.60 -76.44	60.96 2.94 -29.99	55.39 3.24 -22.21	46.92 3.57 -9.39	44.80 3.41 -9.57
KEDC_GLWD_GT4 24219	35.13 2.26 -5.25	33.07 2.08 -5.02	31.74 2.05 -4.35	27.31 1.92 -1.74	28.43 1.88 -3.91	28.03 1.90 -2.02	30.58 2.22 -2.28	34.62 2.53 -3.99	38.64 2.85 -4.44	39.77 3.00 -2.31	46.38 2.92 -8.21	46.87 3.13 -6.53	48.99 3.10 -14.62	61.27 3.19 -28.60	72.33 3.62 -34.55	74.92 3.66 -38.62	119.32 3.62 -84.24	71.87 3.51 -37.60	60.86 3.19 -28.95	59.53 3.24 -26.27	56.71 2.44 -26.25	48.30 2.46 -15.89	45.94 2.58 -9.39	43.81 2.42 -9.57
KEDC_GLWD_GT5 24220	35.13 2.26 -5.25	33.07 2.08 -5.02	31.74 2.05 -4.35	27.31 1.92 -1.74	28.43 1.88 -3.91	28.03 1.90 -2.02	30.58 2.22 -2.28	34.62 2.53 -3.99	38.64 2.85 -4.44	39.77 3.00 -2.31	46.38 2.92 -8.21	46.87 3.13 -6.53	48.99 3.10 -14.62	61.27 3.19 -28.60	72.33 3.62 -34.55	74.92 3.66 -38.62	119.32 3.62 -84.24	71.87 3.51 -37.60	60.86 3.19 -28.95	59.53 3.24 -26.27	56.71 2.44 -26.25	48.30 2.46 -15.89	45.94 2.58 -9.39	43.81 2.42 -9.57
KENSICO____ 23655	29.41 1.79 0.00	27.57 1.58 0.00	26.97 1.62 0.00	25.17 1.51 0.00	24.32 1.49 -0.18	25.60 1.49 0.00	28.83 1.77 -0.97	33.08 2.02 -2.95	36.46 2.29 -2.82	37.60 2.59 -0.55	37.75 2.50 0.00	39.86 2.64 0.00	40.22 2.69 -6.26	44.35 2.74 -12.13	46.47 3.11 -9.20	53.41 3.20 -17.56	76.83 3.15 -42.22	69.41 3.05 -35.60	59.00 2.79 -27.49	50.61 2.82 -17.77	45.24 2.07 -15.14	40.39 2.07 -8.38	37.72 2.17 -1.58	34.56 2.00 -0.74
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.24 1.63 0.00	27.28 1.30 0.00	26.69 1.34 0.00	24.91 1.25 0.00	24.01 1.20 -0.17	25.29 1.18 0.00	28.47 1.49 -0.90	32.38 1.55 -2.73	35.74 1.79 -2.61	37.01 2.03 -0.51	37.19 1.94 0.00	39.26 2.05 0.00	39.66 2.19 -6.20	42.84 2.15 -11.21	44.68 2.02 -8.50	51.03 2.15 -16.23	53.54 2.20 -19.87	60.31 2.21 -27.34	56.49 2.04 -25.72	49.67 2.07 -17.58	44.69 1.68 -14.97	40.07 1.83 -8.29	37.46 1.94 -1.56	34.36 1.81 -0.73
KIAC_JFK_GT1 23816	29.55 1.93 0.00	27.70 1.71 0.00	27.14 1.80 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.74 1.64 0.00	29.04 1.98 -0.98	33.40 2.33 -2.96	36.68 2.51 -2.83	37.88 2.86 -0.55	37.79 2.54 0.00	39.93 2.72 0.00	40.40 2.85 -6.28	44.56 2.92 -12.16	46.63 3.25 -9.23	53.72 3.46 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.42 2.07 -8.40	37.86 2.31 -1.58	34.60 2.04 -0.74
KIAC_JFK_GT2 23817	29.55 1.93 0.00	27.70 1.71 0.00	27.14 1.80 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.74 1.64 0.00	29.04 1.98 -0.98	33.40 2.33 -2.96	36.68 2.51 -2.83	37.88 2.86 -0.55	37.79 2.54 0.00	39.93 2.72 0.00	40.40 2.85 -6.28	44.56 2.92 -12.16	46.63 3.25 -9.23	53.72 3.46 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.42 2.07 -8.40	37.86 2.31 -1.58	34.60 2.04 -0.74
KIAC_JFK____ 323774	29.52 1.90 0.00	27.75 1.77 0.00	27.09 1.75 0.00	25.31 1.66 0.00	24.43 1.61 -0.19	25.75 1.64 0.00	29.04 1.98 -0.98	33.43 2.36 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	37.75 2.50 0.00	39.93 2.72 0.00	40.37 2.82 -6.28	44.56 2.92 -12.16	46.64 3.25 -9.23	53.72 3.46 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.34 2.13 -15.18	40.42 2.06 -8.40	37.86 2.31 -1.58	34.63 2.07 -0.74
KINTIGH____ 23543	26.84 -0.77 0.00	25.05 -0.94 0.00	24.41 -0.94 0.00	22.56 -1.09 0.00	21.65 -1.02 -0.02	23.26 -0.84 0.00	25.43 -0.78 -0.13	27.17 -1.32 -0.38	30.27 -1.44 -0.36	32.85 -1.69 -0.07	33.80 -1.41 0.04	35.65 -1.53 0.04	31.09 -0.97 -0.79	30.49 -0.56 -1.57	34.74 -0.61 -1.19	34.46 -0.46 -2.27	34.02 -0.22 -2.78	34.34 -0.25 -3.83	32.00 -0.26 -3.54	31.86 -0.39 -2.23	29.96 0.03 -1.90	30.91 -0.09 -1.05	32.43 -1.22 0.32	30.95 -0.92 -0.06
KNTFSRNC_46_KV_46KV_LOAD 80397	27.86 0.25 0.00	26.42 0.44 0.00	25.67 0.33 0.00	24.01 0.35 0.00	22.94 0.29 0.00	24.44 0.34 0.00	26.19 0.10 0.00	28.30 0.20 0.00	31.57 0.22 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.40 0.19 0.00	30.99 -0.28 0.00	29.19 -0.29 0.00	33.85 -0.31 0.00	32.22 -0.42 0.00	30.83 -0.63 0.00	30.27 -0.49 0.00	28.32 -0.40 0.00	29.51 -0.51 0.00	27.95 -0.08 0.00	29.80 -0.15 0.00	34.24 0.27 0.00	32.01 0.19 0.00

LACHUTE___HYDRO 323717	31.29 3.67 0.00	29.23 3.25 0.00	28.28 2.94 0.00	26.51 2.86 0.00	25.56 2.67 -0.25	27.00 2.89 0.00	30.83 3.44 -1.30	35.71 3.65 -3.95	39.38 4.26 -3.77	40.13 4.93 -0.74	40.64 5.39 0.00	42.76 5.55 0.00	55.97 4.57 -20.13	49.54 3.83 -16.22	51.19 4.72 -12.31	60.54 4.41 -23.50	64.60 4.37 -28.77	74.46 4.12 -39.57	78.76 4.05 -45.99	91.34 4.20 -57.12	81.20 4.51 -48.65	61.77 4.88 -26.93	44.12 5.09 -5.06	38.78 4.58 -2.38
LAWRNCV_115KV_TB1 80681	27.61 0.00 0.00	26.11 0.13 0.00	25.42 0.08 0.00	23.77 0.12 0.00	22.57 -0.07 0.00	23.91 -0.19 0.00	25.59 -0.50 0.00	27.60 -0.51 0.00	30.75 -0.60 0.00	33.85 -0.62 0.00	34.61 -0.63 0.00	36.47 -0.74 0.00	29.55 -1.72 0.00	27.86 -1.62 0.00	32.28 -1.88 0.00	30.69 -1.96 0.00	29.42 -2.05 0.00	28.85 -1.91 0.00	26.97 -1.75 0.00	28.16 -1.86 0.00	26.57 -1.46 0.00	28.54 -1.41 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
LEDERLE___ 23769	29.38 1.77 0.00	27.51 1.53 0.00	26.89 1.55 0.00	25.10 1.44 0.00	24.22 1.40 -0.18	25.53 1.42 0.00	28.74 1.72 -0.93	32.83 1.91 -2.81	36.23 2.19 -2.69	37.51 2.52 -0.52	37.68 2.43 0.00	39.78 2.57 0.00	39.87 2.63 -5.97	43.67 2.62 -11.56	45.87 2.94 -8.77	52.39 3.00 -16.75	54.96 2.99 -20.50	61.86 2.89 -28.21	57.58 2.64 -26.21	49.60 2.64 -16.94	44.42 1.96 -14.43	39.94 2.01 -7.99	37.61 2.14 -1.50	34.53 2.00 -0.70
LIGHTHSE_115KV_TB6 355974	27.25 -0.36 0.00	25.56 -0.42 0.00	24.91 -0.43 0.00	23.25 -0.40 0.00	22.22 -0.43 -0.01	23.70 -0.41 0.00	25.84 -0.31 -0.07	27.91 -0.39 -0.20	31.04 -0.50 -0.19	33.92 -0.59 -0.04	34.70 -0.56 -0.01	36.71 -0.52 -0.01	30.93 -0.34 0.00	29.96 -0.35 -0.83	34.38 -0.41 -0.63	33.39 -0.46 -1.20	32.49 -0.44 -1.47	32.38 -0.40 -2.02	30.04 -0.23 -1.54	29.84 -0.18 0.00	28.00 -0.03 0.00	30.04 0.09 0.00	33.95 -0.20 -0.19	31.58 -0.25 -0.01
LINDEN COGEN___ 23786	29.35 1.74 0.00	27.57 1.59 0.00	26.89 1.55 0.00	25.12 1.47 0.00	24.28 1.45 -0.19	25.53 1.42 0.00	28.81 1.75 -0.98	31.07 2.02 -0.94	31.38 2.23 2.20	31.38 2.48 5.57	31.34 2.36 6.27	31.30 2.53 8.45	32.26 2.66 1.67	33.38 2.77 -1.13	34.99 3.08 2.25	36.01 3.23 -0.13	38.39 3.21 -3.72	36.19 3.08 -2.35	36.19 2.79 -4.68	34.10 2.76 -1.32	32.90 1.96 -2.91	31.26 1.95 0.64	33.84 2.04 2.17	32.05 1.91 1.68
LINDHRST_69_KV_BK1 356055	35.76 2.90 -5.25	33.65 2.65 -5.02	32.35 2.66 -4.35	27.85 2.46 -1.74	28.95 2.40 -3.91	28.58 2.46 -2.02	31.21 2.84 -2.28	35.27 3.18 -3.99	39.39 3.61 -4.44	40.88 4.10 -2.31	47.34 3.88 -8.21	48.88 4.06 -7.61	53.67 3.88 -18.52	61.86 3.77 -28.60	72.99 4.27 -34.55	75.87 4.31 -38.92	120.38 4.25 -84.67	83.23 4.21 -48.26	69.78 3.93 -37.21	63.91 3.93 -29.96	58.31 3.20 -27.08	50.67 3.38 -17.34	46.99 3.63 -9.39	44.77 3.37 -9.57
LIPA_MISC_IPP 23656	35.96 3.09 -5.25	33.88 2.88 -5.02	32.60 2.91 -4.35	28.04 2.65 -1.74	29.14 2.58 -3.91	28.80 2.68 -2.02	31.45 3.08 -2.28	35.55 3.46 -3.99	39.67 3.89 -4.44	41.01 4.24 -2.31	47.26 3.81 -8.21	58.94 4.06 -17.67	65.42 3.85 -30.31	61.83 3.74 -28.61	72.96 4.24 -34.56	78.96 4.24 -42.07	124.89 4.18 -89.24	182.51 4.06 -147.69	149.67 3.76 -117.19	102.71 3.87 -68.82	60.83 3.14 -29.66	54.92 3.29 -21.67	46.89 3.53 -9.39	44.76 3.37 -9.57
LISF___SOLAR 323691	36.01 3.15 -5.25	33.93 2.93 -5.02	32.60 2.91 -4.35	28.06 2.67 -1.74	29.18 2.63 -3.91	28.82 2.70 -2.02	31.50 3.13 -2.28	35.63 3.54 -3.99	39.74 3.95 -4.44	40.94 4.17 -2.31	47.34 3.88 -8.21	59.16 4.13 -17.81	65.70 3.94 -30.49	61.90 3.80 -28.61	73.03 4.30 -34.56	79.10 4.34 -42.11	125.04 4.28 -89.30	184.00 4.18 -149.06	150.81 3.82 -118.27	103.34 3.99 -69.32	60.95 3.22 -29.70	55.07 3.38 -21.74	46.95 3.60 -9.39	44.89 3.50 -9.57
LITTLE FALLS___HYD 24013	27.53 -0.08 0.00	25.80 -0.18 0.00	25.22 -0.13 0.00	23.53 -0.12 0.00	22.55 -0.09 0.00	24.01 -0.10 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.44 0.22 0.00	31.52 0.25 0.00	29.63 0.15 0.00	34.30 0.14 0.00	32.74 0.10 0.00	31.62 0.16 0.00	30.91 0.15 0.00	28.84 0.11 0.00	30.17 0.15 0.00	28.11 0.08 0.00	30.07 0.12 0.00	34.03 0.07 0.00	31.85 0.03 0.00
LITTLRIV_115KV_TB1 356100	27.83 0.22 0.00	26.32 0.34 0.00	25.60 0.25 0.00	23.96 0.31 0.00	22.73 0.09 0.00	24.11 0.00 0.00	25.85 -0.23 0.00	27.91 -0.20 0.00	31.10 -0.25 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.95 -0.26 0.00	29.96 -1.31 0.00	28.21 -1.27 0.00	32.73 -1.43 0.00	31.08 -1.57 0.00	29.80 -1.67 0.00	29.22 -1.54 0.00	27.35 -1.38 0.00	28.55 -1.47 0.00	26.99 -1.04 0.00	28.96 -0.99 0.00	34.24 0.27 0.00	32.07 0.25 0.00
LI_NEWBRDGE___DRP 323616	35.13 2.26 -5.25	33.05 2.05 -5.01	31.77 2.08 -4.34	27.33 1.94 -1.74	28.43 1.88 -3.91	28.05 1.93 -2.02	30.58 2.22 -2.28	34.56 2.47 -3.98	38.61 2.82 -4.44	39.94 3.17 -2.30	46.42 2.96 -8.21	46.68 3.09 -6.38	48.92 3.03 -14.62	61.12 3.04 -28.60	72.13 3.42 -34.55	74.76 3.49 -38.62	119.16 3.46 -84.24	70.18 3.35 -36.07	59.91 3.07 -28.11	59.41 3.12 -26.27	56.66 2.38 -26.25	48.29 2.46 -15.89	46.07 2.72 -9.39	43.94 2.55 -9.57
LOCKPORT_115KV_TB60_63_64 80432	26.95 -0.66 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.56 -1.09 0.00	21.53 -1.13 -0.03	23.33 -0.77 0.00	25.23 -0.99 -0.14	26.89 -1.63 -0.41	30.02 -1.72 -0.40	32.51 -2.03 -0.08	33.70 -1.52 0.03	35.58 -1.60 0.03	31.14 -1.00 -0.87	30.42 -0.77 -1.70	34.57 -0.89 -1.29	34.39 -0.72 -2.47	34.08 -0.41 -3.02	34.49 -0.43 -4.16	32.15 -0.43 -3.86	32.13 -0.36 -2.47	30.27 0.14 -2.10	31.14 0.03 -1.16	32.21 -1.49 0.26	31.00 -0.89 -0.07
LOCKPORT___CC1 323769	26.92 -0.69 0.00	25.15 -0.83 0.00	24.46 -0.89 0.00	22.47 -1.18 0.00	21.54 -1.13 -0.03	23.31 -0.79 0.00	25.21 -1.02 -0.14	26.92 -1.60 -0.42	29.87 -1.88 -0.40	32.38 -2.17 -0.08	33.66 -1.55 0.03	35.54 -1.64 0.03	31.15 -1.00 -0.88	30.40 -0.79 -1.72	34.58 -0.89 -1.30	34.38 -0.75 -2.49	34.10 -0.41 -3.04	34.52 -0.43 -4.19	32.18 -0.43 -3.88	32.18 -0.33 -2.49	30.29 0.14 -2.12	31.15 0.03 -1.17	32.19 -1.53 0.25	31.00 -0.89 -0.07
LOCKPORT___CC2 323770	26.92 -0.69 0.00	25.15 -0.83 0.00	24.46 -0.89 0.00	22.47 -1.18 0.00	21.54 -1.13 -0.03	23.31 -0.79 0.00	25.21 -1.02 -0.14	26.92 -1.60 -0.42	29.87 -1.88 -0.40	32.38 -2.17 -0.08	33.66 -1.55 0.03	35.54 -1.64 0.03	31.15 -1.00 -0.88	30.40 -0.79 -1.72	34.58 -0.89 -1.30	34.38 -0.75 -2.49	34.10 -0.41 -3.04	34.52 -0.43 -4.19	32.18 -0.43 -3.88	32.18 -0.33 -2.49	30.29 0.14 -2.12	31.15 0.03 -1.17	32.19 -1.53 0.25	31.00 -0.89 -0.07
LOCKPORT___CC3 323771	26.92 -0.69 0.00	25.15 -0.83 0.00	24.46 -0.89 0.00	22.47 -1.18 0.00	21.54 -1.13 -0.03	23.31 -0.79 0.00	25.21 -1.02 -0.14	26.92 -1.60 -0.42	29.87 -1.88 -0.40	32.38 -2.17 -0.08	33.66 -1.55 0.03	35.54 -1.64 0.03	31.15 -1.00 -0.88	30.40 -0.79 -1.72	34.58 -0.89 -1.30	34.38 -0.75 -2.49	34.10 -0.41 -3.04	34.52 -0.43 -4.19	32.18 -0.43 -3.88	32.18 -0.33 -2.49	30.29 0.14 -2.12	31.15 0.03 -1.17	32.19 -1.53 0.25	31.00 -0.89 -0.07

LONG_LAKE_PHOENIX 24014	27.01 -0.61 0.00	25.31 -0.68 0.00	24.63 -0.71 0.00	22.99 -0.66 0.00	22.02 -0.63 -0.01	23.48 -0.63 0.00	25.61 -0.55 -0.07	27.66 -0.67 -0.22	30.84 -0.72 -0.21	33.65 -0.86 -0.04	34.50 -0.78 -0.03	36.42 -0.82 -0.03	30.77 -0.50 0.00	29.90 -0.50 -0.92	34.28 -0.58 -0.70	33.43 -0.55 -1.34	32.60 -0.50 -1.64	32.52 -0.49 -2.25	30.04 -0.40 -1.72	29.60 -0.42 0.00	27.75 -0.28 0.00	29.68 -0.27 0.00	33.66 -0.68 -0.37	31.21 -0.64 -0.03
LOVETT___3 23632	29.21 1.60 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.13 1.31 -0.18	25.43 1.33 0.00	28.61 1.59 -0.93	32.71 1.77 -2.83	36.09 2.04 -2.70	37.30 2.31 -0.53	37.43 2.19 0.00	39.48 2.27 0.00	39.65 2.38 -6.00	43.50 2.39 -11.63	45.68 2.70 -8.82	52.26 2.77 -16.84	54.82 2.74 -20.62	61.77 2.65 -28.37	57.49 2.41 -26.36	49.48 2.43 -17.03	44.30 1.77 -14.51	39.78 1.80 -8.03	37.41 1.94 -1.51	34.31 1.78 -0.71
LOVETT___4 23642	29.21 1.60 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.13 1.31 -0.18	25.43 1.33 0.00	28.61 1.59 -0.93	32.71 1.77 -2.83	36.09 2.04 -2.70	37.30 2.31 -0.53	37.43 2.19 0.00	39.48 2.27 0.00	39.65 2.38 -6.00	43.50 2.39 -11.63	45.68 2.70 -8.82	52.26 2.77 -16.84	54.82 2.74 -20.62	61.77 2.65 -28.37	57.49 2.41 -26.36	49.48 2.43 -17.03	44.30 1.77 -14.51	39.78 1.80 -8.03	37.41 1.94 -1.51	34.31 1.78 -0.71
LOVETT___5 23593	29.21 1.60 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.13 1.31 -0.18	25.43 1.33 0.00	28.61 1.59 -0.93	32.71 1.77 -2.83	36.09 2.04 -2.70	37.30 2.31 -0.53	37.43 2.19 0.00	39.48 2.27 0.00	39.65 2.38 -6.00	43.50 2.39 -11.63	45.68 2.70 -8.82	52.26 2.77 -16.84	54.82 2.74 -20.62	61.77 2.65 -28.37	57.49 2.41 -26.36	49.48 2.43 -17.03	44.30 1.77 -14.51	39.78 1.80 -8.03	37.41 1.94 -1.51	34.31 1.78 -0.71
LOWER RAQUET___HYD 24057	27.59 -0.03 0.00	26.01 0.03 0.00	25.39 0.05 0.00	23.72 0.07 0.00	22.51 -0.14 0.00	23.82 -0.29 0.00	25.51 -0.57 0.00	27.49 -0.62 0.00	30.63 -0.72 0.00	33.68 -0.79 0.00	34.44 -0.81 0.00	36.32 -0.89 0.00	29.43 -1.85 0.00	27.71 -1.77 0.00	32.11 -2.05 0.00	30.55 -2.09 0.00	29.26 -2.20 0.00	28.70 -2.06 0.00	26.86 -1.87 0.00	28.04 -1.98 0.00	26.46 -1.57 0.00	28.45 -1.50 0.00	33.76 -0.20 0.00	31.66 -0.16 0.00
LOWER___HUDSON 24059	29.13 1.52 0.00	27.38 1.40 0.00	26.66 1.32 0.00	24.91 1.25 0.00	24.10 1.22 -0.24	25.36 1.25 0.00	28.82 1.46 -1.27	33.48 1.52 -3.86	36.76 1.72 -3.69	37.05 1.86 -0.72	37.15 1.90 0.00	39.19 1.97 0.00	50.89 1.81 -17.81	46.99 1.65 -15.85	48.14 1.95 -12.03	57.43 1.83 -22.96	61.37 1.79 -28.11	71.19 1.75 -38.68	73.87 1.67 -43.48	82.32 1.77 -50.54	72.70 1.63 -43.04	55.48 1.71 -23.83	40.28 1.83 -4.48	35.70 1.78 -2.10
LOWVILLE_115KV_TB2 356335	27.67 0.06 0.00	26.03 0.05 0.00	25.37 0.03 0.00	23.70 0.05 0.00	22.58 -0.07 -0.01	24.06 -0.05 0.00	26.12 0.00 -0.04	28.21 0.00 -0.11	31.36 -0.09 -0.10	34.45 -0.03 -0.02	35.18 -0.07 0.00	37.21 0.00 0.00	31.05 -0.22 0.00	29.68 -0.24 -0.44	34.22 -0.27 -0.33	32.89 -0.39 -0.64	31.90 -0.35 -0.78	31.58 -0.25 -1.07	29.43 -0.11 -0.82	30.02 0.00 0.00	28.23 0.20 0.00	30.19 0.24 0.00	34.41 0.44 0.00	32.11 0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.57 1.96 0.00	27.70 1.71 0.00	27.02 1.67 0.00	25.24 1.58 0.00	24.40 1.52 -0.25	25.70 1.59 0.00	29.21 1.83 -1.30	33.96 1.91 -3.94	37.34 2.23 -3.76	37.68 2.48 -0.73	37.82 2.57 0.00	39.86 2.64 0.00	53.58 2.35 -19.96	47.74 2.06 -16.19	48.94 2.49 -12.28	58.44 2.35 -23.45	62.47 2.30 -28.71	72.47 2.21 -39.50	76.67 2.15 -45.79	88.90 2.25 -56.63	78.48 2.21 -48.24	59.02 2.37 -26.70	41.47 2.48 -5.02	36.56 2.39 -2.36
LUTHERNY_35_KV_BK2 355980	29.60 1.99 0.00	27.72 1.74 0.00	27.04 1.70 0.00	25.26 1.61 0.00	24.43 1.54 -0.25	25.72 1.62 0.00	29.24 1.85 -1.30	33.96 1.91 -3.94	37.34 2.23 -3.76	37.68 2.48 -0.73	37.82 2.57 0.00	39.89 2.68 0.00	53.61 2.38 -19.96	47.77 2.09 -16.19	48.94 2.49 -12.28	58.48 2.38 -23.45	62.50 2.33 -28.71	72.50 2.25 -39.50	76.70 2.18 -45.79	88.93 2.28 -56.63	78.51 2.24 -48.24	59.05 2.40 -26.70	41.50 2.51 -5.02	36.56 2.39 -2.36
LWR___OSWEGATCHIE_HYD 23850	27.48 -0.14 0.00	25.95 -0.03 0.00	25.27 -0.08 0.00	23.63 -0.02 0.00	22.44 -0.20 0.00	23.84 -0.27 0.00	25.67 -0.44 -0.03	27.71 -0.48 -0.08	30.83 -0.60 -0.07	33.86 -0.62 -0.01	34.58 -0.67 0.00	36.54 -0.67 0.00	30.05 -1.22 0.00	28.62 -1.18 -0.32	33.04 -1.37 -0.24	31.67 -1.44 -0.46	30.61 -1.42 -0.56	30.24 -1.29 -0.78	28.20 -1.12 -0.59	28.91 -1.11 0.00	27.24 -0.78 0.00	29.20 -0.75 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
LYONS_FALL_HYD 23570	27.95 0.33 0.00	26.19 0.21 0.00	25.55 0.20 0.00	23.82 0.17 0.00	22.76 0.11 -0.01	24.25 0.15 0.00	26.43 0.31 -0.03	28.57 0.36 -0.10	31.79 0.35 -0.09	34.97 0.48 -0.02	35.74 0.49 0.00	37.81 0.59 0.00	31.71 0.44 0.00	30.27 0.38 -0.40	34.91 0.44 -0.30	33.55 0.33 -0.58	32.58 0.41 -0.71	32.17 0.43 -0.98	29.90 0.43 -0.75	30.56 0.54 0.00	28.67 0.65 0.00	30.61 0.66 0.00	34.68 0.71 0.00	32.39 0.57 0.00
MADISON___COUNTY_LFGE 323628	28.19 0.58 0.00	26.34 0.36 0.00	25.70 0.35 0.00	23.98 0.33 0.00	22.92 0.27 -0.01	24.47 0.36 0.00	26.77 0.63 -0.05	28.92 0.65 -0.16	32.19 0.69 -0.16	35.33 0.83 -0.03	36.16 0.92 0.01	38.21 1.00 0.01	32.27 1.00 0.00	31.07 0.91 -0.68	35.77 1.09 -0.51	34.60 0.98 -0.98	33.73 1.07 -1.20	33.46 1.05 -1.65	30.96 0.98 -1.26	31.10 1.08 0.00	29.15 1.12 0.00	31.12 1.17 0.00	34.84 0.99 0.11	32.67 0.86 0.01
MALONE___115KV_TB1 356076	27.75 0.14 0.00	26.29 0.31 0.00	25.55 0.20 0.00	23.89 0.24 0.00	22.80 0.16 0.00	24.25 0.14 0.00	25.98 -0.10 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.58 -0.69 0.00	28.80 -0.68 0.00	33.41 -0.75 0.00	31.80 -0.85 0.00	30.39 -1.07 0.00	29.81 -0.95 0.00	27.89 -0.83 0.00	29.09 -0.93 0.00	27.53 -0.50 0.00	29.41 -0.54 0.00	34.07 0.10 0.00	31.85 0.03 0.00
MAPLEWOD_115KV_TB3 80458	29.10 1.49 0.00	27.28 1.30 0.00	26.61 1.27 0.00	24.86 1.21 0.00	24.06 1.18 -0.24	25.31 1.21 0.00	28.74 1.38 -1.27	33.36 1.41 -3.85	36.66 1.63 -3.68	37.01 1.83 -0.72	37.12 1.87 0.00	39.15 1.94 0.00	49.10 1.81 -16.02	46.99 1.68 -15.83	48.19 2.02 -12.01	57.46 1.89 -22.92	61.38 1.86 -28.06	71.18 1.81 -38.61	72.44 1.69 -42.02	77.23 1.77 -45.44	68.34 1.60 -38.71	53.08 1.71 -21.43	39.83 1.83 -4.03	35.46 1.75 -1.89
MAPLE RIDGE_WT_1 323574	27.45 -0.16 0.00	25.85 -0.13 0.00	25.22 -0.13 0.00	23.56 -0.09 0.00	22.53 -0.11 0.00	23.99 -0.12 0.00	25.93 -0.16 0.00	27.94 -0.17 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.99 -0.22 0.00	30.96 -0.31 0.00	29.19 -0.29 0.00	33.82 -0.34 0.00	32.29 -0.36 0.00	31.09 -0.38 0.00	30.42 -0.34 0.00	28.41 -0.32 0.00	29.69 -0.33 0.00	27.75 -0.28 0.00	29.65 -0.30 0.00	33.76 -0.20 0.00	31.63 -0.19 0.00

