

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/27/2023

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	28.28	27.11	27.68	26.70	27.59	26.58	29.05	33.65	37.11	40.37	39.09	37.70	39.73	42.52	40.20	40.01	46.83	45.16	42.07	40.01	38.51	32.86	31.22	28.89
24138	1.69	1.54	1.51	1.34	1.45	1.41	1.79	1.99	2.04	2.27	2.16	2.21	2.22	2.44	2.05	1.88	1.89	1.97	1.60	1.46	1.45	1.92	1.76	1.80
	-0.56	0.03	-0.19	-1.06	-0.16	0.02	-0.99	-1.46	-4.55	-5.16	-4.17	-2.94	-5.83	-6.64	-12.84	-15.50	-23.22	-20.76	-20.66	-18.47	-17.15	-2.21	-0.62	-0.25
74TH STREET_GT_1	28.36	27.19	27.73	26.78	27.65	26.66	29.11	33.68	37.14	40.37	39.12	37.70	39.77	42.56	40.26	40.08	46.88	45.23	42.11	40.11	38.61	33.00	31.42	29.05
24260	1.77	1.61	1.56	1.41	1.51	1.49	1.84	2.02	2.07	2.27	2.20	2.21	2.25	2.47	2.10	1.95	1.93	2.04	1.64	1.57	1.55	2.07	1.96	1.96
	-0.56	0.03	-0.19	-1.06	-0.16	0.02	-0.99	-1.46	-4.56	-5.16	-4.17	-2.94	-5.83	-6.64	-12.84	-15.51	-23.22	-20.76	-20.66	-18.47	-17.15	-2.21	-0.62	-0.25
74TH STREET_GT_2	28.36	27.19	27.73	26.78	27.65	26.66	29.11	33.68	37.14	40.37	39.12	37.70	39.77	42.56	40.26	40.08	46.88	45.23	42.11	40.11	38.61	33.00	31.42	29.05
24261	1.77	1.61	1.56	1.41	1.51	1.49	1.84	2.02	2.07	2.27	2.20	2.21	2.25	2.47	2.10	1.95	1.93	2.04	1.64	1.57	1.55	2.07	1.96	1.96
	-0.56	0.03	-0.19	-1.06	-0.16	0.02	-0.99	-1.46	-4.56	-5.16	-4.17	-2.94	-5.83	-6.64	-12.84	-15.51	-23.22	-20.76	-20.66	-18.47	-17.15	-2.21	-0.62	-0.25
ADK HUDSON___FALLS	29.71	27.48	28.55	29.25	28.55	27.01	31.35	41.48	54.64	62.62	58.51	52.17	64.15	70.87	79.25	91.13	110.65	84.33	81.39	75.64	71.61	37.38	32.70	29.43
24011	2.03	1.87	1.90	1.75	1.90	1.81	1.94	2.26	2.32	2.50	2.39	2.41	2.31	2.41	1.72	1.49	1.50	1.50	1.47	1.63	1.61	2.21	2.05	1.85
	-1.64	0.00	-0.67	-3.19	-0.67	0.00	-3.13	-9.02	-21.80	-27.18	-23.36	-17.22	-30.15	-35.02	-52.21	-67.01	-87.42	-60.39	-60.11	-53.94	-50.09	-6.45	-1.82	-0.74
ADK RESOURCE___RCVRY	29.89	27.66	28.73	29.43	28.73	27.16	31.51	41.48	54.48	62.30	58.26	52.03	63.81	70.39	78.79	90.33	110.02	84.67	81.71	75.97	71.92	37.61	32.88	29.57
23798	2.21	2.05	2.08	1.92	2.08	1.97	2.10	2.48	2.53	2.73	2.65	2.67	2.57	2.64	1.87	1.63	1.61	1.64	1.59	1.77	1.75	2.41	2.22	1.99
	-1.65	0.00	-0.67	-3.20	-0.67	0.00	-3.13	-8.81	-21.43	-26.64	-22.85	-16.82	-29.56	-34.32	-51.61	-66.07	-86.68	-60.60	-60.32	-54.12	-50.26	-6.47	-1.82	-0.75
ADK S GLENS___FALLS	29.71	27.48	28.55	29.25	28.55	27.01	31.35	41.48	54.64	62.62	58.51	52.17	64.15	70.87	79.25	91.13	110.65	84.33	81.39	75.64	71.61	37.38	32.70	29.43
24028	2.03	1.87	1.90	1.75	1.90	1.81	1.94	2.26	2.32	2.50	2.39	2.41	2.31	2.41	1.72	1.49	1.50	1.50	1.47	1.63	1.61	2.21	2.05	1.85
	-1.64	0.00	-0.67	-3.19	-0.67	0.00	-3.13	-9.02	-21.80	-27.18	-23.36	-17.22	-30.15	-35.02	-52.21	-67.01	-87.42	-60.39	-60.11	-53.94	-50.09	-6.45	-1.82	-0.74
ADK_NYS___DAM	29.06	27.25	28.21	28.46	28.19	26.73	30.63	44.28	59.11	69.90	65.68	57.81	72.16	80.65	85.16	101.97	114.79	73.07	70.01	65.25	61.92	35.85	32.16	29.27
23527	1.69	1.64	1.69	1.56	1.66	1.54	1.76	1.93	1.98	2.21	2.16	2.15	2.09	2.21	1.80	1.65	1.52	1.59	1.39	1.38	1.35	1.90	1.85	1.83
	-1.33	0.00	-0.54	-2.59	-0.54	0.00	-2.60	-12.16	-26.62	-34.76	-30.75	-23.12	-38.38	-45.00	-58.04	-77.69	-91.54	-49.05	-48.82	-43.79	-40.66	-5.23	-1.48	-0.60
AIR_PRODUCTS___DRP	27.94	26.43	27.27	27.29	27.27	25.93	29.07	29.18	31.42	31.29	30.01	29.98	30.01	30.73	35.70	30.33	47.82	64.47	61.54	57.55	54.72	33.88	30.92	28.20
24190	0.78	0.82	0.83	0.80	0.83	0.73	0.76	0.88	0.85	0.92	0.92	0.88	0.86	0.94	0.78	0.70	0.65	0.67	0.55	0.56	0.54	0.75	0.84	0.86
	-1.12	0.00	-0.46	-2.19	-0.46	0.00	-2.04	1.88	-0.06	2.56	3.67	3.44	2.53	3.64	-9.60	-7.00	-25.45	-41.37	-41.18	-36.91	-34.28	-4.41	-1.24	-0.51
AKWESSNE_115KV_BK	25.75	25.43	25.77	24.14	25.80	25.04	25.93	29.80	30.09	32.44	32.27	32.06	31.21	32.94	24.66	21.88	21.05	21.63	19.11	19.33	19.23	28.15	28.55	26.49
355683	-0.29	-0.18	-0.21	-0.17	-0.18	-0.15	-0.34	-0.39	-0.43	-0.49	-0.49	-0.49	-0.48	-0.50	-0.66	-0.75	-0.67	-0.81	-0.69	-0.74	-0.68	-0.57	-0.29	-0.35
	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	27.94	26.43	27.27	27.29	27.27	25.93	29.07	29.18	31.42	31.29	30.01	29.98	30.01	30.73	35.70	30.33	47.82	64.47	61.54	57.55	54.72	33.88	30.92	28.20
23571	0.78	0.82	0.83	0.80	0.83	0.73	0.76	0.88	0.85	0.92	0.92	0.88	0.86	0.94	0.78	0.70	0.65	0.67	0.55	0.56	0.54	0.75	0.84	0.86
	-1.12	0.00	-0.46	-2.19	-0.46	0.00	-2.04	1.88	-0.06	2.56	3.67	3.44	2.53	3.64	-9.60	-7.00	-25.45	-41.37	-41.18	-36.91	-34.28	-4.41	-1.24	-0.51
ALBANY___2	27.94	26.43	27.27	27.29	27.27	25.93	29.07	29.18	31.42	31.29	30.01	29.98	30.01	30.73	35.70	30.33	47.82	64.47	61.54	57.55	54.72	33.88	30.92	28.20
23572	0.78	0.82	0.83	0.80	0.83	0.73	0.76	0.88	0.85	0.92	0.92	0.88	0.86	0.94	0.78	0.70	0.65	0.67	0.55	0.56	0.54	0.75	0.84	0.86
	-1.12	0.00	-0.46	-2.19	-0.46	0.00	-2.04	1.88	-0.06	2.56	3.67	3.44	2.53	3.64	-9.60	-7.00	-25.45	-41.37	-41.18	-36.91	-34.28	-4.41	-1.24	-0.51
ALBANY___3	27.94	26.43	27.27	27.29	27.27	25.93	29.07	29.18	31.42	31.29	30.01	29.98	30.01	30.73	35.70	30.33	47.82	64.47	61.54	57.55	54.72	33.88	30.92	28.20
23573	0.78	0.82	0.83	0.80	0.83	0.73	0.76	0.88	0.85	0.92	0.92	0.88	0.86	0.94	0.78	0.70	0.65	0.67	0.55	0.56	0.54	0.75	0.84	0.86
	-1.12	0.00	-0.46	-2.19	-0.46	0.00	-2.04	1.88	-0.06	2.56	3.67	3.44	2.53	3.64	-9.60	-7.00	-25.45	-41.37	-41.18	-36.91	-34.28	-4.41	-1.24	-0.51

ALBANY___4 23574	27.94 0.78 -1.12	26.43 0.82 0.00	27.27 0.83 -0.46	27.29 0.80 -2.19	27.27 0.83 -0.46	25.93 0.73 0.00	29.07 0.76 -2.04	29.18 0.88 1.88	31.42 0.85 -0.06	31.29 0.92 2.56	30.01 0.92 3.67	29.98 0.88 3.44	30.01 0.86 2.53	30.73 0.94 3.64	35.70 0.78 -9.60	30.33 0.70 -7.00	47.82 0.65 -25.45	64.47 0.67 -41.37	61.54 0.55 -41.18	57.55 0.56 -36.91	54.72 0.54 -34.28	33.88 0.75 -4.41	30.92 0.84 -1.24	28.20 0.86 -0.51