MAPLE RIDGE_WT_2 323611	27.45 -0.16 0.00	25.85 -0.13 0.00	25.22 -0.13 0.00	23.56 -0.09 0.00	22.53 -0.11 0.00	23.99 -0.12 0.00	25.93 -0.16 0.00	27.94 -0.17 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.99 -0.22 0.00	30.96 -0.31 0.00	29.19 -0.29 0.00	33.82 -0.34 0.00	32.29 -0.36 0.00	31.09 -0.38 0.00	30.42 -0.34 0.00	28.41 -0.32 0.00	29.69 -0.33 0.00	27.75 -0.28 0.00	29.65 -0.30 0.00	33.76 -0.20 0.00	31.63 -0.19 0.00
MARBLE RIVER_WT_PWR 323696	27.61 0.00 0.00	26.11 0.13 0.00	25.47 0.13 0.00	23.82 0.17 0.00	22.75 0.11 0.00	24.23 0.12 0.00	26.01 -0.08 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.10 -0.11 0.00	30.74 -0.53 0.00	28.95 -0.53 0.00	33.55 -0.61 0.00	31.99 -0.65 0.00	30.68 -0.79 0.00	30.05 -0.71 0.00	28.09 -0.63 0.00	29.30 -0.72 0.00	27.61 -0.42 0.00	29.50 -0.45 0.00	33.93 -0.03 0.00	31.76 -0.06 0.00
MARSHVLE_115KV_TB1 80742	30.10 2.49 0.00	28.24 2.26 0.00	27.52 2.18 0.00	25.71 2.06 0.00	24.89 1.95 -0.30	26.25 2.15 0.00	30.13 2.48 -1.57	35.44 2.59 -4.75	38.71 2.82 -4.54	38.42 3.07 -0.89	38.53 3.28 0.00	40.64 3.42 0.00	51.93 3.03 -17.63	51.58 2.56 -19.54	52.09 3.11 -14.82	63.88 2.94 -28.29	69.13 3.02 -34.64	81.49 3.08 -47.66	81.88 2.96 -50.19	83.25 3.21 -50.02	73.75 3.11 -42.61	56.98 3.44 -23.59	41.83 3.43 -4.43	37.05 3.15 -2.08
MARSH_HILL_WT_PWR 323713	27.95 0.33 0.00	26.08 0.10 0.00	25.34 0.00 0.00	23.46 -0.19 0.00	22.47 -0.20 -0.04	24.18 0.07 0.00	26.30 0.03 -0.19	28.42 -0.25 -0.57	31.51 -0.37 -0.54	33.99 -0.59 -0.11	35.26 0.04 0.02	37.30 0.11 0.00	33.02 0.50 -1.25	32.07 0.26 -2.32	36.34 0.41 -1.76	36.37 0.36 -3.36	36.25 0.66 -4.12	37.07 0.65 -5.67	34.66 0.63 -5.31	34.54 0.96 -3.56	32.29 1.23 -3.03	32.94 1.32 -1.68	33.89 -0.07 0.01	32.33 0.38 -0.13
MCINTYRE_115KV_TB2 80467	27.92 0.30 0.00	26.42 0.44 0.00	25.70 0.35 0.00	24.05 0.40 0.00	22.89 0.25 0.00	24.30 0.19 0.00	26.06 -0.03 0.00	28.16 0.06 0.00	31.32 -0.03 0.00	34.50 0.03 0.00	35.28 0.04 0.00	37.21 0.00 0.00	30.21 -1.06 0.00	28.45 -1.03 0.00	33.00 -1.16 0.00	31.34 -1.31 0.00	30.08 -1.38 0.00	29.47 -1.29 0.00	27.58 -1.15 0.00	28.85 -1.17 0.00	27.27 -0.76 0.00	29.23 -0.72 0.00	34.44 0.48 0.00	32.20 0.38 0.00
MECO____69_KV_BK1 80468	31.34 3.73 0.00	28.79 2.81 0.00	28.05 2.71 0.00	26.21 2.55 0.00	25.35 2.42 -0.28	26.78 2.68 0.00	31.12 3.55 -1.49	36.24 3.63 -4.50	39.54 3.89 -4.30	39.34 4.03 -0.84	39.51 4.27 0.00	41.61 4.39 0.00	53.87 3.75 -18.85	51.21 3.21 -18.51	52.17 3.96 -14.05	63.31 3.85 -26.81	68.41 4.12 -32.83	80.20 4.28 -45.16	82.19 4.22 -49.25	88.06 4.56 -53.48	78.18 4.60 -45.55	60.14 4.97 -25.22	43.77 5.06 -4.74	38.72 4.68 -2.23
MENANDS__115KV_TB5 355628	28.83 1.21 0.00	27.05 1.07 0.00	26.38 1.04 0.00	24.65 0.99 0.00	23.88 1.00 -0.24	25.09 0.99 0.00	28.50 1.15 -1.26	33.08 1.15 -3.83	36.32 1.32 -3.66	36.66 1.48 -0.71	36.73 1.48 0.00	38.74 1.53 0.00	47.90 1.47 -15.15	46.56 1.36 -15.73	47.73 1.64 -11.93	56.92 1.50 -22.78	60.83 1.48 -27.89	70.54 1.41 -38.36	71.21 1.32 -41.16	74.40 1.38 -43.00	65.86 1.21 -36.62	51.51 1.29 -20.27	39.17 1.39 -3.81	34.98 1.37 -1.79
MG INDUSTRY__DRP 24185	28.91 1.30 0.00	27.12 1.14 0.00	26.46 1.12 0.00	24.72 1.06 0.00	23.92 1.04 -0.23	25.17 1.06 0.00	28.54 1.23 -1.23	33.04 1.21 -3.72	36.26 1.35 -3.56	36.64 1.48 -0.69	36.76 1.52 0.00	38.78 1.56 0.00	44.34 1.47 -11.60	46.12 1.33 -15.31	47.38 1.61 -11.62	56.28 1.47 -22.17	60.02 1.42 -27.15	69.49 1.38 -37.34	67.59 1.26 -37.60	64.28 1.35 -32.91	57.27 1.21 -28.04	46.79 1.32 -15.52	38.34 1.46 -2.92	34.65 1.46 -1.37
MID__OSWEGATCHIE_HYD 23849	27.48 -0.14 0.00	25.95 -0.03 0.00	25.27 -0.08 0.00	23.63 -0.02 0.00	22.44 -0.20 0.00	23.84 -0.27 0.00	25.67 -0.44 -0.03	27.71 -0.48 -0.08	30.83 -0.60 -0.07	33.86 -0.62 -0.01	34.58 -0.67 0.00	36.54 -0.67 0.00	30.05 -1.22 0.00	28.62 -1.18 -0.32	33.04 -1.37 -0.24	31.67 -1.44 -0.46	30.61 -1.42 -0.56	30.24 -1.29 -0.78	28.20 -1.12 -0.59	28.91 -1.11 0.00	27.24 -0.78 0.00	29.20 -0.75 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
MID__RAQUETTE_HYD 23851	27.59 -0.03 0.00	26.08 0.10 0.00	25.39 0.05 0.00	23.75 0.09 0.00	22.51 -0.14 0.00	23.82 -0.29 0.00	25.49 -0.60 0.00	27.49 -0.62 0.00	30.63 -0.72 0.00	33.68 -0.79 0.00	34.44 -0.81 0.00	36.32 -0.89 0.00	29.43 -1.85 0.00	27.71 -1.77 0.00	32.11 -2.05 0.00	30.55 -2.09 0.00	29.26 -2.20 0.00	28.70 -2.06 0.00	26.86 -1.87 0.00	28.04 -1.98 0.00	26.46 -1.57 0.00	28.45 -1.50 0.00	33.76 -0.20 0.00	31.66 -0.16 0.00
MILLIKEN__1 23584	28.14 0.52 0.00	26.27 0.29 0.00	25.57 0.23 0.00	23.84 0.19 0.00	22.86 0.18 -0.03	24.40 0.29 0.00	26.76 0.50 -0.18	29.08 0.42 -0.55	32.31 0.44 -0.52	34.98 0.41 -0.10	35.81 0.56 0.01	37.84 0.63 0.01	33.28 0.75 -1.26	32.35 0.62 -2.25	36.66 0.79 -1.71	36.66 0.75 -3.26	36.27 0.82 -3.99	37.11 0.86 -5.49	34.74 0.83 -5.18	34.59 0.99 -3.58	32.14 1.07 -3.05	32.83 1.20 -1.69	34.94 0.75 -0.23	32.69 0.73 -0.14
MILLIKEN__2 23585	28.14 0.52 0.00	26.27 0.29 0.00	25.57 0.23 0.00	23.84 0.19 0.00	22.86 0.18 -0.03	24.40 0.29 0.00	26.76 0.50 -0.18	29.08 0.42 -0.55	32.31 0.44 -0.52	34.98 0.41 -0.10	35.81 0.56 0.01	37.84 0.63 0.01	33.28 0.75 -1.26	32.35 0.62 -2.25	36.66 0.79 -1.71	36.66 0.75 -3.26	36.27 0.82 -3.99	37.11 0.86 -5.49	34.74 0.83 -5.18	34.59 0.99 -3.58	32.14 1.07 -3.05	32.83 1.20 -1.69	34.94 0.75 -0.23	32.69 0.73 -0.14
MILLIKEN__DIESEL 23629	28.14 0.52 0.00	26.27 0.29 0.00	25.57 0.23 0.00	23.84 0.19 0.00	22.86 0.18 -0.03	24.40 0.29 0.00	26.76 0.50 -0.18	29.08 0.42 -0.55	32.31 0.44 -0.52	34.98 0.41 -0.10	35.81 0.56 0.01	37.84 0.63 0.01	33.28 0.75 -1.26	32.35 0.62 -2.25	36.66 0.79 -1.71	36.66 0.75 -3.26	36.27 0.82 -3.99	37.11 0.86 -5.49	34.74 0.83 -5.18	34.59 0.99 -3.58	32.14 1.07 -3.05	32.83 1.20 -1.69	34.94 0.75 -0.23	32.69 0.73 -0.14
MILLSEAT__LFGE 323607	27.42 -0.19 0.00	25.62 -0.36 0.00	24.89 -0.46 0.00	22.89 -0.76 0.00	21.94 -0.73 -0.03	23.72 -0.39 0.00	25.70 -0.52 -0.13	27.52 -0.98 -0.40	30.54 -1.19 -0.38	33.16 -1.38 -0.07	34.40 -0.81 0.03	36.29 -0.89 0.03	31.80 -0.31 -0.84	30.99 -0.15 -1.65	35.24 -0.17 -1.25	35.00 -0.03 -2.39	34.55 0.16 -2.93	34.91 0.12 -4.03	32.54 0.09 -3.73	32.58 0.18 -2.38	30.78 0.73 -2.03	31.73 0.66 -1.12	32.95 -0.75 0.27	31.60 -0.29 -0.06
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.35 1.74 0.00	27.51 1.53 0.00	26.91 1.57 0.00	25.12 1.47 0.00	24.25 1.43 -0.18	25.53 1.42 0.00	28.75 1.70 -0.97	32.98 1.94 -2.94	36.35 2.19 -2.81	37.50 2.48 -0.55	37.65 2.40 0.00	39.74 2.53 0.00	40.07 2.56 -6.23	44.20 2.65 -12.07	46.32 3.01 -9.16	53.19 3.07 -17.48	76.59 3.02 -42.11	69.17 2.95 -35.45	58.75 2.67 -27.35	50.43 2.73 -17.68	45.08 1.99 -15.06	40.26 1.98 -8.34	37.61 2.07 -1.57	34.46 1.91 -0.74

MILLWOOD_13_KV_LOAD 356217	29.44 1.82 0.00	27.59 1.61 0.00	26.99 1.65 0.00	25.19 1.54 0.00	24.32 1.49 -0.18	25.60 1.49 0.00	28.83 1.77 -0.97	33.09 2.05 -2.94	36.50 2.35 -2.81	37.67 2.65 -0.55	37.79 2.54 0.00	39.89 2.68 0.00	40.22 2.72 -6.23	44.47 2.92 -12.07	46.63 3.31 -9.16	53.48 3.36 -17.48	76.88 3.30 -42.11	69.47 3.26 -35.45	59.04 2.96 -27.35	50.70 3.00 -17.68	45.33 2.24 -15.06	40.44 2.16 -8.34	37.71 2.17 -1.57	34.56 2.00 -0.74
MODEL_CITY_ENERGY 24167	26.67 -0.94 0.00	24.94 -1.04 0.00	24.18 -1.17 0.00	22.21 -1.44 0.00	21.29 -1.38 -0.03	23.12 -0.99 0.00	24.95 -1.28 -0.14	26.62 -1.91 -0.42	29.53 -2.22 -0.40	31.96 -2.59 -0.08	33.24 -1.97 0.03	35.06 -2.12 0.03	30.79 -1.38 -0.89	30.07 -1.15 -1.74	34.18 -1.30 -1.32	34.01 -1.14 -2.51	33.76 -0.79 -3.08	34.19 -0.80 -4.23	31.88 -0.77 -3.93	31.82 -0.72 -2.52	29.95 -0.23 -2.15	30.75 -0.39 -1.19	31.82 -1.90 0.25	30.62 -1.27 -0.07
MODERN_LFGE_ 323580	26.67 -0.94 0.00	24.94 -1.04 0.00	24.18 -1.17 0.00	22.21 -1.44 0.00	21.29 -1.38 -0.03	23.12 -0.99 0.00	24.95 -1.28 -0.14	26.62 -1.91 -0.42	29.53 -2.22 -0.40	31.96 -2.59 -0.08	33.24 -1.97 0.03	35.06 -2.12 0.03	30.79 -1.38 -0.89	30.07 -1.15 -1.74	34.18 -1.30 -1.32	34.01 -1.14 -2.51	33.76 -0.79 -3.08	34.19 -0.80 -4.23	31.88 -0.77 -3.93	31.82 -0.72 -2.52	29.95 -0.23 -2.15	30.75 -0.39 -1.19	31.82 -1.90 0.25	30.62 -1.27 -0.07
MOHAWK_PAPER___DRP 24187	29.10 1.49 0.00	27.28 1.30 0.00	26.61 1.27 0.00	24.86 1.21 0.00	24.06 1.18 -0.24	25.31 1.21 0.00	28.74 1.38 -1.27	33.36 1.41 -3.85	36.66 1.63 -3.68	37.01 1.83 -0.72	37.12 1.87 0.00	39.15 1.94 0.00	49.10 1.81 -16.02	46.99 1.68 -15.83	48.19 2.02 -12.01	57.46 1.89 -22.92	61.38 1.86 -28.06	71.18 1.81 -38.61	72.44 1.69 -42.02	77.23 1.77 -45.44	68.34 1.60 -38.71	53.08 1.71 -21.43	39.83 1.83 -4.03	35.46 1.75 -1.89
MOHICAN___35_KV_115KV_LD 80490	29.74 2.13 0.00	27.80 1.82 0.00	27.12 1.77 0.00	25.36 1.70 0.00	24.50 1.61 -0.25	25.82 1.71 0.00	29.37 1.98 -1.30	34.13 2.08 -3.94	37.59 2.48 -3.77	37.99 2.79 -0.73	38.10 2.86 0.00	40.15 2.94 0.00	53.86 2.53 -20.06	47.78 2.09 -16.21	49.02 2.56 -12.30	58.50 2.38 -23.48	62.57 2.36 -28.74	72.52 2.21 -39.54	76.90 2.27 -45.90	89.31 2.37 -56.92	79.09 2.58 -48.48	59.54 2.76 -26.84	41.87 2.85 -5.05	36.86 2.67 -2.37
MONGAUP___HYD 23641	29.10 1.49 0.00	27.20 1.22 0.00	26.53 1.19 0.00	24.76 1.11 0.00	23.89 1.09 -0.16	25.22 1.11 0.00	28.36 1.41 -0.87	32.16 1.43 -2.62	35.49 1.63 -2.51	36.78 1.83 -0.49	36.97 1.73 0.00	39.04 1.82 0.00	38.72 1.88 -5.57	42.10 1.83 -10.79	44.33 1.98 -8.19	50.36 2.09 -15.62	52.73 2.14 -19.13	59.20 2.12 -26.32	55.16 1.98 -24.45	47.87 2.04 -15.81	43.01 1.51 -13.46	39.08 1.68 -7.45	37.17 1.80 -1.40	34.23 1.75 -0.66
MONTAUK___DIESEL 23721	37.45 4.58 -5.25	35.28 4.29 -5.02	34.00 4.31 -4.35	29.32 3.93 -1.74	30.36 3.80 -3.91	30.08 3.95 -2.02	32.88 4.51 -2.28	37.21 5.12 -3.99	41.68 5.89 -4.44	43.32 6.55 -2.31	49.80 6.34 -8.21	61.80 6.85 -17.73	67.93 6.29 -30.37	64.25 6.16 -28.61	75.80 7.07 -34.56	81.72 6.99 -42.09	127.49 6.76 -89.27	185.72 6.67 -148.29	152.51 6.12 -117.66	105.34 6.27 -69.04	62.98 5.27 -29.68	57.01 5.36 -21.70	48.93 5.57 -9.39	46.67 5.28 -9.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.92 0.30 0.00	25.98 0.00 0.00	25.29 -0.05 0.00	23.32 -0.33 0.00	22.35 -0.32 -0.03	24.15 0.05 0.00	26.09 -0.16 -0.16	28.11 -0.48 -0.48	31.40 -0.41 -0.46	34.04 -0.52 -0.09	35.47 0.25 0.03	37.67 0.48 0.03	33.09 0.78 -1.04	32.00 0.53 -1.99	36.06 0.38 -1.52	35.84 0.29 -2.91	35.74 0.72 -3.56	36.27 0.62 -4.89	33.80 0.52 -4.56	34.00 0.99 -2.99	31.84 1.26 -2.55	32.71 1.35 -1.41	33.27 -0.54 0.15	32.23 0.32 -0.09
MORTIMER_115KV_TB3 55949	27.39 -0.22 0.00	25.62 -0.36 0.00	24.94 -0.41 0.00	23.13 -0.52 0.00	22.16 -0.50 -0.02	23.72 -0.39 0.00	25.96 -0.23 -0.11	27.89 -0.56 -0.34	31.11 -0.56 -0.33	33.91 -0.62 -0.06	34.79 -0.42 0.04	36.73 -0.45 0.04	31.90 -0.06 -0.69	31.09 0.21 -1.41	35.47 0.24 -1.07	35.04 0.36 -2.04	34.30 0.35 -2.49	34.50 0.31 -3.43	32.17 0.29 -3.16	32.15 0.18 -1.95	30.25 0.56 -1.66	31.38 0.51 -0.92	33.32 -0.31 0.35	31.64 -0.22 -0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.55 1.93 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.59 2.95 -12.16	46.70 3.31 -9.23	53.72 3.46 -17.61	77.17 3.43 -42.28	69.74 3.29 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.39 2.19 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.69 2.13 -0.74
MUNSVILLE_WIND_PWR 323609	29.60 1.99 0.00	27.62 1.64 0.00	26.84 1.49 0.00	25.00 1.35 0.00	23.91 1.22 -0.05	25.63 1.52 0.00	28.39 2.04 -0.27	31.11 2.19 -0.81	34.28 2.16 -0.78	37.13 2.51 -0.15	37.92 2.68 0.01	40.18 2.98 0.01	36.46 2.72 -2.47	35.23 2.42 -3.33	39.59 2.90 -2.53	40.05 2.58 -4.83	40.21 2.83 -5.91	41.78 2.89 -8.13	39.62 2.76 -8.14	40.17 3.15 -7.00	37.18 3.19 -5.96	36.60 3.35 -3.30	37.50 3.02 -0.51	34.78 2.67 -0.28
N SALMON___HYD 24042	27.75 0.14 0.00	26.21 0.23 0.00	25.55 0.20 0.00	23.89 0.24 0.00	22.80 0.16 0.00	24.25 0.15 0.00	26.01 -0.08 0.00	28.08 -0.03 0.00	31.32 -0.03 0.00	34.40 -0.07 0.00	35.18 -0.07 0.00	37.14 -0.07 0.00	30.58 -0.69 0.00	28.81 -0.68 0.00	33.41 -0.75 0.00	31.80 -0.85 0.00	30.39 -1.07 0.00	29.81 -0.95 0.00	27.89 -0.83 0.00	29.09 -0.93 0.00	27.53 -0.50 0.00	29.41 -0.54 0.00	34.07 0.10 0.00	31.85 0.03 0.00
N.AKRON___115KV_KNAPP 355671	27.42 -0.19 0.00	25.56 -0.42 0.00	24.89 -0.46 0.00	22.99 -0.66 0.00	21.94 -0.72 -0.03	23.70 -0.41 0.00	25.72 -0.50 -0.13	27.50 -1.01 -0.40	30.67 -1.07 -0.39	33.30 -1.24 -0.08	34.40 -0.81 0.03	36.32 -0.86 0.03	31.77 -0.34 -0.84	31.00 -0.15 -1.66	35.25 -0.17 -1.26	35.02 -0.03 -2.41	34.57 0.16 -2.95	34.97 0.15 -4.06	32.60 0.11 -3.76	32.63 0.21 -2.40	30.80 0.73 -2.04	31.74 0.66 -1.13	32.95 -0.75 0.27	31.63 -0.25 -0.07
N.BELMOR_69_KV_BK1 55787	35.38 2.51 -5.25	33.26 2.26 -5.02	31.97 2.28 -4.35	27.52 2.13 -1.74	28.61 2.06 -3.91	28.22 2.10 -2.02	30.79 2.43 -2.28	34.79 2.70 -3.99	38.83 3.04 -4.44	40.25 3.48 -2.31	46.70 3.24 -8.21	47.10 3.35 -6.53	49.20 3.31 -14.62	61.41 3.33 -28.60	72.51 3.79 -34.55	75.12 3.85 -38.62	119.51 3.81 -84.24	72.10 3.72 -37.61	61.10 3.42 -28.96	59.77 3.48 -26.27	56.97 2.69 -26.25	48.62 2.79 -15.89	46.38 3.02 -9.39	44.22 2.83 -9.57
N.E._GEN_SANDY PD 24062	29.84 1.49 -0.74	30.10 1.40 -2.72	28.30 1.37 -1.59	27.20 1.30 -2.25	27.30 1.27 -3.39	28.53 1.28 -3.15	30.71 1.49 -3.14	33.10 1.57 -3.42	36.90 1.75 -3.80	37.00 1.89 -0.64	37.08 1.83 0.00	39.11 1.90 0.00	42.30 1.88 -9.15	45.34 1.80 -14.06	46.91 2.08 -10.67	55.00 1.99 -20.36	58.38 1.98 -24.93	67.00 1.94 -34.30	63.86 1.78 -33.36	57.88 1.89 -25.97	51.69 1.54 -22.12	43.78 1.59 -12.25	38.00 1.73 -2.30	34.90 1.69 -1.40

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.27 1.66 0.00	27.44 1.45 0.00	26.81 1.47 0.00	25.02 1.37 0.00	24.15 1.34 -0.18	25.43 1.33 0.00	28.63 1.62 -0.93	32.73 1.80 -2.82	36.11 2.07 -2.70	37.34 2.34 -0.53	37.50 2.26 0.00	39.56 2.34 0.00	39.70 2.44 -5.99	43.53 2.45 -11.60	45.73 2.77 -8.80	52.25 2.81 -16.80	54.83 2.80 -20.57	61.76 2.71 -28.30	57.49 2.47 -26.29	49.50 2.49 -16.99	44.30 1.79 -14.47	39.82 1.86 -8.01	37.44 1.97 -1.51	34.37 1.85 -0.71
N. QUEENS_27_KV_LOAD 356247	29.80 2.18 -0.01	27.94 1.95 -0.01	27.33 1.98 -0.01	25.48 1.82 -0.01	24.62 1.79 -0.19	25.91 1.81 0.00	29.07 2.01 -0.98	33.34 2.28 -2.96	36.56 2.38 -2.83	37.81 2.79 -0.55	38.00 2.75 0.00	40.23 3.01 0.00	40.74 3.19 -6.28	44.89 3.24 -12.17	46.98 3.59 -9.24	54.02 3.75 -17.62	77.46 3.71 -42.29	70.02 3.57 -35.69	59.55 3.25 -27.58	51.00 3.15 -17.83	45.51 2.30 -15.18	40.75 2.40 -8.40	38.14 2.58 -1.59	34.95 2.39 -0.75
N. TROY___115KV_TB1 355778	29.13 1.52 0.00	27.33 1.35 0.00	26.66 1.32 0.00	24.91 1.25 0.00	24.11 1.22 -0.24	25.36 1.25 0.00	28.82 1.46 -1.27	33.48 1.52 -3.86	36.76 1.72 -3.69	37.08 1.90 -0.72	37.15 1.90 0.00	39.15 1.94 0.00	50.90 1.81 -17.81	46.99 1.65 -15.85	48.14 1.95 -12.03	57.43 1.83 -22.96	61.37 1.79 -28.11	71.19 1.75 -38.68	73.87 1.67 -43.48	82.32 1.77 -50.54	72.70 1.63 -43.04	55.48 1.71 -23.83	40.28 1.83 -4.48	35.70 1.78 -2.10
NARROWS_GT1_1 24228	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_2 24229	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_3 24230	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_4 24231	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_5 24232	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_6 24233	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_7 24234	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT1_8 24235	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_1 24236	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_2 24237	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_3 24238	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_4 24239	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74

NARROWS_GT2_5 24240	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_6 24241	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_7 24242	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NARROWS_GT2_8 24243	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.38 1.77 0.00	27.46 1.48 0.00	26.79 1.44 0.00	25.02 1.37 0.00	24.18 1.31 -0.22	25.46 1.35 0.00	28.75 1.49 -1.17	32.99 1.32 -3.56	36.22 1.47 -3.40	36.79 1.65 -0.66	37.08 1.83 0.00	39.15 1.94 0.00	43.96 1.75 -10.93	45.43 1.33 -14.62	46.76 1.50 -11.10	55.23 1.40 -21.18	58.84 1.45 -25.93	67.85 1.41 -35.68	65.91 1.38 -35.80	62.51 1.47 -31.02	55.80 1.35 -26.42	46.22 1.65 -14.63	38.52 1.80 -2.75	34.86 1.75 -1.29
NCHELSEA_115KV_TR2 355582	29.46 1.85 0.00	27.57 1.58 0.00	26.97 1.62 0.00	25.17 1.51 0.00	24.28 1.45 -0.19	25.58 1.47 0.00	28.81 1.75 -0.98	32.93 1.86 -2.97	36.31 2.13 -2.84	37.47 2.45 -0.55	37.65 2.40 0.00	39.74 2.53 0.00	40.21 2.60 -6.35	44.21 2.54 -12.19	46.21 2.80 -9.25	53.17 2.87 -17.66	55.91 2.83 -21.62	63.30 2.80 -29.74	58.96 2.56 -27.68	50.64 2.61 -18.01	45.33 1.96 -15.34	40.51 2.07 -8.49	37.74 2.17 -1.60	34.60 2.04 -0.75
NEG CAPITAL___MECHNVIL 23645	29.63 2.01 0.00	27.83 1.84 0.00	27.04 1.70 0.00	25.28 1.63 0.00	24.45 1.56 -0.24	25.75 1.64 0.00	29.26 1.88 -1.29	33.99 1.97 -3.91	37.35 2.26 -3.74	37.71 2.51 -0.73	37.89 2.64 0.00	39.97 2.75 0.00	53.12 2.44 -19.40	47.75 2.18 -16.09	48.96 2.59 -12.21	58.39 2.45 -23.30	62.45 2.46 -28.53	72.37 2.37 -39.24	76.16 2.27 -45.16	87.45 2.37 -55.06	77.22 2.30 -46.90	58.33 2.42 -25.96	41.40 2.55 -4.88	36.53 2.42 -2.29
NEG CENTRAL_HIGH_ACRES 23767	27.03 -0.58 0.00	25.30 -0.68 0.00	24.61 -0.74 0.00	22.82 -0.83 0.00	21.87 -0.79 -0.02	23.38 -0.72 0.00	25.65 -0.55 -0.11	27.65 -0.79 -0.33	30.76 -0.91 -0.32	33.53 -1.00 -0.06	34.52 -0.70 0.03	36.44 -0.74 0.03	31.63 -0.31 -0.67	30.67 -0.18 -1.36	35.03 -0.17 -1.03	34.55 -0.07 -1.98	33.82 -0.06 -2.42	33.99 -0.09 -3.33	31.67 -0.11 -3.06	31.70 -0.21 -1.89	29.81 0.17 -1.61	30.99 0.15 -0.89	33.11 -0.65 0.21	31.27 -0.61 -0.05
NEG CENTRAL___DRP 24199	27.64 0.03 0.00	25.80 -0.18 0.00	25.12 -0.23 0.00	23.39 -0.26 0.00	22.41 -0.25 -0.02	23.99 -0.12 0.00	26.23 0.03 -0.12	28.36 -0.11 -0.36	31.60 -0.09 -0.35	34.26 -0.28 -0.07	35.20 -0.04 0.01	37.24 0.04 0.01	32.29 0.28 -0.74	31.20 0.24 -1.48	35.56 0.27 -1.13	35.05 0.26 -2.15	34.44 0.35 -2.63	34.72 0.34 -3.62	32.41 0.34 -3.34	32.54 0.42 -2.10	30.47 0.64 -1.79	31.63 0.69 -0.99	33.98 0.00 -0.01	32.02 0.13 -0.08
NEG CENTRAL___INDECK 23768	28.39 0.77 0.00	26.50 0.52 0.00	25.72 0.38 0.00	23.82 0.17 0.00	22.81 0.14 -0.03	24.47 0.36 0.00	26.79 0.55 -0.16	28.72 0.14 -0.48	31.65 -0.16 -0.46	34.21 -0.34 -0.09	35.04 -0.18 0.03	36.93 -0.26 0.03	32.42 0.13 -1.03	31.62 0.18 -1.96	36.12 0.48 -1.49	36.00 0.52 -2.84	35.66 0.72 -3.47	36.40 0.86 -4.78	34.29 1.12 -4.45	34.22 1.29 -2.91	32.33 1.82 -2.48	33.24 1.92 -1.37	34.67 0.85 0.14	32.87 0.95 -0.09
NEG CENTRAL___SENECA 23627	27.78 0.17 0.00	25.82 -0.16 0.00	25.14 -0.20 0.00	23.39 -0.26 0.00	22.42 -0.25 -0.03	24.01 -0.10 0.00	26.32 0.10 -0.13	28.42 -0.08 -0.40	31.67 -0.06 -0.38	34.23 -0.31 -0.07	35.23 0.00 0.02	37.23 0.04 0.02	32.45 0.34 -0.84	31.48 0.35 -1.64	35.78 0.38 -1.25	35.38 0.36 -2.38	34.85 0.47 -2.91	35.23 0.46 -4.01	32.90 0.46 -3.72	32.94 0.54 -2.38	30.92 0.87 -2.03	31.97 0.90 -1.12	33.86 0.00 0.10	32.12 0.22 -0.08
NEG CENTRAL___STATE_STREET 24147	27.78 0.17 0.00	26.14 0.16 0.00	25.44 0.10 0.00	23.70 0.05 0.00	22.71 0.05 -0.02	24.27 0.17 0.00	26.36 0.16 -0.12	28.54 0.08 -0.35	31.84 0.16 -0.34	34.64 0.10 -0.07	35.57 0.32 0.00	37.62 0.41 0.00	32.53 0.53 -0.73	31.37 0.44 -1.45	35.81 0.55 -1.10	35.30 0.55 -2.10	34.60 0.57 -2.57	34.85 0.55 -3.53	32.51 0.52 -3.27	32.68 0.60 -2.06	30.49 0.70 -1.76	31.70 0.78 -0.97	34.46 0.31 -0.18	32.16 0.25 -0.09
NEG MILLWOOD___DRP 24198	29.60 1.99 0.00	27.72 1.74 0.00	27.09 1.75 0.00	25.33 1.68 0.00	24.44 1.61 -0.19	25.70 1.59 0.00	29.01 1.93 -0.99	33.30 2.19 -3.00	36.73 2.51 -2.87	37.92 2.90 -0.56	38.03 2.78 0.00	40.15 2.94 0.00	40.64 2.97 -6.40	45.04 3.21 -12.34	47.22 3.69 -9.37	54.24 3.72 -17.88	77.68 3.62 -42.60	70.55 3.66 -36.13	60.06 3.33 -28.00	51.61 3.42 -18.16	46.11 2.61 -15.47	40.97 2.46 -8.56	37.95 2.38 -1.61	34.77 2.20 -0.76
NEG NORTH_FLCN_SEA 23793	27.89 0.28 0.00	26.45 0.47 0.00	25.72 0.38 0.00	24.03 0.38 0.00	22.98 0.34 0.00	24.47 0.36 0.00	26.22 0.13 0.00	28.33 0.22 0.00	31.60 0.25 0.00	34.67 0.21 0.00	35.49 0.25 0.00	37.44 0.22 0.00	31.02 -0.25 0.00	29.25 -0.24 0.00	33.89 -0.27 0.00	32.29 -0.36 0.00	30.93 -0.53 0.00	30.30 -0.46 0.00	28.35 -0.37 0.00	29.57 -0.45 0.00	27.92 -0.11 0.00	29.80 -0.15 0.00	34.27 0.31 0.00	32.04 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	27.61 0.00 0.00	26.16 0.18 0.00	25.47 0.13 0.00	23.82 0.17 0.00	22.75 0.11 0.00	24.23 0.12 0.00	25.96 -0.13 0.00	28.05 -0.06 0.00	31.25 -0.09 0.00	34.33 -0.14 0.00	35.11 -0.14 0.00	37.03 -0.19 0.00	30.65 -0.63 0.00	28.89 -0.59 0.00	33.48 -0.68 0.00	31.93 -0.72 0.00	30.58 -0.88 0.00	29.99 -0.77 0.00	28.04 -0.69 0.00	29.27 -0.75 0.00	27.61 -0.42 0.00	29.47 -0.48 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00

NEG NORTH___ALICE_FALLS 23915	27.86 0.25 0.00	26.42 0.44 0.00	25.67 0.33 0.00	24.01 0.35 0.00	22.94 0.29 0.00	24.44 0.34 0.00	26.19 0.10 0.00	28.30 0.20 0.00	31.57 0.22 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.40 0.19 0.00	30.99 -0.28 0.00	29.19 -0.29 0.00	33.85 -0.31 0.00	32.22 -0.42 0.00	30.83 -0.63 0.00	30.27 -0.49 0.00	28.32 -0.40 0.00	29.51 -0.51 0.00	27.95 -0.08 0.00	29.80 -0.15 0.00	34.24 0.27 0.00	32.01 0.19 0.00
NEG NORTH___LWR_SARANAC 23913	27.86 0.25 0.00	26.42 0.44 0.00	25.67 0.33 0.00	24.01 0.35 0.00	22.94 0.29 0.00	24.44 0.34 0.00	26.19 0.10 0.00	28.30 0.20 0.00	31.57 0.22 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.40 0.19 0.00	30.99 -0.28 0.00	29.19 -0.29 0.00	33.85 -0.31 0.00	32.22 -0.42 0.00	30.83 -0.63 0.00	30.27 -0.49 0.00	28.32 -0.40 0.00	29.51 -0.51 0.00	27.95 -0.08 0.00	29.80 -0.15 0.00	34.24 0.27 0.00	32.01 0.19 0.00
NEG NORTH___PLATTSBURG 23628	27.89 0.28 0.00	26.34 0.36 0.00	25.67 0.33 0.00	24.01 0.36 0.00	22.93 0.29 0.00	24.44 0.34 0.00	26.19 0.10 0.00	28.30 0.20 0.00	31.57 0.22 0.00	34.64 0.17 0.00	35.46 0.21 0.00	37.40 0.19 0.00	30.96 -0.31 0.00	29.19 -0.29 0.00	33.85 -0.31 0.00	32.22 -0.43 0.00	30.83 -0.63 0.00	30.27 -0.49 0.00	28.32 -0.40 0.00	29.51 -0.51 0.00	27.95 -0.08 0.00	29.80 -0.15 0.00	34.24 0.27 0.00	32.01 0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	26.92 -0.69 0.00	25.12 -0.86 0.00	24.46 -0.89 0.00	22.56 -1.09 0.00	21.54 -1.13 -0.03	23.31 -0.80 0.00	25.23 -0.99 -0.14	26.89 -1.63 -0.42	29.99 -1.76 -0.40	32.48 -2.07 -0.08	33.66 -1.55 0.03	35.54 -1.64 0.03	31.12 -1.03 -0.88	30.40 -0.80 -1.72	34.58 -0.89 -1.30	34.38 -0.75 -2.49	34.10 -0.41 -3.05	34.52 -0.43 -4.19	32.18 -0.43 -3.89	32.18 -0.33 -2.49	30.29 0.14 -2.12	31.15 0.03 -1.17	32.18 -1.53 0.25	31.00 -0.89 -0.07
NEG WEST___LANCASTR 23811	26.95 -0.66 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.59 -1.06 0.00	21.56 -1.11 -0.03	23.33 -0.77 0.00	24.60 -1.64 -0.16	26.46 -2.14 -0.49	29.53 -2.29 -0.47	31.91 -2.65 -0.09	33.74 -1.48 0.03	35.88 -1.30 0.03	31.64 -0.69 -1.05	30.13 -1.36 -2.01	34.18 -1.50 -1.52	34.11 -1.44 -2.90	34.01 -1.01 -3.56	34.61 -1.05 -4.89	32.28 -1.01 -4.56	32.95 -0.06 -2.99	30.83 0.25 -2.55	31.57 0.21 -1.41	31.57 -2.24 0.15	31.18 -0.73 -0.09
NEG_PENN_ALLEGHNY 23528	27.89 0.28 0.00	26.14 0.16 0.00	25.42 0.08 0.00	23.65 0.00 0.00	22.70 0.00 -0.05	24.23 0.12 0.00	26.50 0.13 -0.29	29.03 0.06 -0.87	32.24 0.06 -0.83	34.66 0.03 -0.16	35.52 0.28 0.01	37.58 0.37 0.01	33.92 0.56 -2.09	33.50 0.44 -3.58	37.46 0.58 -2.71	38.38 0.55 -5.18	38.44 0.63 -6.34	40.10 0.61 -8.73	37.57 0.54 -8.30	36.66 0.72 -5.92	33.83 0.76 -5.04	33.55 0.81 -2.79	34.56 0.21 -0.39	32.41 0.35 -0.24
NEG___GEN_MONROE 24207	27.34 -0.28 0.00	25.54 -0.44 0.00	24.86 -0.48 0.00	23.06 -0.59 0.00	22.10 -0.57 -0.02	23.67 -0.43 0.00	25.89 -0.31 -0.11	27.75 -0.70 -0.35	30.99 -0.69 -0.33	33.71 -0.83 -0.06	34.65 -0.56 0.04	36.58 -0.60 0.04	31.81 -0.16 -0.70	30.96 0.06 -1.42	35.27 0.03 -1.08	34.83 0.13 -2.06	34.23 0.25 -2.52	34.41 0.18 -3.46	32.06 0.14 -3.19	32.09 0.09 -1.98	30.11 0.39 -1.68	31.27 0.39 -0.93	33.12 -0.51 0.34	31.58 -0.29 -0.05
NEPA___ENERGY 23901	27.25 -0.36 0.00	25.46 -0.52 0.00	24.81 -0.53 0.00	22.92 -0.73 0.00	21.92 -0.75 -0.03	23.67 -0.43 0.00	25.47 -0.78 -0.16	27.36 -1.24 -0.49	30.53 -1.29 -0.47	33.01 -1.55 -0.09	34.37 -0.85 0.03	36.40 -0.78 0.03	32.05 -0.28 -1.06	31.12 -0.38 -2.02	35.29 -0.41 -1.54	35.19 -0.39 -2.93	35.06 0.00 -3.59	35.61 -0.09 -4.94	33.22 -0.11 -4.61	33.28 0.24 -3.02	31.14 0.53 -2.57	31.88 0.51 -1.43	32.63 -1.19 0.15	31.50 -0.41 -0.10
NEVERSINK___HYD 23608	28.75 1.13 0.00	26.94 0.96 0.00	26.31 0.96 0.00	24.55 0.90 0.00	23.66 0.86 -0.16	24.95 0.84 0.00	27.97 1.04 -0.84	31.78 1.13 -2.55	35.07 1.29 -2.44	36.42 1.48 -0.48	36.62 1.37 0.00	38.66 1.45 0.00	38.66 1.66 -5.73	41.59 1.62 -10.48	42.80 0.68 -7.95	48.67 0.85 -15.18	51.00 0.94 -18.59	57.29 0.95 -25.57	53.60 0.86 -24.01	47.12 0.84 -16.27	43.09 1.20 -13.86	38.97 1.35 -7.67	36.80 1.39 -1.44	33.80 1.31 -0.68
NEWKRMKL_115KV_TB1 55635	28.66 1.05 0.00	26.89 0.91 0.00	26.23 0.89 0.00	24.50 0.85 0.00	23.74 0.86 -0.24	24.93 0.82 0.00	28.34 0.99 -1.26	32.94 1.01 -3.83	36.16 1.16 -3.66	36.46 1.28 -0.71	36.55 1.30 0.00	38.59 1.38 0.00	47.36 1.31 -14.77	46.42 1.21 -15.73	47.56 1.47 -11.93	56.79 1.37 -22.78	60.67 1.32 -27.89	70.42 1.29 -38.36	70.76 1.18 -40.86	73.16 1.23 -41.91	64.77 1.04 -35.70	50.82 1.11 -19.76	38.87 1.19 -3.72	34.74 1.18 -1.74
NEWTON___FALLS_HYD 23847	27.48 -0.14 0.00	25.95 -0.03 0.00	25.27 -0.08 0.00	23.63 -0.02 0.00	22.44 -0.20 0.00	23.84 -0.27 0.00	25.67 -0.44 -0.03	27.71 -0.48 -0.08	30.83 -0.60 -0.07	33.86 -0.62 -0.01	34.58 -0.67 0.00	36.54 -0.67 0.00	30.05 -1.22 0.00	28.62 -1.18 -0.32	33.04 -1.37 -0.24	31.67 -1.44 -0.46	30.61 -1.42 -0.56	30.24 -1.29 -0.78	28.20 -1.12 -0.59	28.91 -1.11 0.00	27.24 -0.78 0.00	29.20 -0.75 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
NGRID_A1_DSASP 323792	26.32 -1.30 0.00	24.58 -1.40 0.00	24.18 -1.17 0.00	22.19 -1.47 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.82 -1.41 -0.14	26.39 -2.14 -0.43	29.25 -2.51 -0.41	31.65 -2.90 -0.08	32.92 -2.29 0.03	34.69 -2.49 0.03	30.45 -1.72 -0.90	29.82 -1.41 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.95 -1.08 -4.26	31.65 -1.03 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
NGRID_A2_DSASP 323793	26.32 -1.30 0.00	24.58 -1.40 0.00	24.18 -1.17 0.00	22.19 -1.47 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.82 -1.41 -0.14	26.39 -2.14 -0.43	29.25 -2.51 -0.41	31.65 -2.90 -0.08	32.92 -2.29 0.03	34.69 -2.49 0.03	30.45 -1.72 -0.90	29.82 -1.41 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.95 -1.08 -4.26	31.65 -1.03 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
NGRID_A4_DSASP 323807	26.29 -1.33 0.00	24.53 -1.45 0.00	23.90 -1.44 0.00	22.02 -1.63 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.84 -1.38 -0.14	26.34 -2.19 -0.43	29.40 -2.35 -0.41	31.79 -2.76 -0.08	32.92 -2.29 0.03	34.72 -2.46 0.03	30.42 -1.75 -0.90	29.84 -1.39 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.98 -1.05 -4.27	31.68 -1.01 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
NIAGARA_115E_LBMP 323715	26.54 -1.08 0.00	24.81 -1.17 0.00	24.02 -1.32 0.00	22.07 -1.58 0.00	21.15 -1.52 -0.03	23.00 -1.11 0.00	24.79 -1.43 -0.14	26.45 -2.08 -0.43	29.31 -2.45 -0.41	31.72 -2.83 -0.08	33.00 -2.22 0.03	34.80 -2.38 0.03	30.54 -1.63 -0.90	29.88 -1.36 -1.75	33.92 -1.57 -1.33	33.81 -1.37 -2.54	33.59 -0.98 -3.11	34.02 -1.01 -4.27	31.71 -0.98 -3.97	31.64 -0.93 -2.55	29.78 -0.42 -2.17	30.55 -0.60 -1.20	31.62 -2.11 0.24	30.43 -1.46 -0.07

NIAGARA_115W_LBMP 323714	26.23 -1.38 0.00	24.50 -1.48 0.00	24.13 -1.22 0.00	22.14 -1.51 0.00	21.24 -1.43 -0.03	22.73 -1.37 0.00	24.77 -1.46 -0.14	26.31 -2.22 -0.42	29.18 -2.57 -0.41	31.58 -2.96 -0.08	32.82 -2.40 0.03	34.61 -2.57 0.03	30.35 -1.81 -0.89	29.75 -1.47 -1.74	33.85 -1.64 -1.32	33.67 -1.50 -2.53	33.43 -1.13 -3.09	33.85 -1.17 -4.26	31.58 -1.09 -3.95	31.45 -1.11 -2.54	29.57 -0.62 -2.16	30.43 -0.72 -1.20	31.44 -2.28 0.25	30.40 -1.49 -0.07
NIAGARA_230_LBMP 323716	26.62 -0.99 0.00	24.86 -1.12 0.00	24.25 -1.09 0.00	22.31 -1.35 0.00	21.38 -1.29 -0.03	23.05 -1.06 0.00	25.03 -1.20 -0.14	26.70 -1.83 -0.42	29.59 -2.16 -0.40	32.03 -2.51 -0.08	33.28 -1.94 0.03	35.10 -2.08 0.03	30.78 -1.38 -0.88	30.17 -1.03 -1.72	34.27 -1.20 -1.31	34.13 -1.01 -2.49	33.86 -0.66 -3.05	34.25 -0.71 -4.20	31.93 -0.69 -3.90	31.86 -0.66 -2.50	29.99 -0.17 -2.13	30.80 -0.33 -1.18	31.87 -1.83 0.26	30.68 -1.21 -0.07
NIAGARA__115KV_198_GIBSON 55903	26.23 -1.38 0.00	24.47 -1.51 0.00	23.82 -1.52 0.00	21.97 -1.68 0.00	21.24 -1.43 -0.03	22.73 -1.37 0.00	24.79 -1.43 -0.14	26.28 -2.25 -0.42	29.31 -2.45 -0.41	31.72 -2.83 -0.08	32.82 -2.40 0.03	34.61 -2.57 0.03	30.35 -1.81 -0.89	29.75 -1.47 -1.74	33.85 -1.64 -1.32	33.67 -1.50 -2.53	33.43 -1.13 -3.10	33.88 -1.14 -4.26	31.59 -1.09 -3.95	31.45 -1.11 -2.54	29.58 -0.62 -2.16	30.43 -0.72 -1.20	31.44 -2.28 0.25	30.40 -1.50 -0.07
NIAGARA____ 23760	26.34 -1.27 0.00	24.60 -1.38 0.00	24.08 -1.27 0.00	22.09 -1.56 0.00	21.20 -1.47 -0.03	22.83 -1.28 0.00	24.77 -1.46 -0.14	26.48 -2.05 -0.42	29.34 -2.41 -0.40	31.79 -2.76 -0.08	33.03 -2.19 0.03	34.84 -2.34 0.03	30.57 -1.59 -0.89	29.90 -1.33 -1.74	34.01 -1.47 -1.32	33.86 -1.31 -2.52	33.61 -0.94 -3.09	34.02 -0.99 -4.25	31.72 -0.95 -3.94	31.62 -0.93 -2.53	29.71 -0.48 -2.16	30.57 -0.57 -1.19	31.61 -2.11 0.25	30.40 -1.49 -0.07
NINE_MILE_1 23575	26.79 -0.83 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.82 -0.83 0.00	21.86 -0.79 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.48 -1.03 -0.17	33.33 -1.17 -0.03	33.86 -1.13 0.26	35.80 -1.15 0.26	30.43 -0.84 0.00	29.41 -0.79 -0.73	33.79 -0.92 -0.55	32.81 -0.88 -1.05	31.93 -0.82 -1.29	31.73 -0.80 -1.77	29.33 -0.75 -1.35	29.24 -0.78 0.00	27.39 -0.64 0.00	29.26 -0.69 0.00	29.27 -1.05 3.65	30.57 -0.99 0.26
NINE_MILE_2 23744	26.79 -0.83 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.82 -0.83 0.00	21.86 -0.79 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.48 -1.03 -0.17	33.33 -1.17 -0.03	33.86 -1.13 0.26	35.80 -1.15 0.26	30.43 -0.84 0.00	29.41 -0.79 -0.72	33.79 -0.92 -0.55	32.81 -0.88 -1.05	31.93 -0.82 -1.28	31.73 -0.80 -1.77	29.33 -0.75 -1.35	29.24 -0.78 0.00	27.39 -0.64 0.00	29.26 -0.69 0.00	29.22 -1.05 3.69	30.57 -0.99 0.26
NM_CAPITAL____DRP 24208	28.75 1.13 0.00	26.97 0.99 0.00	26.33 0.99 0.00	24.57 0.92 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.41 1.07 -1.26	32.99 1.07 -3.81	36.22 1.22 -3.64	36.56 1.38 -0.71	36.62 1.37 0.00	38.63 1.41 0.00	47.26 1.38 -14.61	46.42 1.27 -15.67	47.59 1.54 -11.89	56.78 1.44 -22.70	60.64 1.38 -27.79	70.35 1.35 -38.23	70.60 1.24 -40.64	72.78 1.29 -41.47	64.47 1.12 -35.32	50.67 1.17 -19.55	38.93 1.29 -3.68	34.82 1.27 -1.73
NM_CENTRAL____DRP 24181	27.34 -0.28 0.00	25.56 -0.42 0.00	24.91 -0.43 0.00	23.23 -0.43 0.00	22.25 -0.41 -0.02	23.74 -0.36 0.00	25.91 -0.26 -0.08	27.96 -0.39 -0.25	31.15 -0.44 -0.24	34.03 -0.48 -0.05	34.85 -0.39 0.01	36.83 -0.37 0.01	31.15 -0.13 0.00	30.36 -0.15 -1.02	34.80 -0.14 -0.78	33.99 -0.13 -1.48	33.18 -0.09 -1.81	33.16 -0.09 -2.49	30.51 -0.11 -1.90	29.93 -0.09 0.00	28.03 0.00 0.00	29.98 0.03 0.00	33.39 -0.37 0.21	31.45 -0.35 0.01
NM_FRONTIER____DRP 24179	26.23 -1.38 0.00	24.47 -1.51 0.00	23.82 -1.52 0.00	21.97 -1.68 0.00	21.24 -1.43 -0.03	22.73 -1.37 0.00	24.79 -1.43 -0.14	26.28 -2.25 -0.42	29.31 -2.45 -0.41	31.72 -2.83 -0.08	32.82 -2.40 0.03	34.61 -2.57 0.03	30.35 -1.81 -0.89	29.75 -1.47 -1.74	33.85 -1.64 -1.32	33.67 -1.50 -2.53	33.43 -1.13 -3.10	33.88 -1.14 -4.26	31.59 -1.09 -3.95	31.45 -1.11 -2.54	29.58 -0.62 -2.16	30.43 -0.72 -1.20	31.44 -2.28 0.25	30.40 -1.50 -0.07
NM_ST_REGIS____HYD 24053	27.61 0.00 0.00	26.14 0.16 0.00	25.42 0.08 0.00	23.77 0.12 0.00	22.57 -0.07 0.00	23.91 -0.19 0.00	25.62 -0.47 0.00	27.63 -0.48 0.00	30.78 -0.56 0.00	33.85 -0.62 0.00	34.61 -0.63 0.00	36.51 -0.71 0.00	29.71 -1.56 0.00	27.98 -1.50 0.00	32.42 -1.74 0.00	30.85 -1.80 0.00	29.54 -1.92 0.00	28.98 -1.78 0.00	27.12 -1.61 0.00	28.28 -1.74 0.00	26.71 -1.32 0.00	28.69 -1.26 0.00	33.83 -0.14 0.00	31.69 -0.13 0.00
NORTHPORT____1 23551	35.32 2.46 -5.25	33.31 2.31 -5.02	31.97 2.28 -4.35	27.54 2.15 -1.74	28.66 2.11 -3.91	28.27 2.14 -2.02	30.82 2.45 -2.28	34.88 2.78 -3.99	38.92 3.13 -4.44	40.22 3.45 -2.31	46.56 3.10 -8.21	47.22 3.16 -6.85	47.80 3.13 -13.40	61.03 2.95 -28.60	71.96 3.25 -34.55	74.30 3.33 -38.32	118.54 3.27 -83.80	74.66 3.20 -40.70	59.76 2.90 -28.14	55.45 2.94 -22.49	56.29 2.27 -25.99	48.02 2.64 -15.44	46.17 2.82 -9.39	44.13 2.74 -9.57
NORTHPORT____2 23552	35.32 2.46 -5.25	33.31 2.31 -5.02	31.97 2.28 -4.35	27.54 2.15 -1.74	28.66 2.11 -3.91	28.27 2.14 -2.02	30.82 2.45 -2.28	34.88 2.78 -3.99	38.92 3.13 -4.44	40.22 3.45 -2.31	46.56 3.10 -8.21	47.22 3.16 -6.85	47.80 3.13 -13.40	61.03 2.95 -28.60	71.96 3.25 -34.55	74.30 3.33 -38.32	118.54 3.27 -83.80	74.66 3.20 -40.70	59.76 2.90 -28.14	55.45 2.94 -22.49	56.29 2.27 -25.99	48.02 2.64 -15.44	46.17 2.82 -9.39	44.13 2.74 -9.57
NORTHPORT____3 23553	35.50 2.62 -5.26	33.47 2.47 -5.02	32.11 2.41 -4.35	27.67 2.27 -1.75	28.76 2.20 -3.92	28.40 2.27 -2.03	30.93 2.56 -2.29	34.97 2.87 -3.99	38.99 3.20 -4.45	40.37 3.58 -2.31	46.82 3.35 -8.22	47.55 3.50 -6.84	48.33 3.19 -13.87	61.29 3.21 -28.60	72.33 3.62 -34.55	74.65 3.69 -38.31	119.03 3.77 -83.79	75.11 3.66 -40.69	60.18 3.33 -28.13	55.95 3.45 -22.48	56.80 2.69 -26.08	48.05 2.48 -15.62	46.41 3.06 -9.39	44.39 2.99 -9.58
NORTHPORT____4 23650	35.50 2.62 -5.26	33.47 2.47 -5.02	32.11 2.41 -4.35	27.67 2.27 -1.75	28.76 2.20 -3.92	28.40 2.27 -2.03	30.93 2.56 -2.29	34.97 2.87 -3.99	38.99 3.20 -4.45	40.37 3.58 -2.31	46.82 3.35 -8.22	47.55 3.50 -6.84	48.33 3.19 -13.87	61.29 3.21 -28.60	72.33 3.62 -34.55	74.65 3.69 -38.31	119.03 3.77 -83.79	75.11 3.66 -40.69	60.18 3.33 -28.13	55.95 3.45 -22.48	56.80 2.69 -26.08	48.05 2.48 -15.62	46.41 3.06 -9.39	44.39 2.99 -9.58
NORTHPORT____IC 23718	35.32 2.46 -5.25	33.31 2.31 -5.02	31.97 2.28 -4.35	27.54 2.15 -1.74	28.66 2.11 -3.91	28.27 2.14 -2.02	30.82 2.45 -2.28	34.88 2.78 -3.99	38.92 3.13 -4.44	40.22 3.45 -2.31	46.56 3.10 -8.21	47.22 3.16 -6.85	47.80 3.13 -13.40	61.03 2.95 -28.60	71.96 3.25 -34.55	74.30 3.33 -38.32	118.54 3.27 -83.80	74.66 3.20 -40.70	59.76 2.90 -28.14	55.45 2.94 -22.49	56.29 2.27 -25.99	48.02 2.64 -15.44	46.17 2.82 -9.39	44.13 2.74 -9.57