ALBANY___LFGE 323615	28.41 1.09 -1.28	26.68 1.08 0.00	27.59 1.09 -0.52	27.81 1.02 -2.49	27.59 1.09 -0.52	26.18 0.98 0.00	29.63 1.02 -2.33	30.22 1.18 1.15	33.61 1.19 -1.91	33.92 1.28 0.30	32.33 1.31 1.74	31.81 1.30 2.03	32.94 1.27 0.01	34.05 1.34 0.73	40.62 1.14 -14.16	36.43 1.02 -12.78	55.91 0.95 -33.22	70.45 0.96 -47.05	67.45 0.81 -46.83	62.88 0.80 -42.00	59.71 0.80 -39.00	34.86 1.12 -5.02	31.41 1.15 -1.42	28.54 1.13 -0.58
ALCOA_PA_115KV_PL-6C 55860	26.01 -0.03 0.00	25.69 0.08 0.00	26.01 0.03 0.00	24.38 0.07 0.00	26.08 0.10 0.00	25.30 0.10 0.00	26.20 -0.08 0.00	30.04 -0.15 0.00	30.27 -0.24 0.00	32.70 -0.23 0.00	32.50 -0.26 0.00	32.28 -0.26 0.00	31.43 -0.25 0.00	33.14 -0.30 0.00	24.78 -0.53 0.00	21.90 -0.72 0.00	21.08 -0.65 0.00	21.49 -0.94 0.00	18.99 -0.81 0.00	19.21 -0.86 0.00	19.13 -0.78 0.00	28.32 -0.40 0.00	28.84 0.00 0.00	26.76 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	26.01 -0.03 0.00	25.69 0.08 0.00	26.01 0.03 0.00	24.38 0.07 0.00	26.08 0.10 0.00	25.30 0.10 0.00	26.20 -0.08 0.00	30.04 -0.15 0.00	30.27 -0.24 0.00	32.70 -0.23 0.00	32.50 -0.26 0.00	32.28 -0.26 0.00	31.43 -0.25 0.00	33.14 -0.30 0.00	24.78 -0.53 0.00	21.90 -0.72 0.00	21.08 -0.65 0.00	21.49 -0.94 0.00	18.99 -0.81 0.00	19.21 -0.86 0.00	19.13 -0.78 0.00	28.32 -0.40 0.00	28.84 0.00 0.00	26.76 -0.08 0.00
ALCOA___DSASP 323711	26.01 -0.03 0.00	25.69 0.08 0.00	26.01 0.03 0.00	24.38 0.07 0.00	26.06 0.08 0.00	25.30 0.10 0.00	26.20 -0.08 0.00	29.98 -0.21 0.00	30.30 -0.21 0.00	32.71 -0.23 0.00	32.53 -0.23 0.00	32.28 -0.26 0.00	31.47 -0.22 0.00	33.17 -0.27 0.00	24.78 -0.53 0.00	21.93 -0.70 0.00	21.08 -0.65 0.00	21.49 -0.94 0.00	18.99 -0.81 0.00	19.21 -0.86 0.00	19.13 -0.78 0.00	28.35 -0.37 0.00	28.84 0.00 0.00	26.73 -0.11 0.00
ALLEGHENY___COGEN 23514	27.11 1.01 -0.07	25.88 0.54 0.26	26.10 0.39 0.28	24.40 0.19 0.10	25.70 0.29 0.56	25.63 0.63 0.19	26.92 0.82 0.17	30.51 0.90 0.59	31.43 0.70 -0.22	33.03 0.20 0.10	32.88 0.26 0.15	32.64 0.20 0.10	31.81 -0.16 -0.28	33.30 -0.44 -0.30	28.20 0.30 -2.59	26.18 0.43 -3.12	26.90 0.50 -4.67	27.41 0.81 -4.17	24.91 0.95 -4.15	24.78 1.43 -3.28	24.35 1.39 -3.05	30.55 1.44 -0.39	29.81 0.86 -0.11	27.77 0.88 -0.05
ALTAMONT_115KV_TB 2 55880	28.06 1.02 -1.01	26.61 1.00 0.00	27.43 1.04 -0.41	27.25 0.97 -1.97	27.43 1.04 -0.41	26.08 0.88 0.00	29.16 1.02 -1.86	31.76 1.12 -0.45	35.65 1.13 -4.01	37.51 1.25 -3.33	35.91 1.21 -1.93	34.70 1.20 -0.96	36.75 1.17 -3.89	38.75 1.24 -4.07	41.93 1.04 -15.58	40.21 0.95 -16.63	54.63 0.89 -32.02	60.68 0.92 -37.32	57.75 0.79 -37.15	54.18 0.80 -33.30	51.60 0.78 -30.92	33.79 1.09 -3.98	31.06 1.10 -1.12	28.40 1.10 -0.46
ALTONA_WT_PWR 323606	25.93 -0.10 0.00	25.58 -0.03 0.00	25.88 -0.10 0.00	24.28 -0.02 0.00	26.03 0.05 0.00	25.35 0.15 0.00	26.33 0.05 0.00	30.31 0.12 0.00	30.36 -0.15 0.00	32.54 -0.39 0.00	32.34 -0.43 0.00	32.22 -0.33 0.00	31.37 -0.32 0.00	33.21 -0.23 0.00	24.76 -0.56 0.00	22.04 -0.59 0.00	21.27 -0.46 0.00	22.03 -0.40 0.00	19.47 -0.34 0.00	19.70 -0.38 0.00	19.79 -0.12 0.00	28.90 0.17 0.00	29.16 0.32 0.00	27.05 0.21 0.00
AMERICAN_REF_FUEL 24010	25.38 -0.70 -0.05	24.14 -1.18 0.29	24.29 -1.38 0.32	22.64 -1.51 0.16	23.81 -1.53 0.64	23.82 -1.16 0.21	24.80 -1.23 0.24	27.99 -1.48 0.72	29.19 -1.37 -0.05	31.02 -1.58 0.34	31.01 -1.41 0.34	30.88 -1.43 0.24	30.29 -1.46 -0.06	31.78 -1.70 -0.05	27.15 -0.51 -2.34	25.09 -0.36 -2.83	25.48 -0.48 -4.23	25.85 -0.36 -3.78	23.15 -0.42 -3.76	22.87 -0.12 -2.91	22.29 -0.32 -2.70	27.89 -1.18 -0.35	27.32 -1.61 -0.10	25.72 -1.15 -0.04
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.15 0.05 -0.07	24.77 -0.56 0.27	24.97 -0.73 0.28	23.28 -0.92 0.11	24.52 -0.88 0.58	24.52 -0.48 0.20	25.72 -0.37 0.18	29.37 -0.21 0.61	30.66 -0.06 -0.21	32.72 -0.10 0.12	32.56 -0.03 0.17	32.37 -0.06 0.11	32.08 0.13 -0.27	33.33 -0.40 -0.29	28.62 0.68 -2.62	26.38 0.59 -3.16	26.92 0.46 -4.74	27.16 0.49 -4.23	24.29 0.28 -4.21	23.96 0.54 -3.34	23.33 0.32 -3.10	28.95 -0.17 -0.40	28.26 -0.69 -0.11	26.51 -0.38 -0.05
ARTHUR_KILL_GT_1 23520	28.42 1.82 -0.57	27.27 1.69 0.03	27.76 1.59 -0.19	26.75 1.38 -1.06	27.65 1.51 -0.16	26.63 1.46 0.02	28.92 1.66 -0.99	30.97 1.66 0.88	30.97 1.65 1.19	31.73 1.84 3.05	36.89 1.70 -2.42	36.74 1.85 -2.34	39.34 1.84 -5.82	42.18 2.11 -6.63	39.92 1.77 -12.83	39.80 1.67 -15.49	46.65 1.72 -23.21	45.02 1.84 -20.75	42.00 1.55 -20.65	39.88 1.35 -18.46	38.42 1.37 -17.14	32.68 1.90 -2.06	31.18 1.73 -0.61	28.95 1.85 -0.26
ARTHUR_KILL_2 23512	28.37 1.77 -0.57	27.19 1.61 0.03	27.71 1.53 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	28.87 1.60 -0.99	30.88 1.57 0.88	30.88 1.56 1.19	31.63 1.74 3.05	36.79 1.60 -2.42	36.64 1.76 -2.34	39.25 1.74 -5.82	42.04 1.97 -6.63	39.82 1.67 -12.83	39.71 1.58 -15.49	46.57 1.63 -23.21	44.93 1.75 -20.75	41.92 1.47 -20.65	39.81 1.27 -18.46	38.34 1.29 -17.14	32.59 1.81 -2.06	31.10 1.64 -0.61	28.87 1.77 -0.26
ARTHUR_KILL_3 23513	28.00 1.40 -0.56	26.82 1.25 0.04	27.39 1.22 -0.18	26.43 1.07 -1.06	27.30 1.17 -0.15	26.33 1.16 0.02	28.74 1.47 -0.99	30.92 1.60 0.87	30.95 1.62 1.18	31.70 1.81 3.04	36.86 1.67 -2.43	36.65 1.76 -2.35	39.26 1.74 -5.83	42.02 1.94 -6.64	39.82 1.67 -12.84	39.67 1.54 -15.50	46.51 1.57 -23.22	44.83 1.64 -20.76	41.79 1.33 -20.66	39.75 1.20 -18.47	38.25 1.19 -17.15	32.34 1.55 -2.07	30.87 1.41 -0.62	28.59 1.50 -0.25
ARTHUR_KILL_COGEN 323718	28.42 1.82 -0.57	27.27 1.69 0.03	27.76 1.59 -0.19	26.75 1.38 -1.06	27.65 1.51 -0.16	26.63 1.46 0.02	28.92 1.66 -0.99	30.97 1.66 0.88	30.97 1.65 1.19	31.73 1.84 3.05	36.89 1.70 -2.42	36.74 1.85 -2.34	39.34 1.84 -5.82	42.18 2.11 -6.63	39.92 1.77 -12.83	39.80 1.67 -15.49	46.65 1.72 -23.21	45.02 1.84 -20.75	42.00 1.55 -20.65	39.88 1.35 -18.46	38.42 1.37 -17.14	32.68 1.90 -2.06	31.18 1.73 -0.61	28.95 1.85 -0.26