NORTH__COUNTRY_ESR 323785	27.56 -0.06 0.00	26.03 0.05 0.00	25.42 0.08 0.00	23.75 0.09 0.00	22.71 0.07 0.00	24.18 0.07 0.00	25.93 -0.16 0.00	28.02 -0.08 0.00	31.22 -0.12 0.00	34.30 -0.17 0.00	35.07 -0.18 0.00	37.03 -0.19 0.00	30.65 -0.63 0.00	28.86 -0.62 0.00	33.44 -0.72 0.00	31.89 -0.75 0.00	30.55 -0.91 0.00	29.93 -0.83 0.00	28.01 -0.72 0.00	29.21 -0.81 0.00	27.50 -0.53 0.00	29.38 -0.57 0.00	33.87 -0.10 0.00	31.66 -0.16 0.00
NPX_GEN_1385_PROXY 323591	34.74 1.88 -5.25	32.66 1.66 -5.02	31.39 1.70 -4.35	27.17 1.77 -1.74	28.30 1.74 -3.91	27.86 1.74 -2.02	30.40 2.04 -2.28	34.34 2.25 -3.99	38.32 2.54 -4.44	39.53 2.76 -2.31	42.73 2.08 -5.40	43.45 2.08 -4.15	45.01 2.22 -11.52	48.57 2.09 -16.99	49.00 2.25 -12.58	49.39 2.38 -14.36	54.65 2.33 -20.86	58.50 2.28 -25.46	58.90 2.04 -28.14	54.73 2.22 -22.49	55.70 1.68 -25.99	47.24 1.86 -15.44	45.19 1.83 -9.39	41.37 1.81 -7.74
NPX_GEN_CSC 323557	36.12 3.26 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.29 2.74 -3.91	28.94 2.82 -2.02	31.60 3.23 -2.28	35.74 3.65 -3.99	39.89 4.11 -4.44	40.98 4.20 -2.31	47.30 3.84 -8.21	59.06 4.13 -17.71	65.52 3.91 -30.34	61.92 3.83 -28.61	73.03 4.30 -34.56	79.07 4.34 -42.09	125.00 4.28 -89.26	182.98 4.12 -148.10	150.00 3.76 -117.51	102.99 3.99 -68.98	60.92 3.22 -29.67	54.99 3.35 -21.68	46.92 3.57 -9.39	44.86 3.47 -9.57
NSINS_S_GLNS_FALLS 23858	29.74 2.13 0.00	27.80 1.82 0.00	27.12 1.77 0.00	25.33 1.68 0.00	24.50 1.61 -0.25	25.82 1.71 0.00	29.37 1.98 -1.30	34.10 2.05 -3.95	37.60 2.48 -3.77	38.00 2.79 -0.74	38.10 2.86 0.00	40.12 2.90 0.00	53.94 2.53 -20.13	47.77 2.06 -16.22	49.00 2.53 -12.31	58.49 2.35 -23.50	62.59 2.36 -28.77	72.52 2.18 -39.58	76.95 2.24 -45.99	89.49 2.34 -57.13	79.27 2.58 -48.66	59.64 2.76 -26.94	41.88 2.85 -5.06	36.90 2.70 -2.38
NUCOR_STEEL__DRP 24197	27.83 0.22 0.00	26.01 0.03 0.00	25.34 0.00 0.00	23.58 -0.07 0.00	22.62 -0.05 -0.02	24.15 0.05 0.00	26.41 0.21 -0.11	28.59 0.14 -0.34	31.86 0.19 -0.32	34.67 0.14 -0.06	35.57 0.32 0.00	37.62 0.41 0.00	32.46 0.50 -0.69	31.29 0.41 -1.39	35.73 0.51 -1.06	35.18 0.52 -2.01	34.43 0.50 -2.47	34.68 0.52 -3.39	32.34 0.49 -3.13	32.55 0.57 -1.96	30.37 0.67 -1.67	31.65 0.78 -0.92	34.51 0.37 -0.17	32.25 0.35 -0.08
NUMBER_THREE_WT_PWR 323818	27.70 0.08 0.00	26.03 0.05 0.00	25.37 0.03 0.00	23.68 0.02 0.00	22.58 -0.07 -0.01	24.06 -0.05 0.00	26.12 0.00 -0.04	28.21 0.00 -0.11	31.36 -0.09 -0.10	34.45 -0.03 -0.02	35.18 -0.07 0.00	37.21 0.00 0.00	31.05 -0.22 0.00	29.68 -0.24 -0.44	34.22 -0.27 -0.33	32.89 -0.39 -0.64	31.90 -0.35 -0.78	31.58 -0.25 -1.07	29.43 -0.11 -0.82	30.02 0.00 0.00	28.23 0.20 0.00	30.19 0.24 0.00	34.41 0.44 0.00	32.10 0.29 0.00
NYISO_LBMP_REFERENCE 24008	27.61 0.00 0.00	25.98 0.00 0.00	25.34 0.00 0.00	23.65 0.00 0.00	22.64 0.00 0.00	24.11 0.00 0.00	26.09 0.00 0.00	28.11 0.00 0.00	31.35 0.00 0.00	34.47 0.00 0.00	35.25 0.00 0.00	37.21 0.00 0.00	31.27 0.00 0.00	29.48 0.00 0.00	34.16 0.00 0.00	32.64 0.00 0.00	31.46 0.00 0.00	30.76 0.00 0.00	28.72 0.00 0.00	30.02 0.00 0.00	28.03 0.00 0.00	29.95 0.00 0.00	33.97 0.00 0.00	31.82 0.00 0.00
NYPA_BRENTWD__GT 24164	35.79 2.93 -5.25	33.75 2.75 -5.02	32.40 2.71 -4.35	27.90 2.51 -1.74	29.02 2.47 -3.91	28.66 2.53 -2.02	31.29 2.92 -2.28	35.38 3.29 -3.99	39.48 3.70 -4.44	40.87 4.10 -2.31	47.34 3.88 -8.21	50.27 4.06 -9.00	69.54 3.91 -34.36	61.74 3.66 -28.60	72.61 3.89 -34.55	75.94 3.95 -39.34	120.65 3.90 -85.29	96.57 3.84 -61.96	80.36 3.50 -48.14	68.76 3.57 -35.17	61.53 3.03 -30.47	56.55 3.38 -23.22	46.95 3.60 -9.39	44.80 3.41 -9.57
NYPA_GOWANUS__GT5 24156	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.91 3.52 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.48 2.27 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NYPA_GOWANUS__GT6 24157	29.79 2.18 0.00	27.95 1.97 0.00	27.27 1.93 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.81 2.79 -0.55	38.03 2.78 0.00	40.23 3.01 0.00	40.68 3.13 -6.28	44.86 3.21 -12.16	46.91 3.52 -9.23	75.54 3.82 -39.08	77.57 3.77 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.48 2.27 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	35.01 2.45 -0.74
NYPA_HARLEM_RVR_GT1 24160	29.75 2.13 -0.01	27.94 1.95 -0.01	27.25 1.90 -0.01	25.46 1.80 -0.01	24.58 1.74 -0.19	25.86 1.76 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.43 2.26 -2.82	37.33 2.31 -0.55	37.86 2.61 0.00	40.08 2.87 0.00	40.62 3.07 -6.28	44.78 3.12 -12.17	46.85 3.45 -9.24	53.92 3.66 -17.62	77.37 3.62 -42.29	69.93 3.47 -35.69	59.43 3.13 -27.58	50.91 3.06 -17.83	45.42 2.21 -15.18	40.66 2.31 -8.40	38.03 2.48 -1.59	34.92 2.35 -0.75
NYPA_HARLEM_RVR_GT2 24161	29.75 2.13 -0.01	27.94 1.95 -0.01	27.25 1.90 -0.01	25.46 1.80 -0.01	24.58 1.74 -0.19	25.86 1.76 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.43 2.26 -2.82	37.33 2.31 -0.55	37.86 2.61 0.00	40.08 2.87 0.00	40.62 3.07 -6.28	44.78 3.12 -12.17	46.85 3.45 -9.24	53.92 3.66 -17.62	77.37 3.62 -42.29	69.93 3.47 -35.69	59.43 3.13 -27.58	50.91 3.06 -17.83	45.42 2.21 -15.18	40.66 2.31 -8.40	38.03 2.48 -1.59	34.92 2.35 -0.75
NYPA_KENT__GT 24152	29.74 2.13 0.00	27.90 1.92 0.00	27.22 1.88 0.00	25.43 1.77 0.00	24.55 1.72 -0.19	25.79 1.69 0.00	29.02 1.96 -0.98	33.37 2.31 -2.96	36.68 2.51 -2.83	37.78 2.76 -0.55	38.00 2.75 0.00	40.15 2.94 0.00	40.62 3.07 -6.28	44.80 3.16 -12.16	46.84 3.45 -9.23	66.27 3.72 -29.90	77.42 3.65 -42.31	71.24 3.51 -36.97	59.48 3.16 -27.60	50.96 3.12 -17.82	45.42 2.21 -15.18	40.63 2.28 -8.40	38.10 2.55 -1.58	34.91 2.35 -0.74
NYPA_POUCH1__GT 24155	29.77 2.16 0.00	27.93 1.95 0.00	27.24 1.90 0.00	25.43 1.77 0.00	24.55 1.72 -0.19	25.75 1.64 0.00	28.94 1.88 -0.98	34.22 2.22 -3.89	38.91 2.41 -5.14	40.56 2.72 -3.37	35.02 2.64 2.87	36.21 2.87 3.87	36.91 3.00 -2.64	39.69 3.09 -7.11	41.55 3.42 -3.97	57.62 3.72 -21.25	59.80 3.68 -24.66	55.94 3.54 -21.65	65.60 3.19 -33.68	43.43 3.15 -10.26	39.78 2.19 -9.56	36.46 2.25 -4.26	39.82 2.55 -3.31	36.03 2.35 -1.86
NYPA_VERNON__GT2 24162	29.66 2.04 0.00	27.85 1.87 0.00	27.19 1.85 0.00	25.38 1.73 0.00	24.53 1.70 -0.19	25.79 1.69 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.65 2.48 -2.83	37.71 2.69 -0.55	37.96 2.71 0.00	40.15 2.94 0.00	40.58 3.03 -6.28	44.74 3.09 -12.16	46.80 3.42 -9.23	57.03 3.66 -20.73	77.34 3.59 -42.29	70.22 3.44 -36.01	59.40 3.10 -27.58	50.90 3.06 -17.82	45.40 2.19 -15.18	40.60 2.25 -8.40	37.99 2.45 -1.58	34.85 2.29 -0.74

NYPY_VERNON____GT3 24163	29.66	27.85	27.19	25.38	24.53	25.79	29.02	33.34	36.65	37.71	37.96	40.15	40.58	44.74	46.80	57.03	77.34	70.22	59.40	50.90	45.40	40.60	37.99	34.85
	2.04	1.87	1.85	1.73	1.70	1.69	1.96	2.28	2.48	2.69	2.71	2.94	3.03	3.09	3.42	3.66	3.59	3.44	3.10	3.06	2.19	2.25	2.45	2.29
	0.00	0.00	0.00	0.00	-0.19	0.00	-0.98	-2.96	-2.83	-0.55	0.00	0.00	-6.28	-12.16	-9.23	-20.73	-42.29	-36.01	-27.58	-17.82	-15.18	-8.40	-1.58	-0.74
NYPY____ASTORIA_CC1 323568	29.66	27.83	27.14	25.36	24.50	25.77	28.99	33.31	36.59	37.61	37.89	40.08	40.52	44.71	46.74	53.85	77.27	69.83	59.34	50.84	45.34	40.57	37.96	34.82
	2.04	1.84	1.80	1.70	1.68	1.66	1.93	2.25	2.41	2.59	2.64	2.87	2.97	3.07	3.35	3.59	3.52	3.38	3.04	3.00	2.13	2.22	2.41	2.26
	0.00	0.00	0.00	0.00	-0.19	0.00	-0.98	-2.96	-2.83	-0.55	0.00	0.00	-6.28	-12.16	-9.23	-17.61	-42.28	-35.69	-27.57	-17.82	-15.18	-8.40	-1.58	-0.74
NYPY____ASTORIA_CC2 323569	29.66	27.83	27.14	25.36	24.50	25.77	28.99	33.31	36.59	37.61	37.89	40.08	40.52	44.71	46.74	53.85	77.27	69.83	59.34	50.84	45.34	40.57	37.96	34.82
	2.04	1.84	1.80	1.70	1.68	1.66	1.93	2.25	2.41	2.59	2.64	2.87	2.97	3.07	3.35	3.59	3.52	3.38	3.04	3.00	2.13	2.22	2.41	2.26
	0.00	0.00	0.00	0.00	-0.19	0.00	-0.98	-2.96	-2.83	-0.55	0.00	0.00	-6.28	-12.16	-9.23	-17.61	-42.28	-35.69	-27.57	-17.82	-15.18	-8.40	-1.58	-0.74
NYPY____HOLTSVILL 23794	35.71	33.70	32.37	27.87	28.98	28.61	31.21	35.32	39.39	40.67	47.09	58.58	65.05	61.60	72.65	78.65	124.54	180.86	148.25	101.91	60.54	54.64	46.72	44.60
	2.84	2.70	2.69	2.48	2.42	2.48	2.84	3.23	3.60	3.89	3.63	3.83	3.66	3.51	3.93	3.98	3.90	3.84	3.47	3.60	2.89	3.09	3.36	3.21
	-5.25	-5.02	-4.35	-1.74	-3.91	-2.02	-2.28	-3.99	-4.44	-2.31	-8.21	-17.53	-30.12	-28.61	-34.56	-42.03	-89.18	-146.26	-116.05	-68.29	-29.62	-21.60	-9.39	-9.57
NYPY____HELLGATE_GT1 24158	29.75	27.94	27.25	25.46	24.58	25.86	29.02	33.34	36.43	37.33	37.86	40.08	40.62	44.78	46.85	53.92	77.37	69.93	59.43	50.91	45.42	40.66	38.03	34.92
	2.13	1.95	1.90	1.80	1.74	1.76	1.96	2.28	2.26	2.31	2.61	2.87	3.07	3.12	3.45	3.66	3.62	3.47	3.13	3.06	2.21	2.31	2.48	2.35
	-0.01	-0.01	-0.01	-0.01	-0.19	0.00	-0.98	-2.96	-2.82	-0.55	0.00	0.00	-6.28	-12.17	-9.24	-17.62	-42.29	-35.69	-27.58	-17.83	-15.18	-8.40	-1.59	-0.75
NYPY____HELLGATE_GT2 24159	29.75	27.94	27.25	25.46	24.58	25.86	29.02	33.34	36.43	37.33	37.86	40.08	40.62	44.78	46.85	53.92	77.37	69.93	59.43	50.91	45.42	40.66	38.03	34.92
	2.13	1.95	1.90	1.80	1.74	1.76	1.96	2.28	2.26	2.31	2.61	2.87	3.07	3.12	3.45	3.66	3.62	3.47	3.13	3.06	2.21	2.31	2.48	2.35
	-0.01	-0.01	-0.01	-0.01	-0.19	0.00	-0.98	-2.96	-2.82	-0.55	0.00	0.00	-6.28	-12.17	-9.24	-17.62	-42.29	-35.69	-27.58	-17.83	-15.18	-8.40	-1.59	-0.75
NYS_BARGE____HYD 23848	26.95	25.18	24.46	22.47	21.54	23.33	25.21	26.92	29.89	32.37	33.66	35.54	31.14	30.39	34.57	34.36	34.07	34.49	32.15	32.13	30.27	31.14	32.22	31.00
	-0.66	-0.81	-0.89	-1.18	-1.13	-0.77	-1.02	-1.60	-1.85	-2.17	-1.55	-1.64	-1.00	-0.79	-0.89	-0.75	-0.41	-0.43	-0.43	-0.36	0.14	0.03	-1.49	-0.89
	0.00	0.00	0.00	0.00	-0.03	0.00	-0.14	-0.41	-0.40	-0.08	0.03	0.03	-0.87	-1.70	-1.29	-2.47	-3.02	-4.16	-3.85	-2.47	-2.10	-1.16	0.26	-0.07
OAK ORCHARD____HYD 24046	27.39	25.67	24.99	23.13	22.16	23.72	25.94	27.91	31.02	33.81	34.79	36.69	31.90	31.10	35.47	35.04	34.30	34.50	32.17	32.15	30.25	31.38	33.31	31.64
	-0.22	-0.31	-0.35	-0.52	-0.50	-0.39	-0.26	-0.53	-0.66	-0.73	-0.42	-0.48	-0.06	0.21	0.24	0.36	0.35	0.31	0.29	0.18	0.56	0.51	-0.31	-0.22
	0.00	0.00	0.00	0.00	-0.02	0.00	-0.11	-0.34	-0.33	-0.06	0.04	0.04	-0.69	-1.41	-1.07	-2.04	-2.49	-3.43	-3.16	-1.95	-1.66	-0.92	0.35	-0.04
OAKDALE____35_KV_LOAD 356122	27.75	25.95	25.32	23.58	22.60	24.11	26.40	28.88	32.11	34.53	35.34	37.35	33.76	33.32	37.23	38.14	38.22	39.84	37.38	36.57	33.72	33.40	34.39	32.28
	0.14	-0.03	-0.03	-0.07	-0.09	0.00	0.03	-0.08	-0.06	-0.10	0.11	0.15	0.38	0.29	0.38	0.36	0.47	0.43	0.40	0.57	0.59	0.63	0.03	0.22
	0.00	0.00	0.00	0.00	-0.05	0.00	-0.28	-0.86	-0.82	-0.16	0.01	0.01	-2.11	-3.54	-2.69	-5.13	-6.28	-8.65	-8.25	-5.98	-5.10	-2.82	-0.39	-0.24
OCC_CHEM____DRP 24175	26.29	24.53	23.90	22.02	21.29	22.78	24.84	26.34	29.40	31.79	32.92	34.72	30.42	29.84	33.95	33.77	33.53	33.98	31.68	31.54	29.66	30.52	31.54	30.46
	-1.33	-1.45	-1.44	-1.63	-1.38	-1.33	-1.38	-2.19	-2.35	-2.76	-2.29	-2.46	-1.75	-1.39	-1.54	-1.40	-1.04	-1.05	-1.01	-1.02	-0.53	-0.63	-2.17	-1.43
	0.00	0.00	0.00	0.00	-0.03	0.00	-0.14	-0.43	-0.41	-0.08	0.03	0.03	-0.90	-1.75	-1.33	-2.53	-3.10	-4.27	-3.96	-2.54	-2.17	-1.20	0.25	-0.07
OH_GEN_PROXY 24063	26.62	24.86	24.28	22.31	21.40	23.07	25.05	26.73	29.65	32.10	33.35	35.17	30.84	30.21	34.35	34.20	33.90	34.30	32.00	31.93	30.00	30.83	31.94	30.68
	-0.99	-1.12	-1.06	-1.35	-1.27	-1.04	-1.17	-1.80	-2.10	-2.45	-1.87	-2.01	-1.31	-1.00	-1.13	-0.95	-0.63	-0.68	-0.63	-0.60	-0.17	-0.30	-1.77	-1.21
	0.00	0.00	0.00	0.00	-0.03	0.00	-0.14	-0.42	-0.40	-0.08	0.03	0.03	-0.88	-1.73	-1.31	-2.50	-3.07	-4.22	-3.91	-2.51	-2.14	-1.18	0.26	-0.07
OLIN_CORP_DRP 24177	26.56	24.81	24.15	22.28	21.22	23.02	24.85	26.46	29.53	31.93	33.10	34.91	30.61	29.98	34.03	33.93	33.68	34.14	31.83	31.72	29.86	30.62	31.69	30.49
	-1.05	-1.17	-1.19	-1.37	-1.45	-1.08	-1.38	-2.08	-2.23	-2.62	-2.11	-2.27	-1.56	-1.27	-1.47	-1.27	-0.91	-0.92	-0.89	-0.87	-0.36	-0.54	-2.04	-1.40
	0.00	0.00	0.00	0.00	-0.03	0.00	-0.14	-0.43	-0.41	-0.08	0.03	0.03	-0.91	-1.76	-1.34	-2.56	-3.13	-4.31	-4.00	-2.57	-2.19	-1.21	0.24	-0.07
OLIN_CORP_DSASP 323712	26.32	24.58	24.18	22.19	21.29	22.78	24.82	26.39	29.25	31.65	32.92	34.69	30.45	29.82	33.95	33.77	33.53	33.95	31.65	31.54	29.66	30.52	31.54	30.46
	-1.30	-1.40	-1.17	-1.47	-1.38	-1.33	-1.41	-2.14	-2.51	-2.90	-2.29	-2.49	-1.72	-1.41	-1.54	-1.40	-1.04	-1.08	-1.03	-1.02	-0.53	-0.63	-2.17	-1.43
	0.00	0.00	0.00	0.00	-0.03	0.00	-0.14	-0.43	-0.41	-0.08	0.03	0.03	-0.90	-1.75	-1.33	-2.53	-3.10	-4.26	-3.96	-2.54	-2.17	-1.20	0.25	-0.07
ONEIDA_HERK_LFGE 323681	28.05	26.29	25.62	23.91	22.85	24.37	26.59	28.73	31.97	35.17	35.99	38.07	31.99	30.53	35.23	33.83	32.84	32.37	30.10	30.80	28.84	30.82	34.82	32.52
	0.44	0.31	0.28	0.26	0.20	0.27	0.47	0.53	0.53	0.69	0.74	0.86	0.72	0.68	0.79	0.65	0.72	0.71	0.69	0.78	0.81	0.87	0.85	0.70
	0.00	0.00	0.00	0.00	-0.01	0.00	-0.03	-0.09	-0.09	-0.02	0.00	0.00	0.00	0.00	-0.37	-0.28	-0.54	-0.66	-0.90	-0.69	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	28.19	26.34	25.70	23.98	22.92	24.47	26.77	28.92	32.19	35.33	36.16	38.21	32.27	31.07	35.77	34.60	33.73	33.46	30.96	31.10	29.15	31.12	34.84	32.67
	0.58	0.36	0.35	0.33	0.27	0.36	0.63	0.65	0.69	0.83	0.92	1.00	1.00	0.91	1.09	0.98	1.07	1.05	0.98	1.08	1.12	1.17	0.99	0.86
	0.00	0.00	0.00	0.00	-0.01	0.00	-0.05	-0.16	-0.16	-0.03	0.01	0.01	0.00	-0.68	-0.51	-0.98	-1.20	-1.65	-1.26	0.00	0.00	0.11	0.00	0.01

ONONDAGA_REF_OCCRA 23987	27.42 -0.19 0.00	25.67 -0.31 0.00	24.99 -0.35 0.00	23.32 -0.33 0.00	22.32 -0.34 -0.02	23.82 -0.29 0.00	26.00 -0.18 -0.10	28.13 -0.28 -0.31	31.33 -0.31 -0.29	34.18 -0.34 -0.06	35.03 -0.21 0.01	37.02 -0.19 0.01	31.90 0.03 -0.60	30.71 -0.03 -1.25	35.11 0.00 -0.95	34.46 0.00 -1.82	33.75 0.06 -2.22	33.85 0.03 -3.06	31.56 0.03 -2.80	31.77 0.06 -1.69	29.64 0.17 -1.44	30.93 0.18 -0.80	33.76 -0.20 0.00	31.69 -0.19 -0.06
ONONDAGA___COGEN 23986	27.53 -0.08 0.00	25.72 -0.26 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.08 -0.10 -0.09	28.19 -0.20 -0.28	31.43 -0.19 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -0.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
ONTARIO___LFGE 23819	27.78 0.17 0.00	25.93 -0.05 0.00	25.17 -0.18 0.00	23.39 -0.26 0.00	22.42 -0.25 -0.03	24.01 -0.10 0.00	26.32 0.10 -0.13	28.45 -0.06 -0.40	31.61 -0.12 -0.38	34.20 -0.34 -0.07	35.23 0.00 0.02	37.23 0.04 0.02	32.49 0.38 -0.84	31.48 0.36 -1.64	35.78 0.38 -1.25	35.38 0.36 -2.38	34.85 0.47 -2.91	35.23 0.46 -4.01	32.90 0.46 -3.72	32.94 0.54 -2.38	30.95 0.90 -2.03	31.97 0.90 -1.12	33.86 0.00 0.10	32.09 0.19 -0.08
ORANGEVILLE_WT_PWR 323706	27.28 -0.33 0.00	25.49 -0.49 0.00	24.81 -0.53 0.00	22.87 -0.78 0.00	21.93 -0.75 -0.03	23.62 -0.48 0.00	25.55 -0.70 -0.17	27.49 -1.13 -0.51	30.52 -1.32 -0.49	32.98 -1.58 -0.09	34.30 -0.92 0.03	36.29 -0.89 0.03	32.00 -0.37 -1.11	31.16 -0.41 -2.09	35.30 -0.45 -1.59	35.28 -0.39 -3.03	35.11 -0.06 -3.71	35.77 -0.09 -5.10	33.37 -0.11 -4.76	33.31 0.15 -3.14	31.21 0.51 -2.67	31.91 0.48 -1.48	32.80 -1.05 0.12	31.51 -0.41 -0.10
ORANGEVILLE___ESR 323794	27.28 -0.33 0.00	25.49 -0.49 0.00	24.81 -0.53 0.00	22.87 -0.78 0.00	21.93 -0.75 -0.03	23.62 -0.48 0.00	25.55 -0.70 -0.17	27.49 -1.13 -0.51	30.52 -1.32 -0.49	32.98 -1.58 -0.09	34.30 -0.92 0.03	36.29 -0.89 0.03	32.00 -0.37 -1.11	31.16 -0.41 -2.09	35.30 -0.45 -1.59	35.28 -0.39 -3.03	35.11 -0.06 -3.71	35.77 -0.09 -5.10	33.37 -0.11 -4.76	33.31 0.15 -3.14	31.21 0.51 -2.67	31.91 0.48 -1.48	32.80 -1.05 0.12	31.51 -0.41 -0.10
OSWEGATCHIE___HYD 24044	27.50 -0.11 0.00	25.93 -0.05 0.00	25.27 -0.08 0.00	23.61 -0.05 0.00	22.44 -0.20 0.00	23.84 -0.26 0.00	25.67 -0.44 -0.03	27.71 -0.48 -0.08	30.83 -0.60 -0.07	33.86 -0.62 -0.01	34.58 -0.67 0.00	36.55 -0.67 0.00	30.05 -1.22 0.00	28.62 -1.18 -0.32	33.04 -1.37 -0.24	31.67 -1.44 -0.46	30.61 -1.42 -0.56	30.25 -1.29 -0.78	28.20 -1.12 -0.59	28.91 -1.11 0.00	27.25 -0.78 0.00	29.20 -0.75 0.00	33.93 -0.03 0.00	31.72 -0.10 0.00
OSWEGO___5 23606	26.98 -0.63 0.00	25.33 -0.65 0.00	24.66 -0.68 0.00	22.99 -0.66 0.00	22.02 -0.63 -0.01	23.48 -0.63 0.00	25.55 -0.60 -0.07	27.61 -0.70 -0.20	30.76 -0.78 -0.19	33.61 -0.90 -0.04	34.50 -0.85 -0.10	36.42 -0.89 -0.10	30.68 -0.60 0.00	29.75 -0.56 -0.83	34.14 -0.65 -0.63	33.23 -0.62 -1.20	32.37 -0.57 -1.47	32.24 -0.55 -2.03	29.76 -0.52 -1.55	29.51 -0.51 0.00	27.64 -0.39 0.00	29.53 -0.42 0.00	34.65 -0.78 -1.46	31.19 -0.73 -0.10
OSWEGO___6 23613	26.98 -0.63 0.00	25.33 -0.65 0.00	24.66 -0.68 0.00	22.99 -0.66 0.00	22.02 -0.63 -0.01	23.48 -0.63 0.00	25.55 -0.60 -0.07	27.61 -0.70 -0.20	30.76 -0.78 -0.19	33.61 -0.90 -0.04	34.50 -0.85 -0.10	36.42 -0.89 -0.10	30.68 -0.60 0.00	29.75 -0.56 -0.83	34.14 -0.65 -0.63	33.23 -0.62 -1.20	32.37 -0.57 -1.47	32.24 -0.55 -2.03	29.76 -0.52 -1.55	29.51 -0.51 0.00	27.64 -0.39 0.00	29.53 -0.42 0.00	34.65 -0.78 -1.46	31.19 -0.73 -0.10
OUTOKUMPU-AB___DRP 24206	27.06 -0.55 0.00	25.20 -0.78 0.00	24.56 -0.79 0.00	22.64 -1.02 0.00	21.72 -0.95 -0.03	23.38 -0.72 0.00	25.37 -0.86 -0.14	27.05 -1.49 -0.43	30.19 -1.57 -0.41	32.69 -1.86 -0.08	33.95 -1.27 0.03	35.88 -1.30 0.03	31.44 -0.75 -0.92	30.64 -0.62 -1.78	34.83 -0.68 -1.35	34.64 -0.59 -2.58	34.43 -0.19 -3.16	34.86 -0.25 -4.34	32.50 -0.26 -4.03	32.50 -0.12 -2.60	30.55 0.31 -2.21	31.44 0.27 -1.23	32.37 -1.36 0.23	31.29 -0.60 -0.08
OXBOW___ 24026	26.76 -0.86 0.00	24.97 -1.01 0.00	24.48 -0.86 0.00	22.47 -1.18 0.00	21.54 -1.13 -0.03	23.14 -0.96 0.00	25.16 -1.07 -0.14	26.82 -1.72 -0.43	29.75 -2.01 -0.41	32.20 -2.34 -0.08	33.52 -1.69 0.03	35.40 -1.79 0.03	31.05 -1.12 -0.91	30.33 -0.91 -1.76	34.51 -0.99 -1.34	34.29 -0.91 -2.55	34.09 -0.50 -3.13	34.51 -0.55 -4.30	32.15 -0.57 -4.00	32.11 -0.48 -2.57	30.19 -0.03 -2.19	31.07 -0.09 -1.21	32.06 -1.66 0.24	30.94 -0.95 -0.07
OXY_CHEM_DSASP 323612	26.29 -1.33 0.00	24.53 -1.45 0.00	23.90 -1.44 0.00	22.02 -1.63 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.84 -1.38 -0.14	26.34 -2.19 -0.43	29.40 -2.35 -0.41	31.79 -2.76 -0.08	32.92 -2.29 0.03	34.72 -2.46 0.03	30.42 -1.75 -0.90	29.84 -1.39 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.98 -1.05 -4.27	31.68 -1.01 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
OZONE_PARK_ESR 323760	29.79 2.18 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.47 1.82 0.00	24.61 1.79 -0.19	25.91 1.81 0.00	29.18 2.11 -0.98	33.51 2.45 -2.96	36.93 2.76 -2.83	38.16 3.14 -0.55	38.28 3.03 0.00	40.45 3.24 0.00	40.80 3.25 -6.28	44.98 3.33 -12.16	47.15 3.76 -9.23	54.18 3.92 -17.61	77.61 3.87 -42.28	70.17 3.72 -35.69	59.68 3.39 -27.57	51.26 3.42 -17.82	45.73 2.52 -15.18	40.87 2.52 -8.40	38.23 2.68 -1.58	35.01 2.45 -0.74
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.29 -1.33 0.00	24.53 -1.45 0.00	23.90 -1.44 0.00	22.02 -1.63 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.84 -1.38 -0.14	26.34 -2.19 -0.43	29.40 -2.35 -0.41	31.79 -2.76 -0.08	32.92 -2.29 0.03	34.72 -2.46 0.03	30.42 -1.75 -0.90	29.84 -1.39 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.98 -1.05 -4.27	31.68 -1.01 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
PACKARD___115KV_DUPONT_184 80571	26.29 -1.33 0.00	24.53 -1.45 0.00	23.90 -1.44 0.00	22.02 -1.63 0.00	21.29 -1.38 -0.03	22.78 -1.33 0.00	24.84 -1.38 -0.14	26.34 -2.19 -0.43	29.40 -2.35 -0.41	31.79 -2.76 -0.08	32.92 -2.29 0.03	34.72 -2.46 0.03	30.42 -1.75 -0.90	29.84 -1.39 -1.75	33.95 -1.54 -1.33	33.77 -1.40 -2.53	33.53 -1.04 -3.10	33.98 -1.05 -4.27	31.68 -1.01 -3.96	31.54 -1.02 -2.54	29.66 -0.53 -2.17	30.52 -0.63 -1.20	31.54 -2.17 0.25	30.46 -1.43 -0.07
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.78 2.15 -0.01	27.89 1.90 -0.01	27.30 1.95 -0.01	25.46 1.80 -0.01	24.58 1.74 -0.19	25.84 1.74 0.00	29.02 1.96 -0.98	33.29 2.22 -2.96	36.53 2.35 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.12 2.90 0.00	40.62 3.06 -6.28	44.78 3.13 -12.17	46.85 3.45 -9.24	53.92 3.66 -17.62	77.37 3.62 -42.29	69.93 3.48 -35.69	59.43 3.13 -27.58	50.91 3.06 -17.83	45.39 2.19 -15.18	40.66 2.31 -8.40	38.07 2.51 -1.59	34.92 2.35 -0.75