ASHOKAN____ 23654	27.63 0.78 -0.81	26.86 1.25 0.00	26.99 0.67 -0.33	26.49 0.61 -1.58	26.93 0.62 -0.33	26.25 1.06 0.00	28.59 0.84 -1.48	32.54 2.29 -0.05	35.59 2.44 -2.63	37.71 2.93 -1.85	36.28 2.72 -0.80	35.36 2.63 -0.18	36.41 2.50 -2.22	38.32 2.68 -2.20	37.54 0.79 -11.43	35.98 1.56 -11.79	46.70 0.74 -24.23	53.01 0.72 -29.85	50.22 0.69 -29.72	47.35 0.66 -26.61	45.27 0.66 -24.71	32.65 0.75 -3.18	30.51 0.78 -0.90	28.44 1.24 -0.37

ASTORIA_EAST_ENERGY_CC1 323581	28.40 1.80 -0.57	27.23 1.64 0.02	27.77 1.59 -0.20	26.78 1.41 -1.07	27.68 1.53 -0.17	26.66 1.49 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.70 1.65 -4.55	39.90 1.81 -5.15	38.53 1.60 -4.17	37.44 1.95 -2.94	39.35 1.84 -5.83	42.22 2.14 -6.64	39.92 1.77 -12.84	39.85 1.72 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	42.07 1.60 -20.66	39.83 1.29 -18.47	38.45 1.39 -17.15	32.86 1.92 -2.21	31.32 1.85 -0.63	29.00 1.91 -0.26
ASTORIA_EAST_ENERGY_CC2 323582	28.40 1.80 -0.57	27.23 1.64 0.02	27.77 1.59 -0.20	26.78 1.41 -1.07	27.68 1.53 -0.17	26.66 1.49 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.70 1.65 -4.55	39.90 1.81 -5.15	38.53 1.60 -4.17	37.44 1.95 -2.94	39.35 1.84 -5.83	42.22 2.14 -6.64	39.92 1.77 -12.84	39.85 1.72 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	42.07 1.60 -20.66	39.83 1.29 -18.47	38.45 1.39 -17.15	32.86 1.92 -2.21	31.32 1.85 -0.63	29.00 1.91 -0.26
ASTORIA_GT2_1 24094	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.83 1.46 -1.07	27.68 1.53 -0.17	26.71 1.54 0.02	29.05 1.79 -0.99	33.31 1.66 -1.46	36.75 1.68 -4.56	39.94 1.84 -5.16	38.80 1.87 -4.17	37.41 1.92 -2.94	39.64 2.12 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	39.99 1.86 -15.51	46.85 1.91 -23.22	45.21 2.02 -20.76	42.09 1.62 -20.66	40.05 1.51 -18.47	38.55 1.49 -17.15	32.97 2.04 -2.21	31.49 2.02 -0.63	29.11 2.01 -0.26
ASTORIA_GT2_2 24095	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.83 1.46 -1.07	27.68 1.53 -0.17	26.71 1.54 0.02	29.05 1.79 -0.99	33.31 1.66 -1.46	36.75 1.68 -4.56	39.94 1.84 -5.16	38.80 1.87 -4.17	37.41 1.92 -2.94	39.64 2.12 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	39.99 1.86 -15.51	46.85 1.91 -23.22	45.21 2.02 -20.76	42.09 1.62 -20.66	40.05 1.51 -18.47	38.55 1.49 -17.15	32.97 2.04 -2.21	31.49 2.02 -0.63	29.11 2.01 -0.26
ASTORIA_GT2_3 24096	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.83 1.46 -1.07	27.68 1.53 -0.17	26.71 1.54 0.02	29.05 1.79 -0.99	33.31 1.66 -1.46	36.75 1.68 -4.56	39.94 1.84 -5.16	38.80 1.87 -4.17	37.41 1.92 -2.94	39.64 2.12 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	39.99 1.86 -15.51	46.85 1.91 -23.22	45.21 2.02 -20.76	42.09 1.62 -20.66	40.05 1.51 -18.47	38.55 1.49 -17.15	32.97 2.04 -2.21	31.49 2.02 -0.63	29.11 2.01 -0.26
ASTORIA_GT2_4 24097	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.83 1.46 -1.07	27.68 1.53 -0.17	26.71 1.54 0.02	29.05 1.79 -0.99	33.31 1.66 -1.46	36.75 1.68 -4.56	39.94 1.84 -5.16	38.80 1.87 -4.17	37.41 1.92 -2.94	39.64 2.12 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	39.99 1.86 -15.51	46.85 1.91 -23.22	45.21 2.02 -20.76	42.09 1.62 -20.66	40.05 1.51 -18.47	38.55 1.49 -17.15	32.97 2.04 -2.21	31.49 2.02 -0.63	29.11 2.01 -0.26
ASTORIA_GT3_1 24098	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.83 1.46 -1.07	27.68 1.53 -0.17	26.71 1.54 0.02	29.05 1.79 -0.99	33.31 1.66 -1.46	36.75 1.68 -4.56	39.94 1.84 -5.16	38.80 1.87 -4.17	37.41 1.92 -2.94	39.64 2.12 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	39.99 1.86 -15.51	46.85 1.91 -23.22	45.21 2.02 -20.76	42.09 1.62 -20.66	40.05 1.51 -18.47	38.55 1.49 -17.15	32.97 2.04 -2.21	31.49 2.02 -0.63	29.11 2.01 -0.26
ASTORIA_GT3_2 24099	28.40 1.80 																							

ASTORIA_GT_10 24110	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.73 1.36 -1.06	27.57 1.43 -0.16	26.61 1.44 0.02	29.00 1.73 -0.99	33.44 1.78 -1.46	36.87 1.80 -4.56	40.04 1.94 -5.16	38.86 1.93 -4.17	37.44 1.95 -2.94	39.58 2.06 -5.83	42.39 2.31 -6.64	40.11 1.95 -12.84	39.94 1.81 -15.51	46.77 1.83 -23.22	45.12 1.93 -20.76	41.99 1.53 -20.66	39.99 1.45 -18.47	38.49 1.43 -17.15	32.91 1.98 -2.21	31.36 1.90 -0.62	29.00 1.91 -0.26
ASTORIA_GT_11 24225	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.73 1.36 -1.06	27.57 1.43 -0.16	26.61 1.44 0.02	29.00 1.73 -0.99	33.44 1.78 -1.46	36.87 1.80 -4.56	40.04 1.94 -5.16	38.86 1.93 -4.17	37.44 1.95 -2.94	39.58 2.06 -5.83	42.39 2.31 -6.64	40.11 1.95 -12.84	39.94 1.81 -15.51	46.77 1.83 -23.22	45.12 1.93 -20.76	41.99 1.53 -20.66	39.99 1.45 -18.47	38.49 1.43 -17.15	32.91 1.98 -2.21	31.36 1.90 -0.62	29.00 1.91 -0.26
ASTORIA_GT_12 24226	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.43 1.78 -1.46	36.87 1.80 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.47 1.99 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	44.99 1.80 -20.76	42.01 1.55 -20.66	39.87 1.32 -18.47	38.41 1.35 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
ASTORIA_GT_13 24227	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.43 1.78 -1.46	36.87 1.80 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.47 1.99 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	44.99 1.80 -20.76	42.01 1.55 -20.66	39.87 1.32 -18.47	38.41 1.35 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
ASTORIA_GT_5 24106	28.45 1.85 -0.57	27.28 1.69 0.02	27.82 1.64 -0.20	26.83 1.46 -1.07	27.73 1.59 -0.17	26.74 1.56 0.02	29.11 1.84 -0.99	33.34 1.69 -1.46	36.80 1.74 -4.55	40.00 1.91 -5.15	38.63 1.70 -4.17	37.50 2.02 -2.94	39.45 1.93 -5.83	42.32 2.24 -6.64	40.00 1.85 -12.84	39.92 1.79 -15.50	46.70 1.76 -23.22	45.05 1.86 -20.76	42.15 1.68 -20.66	39.91 1.37 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.40 1.93 -0.63	29.06 1.96 -0.26