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.16 2.54 -0.01	28.09 2.10 -0.01	27.53 2.18 -0.01	25.62 1.96 -0.01	24.76 1.92 -0.19	26.11 2.00 0.00	29.38 2.32 -0.98	33.74 2.67 -2.96	37.00 2.82 -2.83	38.26 3.24 -0.55	38.46 3.21 0.00	40.67 3.46 0.00	41.12 3.56 -6.28	45.28 3.63 -12.17	47.39 4.00 -9.24	54.51 4.24 -17.62	77.93 4.18 -42.29	70.48 4.03 -35.69	59.95 3.65 -27.58	51.42 3.57 -17.83	45.84 2.63 -15.18	41.11 2.76 -8.40	38.58 3.02 -1.59	35.40 2.83 -0.75
PATROON__115KV_TB1 80586	28.77 1.16 0.00	26.97 0.99 0.00	26.31 0.96 0.00	24.57 0.92 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.42 1.07 -1.27	33.04 1.10 -3.84	36.27 1.25 -3.67	36.60 1.41 -0.72	36.69 1.45 0.00	38.74 1.53 0.00	48.17 1.44 -15.46	46.60 1.33 -15.79	47.75 1.61 -11.98	57.01 1.50 -22.86	60.91 1.45 -27.99	70.66 1.38 -38.51	71.53 1.29 -41.52	75.24 1.35 -43.87	66.55 1.15 -37.37	51.86 1.23 -20.69	39.18 1.32 -3.89	34.95 1.30 -1.83
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.12 -0.50 0.00	25.25 -0.73 0.00	24.61 -0.73 0.00	22.71 -0.95 0.00	21.70 -0.97 -0.03	23.45 -0.65 0.00	24.94 -1.30 -0.16	26.78 -1.80 -0.47	29.92 -1.88 -0.45	32.35 -2.21 -0.09	34.02 -1.20 0.03	36.14 -1.04 0.03	31.82 -0.47 -1.01	30.48 -0.94 -1.94	34.61 -1.02 -1.47	34.51 -0.95 -2.81	34.37 -0.53 -3.44	34.91 -0.58 -4.74	32.56 -0.57 -4.41	33.02 0.12 -2.88	30.93 0.45 -2.45	31.72 0.42 -1.36	31.99 -1.80 0.18	31.37 -0.54 -0.09
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.60 1.99 0.00	27.72 1.74 0.00	27.09 1.75 0.00	25.33 1.68 0.00	24.44 1.61 -0.19	25.70 1.59 0.00	29.01 1.93 -0.99	33.30 2.19 -3.00	36.73 2.51 -2.87	37.92 2.90 -0.56	38.03 2.78 0.00	40.15 2.94 0.00	40.64 2.97 -6.40	45.04 3.21 -12.34	47.22 3.69 -9.37	54.24 3.72 -17.88	77.68 3.62 -42.60	70.55 3.66 -36.13	60.06 3.33 -28.00	51.61 3.42 -18.16	46.11 2.61 -15.47	40.97 2.46 -8.56	37.95 2.38 -1.61	34.77 2.20 -0.76
PEEKSKILL____ 23653	29.30 1.68 0.00	27.51 1.53 0.00	26.84 1.49 0.00	25.10 1.44 0.00	24.23 1.40 -0.18	25.50 1.40 0.00	28.72 1.67 -0.96	32.94 1.91 -2.92	36.30 2.16 -2.79	37.42 2.41 -0.54	37.57 2.33 0.00	39.67 2.46 0.00	40.00 2.53 -6.20	44.10 2.62 -12.00	46.24 2.97 -9.10	53.06 3.04 -17.38	76.44 2.99 -41.99	68.97 2.92 -35.29	58.60 2.67 -27.20	50.30 2.70 -17.58	45.00 1.99 -14.98	40.18 1.95 -8.29	37.56 2.04 -1.56	34.46 1.91 -0.73
PGE MADISON__WINDPWR 24146	29.60 1.99 0.00	27.62 1.64 0.00	26.84 1.49 0.00	25.00 1.35 0.00	23.91 1.22 -0.05	25.63 1.52 0.00	28.39 2.04 -0.27	31.11 2.19 -0.81	34.28 2.16 -0.78	37.13 2.51 -0.15	37.92 2.68 0.01	40.18 2.98 0.01	36.46 2.72 -2.47	35.23 2.42 -3.33	39.59 2.90 -2.53	40.05 2.58 -4.83	40.21 2.83 -5.91	41.78 2.89 -8.13	39.62 2.76 -8.14	40.17 3.15 -7.00	37.18 3.19 -5.96	36.60 3.35 -3.30	37.50 3.02 -0.51	34.78 2.67 -0.28
PIERCEFIELD__HYD 23852	27.59 -0.03 0.00	26.08 0.10 0.00	25.39 0.05 0.00	23.75 0.09 0.00	22.51 -0.14 0.00	23.82 -0.29 0.00	25.49 -0.60 0.00	27.49 -0.62 0.00	30.63 -0.72 0.00	33.68 -0.79 0.00	34.44 -0.81 0.00	36.32 -0.89 0.00	29.43 -1.85 0.00	27.71 -1.77 0.00	32.11 -2.05 0.00	30.55 -2.09 0.00	29.26 -2.20 0.00	28.70 -2.06 0.00	26.86 -1.87 0.00	28.04 -1.98 0.00	26.46 -1.57 0.00	28.45 -1.50 0.00	33.76 -0.20 0.00	31.66 -0.16 0.00
PINELAWN_CC_1 323563	35.57 2.71 -5.25	33.54 2.55 -5.02	32.20 2.51 -4.35	27.73 2.34 -1.74	28.84 2.29 -3.91	28.46 2.34 -2.02	31.06 2.69 -2.28	35.10 3.01 -3.99	39.17 3.39 -4.44	40.53 3.76 -2.31	47.06 3.60 -8.21	48.39 3.76 -7.42	52.40 3.35 -17.78	61.32 3.24 -28.60	72.23 3.52 -34.55	75.11 3.62 -38.85	119.61 3.59 -84.56	80.68 3.57 -46.36	67.53 3.24 -35.56	62.41 3.36 -29.03	57.67 2.72 -26.93	50.13 3.11 -17.06	46.72 3.36 -9.39	44.57 3.18 -9.57
PJM_GEN_HTP_PROXY 323702	29.49 1.88 0.00	27.69 1.71 0.00	27.02 1.67 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.94 1.88 -0.98	33.23 2.16 -2.96	36.59 2.41 -2.83	37.71 2.69 -0.55	37.86 2.61 0.00	40.01 2.79 0.00	40.40 2.85 -6.28	44.59 2.95 -12.16	46.70 3.31 -9.23	53.68 3.43 -17.61	77.11 3.37 -42.28	69.70 3.26 -35.69	59.25 2.96 -27.57	50.81 2.97 -17.82	45.37 2.16 -15.18	40.51 2.16 -8.40	37.82 2.28 -1.58	34.66 2.10 -0.74
PJM_GEN_KEystone 24065	26.99 0.39 1.01	24.67 0.26 1.57	23.34 0.25 2.26	23.16 0.12 0.61	22.47 0.14 0.31	22.75 0.22 1.57	23.78 0.21 2.51	25.02 0.14 3.23	27.56 0.13 3.91	28.77 0.10 5.80	32.23 0.32 3.33	33.90 0.41 3.72	35.27 0.75 -3.25	36.81 0.77 -6.57	39.81 0.89 -4.76	43.03 0.98 -9.40	44.33 1.10 -11.76	47.80 1.05 -15.99	44.69 0.92 -15.05	40.72 1.05 -9.65	37.22 0.84 -8.35	34.60 0.81 -3.85	34.00 0.14 0.10	29.40 0.41 2.83
PJM_GEN_NEPTUNE_PROXY 323594	35.10 2.24 -5.25	33.07 2.08 -5.01	31.72 2.03 -4.34	27.31 1.92 -1.74	28.43 1.88 -3.91	28.03 1.90 -2.02	30.56 2.19 -2.28	34.56 2.47 -3.98	38.57 2.79 -4.44	39.91 3.14 -2.30	46.38 2.92 -8.21	46.65 3.05 -6.38	48.89 3.00 -14.62	61.09 3.01 -28.60	72.10 3.38 -34.55	74.72 3.46 -38.62	119.13 3.43 -84.24	70.18 3.35 -36.07	59.88 3.04 -28.11	59.38 3.09 -26.27	56.63 2.35 -26.25	48.26 2.42 -15.89	46.04 2.68 -9.39	43.94 2.55 -9.57
PJM_GEN_VFT_PROXY 323633	29.35 1.74 0.00	27.57 1.59 0.00	26.89 1.55 0.00	25.12 1.47 0.00	24.28 1.45 -0.19	25.53 1.42 0.00	28.81 1.75 -0.98	31.07 2.02 -0.94	31.38 2.23 2.20	31.38 2.48 5.57	31.34 2.36 6.27	31.30 2.53 8.45	32.26 2.66 1.67	33.38 2.77 -1.13	34.99 3.08 2.25	36.01 3.23 -0.13	38.39 3.21 -3.72	36.19 3.08 -2.35	36.19 2.79 -4.68	34.10 2.76 -1.32	32.90 1.96 -2.91	31.26 1.95 0.64	33.84 2.04 2.17	32.05 1.91 1.68
PLATSBRG_115KV_PMLD1 355749	27.86 0.25 0.00	26.42 0.44 0.00	25.70 0.35 0.00	24.01 0.35 0.00	22.96 0.32 0.00	24.47 0.36 0.00	26.19 0.10 0.00	28.30 0.20 0.00	31.57 0.22 0.00	34.67 0.21 0.00	35.46 0.21 0.00	37.44 0.22 0.00	30.99 -0.28 0.00	29.22 -0.27 0.00	33.85 -0.31 0.00	32.25 -0.39 0.00	30.90 -0.57 0.00	30.30 -0.46 0.00	28.32 -0.40 0.00	29.54 -0.48 0.00	27.89 -0.14 0.00	29.77 -0.18 0.00	34.24 0.27 0.00	32.01 0.19 0.00
PLEASANTVLY__LBMP 24000	29.19 1.57 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.15 1.31 -0.20	25.43 1.33 0.00	28.68 1.57 -1.03	32.94 1.71 -3.12	36.28 1.94 -2.98	37.22 2.17 -0.58	37.33 2.08 0.00	39.41 2.20 0.00	40.13 2.22 -6.64	44.56 2.24 -12.84	46.46 2.56 -9.74	53.81 2.58 -18.59	56.77 2.55 -22.76	64.53 2.46 -31.31	60.10 2.27 -29.11	51.17 2.31 -18.84	45.82 1.74 -16.05	40.57 1.74 -8.88	37.47 1.83 -1.67	34.35 1.75 -0.78
PLSNTVLE_13_KV_13.8KVDIST 80602	29.44 1.82 0.00	27.59 1.61 0.00	26.99 1.65 0.00	25.19 1.54 0.00	24.34 1.52 -0.19	25.62 1.52 0.00	28.85 1.77 -0.99	33.15 2.05 -2.99	36.52 2.32 -2.86	37.64 2.62 -0.56	37.79 2.54 0.00	39.89 2.68 0.00	40.33 2.72 -6.34	44.56 2.80 -12.28	46.66 3.18 -9.32	53.69 3.26 -17.78	77.16 3.21 -42.49	69.87 3.14 -35.97	59.43 2.87 -27.83	50.92 2.91 -17.99	45.51 2.16 -15.32	40.56 2.13 -8.48	37.77 2.21 -1.59	34.57 2.00 -0.75

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.44 1.82 0.00	27.59 1.61 0.00	26.99 1.65 0.00	25.19 1.54 0.00	24.34 1.52 -0.19	25.62 1.52 0.00	28.85 1.77 -0.99	33.15 2.05 -2.99	36.52 2.32 -2.86	37.64 2.62 -0.56	37.79 2.54 0.00	39.89 2.68 0.00	40.33 2.72 -6.34	44.56 2.80 -12.28	46.66 3.18 -9.32	53.69 3.26 -17.78	77.16 3.21 -42.49	69.87 3.14 -35.97	59.43 2.87 -27.83	50.92 2.91 -17.99	45.51 2.16 -15.32	40.56 2.13 -8.48	37.77 2.21 -1.59	34.57 2.00 -0.75
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.38 1.77 0.00	27.51 1.53 0.00	26.91 1.57 0.00	25.12 1.47 0.00	24.26 1.43 -0.19	25.53 1.42 0.00	28.76 1.67 -1.00	32.92 1.77 -3.05	36.30 2.04 -2.91	37.35 2.31 -0.57	37.50 2.26 0.00	39.60 2.38 0.00	40.28 2.41 -6.60	44.36 2.36 -12.52	46.29 2.63 -9.50	53.46 2.68 -18.14	56.31 2.64 -22.20	63.92 2.61 -30.55	59.60 2.38 -28.49	51.20 2.46 -18.72	45.82 1.85 -15.94	40.72 1.95 -8.83	37.70 2.07 -1.66	34.57 1.97 -0.78
POLETTI____ 23519	29.49 1.88 0.00	27.64 1.66 0.00	27.07 1.72 0.00	25.24 1.58 0.00	24.39 1.56 -0.19	25.67 1.57 0.00	28.91 1.85 -0.98	33.20 2.14 -2.96	36.59 2.41 -2.83	37.74 2.72 -0.55	37.86 2.61 0.00	39.97 2.75 0.00	40.40 2.85 -6.28	44.56 2.92 -12.16	46.67 3.28 -9.23	53.69 3.43 -17.61	77.14 3.40 -42.28	69.71 3.26 -35.69	59.25 2.96 -27.57	50.78 2.94 -17.82	45.31 2.10 -15.18	40.45 2.10 -8.40	37.79 2.24 -1.58	34.60 2.04 -0.74
POMONA____ESR 323819	29.27 1.66 0.00	27.44 1.45 0.00	26.81 1.47 0.00	25.02 1.37 0.00	24.15 1.34 -0.18	25.43 1.33 0.00	28.63 1.62 -0.93	32.73 1.80 -2.82	36.11 2.07 -2.70	37.34 2.34 -0.53	37.50 2.26 0.00	39.56 2.34 0.00	39.70 2.44 -5.99	43.53 2.45 -11.60	45.73 2.77 -8.80	52.25 2.81 -16.80	54.83 2.80 -20.57	61.76 2.71 -28.30	57.49 2.47 -26.29	49.50 2.49 -16.99	44.30 1.79 -14.47	39.82 1.86 -8.01	37.44 1.97 -1.51	34.37 1.85 -0.71
PORT_JEFF_3 23555	35.82 2.96 -5.25	33.80 2.81 -5.02	32.45 2.76 -4.35	27.95 2.56 -1.74	29.07 2.51 -3.91	28.71 2.58 -2.02	31.31 2.95 -2.28	35.44 3.34 -3.99	39.51 3.73 -4.44	40.84 4.07 -2.31	47.27 3.81 -8.21	59.22 4.02 -17.99	65.50 3.72 -30.51	61.57 3.48 -28.61	72.58 3.86 -34.56	78.73 3.92 -42.17	124.71 3.87 -89.38	185.39 3.81 -150.82	151.86 3.45 -119.69	103.58 3.54 -70.02	60.60 2.86 -29.71	54.81 3.11 -21.75	46.82 3.47 -9.39	44.70 3.31 -9.57
PORT_JEFF_4 23616	35.82 2.96 -5.25	33.80 2.81 -5.02	32.45 2.76 -4.35	27.95 2.56 -1.74	29.07 2.51 -3.91	28.71 2.58 -2.02	31.31 2.95 -2.28	35.44 3.34 -3.99	39.51 3.73 -4.44	40.84 4.07 -2.31	47.27 3.81 -8.21	59.22 4.02 -17.99	65.50 3.72 -30.51	61.57 3.48 -28.61	72.58 3.86 -34.56	78.73 3.92 -42.17	124.71 3.87 -89.38	185.39 3.81 -150.82	151.86 3.45 -119.69	103.58 3.54 -70.02	60.60 2.86 -29.71	54.81 3.11 -21.75	46.82 3.47 -9.39	44.70 3.31 -9.57
PORT_JEFF_IC 23713	35.87 3.01 -5.25	33.88 2.88 -5.02	32.53 2.84 -4.35	28.02 2.63 -1.74	29.11 2.56 -3.91	28.75 2.63 -2.02	31.37 3.00 -2.28	35.49 3.40 -3.99	39.61 3.82 -4.44	40.91 4.13 -2.31	47.34 3.88 -8.21	61.04 4.13 -19.70	66.82 3.78 -31.77	61.66 3.57 -28.61	72.62 3.89 -34.57	79.32 3.98 -42.69	125.53 3.93 -90.14	202.32 3.88 -167.69	165.37 3.50 -133.14	110.06 3.60 -76.44	60.96 2.94 -29.99	55.39 3.24 -22.21	46.92 3.57 -9.39	44.80 3.41 -9.57
PPL PILGRIM_ST_GT1 24216	35.79 2.93 -5.25	33.75 2.75 -5.02	32.40 2.71 -4.35	27.90 2.51 -1.74	29.02 2.47 -3.91	28.66 2.53 -2.02	31.29 2.92 -2.28	35.38 3.29 -3.99	39.48 3.70 -4.44	40.87 4.10 -2.31	47.34 3.88 -8.21	50.27 4.06 -9.00	69.54 3.91 -34.36	61.74 3.66 -28.60	72.61 3.89 -34.55	75.94 3.95 -39.34	120.65 3.90 -85.29	96.57 3.84 -61.96	80.36 3.50 -48.14	68.76 3.57 -35.17	61.53 3.03 -30.47	56.55 3.38 -23.22	46.95 3.60 -9.39	44.80 3.41 -9.57
PPL PILGRIM_ST_GT2 24217	35.79 2.93 -5.25	33.75 2.75 -5.02	32.40 2.71 -4.35	27.90 2.51 -1.74	29.02 2.47 -3.91	28.66 2.53 -2.02	31.29 2.92 -2.28	35.38 3.29 -3.99	39.48 3.70 -4.44	40.87 4.10 -2.31	47.34 3.88 -8.21	50.27 4.06 -9.00	69.54 3.91 -34.36	61.74 3.66 -28.60	72.61 3.89 -34.55	75.94 3.95 -39.34	120.65 3.90 -85.29	96.57 3.84 -61.96	80.36 3.50 -48.14	68.76 3.57 -35.17	61.53 3.03 -30.47	56.55 3.38 -23.22	46.95 3.60 -9.39	44.80 3.41 -9.57
PPL_SHRM_GT3 24213	36.12 3.26 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.27 2.72 -3.91	28.94 2.82 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.89 4.11 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.55 4.13 -18.21	65.96 3.94 -30.75	61.92 3.83 -28.61	73.06 4.34 -34.56	79.28 4.41 -42.23	125.25 4.31 -89.47	187.87 4.15 -152.95	153.93 3.82 -121.38	104.88 4.05 -70.81	61.04 3.25 -29.76	55.17 3.38 -21.83	46.95 3.60 -9.39	44.89 3.50 -9.57
PPL_SHRM_GT4 24214	36.12 3.26 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.27 2.72 -3.91	28.94 2.82 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.89 4.11 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.55 4.13 -18.21	65.96 3.94 -30.75	61.92 3.83 -28.61	73.06 4.34 -34.56	79.28 4.41 -42.23	125.25 4.31 -89.47	187.87 4.15 -152.95	153.93 3.82 -121.38	104.88 4.05 -70.81	61.04 3.25 -29.76	55.17 3.38 -21.83	46.95 3.60 -9.39	44.89 3.50 -9.57
PROJECT___ORANGE 1 24174	27.34 -0.28 0.00	25.59 -0.39 0.00	24.94 -0.41 0.00	23.25 -0.40 0.00	22.27 -0.38 -0.02	23.74 -0.36 0.00	25.93 -0.23 -0.08	27.99 -0.37 -0.25	31.18 -0.41 -0.24	34.07 -0.45 -0.05	34.88 -0.35 0.01	36.86 -0.33 0.01	31.21 -0.06 0.00	30.40 -0.12 -1.04	34.84 -0.10 -0.79	34.05 -0.10 -1.50	33.24 -0.06 -1.84	33.19 -0.09 -2.53	30.57 -0.09 -1.93	29.93 -0.09 0.00	28.06 0.03 0.00	30.01 0.06 0.00	33.42 -0.34 0.21	31.49 -0.32 0.01
PROJECT___ORANGE 2 24166	27.34 -0.28 0.00	25.59 -0.39 0.00	24.94 -0.41 0.00	23.25 -0.40 0.00	22.27 -0.38 -0.02	23.74 -0.36 0.00	25.93 -0.23 -0.08	27.99 -0.37 -0.25	31.18 -0.41 -0.24	34.07 -0.45 -0.05	34.88 -0.35 0.01	36.86 -0.33 0.01	31.21 -0.06 0.00	30.40 -0.12 -1.04	34.84 -0.10 -0.79	34.05 -0.10 -1.50	33.24 -0.06 -1.84	33.19 -0.09 -2.53	30.57 -0.09 -1.93	29.93 -0.09 0.00	28.06 0.03 0.00	30.01 0.06 0.00	33.42 -0.34 0.21	31.49 -0.32 0.01
PUCKETT___SOLAR 323809	28.22 0.61 0.00	26.42 0.44 0.00	25.70 0.35 0.00	23.94 0.28 0.00	22.95 0.25 -0.06	24.49 0.38 0.00	26.90 0.52 -0.29	29.44 0.45 -0.88	32.60 0.41 -0.84	35.01 0.38 -0.16	35.80 0.56 0.01	37.88 0.67 0.01	34.44 0.81 -2.35	33.78 0.68 -3.62	37.73 0.82 -2.75	38.67 0.78 -5.25	38.83 0.94 -6.42	40.55 0.95 -8.84	38.26 0.95 -8.59	37.90 1.20 -6.67	34.95 1.23 -5.69	34.38 1.29 -3.15	35.22 0.78 -0.47	32.91 0.83 -0.27
PYRITES___HYD 24023	27.94 0.33 0.00	26.40 0.42 0.00	25.67 0.33 0.00	24.05 0.40 0.00	22.82 0.18 0.00	24.20 0.10 0.00	26.01 -0.08 0.00	28.11 0.00 0.00	31.29 -0.06 0.00	34.50 0.03 0.00	35.28 0.04 0.00	37.21 0.00 0.00	30.21 -1.06 0.00	28.45 -1.03 0.00	33.00 -1.16 0.00	31.31 -1.34 0.00	30.02 -1.45 0.00	29.44 -1.32 0.00	27.55 -1.18 0.00	28.79 -1.23 0.00	27.19 -0.84 0.00	29.20 -0.75 0.00	34.48 0.51 0.00	32.23 0.41 0.00

QUAKERRD_115KV_BK1 80622	26.73 -0.88 0.00	24.99 -0.99 0.00	24.33 -1.01 0.00	22.59 -1.06 0.00	21.64 -1.02 -0.02	23.14 -0.96 0.00	25.36 -0.83 -0.11	27.31 -1.12 -0.33	30.44 -1.22 -0.31	33.19 -1.34 -0.06	34.01 -1.20 0.04	35.91 -1.27 0.04	31.15 -0.78 -0.66	30.30 -0.53 -1.35	34.57 -0.61 -1.03	34.11 -0.49 -1.96	33.39 -0.47 -2.40	33.57 -0.49 -3.30	31.27 -0.49 -3.03	31.28 -0.60 -1.86	29.39 -0.22 -1.59	30.53 -0.30 -0.88	32.52 -1.09 0.36	30.87 -0.99 -0.04
QUENSBRY_115KV_TB8 356137	29.74 2.13 0.00	27.83 1.84 0.00	27.12 1.77 0.00	25.36 1.70 0.00	24.52 1.63 -0.25	25.84 1.74 0.00	29.37 1.98 -1.30	34.14 2.08 -3.95	37.63 2.51 -3.78	38.06 2.86 -0.74	38.14 2.89 0.00	40.19 2.98 0.00	54.03 2.56 -20.20	47.78 2.06 -16.23	49.01 2.53 -12.32	58.54 2.38 -23.51	62.61 2.36 -28.79	72.55 2.18 -39.61	77.06 2.27 -46.06	89.70 2.37 -57.31	79.48 2.63 -48.82	59.79 2.82 -27.02	41.93 2.89 -5.08	36.91 2.70 -2.39
RAMAPO___LBMP 323565	29.13 1.52 0.00	27.33 1.35 0.00	26.71 1.37 0.00	24.93 1.28 0.00	24.08 1.27 -0.18	25.36 1.25 0.00	28.53 1.51 -0.93	32.60 1.69 -2.81	35.98 1.94 -2.69	37.20 2.21 -0.52	37.33 2.08 0.00	39.41 2.20 0.00	39.52 2.28 -5.96	43.36 2.33 -11.55	45.55 2.63 -8.76	52.05 2.68 -16.73	54.62 2.67 -20.48	61.52 2.58 -28.17	57.26 2.36 -26.18	49.31 2.37 -16.92	44.15 1.71 -14.41	39.66 1.74 -7.98	37.30 1.83 -1.50	34.24 1.72 -0.70
RANKINE____ 23646	27.20 -0.41 0.00	25.33 -0.65 0.00	24.68 -0.66 0.00	22.78 -0.88 0.00	21.79 -0.88 -0.03	23.53 -0.58 0.00	25.35 -0.89 -0.15	27.13 -1.43 -0.46	30.28 -1.50 -0.44	32.80 -1.76 -0.09	34.16 -1.06 0.03	36.14 -1.04 0.03	31.76 -0.50 -0.99	30.82 -0.56 -1.90	34.99 -0.61 -1.44	34.87 -0.52 -2.75	34.70 -0.13 -3.36	35.20 -0.18 -4.63	32.83 -0.20 -4.31	32.94 0.12 -2.80	30.92 0.50 -2.39	31.72 0.45 -1.32	32.45 -1.32 0.19	31.43 -0.48 -0.09
RAVENSWOOD_GT2_1 24244	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.94 1.88 -0.98	33.26 2.19 -2.96	36.59 2.41 -2.83	37.71 2.69 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.74 3.29 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.51 2.16 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD_GT2_2 24245	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.94 1.88 -0.98	33.26 2.19 -2.96	36.59 2.41 -2.83	37.71 2.69 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.74 3.29 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.51 2.16 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD_GT2_3 24246	29.55 1.93 0.00	27.75 1.77 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.97 1.90 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.65 3.01 -12.16	46.74 3.35 -9.23	53.75 3.49 -17.61	77.20 3.46 -42.28	69.77 3.32 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.40 2.19 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD_GT2_4 24247	29.55 1.93 0.00	27.75 1.77 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.97 1.90 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.65 3.01 -12.16	46.74 3.35 -9.23	53.75 3.49 -17.61	77.20 3.46 -42.28	69.77 3.32 -35.69	59.31 3.02 -27.57	50.84 3.00 -17.82	45.40 2.19 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD_GT3_1 24248	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD_GT3_2 24249	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD_GT3_3 24250	29.57 1.96 0.00	27.77 1.79 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.46 1.63 -0.19	25.75 1.64 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.65 2.48 -2.83	37.78 2.76 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.49 2.94 -6.28	44.68 3.04 -12.16	46.77 3.38 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.07 -27.57	50.90 3.06 -17.82	45.42 2.21 -15.18	40.60 2.25 -8.40	37.92 2.38 -1.58	34.75 2.19 -0.74
RAVENSWOOD_GT3_4 24251	29.57 1.96 0.00	27.77 1.79 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.46 1.63 -0.19	25.75 1.64 0.00	28.99 1.93 -0.98	33.31 2.25 -2.96	36.65 2.48 -2.83	37.78 2.76 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.49 2.94 -6.28	44.68 3.04 -12.16	46.77 3.38 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.83 3.38 -35.69	59.37 3.08 -27.57	50.90 3.06 -17.82	45.42 2.21 -15.18	40.60 2.25 -8.40	37.92 2.38 -1.58	34.75 2.19 -0.74
RAVENSWOOD_GT_1 23729	29.66 2.04 0.00	27.85 1.87 0.00	27.19 1.85 0.00	25.38 1.73 0.00	24.53 1.70 -0.19	25.79 1.69 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.65 2.48 -2.83	37.71 2.69 -0.55	37.96 2.71 0.00	40.15 2.94 0.00	40.58 3.03 -6.28	44.74 3.09 -12.16	46.80 3.42 -9.23	57.03 3.66 -20.73	77.34 3.59 -42.29	70.22 3.44 -36.01	59.40 3.10 -27.58	50.90 3.06 -17.82	45.40 2.19 -15.18	40.60 2.25 -8.40	37.99 2.45 -1.58	34.85 2.29 -0.74
RAVENSWOOD_GT_10 24258	29.55 1.93 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.72 3.46 -17.61	77.17 3.43 -42.28	69.74 3.29 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.69 2.13 -0.74
RAVENSWOOD_GT_11 24259	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.94 1.88 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74