ASTORIA_GT_7 24107	28.45 1.85 -0.57	27.28 1.69 0.02	27.82 1.64 -0.20	26.83 1.46 -1.07	27.73 1.59 -0.17	26.74 1.56 0.02	29.11 1.84 -0.99	33.34 1.69 -1.46	36.80 1.74 -4.55	40.00 1.91 -5.15	38.63 1.70 -4.17	37.50 2.02 -2.94	39.45 1.93 -5.83	42.32 2.24 -6.64	40.00 1.85 -12.84	39.92 1.79 -15.50	46.70 1.76 -23.22	45.05 1.86 -20.76	42.15 1.68 -20.66	39.91 1.37 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.40 1.93 -0.63	29.06 1.96 -0.26
ASTORIA_GT_8 24108	28.45 1.85 -0.57	27.30 1.72 0.02	27.82 1.64 -0.20	26.86 1.48 -1.07	27.73 1.58 -0.17	26.76 1.59 0.02	29.11 1.84 -0.99	33.38 1.72 -1.46	36.81 1.74 -4.56	40.01 1.91 -5.16	38.86 1.93 -4.17	37.47 1.99 -2.94	39.70 2.19 -5.83	42.59 2.51 -6.64	40.21 2.05 -12.84	40.06 1.92 -15.51	46.92 1.98 -23.22	45.28 2.09 -20.76	42.13 1.66 -20.66	40.11 1.57 -18.47	38.61 1.55 -17.15	33.03 2.10 -2.21	31.55 2.08 -0.63	29.17 2.07 -0.26
ASTORIA___2 24149	28.40 1.80 -0.57	27.23 1.64 0.02	27.79 1.61 -0.20	26.81 1.43 -1.07	27.68 1.53 -0.17	26.68 1.51 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.74 1.68 -4.55	39.93 1.84 -5.15	38.57 1.64 -4.17	37.44 1.95 -2.94	39.38 1.87 -5.83	42.22 2.14 -6.64	39.92 1.77 -12.84	39.87 1.74 -15.50	46.66 1.72 -23.22	45.01 1.82 -20.76	42.09 1.62 -20.66	39.85 1.30 -18.47	38.45 1.39 -17.15	32.88 1.95 -2.21	31.34 1.87 -0.63	29.00 1.91 -0.26
ASTORIA___3 23516	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.43 1.78 -1.46	36.87 1.80 -4.55	40.07 1.98 -5.16	38.73 1.80 -4.17	37.47 1.99 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	44.99 1.80 -20.76	42.01 1.55 -20.66	39.87 1.32 -18.47	38.41 1.35 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
ASTORIA___4 23517	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.73 1.36 -1.06	27.57 1.43 -0.16	26.61 1.44 0.02	29.00 1.73 -0.99	33.44 1.78 -1.46	36.87 1.80 -4.56	40.04 1.94 -5.16	38.86 1.93 -4.17	37.44 1.95 -2.94	39.58 2.06 -5.83	42.39 2.31 -6.64	40.11 1.95 -12.84	39.94 1.81 -15.51	46.77 1.83 -23.22	45.12 1.93 -20.76	41.99 1.53 -20.66	39.99 1.45 -18.47	38.49 1.43 -17.15	32.91 1.98 -2.21	31.36 1.90 -0.62	29.00 1.91 -0.26
ASTORIA___5 23518	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.43 1.78 -1.46	36.87 1.80 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.47 1.99 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	44.99 1.80 -20.76	42.01 1.55 -20.66	39.87 1.32 -18.47	38.41 1.35 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
AST_ENERGY_2_CC3 323677	28.13 1.54 -0.56	26.96 1.38 0.03	27.52 1.35 -0.19	26.56 1.19 -1.06	27.44 1.30 -0.16	26.43 1.26 0.02	28.84 1.58 -0.99	33.37 1.72 -1.46	36.84 1.77 -4.55	40.04 1.94 -5.16	38.76 1.83 -4.17	37.37 1.89 -2.94	39.38 1.87 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.76 1.63 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.83 1.29 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
AST_ENERGY_2_CC4 323678	28.13 1.54 -0.56	26.96 1.38 0.03	27.52 1.35 -0.19	26.56 1.19 -1.06	27.44 1.30 -0.16	26.43 1.26 0.02	28.84 1.58 -0.99	33.37 1.72 -1.46	36.84 1.77 -4.55	40.04 1.94 -5.16	38.76 1.83 -4.17	37.37 1.89 -2.94	39.38 1.87 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.76 1.63 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.83 1.29 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
ATHENS_STG_1 23668	27.69 1.07 -0.59	26.63 1.03 0.00	27.31 1.09 -0.24	26.44 1.00 -1.14	27.29 1.07 -0.24	26.10 0.91 0.00	28.43 1.08 -1.08	32.97 1.15 -1.63	36.52 1.19 -4.82	39.76 1.32 -5.50	38.42 1.21 -4.45	36.89 1.20 -3.14	39.02 1.17 -6.16	41.74 1.27 -7.03	39.77 1.11 -13.34	39.75 1.02 -16.10	46.80 0.95 -24.12	45.05 1.03 -21.59	42.14 0.85 -21.49	40.11 0.82 -19.21	38.56 0.82 -17.84	32.14 1.12 -2.30	30.61 1.12 -0.65	28.28 1.18 -0.27
ATHENS_STG_2 23670	27.69 1.07 -0.59	26.63 1.03 0.00	27.31 1.09 -0.24	26.44 1.00 -1.14	27.29 1.07 -0.24	26.10 0.91 0.00	28.43 1.08 -1.08	32.97 1.15 -1.63	36.52 1.19 -4.82	39.76 1.32 -5.50	38.42 1.21 -4.45	36.89 1.20 -3.14	39.02 1.17 -6.16	41.74 1.27 -7.03	39.77 1.11 -13.34	39.75 1.02 -16.10	46.80 0.95 -24.12	45.05 1.03 -21.59	42.14 0.85 -21.49	40.11 0.82 -19.21	38.56 0.82 -17.84	32.14 1.12 -2.30	30.61 1.12 -0.65	28.28 1.18 -0.27

ATHENS_STG_3 23677	27.69 1.07 -0.59	26.63 1.03 0.00	27.31 1.09 -0.24	26.44 1.00 -1.14	27.29 1.07 -0.24	26.10 0.91 0.00	28.43 1.08 -1.08	32.97 1.15 -1.63	36.52 1.19 -4.82	39.76 1.32 -5.50	38.42 1.21 -4.45	36.89 1.20 -3.14	39.02 1.17 -6.16	41.74 1.27 -7.03	39.77 1.11 -13.34	39.75 1.02 -16.10	46.80 0.95 -24.12	45.05 1.03 -21.59	42.14 0.85 -21.49	40.11 0.82 -19.21	38.56 0.82 -17.84	32.14 1.12 -2.30	30.61 1.12 -0.65	28.28 1.18 -0.27
AUBURN____LFGE 323710	26.28 0.18 -0.06	25.52 0.03 0.12	25.82 -0.05 0.11	24.28 -0.05 -0.02	25.72 -0.03 0.24	25.26 0.15 0.09	26.60 0.34 0.01	30.41 0.39 0.17	31.28 0.40 -0.37	33.46 0.26 -0.27	33.28 0.33 -0.19	33.04 0.36 -0.13	32.45 0.29 -0.47	34.27 0.30 -0.53	27.81 0.58 -1.92	25.55 0.61 -2.31	25.80 0.56 -3.51	26.31 0.74 -3.13	23.58 0.65 -3.12	23.15 0.72 -2.35	22.81 0.72 -2.18	29.66 0.66 -0.28	29.29 0.37 -0.08	27.16 0.30 -0.03
BABYLON_RES_REC 323704	44.11 2.45 -15.63	36.33 2.20 -8.52	33.10 2.21 -4.91	31.21 1.97 -4.94	31.38 2.16 -3.24	26.83 1.66 0.02	29.29 2.02 -0.99	33.95 2.29 -1.46	37.57 2.50 -4.56	40.73 2.64 -5.16	49.15 2.62 -13.76	49.97 2.76 -14.66	51.06 2.60 -16.78	54.67 2.94 -18.29	52.39 2.48 -24.59	52.66 2.24 -27.79	52.69 2.17 -28.79	71.27 2.33 -46.50	66.54 2.02 -44.71	52.50 1.95 -30.48	50.99 1.97 -29.11	50.92 2.67 -19.53	38.73 2.71 -7.18	38.52 2.68 -9.00