RAVENSWOOD_GT_4 24252	29.52 1.91 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.26 1.61 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	56.09 3.46 -19.98	77.18 3.43 -42.28	69.99 3.29 -35.93	59.29 2.99 -27.57	50.84 3.00 -17.82	45.39 2.19 -15.18	40.51 2.16 -8.40	37.82 2.28 -1.58	34.66 2.10 -0.74
RAVENSWOOD_GT_5 24254	29.52 1.91 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.26 1.61 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	56.09 3.46 -19.98	77.18 3.43 -42.28	69.99 3.29 -35.93	59.29 2.99 -27.57	50.84 3.00 -17.82	45.39 2.19 -15.18	40.51 2.16 -8.40	37.82 2.28 -1.58	34.66 2.10 -0.74
RAVENSWOOD_GT_6 24253	29.52 1.91 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.26 1.61 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	56.09 3.46 -19.98	77.18 3.43 -42.28	69.99 3.29 -35.93	59.29 2.99 -27.57	50.84 3.00 -17.82	45.39 2.19 -15.18	40.51 2.16 -8.40	37.82 2.28 -1.58	34.66 2.10 -0.74
RAVENSWOOD_GT_7 24255	29.52 1.91 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.26 1.61 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	56.09 3.46 -19.98	77.18 3.43 -42.28	69.99 3.29 -35.93	59.29 2.99 -27.57	50.84 3.00 -17.82	45.39 2.19 -15.18	40.51 2.16 -8.40	37.82 2.28 -1.58	34.66 2.10 -0.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.55 1.93 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.23 2.16 -2.96	36.62 2.45 -2.83	37.78 2.76 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.46 2.91 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.72 3.46 -17.61	77.17 3.43 -42.28	69.74 3.29 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.69 2.13 -0.74
RAVENSWOOD_GT_9 24257	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.41 1.58 -0.19	25.70 1.59 0.00	28.94 1.88 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD___1 23533	29.66 2.04 0.00	27.83 1.84 0.00	27.17 1.83 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.77 1.66 0.00	28.99 1.93 -0.98	33.34 2.28 -2.96	36.62 2.45 -2.83	37.71 2.69 -0.55	37.93 2.68 0.00	40.12 2.90 0.00	40.55 3.00 -6.28	44.71 3.07 -12.16	46.77 3.38 -9.23	53.88 3.62 -17.61	77.30 3.55 -42.28	69.86 3.41 -35.69	59.37 3.08 -27.57	50.87 3.03 -17.82	45.37 2.16 -15.18	40.57 2.22 -8.40	37.96 2.41 -1.58	34.82 2.26 -0.74
RAVENSWOOD___2 23534	29.63 2.01 0.00	27.83 1.84 0.00	27.14 1.80 0.00	25.36 1.70 0.00	24.50 1.68 -0.19	25.70 1.59 0.00	28.94 1.88 -0.98	33.26 2.19 -2.96	36.56 2.38 -2.83	37.61 2.59 -0.55	37.86 2.61 0.00	40.04 2.83 0.00	40.49 2.94 -6.28	44.50 2.86 -12.16	46.46 3.08 -9.23	53.59 3.33 -17.61	76.98 3.24 -42.28	69.59 3.14 -35.69	59.11 2.82 -27.57	50.60 2.76 -17.82	45.17 1.96 -15.18	40.51 2.16 -8.40	37.89 2.34 -1.58	34.75 2.19 -0.74
RAVENSWOOD___3 23535	29.52 1.90 0.00	27.75 1.77 0.00	27.07 1.72 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.70 1.59 0.00	28.97 1.90 -0.98	33.26 2.19 -2.96	36.62 2.45 -2.83	37.74 2.72 -0.55	37.89 2.64 0.00	40.04 2.83 0.00	40.43 2.88 -6.28	44.62 2.98 -12.16	46.70 3.31 -9.23	53.75 3.49 -17.61	77.17 3.43 -42.28	69.77 3.32 -35.69	59.28 2.99 -27.57	50.84 3.00 -17.82	45.37 2.16 -15.18	40.54 2.19 -8.40	37.86 2.31 -1.58	34.73 2.16 -0.74
RAVENSWOOD___4 23820	29.63 2.01 0.00	27.83 1.84 0.00	27.14 1.80 0.00	25.36 1.70 0.00	24.48 1.65 -0.19	25.75 1.64 0.00	28.97 1.90 -0.98	33.31 2.25 -2.96	36.59 2.41 -2.83	37.67 2.65 -0.55	37.93 2.68 0.00	40.08 2.87 0.00	40.52 2.97 -6.28	44.68 3.04 -12.16	46.74 3.35 -9.23	50.78 3.59 -14.55	77.26 3.52 -42.27	69.51 3.38 -35.37	59.33 3.04 -27.56	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.92 2.38 -1.58	34.82 2.26 -0.74
RCPL_TRUST___DRP 24196	29.55 1.93 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.68 3.04 -12.16	46.81 3.42 -9.23	53.75 3.49 -17.61	77.20 3.46 -42.28	69.77 3.32 -35.69	59.34 3.04 -27.57	50.87 3.03 -17.82	45.42 2.21 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.69 2.13 -0.74
RED___ROCHESTER 323720	27.61 0.00 0.00	25.85 -0.13 0.00	25.17 -0.18 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.09 -0.10 -0.11	28.08 -0.37 -0.34	31.23 -0.44 -0.33	34.08 -0.45 -0.06	35.07 -0.14 0.04	37.03 -0.15 0.04	32.20 0.25 -0.68	31.35 0.47 -1.40	35.77 0.54 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.38 0.52 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.86 0.00 -0.04
REGAN___SOLAR 323812	31.34 3.73 0.00	28.94 2.96 0.00	28.06 2.71 0.00	26.23 2.58 0.00	25.35 2.42 -0.28	26.78 2.68 0.00	31.12 3.55 -1.49	36.24 3.63 -4.50	39.48 3.82 -4.30	39.30 4.00 -0.84	39.51 4.26 0.00	41.60 4.39 0.00	53.87 3.75 -18.85	51.21 3.21 -18.51	52.17 3.96 -14.05	63.31 3.85 -26.81	68.41 4.12 -32.83	80.20 4.27 -45.16	82.20 4.22 -49.25	88.06 4.56 -53.48	78.18 4.60 -45.55	60.14 4.97 -25.22	43.77 5.06 -4.74	38.59 4.55 -2.23
RENSSELAER___COGEN 23796	28.58 0.97 0.00	26.89 0.91 0.00	26.18 0.84 0.00	24.46 0.80 0.00	23.69 0.81 -0.24	24.88 0.77 0.00	28.28 0.94 -1.25	32.77 0.87 -3.79	36.01 1.03 -3.63	36.31 1.14 -0.71	36.38 1.13 0.00	38.40 1.19 0.00	46.06 1.16 -13.63	46.13 1.06 -15.59	47.26 1.26 -11.83	56.40 1.17 -22.58	60.28 1.16 -27.65	69.94 1.14 -38.04	69.47 1.03 -39.72	69.80 1.11 -38.67	61.86 0.90 -32.94	49.14 0.96 -18.23	38.45 1.05 -3.43	34.54 1.11 -1.61
REPUBLIC_115KV_BARTNBRK 55605	31.59 3.98 0.00	29.28 3.30 0.00	28.51 3.17 0.00	26.68 3.03 0.00	25.76 2.88 -0.25	27.22 3.11 0.00	31.17 3.78 -1.30	36.07 4.02 -3.95	39.92 4.80 -3.77	40.68 5.48 -0.74	41.21 5.96 0.00	43.24 6.03 0.00	56.41 5.00 -20.13	49.92 4.22 -16.22	51.66 5.19 -12.31	61.04 4.90 -23.50	65.01 4.78 -28.77	74.86 4.52 -39.57	79.13 4.42 -45.99	91.73 4.59 -57.12	81.62 4.93 -48.65	62.27 5.39 -26.93	44.63 5.60 -5.06	39.38 5.19 -2.38

REVERE_CPPR_DRP 24186	28.36 0.75 0.00	26.53 0.55 0.00	25.85 0.51 0.00	24.15 0.50 0.00	23.06 0.41 -0.01	24.61 0.51 0.00	26.94 0.81 -0.05	29.15 0.90 -0.14	32.42 0.94 -0.13	35.67 1.17 -0.03	36.48 1.23 0.01	38.58 1.38 0.01	32.52 1.25 0.00	31.21 1.15 -0.58	35.97 1.37 -0.44	34.69 1.21 -0.84	33.81 1.32 -1.03	33.47 1.29 -1.41	31.01 1.21 -1.08	31.40 1.38 0.00	29.43 1.40 0.00	31.42 1.47 0.00	35.24 1.36 0.09	32.99 1.18 0.01
REYNOLDS_115KV_TB3 80639	28.83 1.21 0.00	27.05 1.07 0.00	26.41 1.06 0.00	24.67 1.02 0.00	23.88 1.00 -0.24	25.09 0.99 0.00	28.49 1.15 -1.25	33.06 1.15 -3.80	36.30 1.32 -3.63	36.62 1.45 -0.71	36.69 1.45 0.00	38.70 1.49 0.00	47.13 1.44 -14.42	46.43 1.33 -15.62	47.58 1.57 -11.85	56.73 1.47 -22.62	60.57 1.42 -27.69	70.24 1.38 -38.10	70.40 1.29 -40.38	72.29 1.35 -40.92	64.06 1.18 -34.85	50.47 1.23 -19.29	38.95 1.36 -3.63	34.86 1.34 -1.70
RIVERBAY____ 323610	30.16 2.54 -0.01	28.09 2.10 -0.01	27.53 2.18 -0.01	25.62 1.96 -0.01	24.76 1.92 -0.19	26.11 2.00 0.00	29.38 2.32 -0.98	33.74 2.67 -2.96	37.00 2.82 -2.83	38.26 3.24 -0.55	38.46 3.21 0.00	40.67 3.46 0.00	41.12 3.56 -6.28	45.28 3.63 -12.17	47.39 4.00 -9.24	54.51 4.24 -17.62	77.93 4.18 -42.29	70.48 4.03 -35.69	59.95 3.65 -27.58	51.42 3.57 -17.83	45.84 2.63 -15.18	41.11 2.76 -8.40	38.58 3.02 -1.59	35.40 2.83 -0.75
RIVERSDE_115KV_TB3 55908	28.75 1.13 0.00	26.97 0.99 0.00	26.33 0.99 0.00	24.57 0.92 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.41 1.07 -1.26	32.99 1.07 -3.81	36.22 1.22 -3.64	36.56 1.38 -0.71	36.62 1.37 0.00	38.63 1.41 0.00	47.26 1.38 -14.61	46.42 1.27 -15.67	47.59 1.54 -11.89	56.78 1.44 -22.70	60.64 1.38 -27.79	70.35 1.35 -38.23	70.60 1.24 -40.64	72.78 1.29 -41.47	64.47 1.12 -35.32	50.67 1.17 -19.55	38.93 1.29 -3.68	34.82 1.27 -1.73
ROARING__BROOK_WT_PWR 323790	27.45 -0.16 0.00	25.85 -0.13 0.00	25.22 -0.13 0.00	23.56 -0.09 0.00	22.53 -0.11 0.00	23.99 -0.12 0.00	25.93 -0.16 0.00	27.94 -0.17 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.99 -0.22 0.00	30.96 -0.31 0.00	29.19 -0.29 0.00	33.82 -0.34 0.00	32.29 -0.36 0.00	31.09 -0.38 0.00	30.42 -0.34 0.00	28.41 -0.32 0.00	29.69 -0.33 0.00	27.75 -0.28 0.00	29.65 -0.30 0.00	33.76 -0.20 0.00	31.63 -0.19 0.00
ROCHESRG_115KV_T4 355643	27.25 -0.36 0.00	25.49 -0.49 0.00	24.81 -0.53 0.00	23.01 -0.64 0.00	22.05 -0.61 -0.02	23.62 -0.48 0.00	25.83 -0.37 -0.11	27.74 -0.70 -0.34	30.92 -0.75 -0.32	33.70 -0.83 -0.06	34.58 -0.63 0.04	36.51 -0.67 0.04	31.70 -0.25 -0.68	30.87 0.00 -1.39	35.25 0.03 -1.05	34.79 0.13 -2.01	34.12 0.19 -2.46	34.30 0.15 -3.39	31.96 0.11 -3.12	31.94 0.00 -1.92	30.06 0.39 -1.64	31.18 0.33 -0.91	33.09 -0.51 0.36	31.48 -0.38 -0.04
ROCHESTER_9_IC 23652	27.45 -0.17 0.00	25.67 -0.31 0.00	24.99 -0.35 0.00	23.16 -0.50 0.00	22.19 -0.48 -0.02	23.77 -0.34 0.00	25.99 -0.21 -0.11	27.91 -0.53 -0.34	31.14 -0.53 -0.33	33.95 -0.59 -0.06	34.86 -0.35 0.04	36.80 -0.37 0.04	31.96 0.00 -0.68	31.15 0.27 -1.40	35.53 0.31 -1.06	35.09 0.42 -2.03	34.35 0.41 -2.48	34.54 0.37 -3.41	32.18 0.32 -3.14	32.20 0.24 -1.94	30.30 0.62 -1.65	31.43 0.57 -0.91	33.34 -0.27 0.35	31.70 -0.16 -0.04
ROCKVIEW_13_KV_LD 356306	29.57 1.96 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.72 2.54 -2.83	37.88 2.86 -0.55	38.03 2.78 0.00	40.15 2.94 0.00	40.52 2.97 -6.28	44.71 3.07 -12.16	46.87 3.48 -9.23	53.82 3.56 -17.61	77.27 3.52 -42.28	69.89 3.45 -35.69	59.45 3.16 -27.57	51.05 3.21 -17.82	45.56 2.35 -15.18	40.66 2.31 -8.40	37.92 2.38 -1.58	34.72 2.16 -0.74
ROME_____115KV_TB2 80656	28.36 0.75 0.00	26.53 0.55 0.00	25.85 0.51 0.00	24.15 0.50 0.00	23.06 0.41 -0.01	24.61 0.51 0.00	26.94 0.81 -0.05	29.15 0.90 -0.14	32.42 0.94 -0.13	35.67 1.17 -0.03	36.48 1.23 0.01	38.58 1.38 0.01	32.52 1.25 0.00	31.21 1.15 -0.58	35.97 1.37 -0.44	34.69 1.21 -0.84	33.81 1.32 -1.03	33.47 1.29 -1.41	31.01 1.21 -1.08	31.40 1.38 0.00	29.43 1.40 0.00	31.42 1.47 0.00	35.24 1.36 0.09	32.99 1.18 0.01
ROSETON__1 23587	29.10 1.49 0.00	27.36 1.38 0.00	26.69 1.34 0.00	24.93 1.28 0.00	24.09 1.27 -0.19	25.36 1.25 0.00	28.55 1.49 -0.98	32.72 1.66 -2.96	36.06 1.88 -2.83	37.12 2.10 -0.55	37.26 2.01 0.00	39.33 2.12 0.00	39.67 2.16 -6.24	43.85 2.21 -12.16	45.88 2.49 -9.23	52.77 2.51 -17.61	55.51 2.49 -21.56	62.85 2.43 -29.66	58.47 2.21 -27.53	49.98 2.25 -17.71	44.80 1.68 -15.09	39.98 1.68 -8.35	37.34 1.80 -1.57	34.27 1.72 -0.74
ROSETON__2 23588	29.10 1.49 0.00	27.36 1.38 0.00	26.69 1.34 0.00	24.93 1.28 0.00	24.09 1.27 -0.19	25.36 1.25 0.00	28.55 1.49 -0.98	32.72 1.66 -2.96	36.06 1.88 -2.83	37.12 2.10 -0.55	37.26 2.01 0.00	39.33 2.12 0.00	39.67 2.16 -6.24	43.85 2.21 -12.16	45.88 2.49 -9.23	52.77 2.51 -17.61	55.51 2.49 -21.56	62.85 2.43 -29.66	58.47 2.21 -27.53	49.98 2.25 -17.71	44.80 1.68 -15.09	39.98 1.68 -8.35	37.34 1.80 -1.57	34.27 1.72 -0.74
ROTTTRDAM_115KV_TB3 80664	28.99 1.38 0.00	27.15 1.17 0.00	26.51 1.17 0.00	24.74 1.09 0.00	23.96 1.06 -0.25	25.21 1.11 0.00	28.71 1.30 -1.32	33.46 1.35 -4.00	36.71 1.54 -3.82	36.94 1.72 -0.75	36.98 1.73 0.00	39.00 1.79 0.00	54.25 1.66 -21.32	47.46 1.53 -16.44	48.45 1.81 -12.48	58.19 1.73 -23.82	62.32 1.70 -29.16	72.53 1.66 -40.11	77.63 1.58 -47.33	92.16 1.65 -60.49	81.07 1.51 -51.52	60.06 1.59 -28.52	40.99 1.66 -5.36	35.96 1.62 -2.52
RUSSELL__1 23602	27.59 -0.03 0.00	25.82 -0.16 0.00	25.12 -0.23 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.12 -0.08 -0.11	28.05 -0.39 -0.34	31.33 -0.34 -0.33	34.15 -0.38 -0.06	35.07 -0.14 0.04	37.07 -0.11 0.04	32.17 0.22 -0.68	31.35 0.47 -1.40	35.77 0.55 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.35 0.49 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.89 0.03 -0.04
RUSSELL__2 23532	27.59 -0.03 0.00	25.82 -0.16 0.00	25.12 -0.23 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.12 -0.08 -0.11	28.05 -0.39 -0.34	31.33 -0.34 -0.33	34.15 -0.38 -0.06	35.07 -0.14 0.04	37.07 -0.11 0.04	32.17 0.22 -0.68	31.35 0.47 -1.40	35.77 0.55 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.35 0.49 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.89 0.03 -0.04
RUSSELL__3 23549	27.59 -0.03 0.00	25.82 -0.16 0.00	25.12 -0.23 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.12 -0.08 -0.11	28.05 -0.39 -0.34	31.33 -0.34 -0.33	34.15 -0.38 -0.06	35.07 -0.14 0.04	37.07 -0.11 0.04	32.17 0.22 -0.68	31.35 0.47 -1.40	35.77 0.55 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.35 0.49 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.89 0.03 -0.04

RUSSELL___4 23556	27.59 -0.03 0.00	25.82 -0.16 0.00	25.12 -0.23 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.12 -0.08 -0.11	28.05 -0.39 -0.34	31.33 -0.34 -0.33	34.15 -0.38 -0.06	35.07 -0.14 0.04	37.07 -0.11 0.04	32.17 0.22 -0.68	31.35 0.47 -1.40	35.77 0.55 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.35 0.49 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.89 0.03 -0.04
RUSSELL___STATION 23914	27.59 -0.03 0.00	25.82 -0.16 0.00	25.12 -0.23 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.12 -0.08 -0.11	28.05 -0.39 -0.34	31.33 -0.34 -0.33	34.15 -0.38 -0.06	35.07 -0.14 0.04	37.07 -0.11 0.04	32.17 0.22 -0.68	31.35 0.47 -1.40	35.77 0.55 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.35 0.49 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.89 0.03 -0.04
S SALMON___HYD 24043	27.28 -0.33 0.00	25.59 -0.39 0.00	24.91 -0.43 0.00	23.23 -0.43 0.00	22.22 -0.43 -0.01	23.70 -0.41 0.00	25.84 -0.31 -0.07	27.91 -0.39 -0.20	31.04 -0.50 -0.19	33.89 -0.62 -0.04	34.70 -0.57 -0.01	36.71 -0.52 -0.01	30.93 -0.34 0.00	29.96 -0.35 -0.83	34.38 -0.41 -0.63	33.39 -0.46 -1.20	32.49 -0.44 -1.47	32.38 -0.40 -2.02	30.04 -0.23 -1.54	29.84 -0.18 0.00	28.00 -0.03 0.00	30.04 0.09 0.00	33.95 -0.20 -0.19	31.55 -0.29 -0.01
S.PERRY___115KV_TB1 80734	28.39 0.77 0.00	26.42 0.44 0.00	25.70 0.35 0.00	23.82 0.17 0.00	22.81 0.14 -0.03	24.47 0.36 0.00	26.82 0.57 -0.16	28.70 0.11 -0.48	31.74 -0.06 -0.46	34.28 -0.28 -0.09	35.04 -0.18 0.03	36.96 -0.22 0.03	32.42 0.13 -1.03	31.62 0.18 -1.96	36.12 0.48 -1.49	36.00 0.52 -2.84	35.66 0.72 -3.47	36.40 0.86 -4.78	34.29 1.12 -4.45	34.22 1.29 -2.91	32.33 1.82 -2.48	33.24 1.92 -1.37	34.67 0.85 0.15	32.90 0.99 -0.09
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.98 -0.64 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.56 -1.09 0.00	21.63 -1.04 -0.03	23.33 -0.77 0.00	25.27 -0.97 -0.15	26.97 -1.57 -0.44	30.11 -1.66 -0.42	32.59 -1.96 -0.08	33.84 -1.37 0.03	35.73 -1.45 0.03	31.33 -0.88 -0.94	30.59 -0.71 -1.82	34.75 -0.79 -1.38	34.62 -0.65 -2.63	34.40 -0.28 -3.22	34.85 -0.34 -4.43	32.50 -0.34 -4.12	32.50 -0.18 -2.66	30.55 0.25 -2.27	31.35 0.15 -1.26	32.28 -1.46 0.22	31.13 -0.76 -0.08
SAWYER___23_KV_LOAD 55526	26.98 -0.64 0.00	25.12 -0.86 0.00	24.48 -0.86 0.00	22.56 -1.09 0.00	21.63 -1.04 -0.03	23.33 -0.77 0.00	25.27 -0.97 -0.15	26.97 -1.57 -0.44	30.11 -1.66 -0.42	32.59 -1.96 -0.08	33.84 -1.37 0.03	35.73 -1.45 0.03	31.33 -0.88 -0.94	30.59 -0.71 -1.82	34.75 -0.79 -1.38	34.62 -0.65 -2.63	34.40 -0.28 -3.22	34.85 -0.34 -4.43	32.50 -0.34 -4.12	32.50 -0.18 -2.66	30.55 0.25 -2.27	31.35 0.15 -1.26	32.28 -1.46 0.22	31.13 -0.76 -0.08
SELKIRK___I 23801	28.91 1.30 0.00	27.18 1.20 0.00	26.46 1.11 0.00	24.74 1.09 0.00	23.92 1.04 -0.23	25.17 1.06 0.00	28.54 1.23 -1.23	33.01 1.18 -3.72	36.29 1.38 -3.56	36.68 1.51 -0.69	36.76 1.51 0.00	38.78 1.56 0.00	44.34 1.47 -11.60	46.12 1.33 -15.31	47.38 1.61 -11.62	56.29 1.47 -22.17	60.03 1.42 -27.15	69.49 1.39 -37.34	67.58 1.26 -37.60	64.28 1.35 -32.91	57.27 1.20 -28.04	46.78 1.32 -15.52	38.34 1.46 -2.92	34.68 1.50 -1.37
SELKIRK___II 23799	28.66 1.05 0.00	26.94 0.96 0.00	26.23 0.89 0.00	24.53 0.88 0.00	23.74 0.86 -0.24	24.95 0.84 0.00	28.32 0.99 -1.24	32.86 0.98 -3.77	36.08 1.13 -3.61	36.45 1.28 -0.70	36.48 1.23 0.00	38.48 1.27 0.00	44.63 1.25 -12.11	46.18 1.18 -15.52	47.30 1.37 -11.77	56.42 1.31 -22.47	60.24 1.26 -27.51	69.84 1.23 -37.85	68.23 1.12 -38.39	65.58 1.20 -34.36	58.28 0.98 -29.27	47.20 1.05 -16.20	38.17 1.16 -3.05	34.43 1.18 -1.43
SENECA OSWGO___HYD 24041	27.03 -0.58 0.00	25.33 -0.65 0.00	24.66 -0.68 0.00	22.99 -0.66 0.00	22.02 -0.63 -0.01	23.48 -0.63 0.00	25.59 -0.57 -0.07	27.66 -0.67 -0.22	30.81 -0.75 -0.21	33.65 -0.86 -0.04	34.50 -0.78 -0.03	36.42 -0.82 -0.03	30.77 -0.50 0.00	29.90 -0.50 -0.92	34.28 -0.58 -0.70	33.43 -0.56 -1.34	32.60 -0.50 -1.64	32.52 -0.49 -2.25	30.04 -0.40 -1.72	29.60 -0.42 0.00	27.75 -0.28 0.00	29.68 -0.27 0.00	33.66 -0.68 -0.37	31.18 -0.67 -0.03
SENECA___115KV_TB3 355854	27.23 -0.39 0.00	25.38 -0.60 0.00	24.71 -0.63 0.00	22.80 -0.85 0.00	21.81 -0.86 -0.03	23.58 -0.53 0.00	25.40 -0.83 -0.15	27.19 -1.38 -0.46	30.35 -1.44 -0.44	32.83 -1.72 -0.09	34.23 -0.99 0.03	36.22 -0.97 0.03	31.82 -0.44 -0.99	30.88 -0.50 -1.90	35.05 -0.55 -1.44	34.93 -0.46 -2.75	34.77 -0.06 -3.36	35.27 -0.12 -4.63	32.89 -0.14 -4.31	33.00 0.18 -2.80	30.98 0.56 -2.39	31.78 0.51 -1.32	32.52 -1.26 0.19	31.46 -0.45 -0.09
SENECA___ENERGY 23797	27.45 -0.16 0.00	25.70 -0.29 0.00	24.96 -0.38 0.00	23.23 -0.43 0.00	22.26 -0.41 -0.02	23.82 -0.29 0.00	26.05 -0.16 -0.12	28.18 -0.28 -0.36	31.35 -0.34 -0.34	34.05 -0.48 -0.07	35.00 -0.25 0.01	36.98 -0.22 0.01	32.10 0.09 -0.73	31.04 0.09 -1.47	35.34 0.07 -1.11	34.87 0.10 -2.13	34.23 0.16 -2.60	34.50 0.15 -3.58	32.21 0.17 -3.31	32.34 0.24 -2.08	30.25 0.45 -1.78	31.41 0.48 -0.98	33.80 -0.24 -0.07	31.77 -0.13 -0.08
SHOEMAKER___GT 23640	28.88 1.27 0.00	27.15 1.17 0.00	26.48 1.14 0.00	24.74 1.09 0.00	23.87 1.06 -0.16	25.17 1.06 0.00	28.18 1.23 -0.87	32.08 1.35 -2.62	35.36 1.50 -2.51	36.68 1.72 -0.49	36.91 1.66 0.00	38.96 1.75 0.00	38.66 1.81 -5.57	42.07 1.80 -10.79	44.36 2.02 -8.19	50.33 2.06 -15.62	52.64 2.04 -19.13	59.07 2.00 -26.32	55.02 1.84 -24.45	47.72 1.89 -15.81	42.89 1.40 -13.46	38.87 1.47 -7.45	36.90 1.53 -1.40	33.94 1.46 -0.66
SHOEMAKR_138KV_BK 111 55601	28.91 1.30 0.00	27.10 1.12 0.00	26.48 1.14 0.00	24.72 1.06 0.00	23.85 1.04 -0.16	25.14 1.04 0.00	28.17 1.23 -0.86	32.06 1.35 -2.60	35.37 1.54 -2.49	36.68 1.72 -0.48	36.94 1.69 0.00	38.96 1.75 0.00	38.64 1.85 -5.52	42.00 1.83 -10.69	44.32 2.05 -8.11	50.21 2.09 -15.48	52.53 2.11 -18.95	58.87 2.03 -26.08	54.82 1.87 -24.23	47.60 1.92 -15.66	42.77 1.40 -13.34	38.80 1.47 -7.38	36.88 1.53 -1.39	33.90 1.43 -0.65
SHOREHAM_IC_1 23715	36.12 3.26 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.27 2.72 -3.91	28.94 2.82 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.89 4.11 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.55 4.13 -18.21	65.96 3.94 -30.75	61.92 3.83 -28.61	73.06 4.34 -34.56	79.28 4.41 -42.23	125.25 4.41 -89.47	187.87 4.15 -152.95	153.93 3.82 -121.38	104.88 4.05 -70.81	61.04 3.25 -29.76	55.17 3.38 -21.83	46.95 3.60 -9.39	44.89 3.50 -9.57
SHOREHAM_IC_2 23716	36.12 3.26 -5.25	34.06 3.06 -5.02	32.73 3.04 -4.35	28.18 2.79 -1.74	29.27 2.72 -3.91	28.94 2.82 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.89 4.11 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.55 4.13 -18.21	65.96 3.94 -30.75	61.92 3.83 -28.61	73.06 4.34 -34.56	79.28 4.41 -42.23	125.25 4.41 -89.47	187.87 4.15 -152.95	153.93 3.82 -121.38	104.88 4.05 -70.81	61.04 3.25 -29.76	55.17 3.38 -21.83	46.95 3.60 -9.39	44.89 3.50 -9.57