BABYLON__69_KV_BK2 356345	44.47 2.81 -15.63	36.79 2.66 -8.52	33.47 2.57 -4.91	31.60 2.36 -4.94	31.77 2.55 -3.24	27.37 2.19 0.02	29.82 2.55 -0.99	34.58 2.93 -1.46	38.12 3.05 -4.56	41.42 3.33 -5.16	49.87 3.34 -13.77	50.52 3.32 -14.66	51.76 3.30 -16.78	55.24 3.51 -18.29	52.75 2.84 -24.60	53.04 2.62 -27.79	53.08 2.56 -28.79	73.39 2.71 -48.24	69.56 2.28 -47.48	52.86 2.31 -30.48	51.38 2.37 -29.11	51.50 3.25 -19.53	39.28 3.26 -7.18	39.01 3.17 -9.00
BARON_WINDS____WT_PWR 323822	26.06 -0.08 -0.10	24.88 -0.51 0.22	25.15 -0.62 0.21	23.64 -0.68 -0.01	24.89 -0.65 0.44	24.68 -0.35 0.16	25.99 -0.24 0.05	29.70 -0.15 0.34	30.98 -0.12 -0.59	33.12 -0.20 -0.38	32.92 -0.10 -0.26	32.60 -0.13 -0.19	32.44 0.00 -0.75	34.01 -0.27 -0.84	29.12 0.56 -3.25	27.09 0.54 -3.92	28.12 0.52 -5.87	28.28 0.61 -5.24	25.52 0.50 -5.22	25.04 0.68 -4.28	24.40 0.52 -3.97	29.46 0.23 -0.51	28.75 -0.23 -0.14	26.82 -0.08 -0.06
BARRETT_IC_1 23704	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_10 23701	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_11 23702	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_12 23703	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_2 23705	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_3 23706	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_4 23707	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_5 23708	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_6 23709	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_7 23710	43.72 2.06 -15.63	36.05 1.92 -8.52	32.74 1.84 -4.91	30.92 1.68 -4.94	31.04 1.82 -3.24	26.76 1.59 0.02	29.13 1.87 -0.99	33.68 2.02 -1.46	37.17 2.11 -4.56	40.40 2.31 -5.16	48.79 2.26 -13.77	49.38 2.18 -14.66	50.62 2.15 -16.78	54.07 2.34 -18.29	51.88 1.97 -24.59	52.23 1.81 -27.79	52.29 1.78 -28.78	69.66 1.88 -45.34	64.21 1.54 -42.86	52.08 1.53 -30.47	50.50 1.49 -29.10	50.29 2.04 -19.52	38.30 2.28 -7.18	38.06 2.23 -9.00

BARRETT_IC_8 23711	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT_IC_9 23700	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT___1 23545	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BARRETT___2 23546	43.72 2.06 -15.63	35.98 1.84 -8.52	32.71 1.82 -4.91	30.90 1.65 -4.94	31.02 1.79 -3.24	26.59 1.41 0.02	28.97 1.71 -0.99	33.50 1.84 -1.46	37.08 2.01 -4.56	40.24 2.14 -5.16	48.72 2.20 -13.76	49.51 2.31 -14.66	50.59 2.12 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.27 1.76 -28.78	69.64 1.86 -45.34	64.29 1.62 -42.86	52.10 1.55 -30.47	50.54 1.53 -29.10	50.32 2.07 -19.52	38.18 2.16 -7.18	37.98 2.15 -9.00
BATAVIA___115KV_TB1 55881	26.41 0.34 -0.04	25.07 -0.23 0.30	25.18 -0.47 0.33	23.47 -0.66 0.18	24.69 -0.62 0.66	24.72 -0.25 0.22	25.85 -0.16 0.26	29.23 -0.18 0.78	30.53 0.06 0.04	32.42 -0.07 0.45	32.46 0.13 0.44	32.37 0.13 0.30	31.60 -0.03 0.05	33.13 -0.23 0.08	28.17 0.68 -2.17	25.93 0.68 -2.62	26.16 0.50 -3.93	26.55 0.61 -3.51	23.83 0.53 -3.49	23.52 0.78 -2.66	22.95 0.58 -2.47	29.24 0.20 -0.32	28.52 -0.40 -0.09	26.74 -0.13 -0.04
BAYONEEC___CTG1 323682	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG10 323750	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG2 323683	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG3 323684	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG4 323685	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG5 323686	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG6 323687	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG7 323688	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG8 323689	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25
BAYONEEC___CTG9 323749	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.59 1.65 -23.22	44.94 1.75 -20.76	41.89 1.43 -20.66	39.85 1.30 -18.47	38.35 1.29 -17.15	32.65 1.72 -2.21	31.02 1.56 -0.62	28.73 1.64 -0.25

BEACON___LESR 323632	28.39 1.22 -1.13	26.81 1.20 0.00	27.66 1.22 -0.46	27.65 1.14 -2.21	27.66 1.22 -0.46	26.30 1.11 0.00	29.51 1.18 -2.05	29.12 1.39 2.46	30.89 1.34 0.97	30.41 1.52 4.04	29.22 1.51 5.05	29.52 1.50 4.52	29.03 1.49 4.15	29.43 1.57 5.58	34.57 1.37 -7.89	28.31 1.29 -4.39	46.27 1.22 -23.33	65.38 1.21 -41.73	62.40 1.05 -41.54	58.36 1.04 -37.24	55.48 0.99 -34.58	34.61 1.44 -4.45	31.54 1.44 -1.25	28.72 1.37 -0.51
BEAVER RIVER___HYD 24048	26.35 0.31 0.00	25.86 0.26 0.00	26.16 0.18 0.00	24.55 0.24 0.00	26.32 0.34 0.00	25.65 0.45 0.00	26.83 0.55 0.00	30.95 0.76 0.00	31.03 0.52 0.00	33.56 0.62 0.00	33.38 0.62 0.00	33.13 0.59 0.00	32.23 0.54 0.00	33.87 0.43 0.00	25.42 0.10 0.00	22.63 0.00 0.00	21.73 0.00 0.00	22.34 -0.09 0.00	19.83 0.02 0.00	20.24 0.16 0.00	20.23 0.32 0.00	29.33 0.60 0.00	29.53 0.69 0.00	27.29 0.46 0.00
BEEBEE_GT_13 23619	26.16 0.10 -0.02	25.03 -0.26 0.32	25.20 -0.42 0.36	23.51 -0.56 0.23	24.72 -0.55 0.71	24.68 -0.28 0.24	25.77 -0.18 0.32	29.10 -0.21 0.88	30.31 0.00 0.20	32.21 -0.07 0.65	32.25 0.10 0.61	32.28 0.16 0.42	31.43 0.00 0.26	32.99 -0.13 0.31	27.57 0.38 -1.88	25.35 0.45 -2.27	25.44 0.30 -3.41	25.90 0.43 -3.04	23.21 0.38 -3.03	22.84 0.54 -2.22	22.39 0.42 -2.06	29.07 0.09 -0.27	28.54 -0.37 -0.07	26.65 -0.21 -0.03
BENSHRST_27_KV_BENSHRST_1 355998	28.58 1.98 -0.57	27.40 1.82 0.03	27.89 1.71 -0.19	26.92 1.56 -1.06	27.78 1.64 -0.16	26.79 1.61 0.02	29.13 1.87 -0.99	33.65 1.99 -1.46	37.08 2.01 -4.56	40.30 2.21 -5.16	39.09 2.16 -4.17	37.67 2.18 -2.94	39.86 2.34 -5.83	42.69 2.61 -6.64	40.31 2.15 -12.84	40.15 2.01 -15.51	47.01 2.06 -23.22	45.37 2.18 -20.76	42.21 1.74 -20.66	40.21 1.67 -18.47	38.71 1.65 -17.15	33.20 2.27 -2.21	31.65 2.19 -0.62	29.27 2.17 -0.26
BETHLEHEM___GRP 23843	27.94 0.78 -1.12	26.43 0.82 0.00	27.27 0.83 -0.46	27.29 0.80 -2.19	27.27 0.83 -0.46	25.93 0.73 0.00	29.07 0.76 -2.04	29.18 0.88 1.88	31.42 0.85 -0.06	31.29 0.92 2.56	30.01 0.92 3.67	29.98 0.88 3.44	30.01 0.86 2.53	30.73 0.94 3.64	35.70 0.78 -9.60	30.33 0.70 -7.00	47.82 0.65 -25.45	64.47 0.67 -41.37	61.54 0.55 -41.18	57.55 0.56 -36.91	54.72 0.54 -34.28	33.88 0.75 -4.41	30.92 0.84 -1.24	28.20 0.86 -0.51
BETHLEHEM___GS1 323560	27.97 0.81 -1.12	26.43 0.82 0.00	27.27 0.83 -0.46	27.27 0.78 -2.19	27.27 0.83 -0.46	25.90 0.70 0.00	29.08 0.76 -2.04	29.18 0.88 1.88	31.42 0.85 -0.06	31.29 0.92 2.56	30.01 0.92 3.67	30.01 0.91 3.44	30.01 0.86 2.53	30.73 0.93 3.64	35.72 0.81 -9.60	30.35 0.72 -7.00	47.85 0.67 -25.45	64.50 0.70 -41.37	61.56 0.57 -41.18	57.55 0.56 -36.91	54.74 0.56 -34.28	33.94 0.80 -4.41	30.95 0.86 -1.24	28.23 0.88 -0.51
BETHLEHEM___GS2 323561	27.97 0.81 -1.12	26.43 0.82 0.00	27.27 0.83 -0.46	27.27 0.78 -2.19	27.27 0.83 -0.46	25.90 0.70 0.00	29.08 0.76 -2.04	29.18 0.88 1.88	31.42 0.85 -0.06	31.29 0.92 2.56	30.01 0.92 3.67	30.01 0.91 3.44	30.01 0.86 2.53	30.73 0.93 3.64	35.72 0.81 -9.60	30.35 0.72 -7.00	47.85 0.67 -25.45	64.50 0.70 -41.37	61.56 0.57 -41.18	57.55 0.56 -36.91	54.74 0.56 -34.28	33.94 0.80 -4.41	30.95 0.86 -1.24	28.23 0.88 -0.51
BETHLEHEM___GS3 323562	27.97 0.81 -1.12	26.43 0.82 0.00	27.27 0.83 -0.46	27.27 0.78 -2.19	27.27 0.83 -0.46	25.90 0.70 0.00	29.08 0.76 -2.04	29.18 0.88 1.88	31.42 0.85 -0.06	31.29 0.92 2.56	30.01 0.92 3.67	30.01 0.91 3.44	30.01 0.86 2.53	30.73 0.93 3.64	35.72 0.81 -9.60	30.35 0.72 -7.00	47.85 0.67 -25.45	64.50 0.70 -41.37	61.56 0.57 -41.18	57.55 0.56 -36.91	54.74 0.56 -34.28	33.94 0.80 -4.41	30.95 0.86 -1.24	28.23 0.88 -0.51
BETHLEHEM___STEEL 23779	25.89 -0.21 -0.06	24.48 -0.85 0.28	24.64 -1.04 0.30	23.01 -1.17 0.13	24.21 -1.17 0.60	24.21 -0.78 0.20	25.31 -0.76 0.20	28.75 -0.78 0.66	30.11 -0.55 -0.14	32.03 -0.69 0.21	31.97 -0.56 0.24	31.86 -0.52 0.16	31.30 -0.57 -0.18	32.79 -0.84 -0.19	28.30 0.48 -2.51	26.20 0.54 -3.03	26.61 0.35 -4.54	26.91 0.43 -4.05	24.15 0.32 -4.03	23.82 0.58 -3.16	23.18 0.34 -2.93	28.90 -0.20 -0.38	28.20 -0.75 -0.11	26.48 -0.40 -0.04
BETHLHEM_115KV_TB1 79974	27.96 0.83 -1.10	26.48 0.87 0.00	27.31 0.88 -0.45	27.27 0.83 -2.13	27.31 0.88 -0.45	25.95 0.76 0.00	29.08 0.81 -1.99	29.50 0.91 1.59	31.93 0.92 -0.50	32.06 0.99 1.86	30.76 0.98 2.98	30.59 0.94 2.90	30.84 0.92 1.77	31.72 1.00 2.72	36.30 0.84 -10.15	31.40 0.77 -8.00	48.29 0.70 -25.87	63.54 0.72 -40.38	60.62 0.61 -40.20	56.72 0.60 -36.04	53.95 0.58 -33.46	33.86 0.83 -4.31	30.95 0.89 -1.21	28.25 0.91 -0.50
BETHPAGE_CC_5 323564	43.85 2.19 -15.63	36.13 2.00 -8.52	32.89 2.00 -4.91	31.04 1.80 -4.94	31.20 1.97 -3.24	26.71 1.54 0.02	29.13 1.87 -0.99	33.77 2.11 -1.46	37.39 2.32 -4.56	40.53 2.44 -5.16	48.95 2.42 -13.76	49.77 2.57 -14.66	50.84 2.38 -16.78	54.43 2.71 -18.29	52.19 2.28 -24.59	52.47 2.06 -27.79	52.51 2.00 -28.79	70.46 2.13 -45.90	65.37 1.82 -43.74	52.30 1.75 -30.48	50.77 1.75 -29.11	50.63 2.38 -19.53	38.41 2.39 -7.18	38.20 2.36 -9.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.86 -0.23 -0.06	24.43 -0.90 0.28	24.59 -1.09 0.29	22.97 -1.22 0.12	24.16 -1.22 0.60	24.16 -0.83 0.20	25.29 -0.79 0.20	28.73 -0.82 0.64	30.09 -0.58 -0.16	32.02 -0.72 0.19	31.99 -0.56 0.22	31.81 -0.59 0.15	31.29 -0.60 -0.20	32.82 -0.84 -0.21	28.41 0.56 -2.54	26.30 0.61 -3.06	26.73 0.41 -4.59	27.02 0.49 -4.10	24.24 0.36 -4.08	23.91 0.62 -3.21	23.24 0.36 -2.98	28.96 -0.14 -0.38	28.23 -0.72 -0.11	26.50 -0.38 -0.04
BINGHAMTON___COGEN 23790	26.35 0.13 -0.19	25.41 -0.08 0.13	25.81 -0.10 0.07	24.44 -0.12 -0.25	25.65 -0.13 0.21	25.08 -0.03 0.09	26.61 0.13 -0.20	30.52 0.18 -0.15	32.11 0.21 -1.38	34.58 0.23 -1.42	34.14 0.26 -1.11	33.59 0.26 -0.79	33.68 0.22 -1.77	35.65 0.20 -2.01	30.67 0.58 -4.78	29.03 0.63 -5.77	30.91 0.56 -8.62	30.75 0.63 -7.69	28.00 0.53 -7.66	27.28 0.64 -6.56	26.55 0.56 -6.09	30.02 0.52 -0.78	29.29 0.23 -0.22	27.20 0.27 -0.09
BIXINCNT_115KV_LOAD 355685	25.56 -0.55 -0.07	24.11 -1.23 0.27	24.33 -1.38 0.28	22.75 -1.46 0.10	23.96 -1.45 0.57	23.97 -1.03 0.19	25.18 -0.92 0.17	28.67 -0.94 0.59	29.99 -0.76 -0.24	32.00 -0.86 0.08	31.91 -0.72 0.13	31.68 -0.78 0.09	31.20 -0.79 -0.31	32.77 -1.00 -0.34	28.55 0.56 -2.68	26.38 0.52 -3.23	26.90 0.33 -4.85	27.17 0.40 -4.33	24.36 0.26 -4.30	24.02 0.52 -3.42	23.36 0.28 -3.17	28.99 -0.14 -0.41	28.18 -0.78 -0.12	26.40 -0.48 -0.05
BLACK RIVER___HYD 24047	26.45 0.42 0.00	25.92 0.31 0.00	26.21 0.23 0.00	24.60 0.29 0.00	26.40 0.41 0.00	25.75 0.55 0.00	27.01 0.73 0.00	31.25 1.06 0.00	31.24 0.73 0.00	33.82 0.89 0.00	33.65 0.88 0.00	33.42 0.88 0.00	32.48 0.79 0.00	34.14 0.70 0.00	25.64 0.33 0.00	22.90 0.27 0.00	21.99 0.26 0.00	22.70 0.27 0.00	20.18 0.38 0.00	20.70 0.62 0.00	20.68 0.78 0.00	29.76 1.03 0.00	29.79 0.95 0.00	27.51 0.67 0.00

BLACKRVR_115KV_TB2 79977	26.45 0.42 0.00	25.89 0.28 0.00	26.19 0.21 0.00	24.60 0.29 0.00	26.40 0.42 0.00	25.72 0.53 0.00	27.01 0.74 0.00	31.28 1.09 0.00	31.28 0.76 0.00	33.82 0.89 0.00	33.65 0.88 0.00	33.42 0.88 0.00	32.48 0.79 0.00	34.14 0.70 0.00	25.64 0.33 0.00	22.90 0.27 0.00	21.99 0.26 0.00	22.70 0.27 0.00	20.18 0.38 0.00	20.70 0.62 0.00	20.68 0.78 0.00	29.76 1.03 0.00	29.79 0.95 0.00	27.51 0.67 0.00
BLISS_WT_PWR 323608	25.56 -0.55 -0.07	24.14 -1.20 0.27	24.35 -1.35 0.28	22.80 -1.41 0.10	24.01 -1.40 0.57	24.02 -0.98 0.19	25.24 -0.87 0.17	28.76 -0.85 0.59	29.96 -0.79 -0.24	31.94 -0.92 0.08	31.88 -0.75 0.13	31.55 -0.91 0.08	31.58 -0.41 -0.31	32.74 -1.04 -0.34	28.45 0.46 -2.68	26.18 0.32 -3.23	26.81 0.24 -4.84	27.09 0.34 -4.32	24.23 0.12 -4.30	23.87 0.38 -3.42	23.26 0.18 -3.17	28.82 -0.32 -0.41	28.09 -0.86 -0.12	26.35 -0.54 -0.05