SISSONVILLE____ 23735	27.59 -0.03 0.00	26.08 0.10 0.00	25.39 0.05 0.00	23.75 0.09 0.00	22.51 -0.14 0.00	23.82 -0.29 0.00	25.49 -0.60 0.00	27.49 -0.62 0.00	30.63 -0.72 0.00	33.68 -0.79 0.00	34.44 -0.81 0.00	36.32 -0.89 0.00	29.43 -1.85 0.00	27.71 -1.77 0.00	32.11 -2.05 0.00	30.55 -2.09 0.00	29.26 -2.20 0.00	28.70 -2.06 0.00	26.86 -1.87 0.00	28.04 -1.98 0.00	26.46 -1.57 0.00	28.45 -1.50 0.00	33.76 -0.20 0.00	31.66 -0.16 0.00
SITHE_IND_GS1 24169	26.76 -0.86 0.00	25.10 -0.88 0.00	24.46 -0.89 0.00	22.80 -0.85 0.00	21.84 -0.81 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.45 -1.07 -0.17	33.33 -1.17 -0.03	33.88 -1.13 0.24	35.78 -1.19 0.24	30.40 -0.88 0.00	29.39 -0.83 -0.73	33.76 -0.96 -0.56	32.82 -0.88 -1.06	31.91 -0.85 -1.30	31.72 -0.83 -1.79	29.31 -0.77 -1.36	29.21 -0.81 0.00	27.39 -0.64 0.00	29.23 -0.72 0.00	29.44 -1.09 3.44	30.59 -0.99 0.24
SITHE_IND_GS2 24170	26.76 -0.86 0.00	25.10 -0.88 0.00	24.46 -0.89 0.00	22.80 -0.85 0.00	21.84 -0.81 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.45 -1.07 -0.17	33.33 -1.17 -0.03	33.88 -1.13 0.24	35.78 -1.19 0.24	30.40 -0.88 0.00	29.39 -0.83 -0.73	33.76 -0.96 -0.56	32.82 -0.88 -1.06	31.91 -0.85 -1.30	31.72 -0.83 -1.79	29.31 -0.77 -1.36	29.21 -0.81 0.00	27.39 -0.64 0.00	29.23 -0.72 0.00	29.44 -1.09 3.44	30.59 -0.99 0.24
SITHE_IND_GS3 24171	26.76 -0.86 0.00	25.10 -0.88 0.00	24.46 -0.89 0.00	22.80 -0.85 0.00	21.84 -0.81 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.45 -1.07 -0.17	33.33 -1.17 -0.03	33.88 -1.13 0.24	35.78 -1.19 0.24	30.40 -0.88 0.00	29.39 -0.83 -0.73	33.76 -0.96 -0.56	32.82 -0.88 -1.06	31.91 -0.85 -1.30	31.72 -0.83 -1.79	29.31 -0.77 -1.36	29.21 -0.81 0.00	27.39 -0.64 0.00	29.23 -0.72 0.00	29.44 -1.09 3.44	30.59 -0.99 0.24
SITHE_IND_GS4 24172	26.76 -0.86 0.00	25.10 -0.88 0.00	24.46 -0.89 0.00	22.80 -0.85 0.00	21.84 -0.81 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.45 -1.07 -0.17	33.33 -1.17 -0.03	33.88 -1.13 0.24	35.78 -1.19 0.24	30.40 -0.88 0.00	29.39 -0.83 -0.73	33.76 -0.96 -0.56	32.82 -0.88 -1.06	31.91 -0.85 -1.30	31.72 -0.83 -1.79	29.31 -0.77 -1.36	29.21 -0.81 0.00	27.39 -0.64 0.00	29.23 -0.72 0.00	29.44 -1.09 3.44	30.59 -0.99 0.24
SITHE____BATAVIA 24024	27.70 0.08 0.00	25.88 -0.10 0.00	25.14 -0.20 0.00	23.15 -0.50 0.00	22.19 -0.48 -0.02	23.91 -0.19 0.00	26.01 -0.21 -0.13	27.88 -0.62 -0.39	30.94 -0.78 -0.37	33.61 -0.93 -0.07	34.83 -0.39 0.03	36.73 -0.44 0.03	32.15 0.06 -0.81	31.30 0.21 -1.61	35.66 0.27 -1.22	35.37 0.39 -2.33	34.79 0.47 -2.86	35.18 0.49 -3.93	32.79 0.43 -3.64	32.84 0.51 -2.31	31.03 1.04 -1.97	32.02 0.99 -1.09	33.38 -0.31 0.28	31.94 0.06 -0.06
SITHE____INDEPEND 23800	26.76 -0.86 0.00	25.07 -0.91 0.00	24.46 -0.89 0.00	22.80 -0.85 0.00	21.84 -0.82 -0.01	23.29 -0.82 0.00	25.34 -0.81 -0.06	27.36 -0.93 -0.18	30.48 -1.03 -0.17	33.33 -1.17 -0.03	33.88 -1.13 0.24	35.78 -1.19 0.24	30.40 -0.88 0.00	29.39 -0.83 -0.73	33.76 -0.96 -0.56	32.82 -0.88 -1.06	31.91 -0.85 -1.30	31.71 -0.83 -1.79	29.31 -0.78 -1.36	29.21 -0.81 0.00	27.39 -0.64 0.00	29.23 -0.72 0.00	29.44 -1.09 3.44	30.59 -0.99 0.24
SITHE____MASSENA 23902	27.64 0.03 0.00	26.06 0.08 0.00	25.42 0.08 0.00	23.77 0.12 0.00	22.69 0.05 0.00	24.11 0.00 0.00	25.91 -0.18 0.00	27.97 -0.14 0.00	31.16 -0.19 0.00	34.26 -0.21 0.00	35.04 -0.21 0.00	36.96 -0.26 0.00	30.18 -1.10 0.00	28.42 -1.06 0.00	32.93 -1.23 0.00	31.37 -1.27 0.00	30.05 -1.42 0.00	29.44 -1.32 0.00	27.52 -1.21 0.00	28.73 -1.29 0.00	27.08 -0.95 0.00	28.99 -0.96 0.00	33.90 -0.07 0.00	31.76 -0.06 0.00
SITHE____OGDNSBRG 24021	27.89 0.28 0.00	26.40 0.42 0.00	25.67 0.33 0.00	24.03 0.38 0.00	22.87 0.23 0.00	24.27 0.17 0.00	26.03 -0.05 0.00	28.13 0.03 0.00	31.32 -0.03 0.00	34.47 0.00 0.00	35.25 0.00 0.00	37.18 -0.04 0.00	30.21 -1.06 0.00	28.45 -1.03 0.00	33.00 -1.16 0.00	31.34 -1.31 0.00	30.08 -1.38 0.00	29.47 -1.29 0.00	27.60 -1.12 0.00	28.85 -1.17 0.00	27.24 -0.78 0.00	29.20 -0.75 0.00	34.41 0.44 0.00	32.17 0.35 0.00
SITHE____STERLING 23777	28.22 0.61 0.00	26.40 0.41 0.00	25.70 0.35 0.00	23.96 0.31 0.00	22.92 0.27 -0.01	24.47 0.36 0.00	26.74 0.60 -0.05	28.92 0.65 -0.16	32.16 0.66 -0.16	35.32 0.83 -0.03	36.16 0.91 0.01	38.21 1.01 0.01	32.27 1.00 0.00	31.07 0.91 -0.68	35.77 1.09 -0.51	34.60 0.98 -0.98	33.73 1.07 -1.20	33.46 1.05 -1.65	30.96 0.98 -1.26	31.10 1.08 0.00	29.15 1.12 0.00	31.12 1.17 0.00	34.84 0.99 0.11	32.67 0.86 0.01
SLEIGHT__34_KV_TB1 80719	28.17 0.55 0.00	26.24 0.26 0.00	25.52 0.18 0.00	23.77 0.12 0.00	22.78 0.11 -0.02	24.40 0.29 0.00	26.80 0.60 -0.11	28.98 0.53 -0.34	32.36 0.69 -0.32	35.29 0.76 -0.06	36.26 1.02 0.01	38.35 1.15 0.01	33.17 1.22 -0.68	31.92 1.06 -1.38	36.50 1.30 -1.05	35.88 1.24 -1.99	35.10 1.20 -2.44	35.29 1.17 -3.36	32.88 1.06 -3.10	33.02 1.08 -1.92	30.96 1.29 -1.64	32.29 1.44 -0.91	34.86 0.92 0.02	32.71 0.83 -0.07
SOUTH CAIRO____GT 23612	29.66 2.04 0.00	27.77 1.79 0.00	26.99 1.65 0.00	25.26 1.61 0.00	24.36 1.49 -0.22	25.65 1.54 0.00	29.01 1.75 -1.17	33.07 1.40 -3.56	36.47 1.72 -3.40	37.09 1.96 -0.66	37.47 2.22 0.00	39.52 2.31 0.00	44.33 2.13 -10.93	45.67 1.56 -14.62	47.00 1.74 -11.10	55.46 1.63 -21.18	59.09 1.70 -25.93	68.13 1.69 -35.68	66.13 1.61 -35.80	62.78 1.74 -31.02	56.00 1.54 -26.42	46.55 1.98 -14.63	38.86 2.14 -2.75	35.34 2.23 -1.29
SOUTH HAMPTN____IC 23720	36.65 3.78 -5.25	34.61 3.61 -5.02	33.26 3.57 -4.35	28.66 3.27 -1.74	29.75 3.19 -3.91	29.43 3.30 -2.02	32.12 3.76 -2.28	36.36 4.27 -3.99	40.61 4.83 -4.44	41.94 5.17 -2.31	48.39 4.93 -8.21	60.27 5.32 -17.73	66.61 4.97 -30.37	62.95 4.86 -28.61	74.29 5.57 -34.56	80.25 5.52 -42.09	126.11 5.38 -89.26	184.28 5.26 -148.26	151.19 4.82 -117.64	104.07 5.01 -69.04	61.80 4.09 -29.68	55.90 4.25 -21.70	47.80 4.45 -9.39	45.66 4.27 -9.57
SOUTHDOW_115KV_TB1 355954	28.11 0.50 0.00	26.16 0.18 0.00	25.47 0.13 0.00	23.49 -0.17 0.00	22.51 -0.16 -0.03	24.35 0.24 0.00	26.27 0.03 -0.16	28.37 -0.22 -0.49	31.69 -0.13 -0.47	34.35 -0.21 -0.09	35.85 0.63 0.03	38.08 0.89 0.03	33.46 1.13 -1.06	32.30 0.80 -2.02	36.23 0.51 -1.55	36.00 0.39 -2.97	35.94 0.85 -3.63	36.46 0.71 -5.00	33.99 0.60 -4.66	34.25 1.17 -3.06	32.07 1.43 -2.61	32.92 1.53 -1.44	33.39 -0.44 0.14	32.43 0.51 -0.10
SOUTHOLD_69_KV_BK 2 55809	37.31 4.45 -5.25	35.15 4.16 -5.02	33.87 4.18 -4.35	29.20 3.81 -1.74	30.27 3.71 -3.91	29.96 3.83 -2.02	32.78 4.41 -2.28	37.07 4.97 -3.99	41.52 5.74 -4.44	43.15 6.38 -2.31	49.59 6.13 -8.21	61.61 6.66 -17.74	67.78 6.13 -30.38	64.08 5.98 -28.61	75.62 6.90 -34.56	81.59 6.86 -42.09	127.34 6.61 -89.27	185.60 6.32 -148.32	152.38 5.97 -117.68	105.20 6.12 -69.05	62.87 5.16 -29.68	56.89 5.24 -21.70	48.79 5.43 -9.39	46.55 5.15 -9.57

SOUTHOLD___IC 23719	37.31 4.45 -5.25	35.20 4.21 -5.02	33.85 4.16 -4.35	29.20 3.81 -1.74	30.27 3.71 -3.91	29.96 3.83 -2.02	32.75 4.38 -2.28	37.10 5.00 -3.99	41.52 5.74 -4.44	43.01 6.24 -2.31	49.59 6.13 -8.21	61.57 6.62 -17.74	67.78 6.13 -30.38	64.07 5.98 -28.61	75.59 6.87 -34.56	81.53 6.79 -42.09	127.34 6.61 -89.27	185.63 6.55 -148.32	152.36 5.95 -117.68	105.20 6.12 -69.05	62.81 5.10 -29.68	56.89 5.24 -21.70	48.79 5.43 -9.39	46.58 5.19 -9.57
SPIERFLS_115KV_TB 1 80737	29.52 1.91 0.00	27.62 1.64 0.00	26.94 1.60 0.00	25.19 1.54 0.00	24.36 1.47 -0.25	25.65 1.54 0.00	29.19 1.80 -1.30	33.91 1.86 -3.95	37.38 2.26 -3.78	37.76 2.55 -0.74	37.79 2.54 0.00	39.82 2.60 0.00	53.78 2.25 -20.25	47.50 1.77 -16.25	48.67 2.19 -12.33	58.23 2.06 -23.53	62.32 2.05 -28.81	72.27 1.88 -39.63	76.83 1.98 -46.12	89.56 2.07 -57.47	79.33 2.35 -48.95	59.56 2.52 -27.10	41.64 2.58 -5.09	36.66 2.45 -2.39
ST LAWRENCE____ 23600	27.20 -0.41 0.00	25.70 -0.29 0.00	25.09 -0.25 0.00	23.44 -0.21 0.00	22.41 -0.23 0.00	23.84 -0.26 0.00	25.62 -0.47 0.00	27.66 -0.45 0.00	30.85 -0.50 0.00	33.92 -0.55 0.00	34.65 -0.60 0.00	36.58 -0.63 0.00	30.24 -1.03 0.00	28.48 -1.00 0.00	33.00 -1.16 0.00	31.47 -1.17 0.00	30.20 -1.26 0.00	29.56 -1.20 0.00	27.63 -1.09 0.00	28.85 -1.17 0.00	27.08 -0.95 0.00	28.99 -0.96 0.00	33.46 -0.51 0.00	31.31 -0.51 0.00
STATE_CA_115KV_115_LB 55624	28.77 1.16 0.00	26.97 0.99 0.00	26.31 0.96 0.00	24.57 0.92 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.42 1.07 -1.27	33.05 1.10 -3.84	36.28 1.25 -3.67	36.60 1.41 -0.72	36.73 1.48 0.00	38.74 1.53 0.00	48.30 1.44 -15.59	46.61 1.33 -15.80	47.76 1.61 -11.99	57.03 1.50 -22.88	60.93 1.45 -28.02	70.69 1.38 -38.54	71.66 1.29 -41.64	75.62 1.35 -44.25	66.87 1.15 -37.69	52.04 1.23 -20.86	39.21 1.32 -3.92	34.96 1.30 -1.84
STATE_ST_34_KV_LOAD 55959	27.78 0.17 0.00	26.14 0.16 0.00	25.44 0.10 0.00	23.70 0.05 0.00	22.71 0.05 -0.02	24.27 0.17 0.00	26.36 0.16 -0.12	28.54 0.08 -0.35	31.84 0.16 -0.34	34.64 0.10 -0.07	35.57 0.32 0.00	37.62 0.41 0.00	32.53 0.53 -0.73	31.37 0.44 -1.45	35.81 0.55 -1.10	35.30 0.55 -2.10	34.60 0.57 -2.57	34.85 0.55 -3.53	32.51 0.52 -3.27	32.68 0.60 -2.06	30.49 0.70 -1.76	31.70 0.78 -0.97	34.46 0.31 -0.18	32.16 0.25 -0.09
STATION 5_MISC_HYD 23604	27.45 -0.16 0.00	25.70 -0.29 0.00	25.04 -0.30 0.00	23.15 -0.50 0.00	22.19 -0.48 -0.02	23.77 -0.34 0.00	25.99 -0.21 -0.11	27.94 -0.51 -0.34	31.08 -0.60 -0.33	33.88 -0.66 -0.06	34.86 -0.35 0.04	36.77 -0.41 0.04	31.99 0.03 -0.68	31.15 0.26 -1.40	35.53 0.31 -1.06	35.09 0.42 -2.03	34.35 0.41 -2.48	34.54 0.37 -3.41	32.18 0.32 -3.14	32.20 0.24 -1.94	30.30 0.62 -1.65	31.43 0.57 -0.91	33.34 0.27 0.35	31.67 -0.19 -0.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.61 0.00 0.00	25.77 -0.21 0.00	25.06 -0.28 0.00	23.30 -0.35 0.00	22.32 -0.34 -0.02	23.89 -0.22 0.00	26.20 0.00 -0.11	28.25 -0.20 -0.34	31.48 -0.19 -0.32	34.29 -0.24 -0.06	35.18 -0.04 0.03	37.22 0.04 0.03	32.27 0.31 -0.68	31.29 0.41 -1.40	35.70 0.48 -1.06	35.22 0.55 -2.02	34.44 0.50 -2.48	34.66 0.49 -3.41	32.29 0.43 -3.14	32.35 0.39 -1.94	30.44 0.76 -1.65	31.61 0.75 -0.92	33.74 0.00 0.23	31.94 0.06 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.31 -0.30 0.00	25.51 -0.47 0.00	24.84 -0.51 0.00	23.04 -0.61 0.00	22.07 -0.59 -0.02	23.62 -0.48 0.00	25.86 -0.34 -0.11	27.83 -0.62 -0.34	31.04 -0.63 -0.32	33.84 -0.69 -0.06	34.75 -0.46 0.04	36.69 -0.48 0.04	31.85 -0.09 -0.68	31.02 0.15 -1.39	35.38 0.17 -1.05	34.95 0.29 -2.01	34.17 0.25 -2.46	34.36 0.22 -3.38	32.01 0.17 -3.11	32.00 0.06 -1.92	30.14 0.48 -1.63	31.27 0.42 -0.90	33.21 -0.41 0.35	31.54 -0.32 -0.04
STA_56___34_KV_BUS2 355983	27.31 -0.30 0.00	25.51 -0.47 0.00	24.84 -0.51 0.00	23.04 -0.61 0.00	22.07 -0.59 -0.02	23.62 -0.48 0.00	25.86 -0.34 -0.11	27.83 -0.62 -0.34	31.04 -0.63 -0.32	33.84 -0.69 -0.06	34.75 -0.46 0.04	36.69 -0.48 0.04	31.85 -0.09 -0.68	31.02 0.15 -1.39	35.38 0.17 -1.05	34.95 0.29 -2.01	34.17 0.25 -2.46	34.36 0.22 -3.38	32.01 0.17 -3.11	32.00 0.06 -1.92	30.14 0.48 -1.63	31.27 0.42 -0.90	33.21 -0.41 0.35	31.54 -0.32 -0.04
STA_67___115KV_BK2 355882	27.36 -0.25 0.00	25.59 -0.39 0.00	24.91 -0.43 0.00	23.11 -0.54 0.00	22.14 -0.52 -0.02	23.70 -0.41 0.00	25.94 -0.26 -0.11	27.86 -0.59 -0.34	31.08 -0.60 -0.32	33.88 -0.65 -0.06	34.75 -0.46 0.04	36.69 -0.48 0.04	31.86 -0.09 -0.68	31.06 0.18 -1.40	35.43 0.20 -1.06	34.99 0.33 -2.02	34.26 0.31 -2.48	34.45 0.28 -3.41	32.12 0.26 -3.14	32.11 0.15 -1.94	30.21 0.53 -1.65	31.34 0.48 -0.91	33.27 -0.34 0.36	31.61 -0.25 -0.04
STA_7___115KV_9TRANS 80674	27.59 -0.03 0.00	25.82 -0.16 0.00	25.12 -0.23 0.00	23.27 -0.38 0.00	22.30 -0.36 -0.02	23.89 -0.22 0.00	26.12 -0.08 -0.11	28.05 -0.39 -0.34	31.33 -0.34 -0.33	34.15 -0.38 -0.06	35.07 -0.14 0.04	37.07 -0.11 0.04	32.17 0.22 -0.68	31.35 0.47 -1.40	35.77 0.55 -1.06	35.32 0.65 -2.03	34.54 0.60 -2.48	34.73 0.55 -3.41	32.35 0.49 -3.14	32.38 0.42 -1.94	30.49 0.81 -1.65	31.64 0.78 -0.91	33.58 -0.03 0.35	31.89 0.03 -0.04
STA_82___115KV_TB1 80780	27.39 -0.22 0.00	25.62 -0.36 0.00	24.94 -0.41 0.00	23.11 -0.54 0.00	22.14 -0.52 -0.02	23.72 -0.39 0.00	25.94 -0.26 -0.11	27.86 -0.59 -0.34	31.08 -0.60 -0.33	33.88 -0.65 -0.06	34.79 -0.42 0.04	36.73 -0.45 0.04	31.90 -0.06 -0.69	31.06 0.18 -1.40	35.47 0.24 -1.07	35.01 0.33 -2.04	34.30 0.35 -2.49	34.50 0.31 -3.43	32.14 0.26 -3.16	32.15 0.18 -1.95	30.25 0.56 -1.66	31.38 0.51 -0.92	33.28 -0.34 0.35	31.64 -0.22 -0.04
STEEL___WIND 323596	27.23 -0.39 0.00	25.41 -0.57 0.00	24.76 -0.58 0.00	22.75 -0.90 0.00	21.81 -0.86 -0.03	23.55 -0.55 0.00	25.35 -0.89 -0.15	27.22 -1.35 -0.46	30.19 -1.60 -0.44	32.69 -1.86 -0.09	34.16 -1.06 0.03	36.18 -1.00 0.03	31.79 -0.47 -0.99	30.85 -0.53 -1.90	35.02 -0.58 -1.44	34.90 -0.49 -2.75	34.73 -0.09 -3.36	35.23 -0.15 -4.63	32.83 -0.20 -4.30	32.97 0.15 -2.80	30.95 0.53 -2.38	31.75 0.48 -1.32	32.48 -1.29 0.19	31.43 -0.48 -0.09
STEPHTWN_115KV_BK_2 55603	28.91 1.30 0.00	27.07 1.09 0.00	26.41 1.06 0.00	24.67 1.02 0.00	23.90 1.02 -0.24	25.12 1.01 0.00	28.54 1.20 -1.25	33.11 1.21 -3.79	36.35 1.38 -3.63	36.73 1.55 -0.71	36.87 1.62 0.00	38.89 1.67 0.00	46.49 1.59 -13.63	46.52 1.44 -15.59	47.73 1.74 -11.83	56.86 1.63 -22.58	60.75 1.64 -27.65	70.40 1.60 -38.04	69.91 1.46 -39.72	70.22 1.53 -38.67	62.31 1.35 -32.94	49.65 1.47 -18.23	38.96 1.56 -3.43	34.92 1.50 -1.61
STEUBEN_REC_LFGE 323667	28.06 0.44 0.00	26.08 0.10 0.00	25.37 0.03 0.00	23.56 -0.09 0.00	22.54 -0.14 -0.04	24.27 0.17 0.00	26.41 0.13 -0.20	28.53 -0.17 -0.60	31.73 -0.19 -0.57	34.17 -0.41 -0.11	35.44 0.21 0.02	37.49 0.30 0.02	33.23 0.63 -1.34	32.31 0.38 -2.45	36.57 0.55 -1.86	36.68 0.49 -3.54	36.59 0.79 -4.34	37.50 0.77 -5.97	35.10 0.78 -5.60	34.92 1.11 -3.79	32.66 1.40 -3.22	33.23 1.50 -1.79	34.06 0.03 -0.06	32.53 0.57 -0.14

STONY___BROOK 24151	35.93 3.06 -5.25	33.93 2.93 -5.02	32.58 2.89 -4.35	28.06 2.67 -1.74	29.16 2.60 -3.91	28.80 2.68 -2.02	31.39 3.02 -2.28	35.52 3.43 -3.99	39.64 3.85 -4.44	40.98 4.20 -2.31	47.44 3.98 -8.21	62.33 4.24 -20.88	67.71 3.91 -32.53	61.84 3.74 -28.61	72.86 4.13 -34.57	79.88 4.18 -43.05	126.28 4.15 -90.66	214.16 4.09 -179.31	174.86 3.71 -142.43	114.71 3.81 -80.88	61.30 3.11 -30.16	55.79 3.35 -22.49	47.03 3.67 -9.39	44.89 3.50 -9.57
STURGEON_POOL_HYD 23609	29.10 1.49 0.00	27.25 1.27 0.00	26.64 1.29 0.00	24.88 1.23 0.00	24.01 1.18 -0.19	25.26 1.16 0.00	28.45 1.36 -1.01	32.64 1.49 -3.05	35.95 1.69 -2.91	36.97 1.93 -0.57	37.12 1.87 0.00	39.19 1.97 0.00	40.59 2.06 -7.25	44.11 2.09 -12.53	45.92 2.25 -9.51	53.18 2.38 -18.15	56.04 2.36 -22.22	63.64 2.31 -30.57	59.87 2.13 -29.02	52.73 2.13 -20.58	47.02 1.46 -17.53	41.15 1.50 -9.71	37.42 1.63 -1.82	34.20 1.53 -0.86
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.05 1.44 0.00	27.20 1.22 0.00	26.59 1.24 0.00	24.81 1.16 0.00	23.94 1.13 -0.17	25.24 1.13 0.00	28.39 1.41 -0.89	32.36 1.55 -2.70	35.69 1.76 -2.59	36.97 2.00 -0.50	37.19 1.94 0.00	39.22 2.01 0.00	39.14 2.13 -5.74	42.72 2.12 -11.12	44.95 2.36 -8.43	51.16 2.42 -16.10	53.60 2.42 -19.71	60.22 2.34 -27.12	56.08 2.15 -25.20	48.47 2.16 -16.29	43.47 1.57 -13.87	39.25 1.62 -7.68	37.11 1.70 -1.44	34.12 1.62 -0.68
SWANROAD_115KV_TB1 355699	26.59 -1.02 0.00	24.84 -1.14 0.00	24.18 -1.17 0.00	22.30 -1.35 0.00	21.22 -1.45 -0.03	23.05 -1.06 0.00	24.84 -1.38 -0.14	26.48 -2.05 -0.42	29.53 -2.23 -0.41	31.96 -2.59 -0.08	33.10 -2.11 0.03	34.95 -2.23 0.03	30.63 -1.53 -0.89	29.96 -1.27 -1.74	34.02 -1.47 -1.32	33.90 -1.27 -2.53	33.64 -0.91 -3.09	34.09 -0.92 -4.25	31.78 -0.89 -3.95	31.71 -0.84 -2.54	29.85 -0.34 -2.16	30.64 -0.51 -1.20	31.68 -2.04 0.25	30.52 -1.37 -0.07
SYNERGY___BIOGAS 323694	27.70 0.08 0.00	25.88 -0.10 0.00	25.14 -0.20 0.00	23.15 -0.50 0.00	22.19 -0.48 -0.02	23.91 -0.19 0.00	26.01 -0.21 -0.13	27.88 -0.62 -0.39	30.94 -0.78 -0.37	33.61 -0.93 -0.07	34.83 -0.39 0.03	36.73 -0.44 0.03	32.15 0.06 -0.81	31.30 0.21 -1.61	35.66 0.27 -1.22	35.37 0.39 -2.33	34.79 0.47 -2.86	35.18 0.49 -3.93	32.79 0.43 -3.64	32.84 0.51 -2.31	31.03 1.04 -1.97	32.02 0.99 -1.09	33.38 -0.31 0.28	31.94 0.06 -0.06
SYRACUSE___ENERGY_ST1 323597	27.53 -0.08 0.00	25.72 -0.26 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.08 -0.10 -0.09	28.19 -0.20 -0.28	31.43 -0.19 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -1.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	27.53 -0.08 0.00	25.72 -0.26 0.00	25.06 -0.28 0.00	23.37 -0.28 0.00	22.36 -0.29 -0.02	23.86 -0.24 0.00	26.08 -0.10 -0.09	28.19 -0.20 -0.28	31.43 -0.19 -0.27	34.28 -0.24 -0.05	35.14 -0.11 0.00	37.10 -0.11 0.00	31.37 0.09 0.00	30.68 0.03 -1.17	35.15 0.10 -0.89	34.40 0.07 -1.69	33.63 0.09 -2.07	33.70 0.09 -2.85	30.99 0.09 -2.18	30.11 0.09 0.00	28.23 0.20 0.00	30.22 0.27 0.00	33.83 -0.14 0.00	31.72 -0.10 0.00
SYRACUSE___POWER 24017	27.42 -0.19 0.00	25.64 -0.34 0.00	24.99 -0.35 0.00	23.30 -0.35 0.00	22.32 -0.34 -0.02	23.82 -0.29 0.00	26.00 -0.18 -0.10	28.12 -0.28 -0.30	31.32 -0.31 -0.28	34.18 -0.34 -0.06	34.99 -0.25 0.01	36.98 -0.22 0.01	31.85 0.00 -0.57	30.67 -0.03 -1.22	35.08 0.00 -0.92	34.41 0.00 -1.76	33.65 0.03 -2.16	33.76 0.03 -2.97	31.47 0.03 -2.72	31.68 0.03 -1.63	29.56 0.14 -1.39	30.90 0.18 -0.77	33.72 -0.24 0.01	31.69 -0.19 -0.06
TALLMAN___138KV_BK151 55660	29.24 1.63 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.13 1.31 -0.18	25.43 1.33 0.00	28.60 1.59 -0.92	32.71 1.80 -2.80	36.06 2.04 -2.68	37.30 2.31 -0.52	37.47 2.22 0.00	39.52 2.31 0.00	39.62 2.41 -5.94	43.44 2.45 -11.52	45.67 2.77 -8.74	52.13 2.81 -16.68	54.68 2.80 -20.42	61.56 2.71 -28.09	57.30 2.47 -26.10	49.38 2.49 -16.87	44.19 1.79 -14.37	39.73 1.83 -7.95	37.40 1.94 -1.50	34.33 1.81 -0.70
TEALLAVE_115KV_TB7 355573	27.34 -0.28 0.00	25.56 -0.42 0.00	24.91 -0.43 0.00	23.23 -0.43 0.00	22.25 -0.41 -0.02	23.74 -0.36 0.00	25.91 -0.26 -0.08	27.96 -0.39 -0.25	31.15 -0.44 -0.24	34.03 -0.48 -0.05	34.85 -0.39 0.01	36.83 -0.37 0.01	31.15 -0.13 0.00	30.36 -0.15 -1.02	34.80 -0.14 -0.78	33.99 -0.13 -1.48	33.18 -0.09 -1.81	33.16 -0.09 -2.49	30.51 -0.11 -1.90	29.93 -0.09 0.00	28.03 0.00 0.00	29.98 0.03 0.00	33.39 -0.37 0.21	31.45 -0.35 0.01
TELGRAPH_34_KV_EAST 80808	27.28 -0.33 0.00	25.44 -0.55 0.00	24.76 -0.58 0.00	22.85 -0.80 0.00	21.81 -0.86 -0.03	23.58 -0.53 0.00	25.57 -0.65 -0.13	27.30 -1.21 -0.40	30.48 -1.25 -0.39	33.06 -1.48 -0.08	34.19 -1.02 0.03	36.10 -1.08 0.03	31.58 -0.53 -0.84	30.82 -0.32 -1.66	35.05 -0.38 -1.26	34.82 -0.23 -2.41	34.41 0.00 -2.95	34.78 -0.03 -4.05	32.42 -0.06 -3.76	32.44 0.03 -2.39	30.60 0.53 -2.04	31.53 0.45 -1.13	32.71 -0.99 0.27	31.41 -0.48 -0.07
TEMPLE___115KV_TB 2 55572	27.34 -0.28 0.00	25.59 -0.39 0.00	24.94 -0.41 0.00	23.25 -0.40 0.00	22.27 -0.38 -0.02	23.74 -0.36 0.00	25.93 -0.23 -0.08	27.99 -0.37 -0.25	31.18 -0.41 -0.24	34.07 -0.45 -0.05	34.88 -0.35 0.01	36.86 -0.33 0.01	31.21 -0.06 0.00	30.40 -0.12 -1.04	34.84 -0.10 -0.79	34.05 -0.10 -1.50	33.24 -0.06 -1.84	33.19 -0.09 -2.53	30.57 -0.09 -1.93	29.93 -0.09 0.00	28.06 0.03 0.00	30.01 0.06 0.00	33.42 -0.34 0.21	31.49 -0.32 0.01
TIANA___69_KV_BK 1 55817	36.48 3.62 -5.25	34.37 3.38 -5.02	33.08 3.40 -4.35	28.49 3.10 -1.74	29.57 3.01 -3.91	29.23 3.11 -2.02	31.94 3.57 -2.28	36.14 4.05 -3.99	40.39 4.61 -4.44	41.77 5.00 -2.31	48.11 4.65 -8.21	59.94 4.99 -17.74	66.34 4.69 -30.38	62.66 4.57 -28.61	73.95 5.23 -34.56	79.96 5.22 -42.09	125.80 5.07 -89.27	184.02 4.95 -148.31	150.97 4.57 -117.68	103.78 4.71 -69.05	61.60 3.90 -29.68	55.66 4.01 -21.70	47.57 4.21 -9.39	45.40 4.01 -9.57
TILDEN___115KV_TB1 80814	27.42 -0.19 0.00	25.64 -0.34 0.00	24.99 -0.35 0.00	23.30 -0.35 0.00	22.32 -0.34 -0.02	23.82 -0.29 0.00	26.00 -0.18 -0.10	28.12 -0.28 -0.30	31.32 -0.31 -0.28	34.18 -0.34 -0.06	34.99 -0.25 0.01	36.98 -0.22 0.01	31.85 0.00 -0.57	30.67 -0.03 -1.22	35.08 0.00 -0.92	34.41 0.00 -1.76	33.65 0.03 -2.16	33.76 0.03 -2.97	31.47 0.03 -2.72	31.68 0.03 -1.63	29.56 0.14 -1.39	30.90 0.18 -0.77	33.72 -0.24 0.01	31.69 -0.19 -0.06
TRIGEN___CC 323695	35.13 2.26 -5.25	33.05 2.05 -5.01	31.77 2.08 -4.34	27.33 1.94 -1.74	28.43 1.88 -3.91	28.05 1.93 -2.02	30.58 2.22 -2.28	34.56 2.47 -3.98	38.57 2.79 -4.44	39.94 3.17 -2.30	46.45 3.00 -8.21	46.84 3.16 -6.46	49.02 3.13 -14.62	61.24 3.15 -28.60	72.27 3.55 -34.55	74.89 3.62 -38.62	119.26 3.56 -84.24	71.06 3.45 -36.86	60.46 3.19 -28.54	59.53 3.24 -26.27	56.74 2.47 -26.25	48.35 2.52 -15.89	46.11 2.75 -9.39	43.97 2.58 -9.57

TRINITY__115KV__4 BK 55933	28.66 1.05 0.00	26.89 0.91 0.00	26.23 0.89 0.00	24.50 0.85 0.00	23.74 0.86 -0.24	24.95 0.84 0.00	28.33 0.99 -1.25	32.89 0.98 -3.80	36.11 1.13 -3.64	36.42 1.24 -0.71	36.52 1.27 0.00	38.52 1.30 0.00	46.50 1.28 -13.95	46.30 1.18 -15.64	47.43 1.40 -11.87	56.60 1.31 -22.65	60.45 1.26 -27.73	70.14 1.23 -38.15	69.93 1.15 -40.05	70.80 1.20 -39.58	62.76 1.01 -33.72	49.69 1.08 -18.67	38.63 1.15 -3.51	34.61 1.15 -1.65
UNION__PROCESSING_DRP 323587	27.39 -0.22 0.00	25.62 -0.36 0.00	24.94 -0.41 0.00	23.13 -0.52 0.00	22.16 -0.50 -0.02	23.72 -0.39 0.00	25.96 -0.23 -0.11	27.89 -0.56 -0.34	31.11 -0.56 -0.33	33.91 -0.62 -0.06	34.79 -0.42 0.04	36.73 -0.45 0.04	31.90 -0.06 -0.69	31.09 0.21 -1.41	35.47 0.24 -1.07	35.04 0.36 -2.04	34.30 0.35 -2.49	34.50 0.31 -3.43	32.17 0.29 -3.16	32.15 0.18 -1.95	30.25 0.56 -1.66	31.38 0.51 -0.92	33.32 -0.31 0.35	31.64 -0.22 -0.04
UPPER HUDSON__HYD 24058	29.52 1.90 0.00	27.75 1.77 0.00	26.94 1.60 0.00	25.21 1.56 0.00	24.36 1.47 -0.25	25.65 1.54 0.00	29.16 1.77 -1.30	33.91 1.85 -3.95	37.32 2.19 -3.78	37.72 2.51 -0.74	37.79 2.54 0.00	39.82 2.60 0.00	53.78 2.25 -20.25	47.50 1.77 -16.25	48.68 2.19 -12.33	58.20 2.02 -23.53	62.31 2.04 -28.81	72.27 1.88 -39.63	76.83 1.98 -46.12	89.56 2.07 -57.47	79.33 2.35 -48.95	59.56 2.52 -27.10	41.64 2.58 -5.09	36.57 2.35 -2.39
UPPER RAQUET__HYD 24056	27.59 -0.03 0.00	26.01 0.03 0.00	25.39 0.05 0.00	23.72 0.07 0.00	22.51 -0.14 0.00	23.82 -0.29 0.00	25.51 -0.57 0.00	27.49 -0.62 0.00	30.63 -0.72 0.00	33.68 -0.79 0.00	34.44 -0.81 0.00	36.32 -0.89 0.00	29.43 -1.85 0.00	27.71 -1.77 0.00	32.11 -2.05 0.00	30.55 -2.09 0.00	29.26 -2.20 0.00	28.70 -2.06 0.00	26.86 -1.87 0.00	28.04 -1.98 0.00	26.46 -1.57 0.00	28.45 -1.50 0.00	33.76 -0.20 0.00	31.66 -0.16 0.00
VALLEY44_115KV_TB2 355964	26.98 -0.64 0.00	25.15 -0.83 0.00	24.51 -0.84 0.00	22.66 -0.99 0.00	21.63 -1.04 -0.03	23.41 -0.70 0.00	24.77 -1.49 -0.17	26.71 -1.91 -0.52	29.77 -2.07 -0.49	32.15 -2.41 -0.10	33.88 -1.34 0.03	36.00 -1.19 0.03	31.77 -0.63 -1.12	30.39 -1.21 -2.12	34.53 -1.23 -1.60	34.49 -1.21 -3.06	34.42 -0.79 -3.74	35.08 -0.83 -5.15	32.73 -0.80 -4.81	33.19 0.00 -3.17	30.98 0.25 -2.70	31.68 0.24 -1.49	31.85 -2.00 0.12	31.22 -0.70 -0.10
VALLEY__115KV_TB 1-4 80826	27.64 0.03 0.00	25.90 -0.08 0.00	25.32 -0.03 0.00	23.63 -0.02 0.00	22.62 -0.02 0.00	24.11 0.00 0.00	26.27 0.18 0.00	28.33 0.22 0.00	31.60 0.25 0.00	34.81 0.34 0.00	35.64 0.39 0.00	37.62 0.41 0.00	31.68 0.41 0.00	29.81 0.32 0.00	34.54 0.38 0.00	32.97 0.33 0.00	31.81 0.35 0.00	31.10 0.34 0.00	29.01 0.29 0.00	30.32 0.30 0.00	28.25 0.22 0.00	30.19 0.24 0.00	34.17 0.20 0.00	31.98 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.02 1.41 0.00	27.28 1.30 0.00	26.61 1.27 0.00	24.84 1.18 0.00	23.79 1.09 -0.07	25.36 1.25 0.00	27.90 1.46 -0.35	30.84 1.66 -1.07	34.19 1.82 -1.02	36.87 2.21 -0.20	37.50 2.26 0.00	39.67 2.46 0.00	38.03 2.25 -4.50	36.01 2.12 -4.40	39.96 2.46 -3.34	41.27 2.25 -6.38	41.57 2.30 -7.81	43.71 2.21 -10.74	42.46 2.01 -11.73	44.99 2.19 -12.78	40.91 1.99 -10.89	38.01 2.04 -6.03	37.07 1.97 -1.13	34.16 1.81 -0.53
VISCHER__FERRY HYD 24020	29.13 1.52 0.00	27.38 1.40 0.00	26.66 1.32 0.00	24.91 1.25 0.00	24.10 1.22 -0.24	25.36 1.25 0.00	28.82 1.46 -1.27	33.48 1.52 -3.86	36.76 1.72 -3.69	37.05 1.86 -0.72	37.15 1.90 0.00	39.19 1.97 0.00	50.89 1.81 -17.81	46.99 1.65 -15.85	48.14 1.95 -12.03	57.43 1.83 -22.96	61.37 1.79 -28.11	71.19 1.75 -38.68	73.87 1.67 -43.48	82.32 1.77 -50.54	72.70 1.63 -43.04	55.48 1.71 -23.83	40.28 1.83 -4.48	35.70 1.78 -2.10
V_A_10_SYNC_DSASP 323832	26.84 -0.77 0.00	25.05 -0.94 0.00	24.41 -0.94 0.00	22.56 -1.09 0.00	21.65 -1.02 -0.02	23.26 -0.84 0.00	25.43 -0.78 -0.13	27.17 -1.32 -0.38	30.27 -1.44 -0.36	32.85 -1.69 -0.07	33.80 -1.41 0.04	35.65 -1.53 0.04	31.09 -0.97 -0.79	30.49 -0.56 -1.57	34.74 -0.61 -1.19	34.46 -0.46 -2.27	34.02 -0.22 -2.78	34.34 -0.25 -3.83	32.00 -0.26 -3.54	31.86 -0.39 -2.23	29.96 0.03 -1.90	30.91 -0.09 -1.05	32.43 -1.22 0.32	30.95 -0.92 -0.06
V_CMM_10_SYNC_DSASP 323787	27.34 -0.28 0.00	25.80 -0.18 0.00	25.19 -0.15 0.00	23.53 -0.12 0.00	22.48 -0.16 0.00	23.94 -0.17 0.00	25.72 -0.37 0.00	27.77 -0.34 0.00	30.97 -0.37 0.00	34.02 -0.45 0.00	34.79 -0.46 0.00	36.69 -0.52 0.00	30.33 -0.94 0.00	28.57 -0.91 0.00	33.10 -1.06 0.00	31.57 -1.08 0.00	30.30 -1.16 0.00	29.65 -1.11 0.00	27.72 -1.01 0.00	28.94 -1.08 0.00	27.19 -0.84 0.00	29.08 -0.87 0.00	33.59 -0.37 0.00	31.44 -0.38 0.00
V_CMP_10_SYNC_DSASP 323788	27.86 0.25 0.00	26.34 0.36 0.00	25.70 0.35 0.00	24.01 0.36 0.00	22.96 0.32 0.00	24.47 0.36 0.00	26.22 0.13 0.00	28.33 0.22 0.00	31.57 0.22 0.00	34.68 0.21 0.00	35.50 0.25 0.00	37.44 0.22 0.00	30.99 -0.28 0.00	29.22 -0.27 0.00	33.85 -0.31 0.00	32.25 -0.39 0.00	30.90 -0.57 0.00	30.30 -0.46 0.00	28.32 -0.40 0.00	29.54 -0.48 0.00	27.89 -0.14 0.00	29.77 -0.18 0.00	34.24 0.27 0.00	32.01 0.19 0.00
V_E_10_SYNC_DSASP 323830	29.60 1.99 0.00	27.62 1.64 0.00	26.84 1.49 0.00	25.00 1.35 0.00	23.91 1.22 -0.05	25.63 1.52 0.00	28.39 2.04 -0.27	31.11 2.19 -0.81	34.28 2.16 -0.78	37.13 2.51 -0.15	37.92 2.68 0.01	40.18 2.98 0.01	36.46 2.72 -2.47	35.23 2.42 -3.33	39.59 2.90 -2.53	40.05 2.58 -4.83	40.21 2.83 -5.91	41.78 2.89 -8.13	39.62 2.76 -8.14	40.17 3.15 -7.00	37.18 3.19 -5.96	36.60 3.35 -3.30	37.50 3.02 -0.51	34.78 2.67 -0.28
V_F_30_NSYNC__DSASP 323816	29.57 1.96 0.00	27.80 1.82 0.00	27.02 1.67 0.00	25.26 1.61 0.00	24.40 1.52 -0.25	25.70 1.59 0.00	29.21 1.83 -1.30	33.96 1.91 -3.94	37.31 2.19 -3.76	37.65 2.45 -0.73	37.82 2.57 0.00	39.86 2.64 0.00	53.58 2.35 -19.96	47.74 2.06 -16.19	48.94 2.49 -12.28	58.44 2.35 -23.45	62.47 2.30 -28.71	72.47 2.22 -39.50	76.67 2.16 -45.79	88.90 2.25 -56.63	78.48 2.21 -48.24	59.02 2.37 -26.70	41.46 2.48 -5.02	36.53 2.35 -2.36
V_F_30_SYNC_DSASP 323786	28.77 1.16 0.00	26.97 0.99 0.00	26.31 0.96 0.00	24.57 0.92 0.00	23.81 0.93 -0.24	25.02 0.92 0.00	28.42 1.07 -1.27	33.04 1.10 -3.84	36.27 1.25 -3.67	36.60 1.41 -0.72	36.69 1.45 0.00	38.74 1.53 0.00	48.17 1.44 -15.46	46.60 1.33 -15.79	47.75 1.61 -11.98	57.01 1.50 -22.86	60.91 1.45 -27.99	70.66 1.38 -38.51	71.53 1.29 -41.52	75.24 1.35 -43.87	66.55 1.15 -37.37	51.86 1.23 -20.69	39.18 1.32 -3.89	34.95 1.30 -1.83
V_XM_10_SYNC_DSASP 323789	27.86 0.25 0.00	26.34 0.36 0.00	25.70 0.35 0.00	24.01 0.36 0.00	22.96 0.32 0.00	24.47 0.36 0.00	26.22 0.13 0.00	28.33 0.22 0.00	31.57 0.22 0.00	34.68 0.21 0.00	35.50 0.25 0.00	37.44 0.22 0.00	30.99 -0.28 0.00	29.22 -0.27 0.00	33.85 -0.31 0.00	32.25 -0.39 0.00	30.90 -0.57 0.00	30.30 -0.46 0.00	28.32 -0.40 0.00	29.54 -0.48 0.00	27.89 -0.14 0.00	29.77 -0.18 0.00	34.24 0.27 0.00	32.01 0.19 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.35 1.74 0.00	27.49 1.51 0.00	26.89 1.55 0.00	25.10 1.44 0.00	24.22 1.40 -0.18	25.50 1.40 0.00	28.71 1.70 -0.93	32.81 1.88 -2.82	36.21 2.16 -2.70	37.44 2.45 -0.53	37.61 2.36 0.00	39.71 2.49 0.00	39.83 2.56 -5.99	43.65 2.56 -11.60	45.84 2.87 -8.80	52.39 2.94 -16.81	54.97 2.93 -20.58	61.90 2.83 -28.31	57.61 2.59 -26.30	49.63 2.61 -17.00	44.41 1.91 -14.48	39.91 1.95 -8.02	37.58 2.11 -1.51	34.47 1.94 -0.71
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.55 1.93 0.00	27.70 1.71 0.00	27.09 1.75 0.00	25.28 1.63 0.00	24.43 1.61 -0.19	25.72 1.62 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.68 2.51 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.52 2.97 -6.28	44.68 3.04 -12.16	46.81 3.42 -9.23	53.75 3.49 -17.61	77.20 3.46 -42.28	69.77 3.32 -35.69	59.34 3.04 -27.57	50.87 3.03 -17.82	45.42 2.21 -15.18	40.57 2.22 -8.40	37.89 2.34 -1.58	34.69 2.13 -0.74
W50THST__13_KV_LOAD 356117	29.68 2.07 0.00	27.83 1.84 0.00	27.24 1.90 0.00	25.40 1.75 0.00	24.55 1.72 -0.19	25.84 1.74 0.00	29.18 2.11 -0.98	33.48 2.42 -2.96	36.93 2.76 -2.83	38.12 3.10 -0.55	38.28 3.03 0.00	40.41 3.20 0.00	40.77 3.22 -6.28	44.95 3.30 -12.16	47.11 3.72 -9.23	54.01 3.75 -17.61	77.45 3.71 -42.28	70.01 3.57 -35.69	59.57 3.27 -27.57	51.11 3.27 -17.82	45.62 2.41 -15.18	40.75 2.40 -8.40	38.09 2.55 -1.58	34.88 2.32 -0.74
WADING RIVER_IC_1 23522	36.12 3.26 -5.25	34.09 3.09 -5.02	32.75 3.07 -4.35	28.21 2.81 -1.74	29.29 2.74 -3.91	28.97 2.84 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.92 4.14 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.05 4.13 -17.71	65.55 3.94 -30.33	61.92 3.83 -28.61	73.06 4.34 -34.56	79.10 4.38 -42.08	125.00 4.28 -89.26	182.92 4.12 -148.04	149.98 3.79 -117.47	103.00 4.02 -68.95	60.92 3.22 -29.67	55.01 3.38 -21.68	46.92 3.57 -9.39	44.86 3.47 -9.57
WADING RIVER_IC_2 23547	36.12 3.26 -5.25	34.09 3.09 -5.02	32.75 3.07 -4.35	28.21 2.81 -1.74	29.29 2.74 -3.91	28.97 2.84 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.92 4.14 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.05 4.13 -17.71	65.55 3.94 -30.33	61.92 3.83 -28.61	73.06 4.34 -34.56	79.10 4.38 -42.08	125.00 4.28 -89.26	182.92 4.12 -148.04	149.98 3.79 -117.47	103.00 4.02 -68.95	60.92 3.22 -29.67	55.01 3.38 -21.68	46.92 3.57 -9.39	44.86 3.47 -9.57
WADING RIVER_IC_3 23601	36.12 3.26 -5.25	34.09 3.09 -5.02	32.75 3.07 -4.35	28.21 2.81 -1.74	29.29 2.74 -3.91	28.97 2.84 -2.02	31.60 3.23 -2.28	35.77 3.68 -3.99	39.92 4.14 -4.44	41.01 4.24 -2.31	47.30 3.84 -8.21	59.05 4.13 -17.71	65.55 3.94 -30.33	61.92 3.83 -28.61	73.06 4.34 -34.56	79.10 4.38 -42.08	125.00 4.28 -89.26	182.92 4.12 -148.04	149.98 3.79 -117.47	103.00 4.02 -68.95	60.92 3.22 -29.67	55.01 3.38 -21.68	46.92 3.57 -9.39	44.86 3.47 -9.57
WALDENNY_I2_KV_BK2 80841	27.23 -0.39 0.00	25.36 -0.62 0.00	24.71 -0.63 0.00	22.78 -0.88 0.00	21.79 -0.88 -0.03	23.55 -0.55 0.00	25.38 -0.86 -0.15	27.19 -1.38 -0.46	30.34 -1.44 -0.44	32.83 -1.72 -0.09	34.19 -1.02 0.03	36.22 -0.97 0.03	31.78 -0.47 -0.98	30.86 -0.50 -1.88	35.04 -0.55 -1.43	34.91 -0.46 -2.72	34.74 -0.06 -3.34	35.23 -0.12 -4.59	32.85 -0.14 -4.27	32.94 0.15 -2.77	30.92 0.53 -2.36	31.74 0.48 -1.31	32.51 -1.26 0.20	31.43 -0.48 -0.08
WALDEN__HYDRO 24148	29.27 1.66 0.00	27.46 1.48 0.00	26.79 1.44 0.00	25.02 1.37 0.00	24.13 1.31 -0.18	25.41 1.30 0.00	28.59 1.57 -0.94	32.64 1.69 -2.84	35.95 1.88 -2.72	37.14 2.14 -0.53	37.29 2.04 0.00	39.37 2.16 0.00	39.58 2.22 -6.09	43.39 2.21 -11.69	45.50 2.46 -8.87	52.13 2.55 -16.94	54.75 2.55 -20.74	61.81 2.52 -28.53	57.60 2.33 -26.55	49.71 2.40 -17.28	44.52 1.77 -14.72	39.99 1.89 -8.15	37.50 2.00 -1.53	34.45 1.91 -0.72
WARRENSBURG____ 23737	29.52 1.90 0.00	27.75 1.77 0.00	26.94 1.60 0.00	25.21 1.56 0.00	24.36 1.47 -0.25	25.65 1.54 0.00	29.16 1.77 -1.30	33.91 1.85 -3.95	37.32 2.19 -3.78	37.72 2.51 -0.74	37.79 2.54 0.00	39.82 2.60 0.00	53.78 2.25 -20.25	47.50 1.77 -16.25	48.68 2.19 -12.33	58.20 2.02 -23.53	62.31 2.04 -28.81	72.27 1.88 -39.63	76.83 1.98 -46.12	89.56 2.07 -57.47	79.33 2.35 -48.95	59.56 2.52 -27.10	41.64 2.58 -5.09	36.57 2.35 -2.39
WATERSIDE____6 8 9 23538	29.63 2.02 0.00	27.77 1.79 0.00	27.17 1.82 0.00	25.33 1.68 0.00	24.48 1.65 -0.19	25.74 1.64 0.00	28.99 1.93 -0.98	33.29 2.22 -2.96	36.65 2.48 -2.83	37.85 2.83 -0.55	37.96 2.71 0.00	40.12 2.90 0.00	40.55 3.00 -6.28	44.68 3.04 -12.16	46.74 3.35 -9.23	50.78 3.59 -14.55	77.26 3.52 -42.27	69.51 3.38 -35.37	59.33 3.04 -27.56	50.84 3.00 -17.82	45.34 2.13 -15.18	40.57 2.22 -8.40	37.92 2.38 -1.58	34.79 2.23 -0.74
WATKINRD_115KV_LN8_ILLION 55919	27.67 0.06 0.00	25.95 -0.03 0.00	25.34 0.00 0.00	23.65 0.00 0.00	22.64 0.00 0.00	24.11 0.00 0.00	26.22 0.13 0.00	28.25 0.14 0.00	31.50 0.16 0.00	34.67 0.21 0.00	35.46 0.21 0.00	37.47 0.26 0.00	31.55 0.28 0.00	29.72 0.24 0.00	34.43 0.27 0.00	32.87 0.23 0.00	31.75 0.28 0.00	31.04 0.28 0.00	28.95 0.23 0.00	30.29 0.27 0.00	28.25 0.22 0.00	30.19 0.24 0.00	34.14 0.17 0.00	31.98 0.16 0.00
WATSON__69_KV_BK 1 55734	36.10 3.23 -5.25	33.98 2.99 -5.02	32.68 2.99 -4.35	28.14 2.74 -1.74	29.25 2.69 -3.91	28.90 2.77 -2.02	31.58 3.21 -2.28	35.69 3.60 -3.99	39.89 4.11 -4.44	41.39 4.62 -2.31	47.83 4.37 -8.21	54.08 4.65 -12.22	65.21 4.38 -29.56	62.30 4.22 -28.60	73.43 4.71 -34.56	77.73 4.73 -40.35	122.87 4.66 -86.75	129.16 4.61 -93.79	106.73 4.25 -73.76	81.98 4.32 -47.64	61.14 3.64 -29.47	55.23 3.86 -21.42	47.43 4.08 -9.39	45.21 3.82 -9.57
WDELAWARE__HYD 323627	28.58 0.97 0.00	26.89 0.91 0.00	26.23 0.89 0.00	24.50 0.85 0.00	23.62 0.81 -0.16	24.90 0.79 0.00	27.82 0.89 -0.85	31.63 0.96 -2.57	34.90 1.10 -2.45	36.22 1.28 -0.48	36.41 1.16 0.00	38.44 1.23 0.00	38.51 1.47 -5.77	41.47 1.44 -10.54	42.74 0.58 -8.00	48.67 0.75 -15.27	51.01 0.85 -18.70	57.34 0.86 -25.72	53.66 0.78 -24.16	47.15 0.75 -16.38	43.02 1.04 -13.95	38.81 1.14 -7.72	36.61 1.19 -1.45	33.61 1.11 -0.68
WEST BABYLON__IC 23714	35.90 3.04 -5.25	33.78 2.78 -5.02	32.48 2.79 -4.35	27.97 2.58 -1.74	29.07 2.51 -3.91	28.70 2.58 -2.02	31.37 3.00 -2.28	35.44 3.34 -3.99	39.58 3.79 -4.44	41.12 4.34 -2.31	47.55 4.09 -8.21	49.54 4.32 -8.01	55.39 4.07 -20.06	62.00 3.92 -28.60	73.09 4.37 -34.55	76.12 4.44 -39.04	120.68 4.37 -84.84	87.32 4.34 -52.22	73.05 3.99 -40.34	65.48 4.05 -31.41	58.83 3.39 -27.41	51.45 3.59 -17.91	47.19 3.84 -9.39	44.99 3.60 -9.57
WEST CANADA__HYD 24049	27.67 0.06 0.00	26.01 0.03 0.00	25.37 0.03 0.00	23.68 0.02 0.00	22.66 0.02 0.00	24.13 0.02 0.00	26.16 0.08 0.00	28.19 0.08 0.00	31.44 0.09 0.00	34.57 0.10 0.00	35.35 0.11 0.00	37.33 0.11 0.00	31.43 0.16 0.00	29.66 0.18 0.00	34.37 0.21 0.00	32.84 0.20 0.00	31.65 0.19 0.00	30.95 0.19 0.00	28.90 0.17 0.00	30.20 0.18 0.00	28.20 0.17 0.00	30.10 0.15 0.00	34.07 0.10 0.00	31.91 0.10 0.00

WESTERN_NY_WIND 24143	27.67 0.06 0.00	25.83 -0.15 0.00	25.09 -0.25 0.00	23.11 -0.54 0.00	22.15 -0.52 -0.02	23.89 -0.22 0.00	25.96 -0.26 -0.13	27.83 -0.67 -0.40	30.88 -0.84 -0.38	33.54 -1.00 -0.07	34.75 -0.46 0.03	36.66 -0.52 0.03	32.10 0.00 -0.83	31.26 0.15 -1.63	35.61 0.21 -1.24	35.33 0.33 -2.36	34.80 0.44 -2.89	35.17 0.43 -3.98	32.78 0.37 -3.68	32.81 0.45 -2.34	31.03 1.01 -1.99	32.01 0.96 -1.10	33.31 -0.37 0.28	31.91 0.03 -0.06
WESTOVER___LESR 323668	27.83 0.22 0.00	26.01 0.03 0.00	25.37 0.03 0.00	23.61 -0.05 0.00	22.65 -0.05 -0.05	24.18 0.07 0.00	26.48 0.10 -0.29	28.97 0.00 -0.87	32.18 0.00 -0.83	34.59 -0.03 -0.16	35.45 0.21 0.01	37.47 0.26 0.01	33.81 0.47 -2.07	33.39 0.35 -3.56	37.34 0.48 -2.70	38.25 0.46 -5.15	38.34 0.57 -6.31	39.96 0.52 -8.68	37.46 0.49 -8.25	36.56 0.66 -5.88	33.74 0.70 -5.01	33.47 0.75 -2.77	34.49 0.14 -0.39	32.37 0.32 -0.24
WETHRSFD_WT_PWR 323626	27.31 -0.30 0.00	25.51 -0.47 0.00	24.84 -0.51 0.00	22.89 -0.76 0.00	21.93 -0.75 -0.03	23.65 -0.46 0.00	25.58 -0.68 -0.17	27.52 -1.10 -0.51	30.55 -1.29 -0.49	33.01 -1.55 -0.10	34.34 -0.88 0.03	36.33 -0.85 0.03	32.05 -0.34 -1.12	31.18 -0.41 -2.11	35.35 -0.41 -1.60	35.31 -0.39 -3.05	35.17 -0.03 -3.74	35.81 -0.09 -5.14	33.44 -0.09 -4.80	33.37 0.18 -3.17	31.23 0.51 -2.70	31.92 0.48 -1.49	32.84 -1.02 0.11	31.51 -0.41 -0.10
WHAVSTOR_138KV_BK127 55557	29.21 1.60 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.13 1.31 -0.18	25.41 1.30 0.00	28.61 1.59 -0.93	32.70 1.77 -2.83	36.09 2.04 -2.70	37.27 2.27 -0.53	37.43 2.19 0.00	39.48 2.27 0.00	39.65 2.38 -6.00	43.49 2.39 -11.62	45.68 2.70 -8.82	52.22 2.74 -16.83	54.81 2.74 -20.61	61.76 2.65 -28.35	57.48 2.41 -26.34	49.47 2.43 -17.02	44.27 1.74 -14.50	39.77 1.80 -8.03	37.38 1.90 -1.51	34.31 1.78 -0.71
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.21 1.60 0.00	27.38 1.40 0.00	26.79 1.44 0.00	25.00 1.35 0.00	24.13 1.31 -0.18	25.41 1.30 0.00	28.61 1.59 -0.93	32.70 1.77 -2.83	36.09 2.04 -2.70	37.27 2.27 -0.53	37.43 2.19 0.00	39.48 2.27 0.00	39.65 2.38 -6.00	43.49 2.39 -11.62	45.68 2.70 -8.82	52.22 2.74 -16.83	54.81 2.74 -20.61	61.76 2.65 -28.35	57.48 2.41 -26.34	49.47 2.43 -17.02	44.27 1.74 -14.50	39.77 1.80 -8.03	37.38 1.90 -1.51	34.31 1.78 -0.71
WHITEHAL_115KV_TB1 80871	30.32 2.71 0.00	28.32 2.34 0.00	27.60 2.26 0.00	25.80 2.15 0.00	24.95 2.06 -0.25	26.30 2.19 0.00	29.94 2.56 -1.30	34.72 2.67 -3.95	38.32 3.20 -3.77	38.82 3.62 -0.74	39.06 3.81 0.00	41.12 3.91 0.00	54.69 3.28 -20.13	48.45 2.74 -16.22	49.82 3.35 -12.31	59.27 3.13 -23.50	63.38 3.15 -28.77	73.29 2.95 -39.57	77.70 2.99 -45.99	90.26 3.12 -57.12	80.07 3.39 -48.65	60.51 3.62 -26.93	42.80 3.77 -5.06	37.70 3.50 -2.38
WHITEPLN_13_KV_LOAD 356215	29.71 2.10 0.00	27.72 1.74 0.00	27.12 1.77 0.00	25.31 1.66 0.00	24.46 1.63 -0.18	25.74 1.64 0.00	29.12 2.06 -0.97	33.50 2.45 -2.95	36.99 2.82 -2.82	38.26 3.24 -0.55	38.35 3.10 0.00	40.49 3.27 0.00	40.88 3.35 -6.26	45.09 3.48 -12.13	47.39 4.03 -9.20	54.32 4.11 -17.56	77.74 4.06 -42.22	70.36 4.00 -35.60	59.86 3.65 -27.49	51.51 3.72 -17.77	45.86 2.69 -15.14	40.90 2.58 -8.38	38.19 2.65 -1.58	34.91 2.35 -0.74
WM_FLOYD_69_KV_BK2 356380	36.07 3.20 -5.25	33.96 2.96 -5.02	32.68 2.99 -4.35	28.11 2.72 -1.74	29.20 2.65 -3.91	28.87 2.75 -2.02	31.55 3.18 -2.28	35.66 3.57 -3.99	39.83 4.04 -4.44	41.15 4.38 -2.31	47.48 4.02 -8.21	59.35 4.24 -17.90	65.90 4.03 -30.60	62.01 3.92 -28.61	73.17 4.44 -34.56	79.26 4.47 -42.14	125.20 4.40 -89.34	184.96 4.31 -149.89	151.62 3.96 -118.93	103.76 4.11 -69.63	61.12 3.36 -29.73	55.23 3.50 -21.78	47.06 3.70 -9.39	44.96 3.56 -9.57
WOODARD___115KV_TB2 355635	27.28 -0.33 0.00	25.54 -0.44 0.00	24.86 -0.48 0.00	23.20 -0.45 0.00	22.23 -0.43 -0.02	23.70 -0.41 0.00	25.88 -0.29 -0.08	27.96 -0.39 -0.25	31.15 -0.44 -0.24	34.00 -0.52 -0.05	34.81 -0.42 0.01	36.79 -0.41 0.01	31.12 -0.16 0.00	30.34 -0.18 -1.03	34.77 -0.17 -0.78	33.97 -0.16 -1.49	33.17 -0.13 -1.83	33.12 -0.15 -2.51	30.50 -0.14 -1.92	29.87 -0.15 0.00	28.00 -0.03 0.00	29.95 0.00 0.00	33.40 -0.41 0.16	31.46 -0.35 0.01
YORK___WARBASSE 23770	29.82 2.21 0.00	27.93 1.95 0.00	27.32 1.98 0.00	25.45 1.80 0.00	24.59 1.77 -0.19	25.82 1.71 0.00	29.02 1.96 -0.98	33.34 2.28 -2.96	36.75 2.57 -2.83	37.98 2.96 -0.55	38.07 2.82 0.00	40.27 3.05 0.00	40.74 3.19 -6.28	44.86 3.21 -12.16	46.94 3.55 -9.23	75.54 3.82 -39.08	77.57 3.78 -42.33	72.32 3.63 -37.93	90.16 3.27 -58.16	51.05 3.21 -17.82	45.51 2.30 -15.18	40.72 2.37 -8.40	38.16 2.62 -1.58	34.98 2.42 -0.74