BLUE_CIRC_CHEM_DRP 24182	28.18 1.17 -0.97	26.76 1.15 0.00	27.60 1.22 -0.40	27.34 1.14 -1.90	27.60 1.22 -0.40	26.25 1.06 0.00	29.18 1.13 -1.77	30.89 1.27 0.57	33.79 1.28 -2.00	34.88 1.38 -0.56	33.55 1.38 0.59	32.90 1.33 0.98	33.80 1.27 -0.85	35.25 1.34 -0.47	38.14 1.11 -11.72	34.76 1.00 -11.14	49.12 0.91 -26.48	59.23 0.94 -35.85	56.30 0.81 -35.68	52.88 0.82 -31.98	50.42 0.82 -29.69	33.69 1.15 -3.82	31.10 1.18 -1.08	28.46 1.18 -0.44
BOC_GAS_DRP 24189	27.87 0.89 -0.95	26.51 0.90 0.00	27.30 0.94 -0.39	27.03 0.88 -1.85	27.30 0.94 -0.39	26.00 0.81 0.00	28.90 0.89 -1.73	31.20 1.00 -0.01	34.51 1.01 -2.99	36.06 1.09 -2.04	34.65 1.08 -0.81	33.71 1.04 -0.12	35.16 1.01 -2.46	36.95 1.10 -2.41	39.50 0.94 -13.25	37.07 0.86 -13.58	50.71 0.78 -28.20	58.19 0.83 -34.93	55.26 0.69 -34.77	51.93 0.70 -31.15	49.51 0.68 -28.93	33.39 0.95 -3.72	30.84 0.95 -1.05	28.26 0.99 -0.43
BOONVILLE_115KV_TB1 79983	26.49 0.47 0.01	25.94 0.38 0.05	26.28 0.36 0.07	24.63 0.39 0.07	26.35 0.49 0.12	25.69 0.53 0.04	26.88 0.68 0.08	31.00 1.00 0.18	31.19 0.82 0.15	33.82 1.12 0.24	33.67 1.11 0.21	33.51 1.11 0.14	32.55 1.05 0.19	34.26 1.04 0.22	26.12 0.81 0.00	23.33 0.70 0.00	22.42 0.70 0.00	23.04 0.61 0.00	20.38 0.57 0.00	20.70 0.62 0.00	20.60 0.70 0.00	29.61 0.89 0.00	29.65 0.81 0.00	27.48 0.64 0.00
BORALEX_4TH_BRANCH 23824	29.06 1.69 -1.33	27.25 1.64 0.00	28.21 1.69 -0.54	28.46 1.56 -2.59	28.19 1.66 -0.54	26.73 1.54 0.00	30.63 1.76 -2.60	44.28 1.93 -12.16	59.11 1.98 -26.62	69.90 2.21 -34.76	65.68 2.16 -30.75	57.81 2.15 -23.12	72.16 2.09 -38.38	80.65 2.21 -45.00	85.16 1.80 -58.04	101.97 1.65 -77.69	114.79 1.52 -91.54	73.07 1.59 -49.05	70.01 1.39 -48.82	65.25 1.38 -43.79	61.92 1.35 -40.66	35.85 1.90 -5.23	32.16 1.85 -1.48	29.27 1.83 -0.60
BOWLINE___1 23526	27.90 1.33 -0.54	26.78 1.20 0.03	27.36 1.20 -0.19	26.40 1.07 -1.03	27.30 1.17 -0.15	26.26 1.08 0.02	28.60 1.37 -0.96	33.08 1.48 -1.42	36.45 1.52 -4.41	39.58 1.65 -5.00	38.37 1.57 -4.04	36.99 1.59 -2.85	38.89 1.55 -5.65	41.54 1.67 -6.43	39.26 1.49 -12.45	39.02 1.36 -15.03	45.59 1.35 -22.51	44.00 1.44 -20.13	41.01 1.17 -20.04	39.09 1.10 -17.91	37.65 1.11 -16.63	32.38 1.52 -2.14	30.83 1.38 -0.60	28.50 1.42 -0.25
BOWLINE___2 23595	27.90 1.33 -0.54	26.81 1.23 0.03	27.36 1.20 -0.19	26.40 1.07 -1.03	27.30 1.17 -0.15	26.26 1.08 0.02	28.60 1.37 -0.96	33.11 1.51 -1.42	36.48 1.56 -4.41	39.61 1.68 -5.00	38.40 1.60 -4.04	37.02 1.63 -2.85	38.92 1.58 -5.65	41.61 1.74 -6.44	39.28 1.52 -12.45	39.04 1.38 -15.03	45.61 1.37 -22.51	44.04 1.48 -20.13	41.05 1.21 -20.04	39.13 1.14 -17.91	37.67 1.13 -16.63	32.38 1.52 -2.14	30.83 1.38 -0.60	28.50 1.42 -0.25
BRADY___115KV_TB2 356060	26.24 0.21 0.00	25.89 0.28 0.00	26.19 0.21 0.00	24.57 0.27 0.00	26.32 0.34 0.00	25.57 0.38 0.00	26.48 0.21 0.00	30.43 0.24 0.00	30.60 0.09 0.00	33.07 0.13 0.00	32.89 0.13 0.00	32.64 0.10 0.00	31.78 0.10 0.00	33.44 0.00 0.00	24.93 -0.38 0.00	21.99 -0.63 0.00	21.16 -0.56 0.00	21.54 -0.90 0.00	19.07 -0.73 0.00	19.31 -0.76 0.00	19.27 -0.64 0.00	28.64 -0.09 0.00	29.16 0.32 0.00	27.02 0.19 0.00
BRANSCOMB___SOLAR 323811	29.40 1.77 -1.59	27.27 1.66 0.00	28.34 1.71 -0.65	28.99 1.58 -3.10	28.34 1.71 -0.65	26.78 1.59 0.00	31.07 1.73 -3.07	42.95 1.96 -10.79	57.46 2.01 -24.93	66.88 2.21 -31.74	62.50 2.10 -27.64	55.22 2.11 -20.57	68.88 2.06 -35.13	76.60 2.17 -40.99	84.26 1.62 -57.32	98.96 1.43 -74.91	116.76 1.41 -93.62	82.50 1.41 -58.66	79.52 1.33 -58.39	73.87 1.40 -52.39	69.94 1.39 -48.64	36.94 1.95 -6.26	32.45 1.85 -1.77	29.28 1.72 -0.72
BRENTWOD_69_KV_W. BRTWOOD 56703	44.37 2.71 -15.63	36.69 2.56 -8.52	33.36 2.47 -4.91	31.51 2.26 -4.94	31.67 2.44 -3.24	27.21 2.04 0.02	29.66 2.39 -0.99	34.40 2.75 -1.46	37.91 2.84 -4.56	41.19 3.10 -5.16	49.67 3.15 -13.77	50.33 3.12 -14.66	51.51 3.04 -16.78	54.90 3.18 -18.29	52.49 2.58 -24.60	52.82 2.40 -27.79	52.86 2.35 -28.79	73.24 2.51 -48.29	69.47 2.10 -47.57	52.66 2.11 -30.48	51.27 2.25 -29.11	51.33 3.07 -19.53	39.10 3.09 -7.18	38.90 3.06 -9.00
BRISTLHL_115KV_TB1 79998	25.55 -0.55 -0.06	25.01 -0.64 -0.04	25.38 -0.68 -0.07	23.81 -0.66 -0.16	25.43 -0.68 -0.12	24.65 -0.58 -0.03	25.94 -0.50 -0.16	29.94 -0.54 -0.30	30.52 -0.55 -0.56	33.07 -0.56 -0.70	32.81 -0.52 -0.57	32.46 -0.49 -0.40	31.90 -0.51 -0.72	33.69 -0.57 -0.82	26.32 -0.23 -1.23	24.01 -0.11 -1.49	23.86 -0.11 -2.24	24.30 -0.13 -2.00	21.72 -0.08 -1.99	20.08 0.00 0.00	19.89 -0.02 0.00	28.44 -0.29 0.00	28.35 -0.49 0.00	26.38 -0.46 0.00
BROOKHAVEN___DRP 24191	44.45 2.79 -15.63	36.82 2.69 -8.52	33.49 2.60 -4.91	31.60 2.36 -4.94	31.77 2.55 -3.24	27.34 2.17 0.02	29.82 2.55 -0.99	34.52 2.87 -1.46	38.03 2.96 -4.56	41.29 3.19 -5.16	49.84 3.31 -13.77	50.42 3.22 -14.66	51.76 3.30 -16.78	55.27 3.54 -18.29	52.77 2.86 -24.60	53.09 2.67 -27.79	53.12 2.61 -28.78	83.35 2.78 -58.13	85.41 2.34 -63.26	52.94 2.39 -30.47	51.41 2.39 -29.11	51.53 3.27 -19.54	39.30 3.29 -7.18	39.04 3.19 -9.01
BROOKLYN_NAVY_YARD 23515	28.15 1.56 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.46 1.32 -0.16	26.46 1.28 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.76 1.83 -4.17	37.40 1.92 -2.94	39.42 1.90 -5.83	42.19 2.11 -6.64	39.95 1.80 -12.84	39.78 1.65 -15.50	46.62 1.67 -23.22	44.94 1.75 -20.76	41.91 1.45 -20.66	39.85 1.30 -18.47	38.37 1.31 -17.15	32.65 1.72 -2.21	31.05 1.59 -0.62	28.76 1.66 -0.25
BROOKLYN___ARMY_DRP 323595	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26

BROOKVLE_69_KV_TB1 55790	43.67 2.00 -15.63	36.00 1.87 -8.52	32.82 1.92 -4.91	31.00 1.75 -4.94	31.10 1.87 -3.24	26.86 1.69 0.02	29.29 2.02 -0.99	33.95 2.29 -1.46	37.36 2.29 -4.56	40.63 2.54 -5.16	49.08 2.56 -13.77	49.74 2.54 -14.66	51.03 2.57 -16.78	54.50 2.78 -18.29	52.24 2.33 -24.59	52.57 2.15 -27.79	52.60 2.09 -28.78	70.13 2.20 -45.50	64.71 1.80 -43.11	52.34 1.79 -30.47	50.76 1.75 -29.10	50.63 2.38 -19.53	38.30 2.28 -7.18	38.06 2.23 -9.00
BROOME_2_LFGE 323671	26.38 0.16 -0.19	25.41 -0.08 0.13	25.83 -0.08 0.07	24.44 -0.12 -0.25	25.70 -0.08 0.21	25.10 0.00 0.09	26.61 0.13 -0.20	30.56 0.21 -0.15	32.11 0.22 -1.38	34.58 0.23 -1.41	34.13 0.26 -1.11	33.59 0.26 -0.79	33.77 0.32 -1.77	35.65 0.20 -2.01	30.64 0.56 -4.77	28.95 0.57 -5.76	30.89 0.54 -8.62	30.73 0.61 -7.69	27.98 0.51 -7.66	27.24 0.60 -6.56	26.53 0.54 -6.09	29.96 0.46 -0.78	29.26 0.20 -0.22	27.17 0.24 -0.09
BROOME___LFGE 323600	26.38 0.16 -0.19	25.41 -0.08 0.13	25.83 -0.08 0.07	24.44 -0.12 -0.25	25.70 -0.08 0.21	25.10 0.00 0.09	26.61 0.13 -0.20	30.56 0.21 -0.15	32.11 0.22 -1.38	34.58 0.23 -1.41	34.13 0.26 -1.11	33.59 0.26 -0.79	33.77 0.32 -1.77	35.65 0.20 -2.01	30.64 0.56 -4.77	28.95 0.57 -5.76	30.89 0.54 -8.62	30.73 0.61 -7.69	27.98 0.51 -7.66	27.24 0.60 -6.56	26.53 0.54 -6.09	29.96 0.46 -0.78	29.26 0.20 -0.22	27.17 0.24 -0.09
BROWNFLS_115KV_TB_3_5 80003	26.22 0.18 0.00	25.79 0.18 0.00	26.11 0.13 0.00	24.50 0.19 0.00	26.27 0.29 0.00	25.55 0.35 0.00	26.62 0.34 0.00	30.67 0.48 0.00	30.76 0.24 0.00	33.23 0.30 0.00	33.06 0.29 0.00	32.80 0.26 0.00	31.91 0.22 0.00	33.54 0.10 0.00	25.04 -0.28 0.00	22.18 -0.45 0.00	21.29 -0.43 0.00	21.78 -0.65 0.00	19.31 -0.50 0.00	19.64 -0.44 0.00	19.65 -0.26 0.00	28.92 0.20 0.00	29.30 0.46 0.00	27.10 0.27 0.00
BROWNSV1_27_KV_LOAD 356125	28.39 1.80 -0.56	27.22 1.64 0.03	27.76 1.58 -0.19	26.80 1.43 -1.06	27.67 1.53 -0.16	26.71 1.54 0.02	29.13 1.87 -0.99	33.71 2.05 -1.46	37.17 2.11 -4.55	40.44 2.34 -5.16	39.19 2.26 -4.17	37.73 2.25 -2.94	39.83 2.31 -5.83	42.62 2.54 -6.64	40.31 2.15 -12.84	40.13 1.99 -15.51	46.92 1.98 -23.22	45.28 2.09 -20.76	42.15 1.68 -20.66	40.15 1.61 -18.47	38.65 1.59 -17.15	33.06 2.13 -2.21	31.48 2.02 -0.62	29.10 2.01 -0.25
BURROWS___LYONSDAL 23803	26.47 0.44 0.01	25.92 0.36 0.05	26.23 0.31 0.06	24.61 0.36 0.06	26.31 0.44 0.11	25.66 0.50 0.03	26.86 0.66 0.07	30.96 0.94 0.16	31.15 0.76 0.13	33.71 0.99 0.21	33.60 1.02 0.18	33.39 0.98 0.13	32.44 0.92 0.17	34.15 0.90 0.19	25.95 0.63 0.00	23.17 0.54 0.00	22.25 0.52 0.00	22.88 0.45 0.00	20.24 0.44 0.00	20.60 0.52 0.00	20.51 0.60 0.00	29.53 0.80 0.00	29.62 0.78 0.00	27.43 0.59 0.00
CAITHNESS_CC_1 323624	44.34 2.68 -15.63	36.57 2.43 -8.52	33.31 2.42 -4.91	31.41 2.16 -4.94	31.61 2.39 -3.24	26.99 1.82 0.02	29.45 2.18 -0.99	34.13 2.48 -1.46	37.72 2.65 -4.56	40.86 2.77 -5.16	49.31 2.78 -13.76	50.13 2.93 -14.66	51.28 2.82 -16.78	54.94 3.21 -18.29	52.56 2.66 -24.59	52.81 2.40 -27.79	52.84 2.33 -28.78	82.94 2.45 -58.06	85.06 2.10 -63.16	52.63 2.07 -30.48	51.17 2.15 -29.11	51.16 2.90 -19.54	39.02 3.00 -7.18	38.82 2.98 -9.01
CALPINE BETH_PAGE_GT4 24209	43.90 2.24 -15.63	36.23 2.10 -8.52	32.95 2.05 -4.91	31.12 1.87 -4.94	31.23 2.00 -3.24	26.94 1.76 0.02	29.34 2.08 -0.99	34.01 2.35 -1.46	37.51 2.44 -4.56	40.80 2.70 -5.16	49.15 2.62 -13.77	49.80 2.60 -14.66	51.10 2.63 -16.78	54.57 2.84 -18.29	52.26 2.35 -24.60	52.61 2.19 -27.79	52.64 2.13 -28.79	70.54 2.27 -45.84	65.33 1.88 -43.65	52.42 1.87 -30.48	50.86 1.85 -29.10	50.78 2.53 -19.53	38.56 2.54 -7.18	38.31 2.47 -9.00
CALPINE_BETH_PAGE_GT_4 323586	43.87 2.21 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.07 1.82 -4.94	31.20 1.97 -3.24	26.74 1.56 0.02	29.16 1.89 -0.99	33.80 2.14 -1.46	37.42 2.35 -4.56	40.60 2.50 -5.16	49.02 2.49 -13.76	49.84 2.63 -14.66	50.94 2.47 -16.78	54.50 2.77 -18.29	52.26 2.35 -24.59	52.54 2.13 -27.79	52.58 2.07 -28.79	70.44 2.18 -45.84	65.33 1.88 -43.65	52.34 1.79 -30.48	50.80 1.79 -29.10	50.69 2.44 -19.53	38.44 2.42 -7.18	38.23 2.39 -9.00
CALPINE_BP_GT1 23823	43.87 2.21 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.07 1.82 -4.94	31.20 1.97 -3.24	26.74 1.56 0.02	29.16 1.89 -0.99	33.80 2.14 -1.46	37.42 2.35 -4.56	40.60 2.50 -5.16	49.02 2.49 -13.76	49.84 2.63 -14.66	50.94 2.47 -16.78	54.50 2.77 -18.29	52.26 2.35 -24.59	52.54 2.13 -27.79	52.58 2.07 -28.79	70.44 2.18 -45.84	65.33 1.88 -43.65	52.34 1.79 -30.48	50.80 1.79 -29.10	50.69 2.44 -19.53	38.44 2.42 -7.18	38.23 2.39 -9.00
CALSPAN___DRP 24200	25.89 -0.21 -0.06	24.48 -0.85 0.28	24.64 -1.04 0.30	23.01 -1.17 0.13	24.21 -1.17 0.60	24.21 -0.78 0.20	25.31 -0.76 0.20	28.75 -0.78 0.66	30.11 -0.55 -0.14	32.03 -0.69 0.21	31.97 -0.56 0.24	31.86 -0.52 0.16	31.30 -0.57 -0.18	32.79 -0.84 -0.19	28.30 0.48 -2.51	26.20 0.54 -3.03	26.61 0.35 -4.54	26.91 0.43 -4.05	24.15 0.32 -4.03	23.82 0.58 -3.16	23.18 0.34 -2.93	28.90 -0.20 -0.38	28.20 -0.75 -0.11	26.48 -0.40 -0.04
CALVERTON___SOLAR 323806	44.60 2.94 -15.63	36.79 2.66 -8.52	33.57 2.68 -4.91	31.65 2.41 -4.94	31.85 2.62 -3.24	27.21 2.04 0.02	29.68 2.42 -0.99	34.40 2.75 -1.46	38.06 2.99 -4.56	41.23 3.13 -5.16	49.70 3.18 -13.76	50.49 3.29 -14.66	51.66 3.20 -16.78	55.34 3.61 -18.29	52.87 2.96 -24.59	53.08 2.67 -27.79	53.10 2.58 -28.79	83.28 2.69 -58.16	85.43 2.32 -63.31	52.87 2.31 -30.48	51.41 2.39 -29.11	51.53 3.27 -19.54	39.36 3.34 -7.18	39.11 3.27 -9.01
CANDIGU_WT_PWR 323617	26.06 -0.08 -0.10	24.88 -0.51 0.22	25.15 -0.62 0.21	23.64 -0.68 -0.01	24.89 -0.65 0.44	24.68 -0.35 0.16	25.99 -0.24 0.05	29.70 -0.15 0.34	30.98 -0.12 -0.59	33.12 -0.20 -0.38	32.92 -0.10 -0.26	32.60 -0.13 -0.19	32.44 0.00 -0.75	34.01 -0.27 -0.84	29.12 0.56 -3.25	27.09 0.54 -3.92	28.12 0.52 -5.87	28.28 0.61 -5.24	25.52 0.50 -5.22	25.04 0.68 -4.28	24.40 0.52 -3.97	29.46 0.23 -0.51	28.75 -0.23 -0.14	26.82 -0.08 -0.06
CARR STREET_E._SYR 24060	25.67 -0.39 -0.03	24.91 -0.51 0.19	25.23 -0.55 0.21	23.66 -0.53 0.11	25.02 -0.55 0.42	24.63 -0.43 0.14	25.72 -0.39 0.16	29.22 -0.48 0.48	30.01 -0.49 0.01	32.17 -0.49 0.27	32.04 -0.46 0.26	31.94 -0.42 0.18	31.23 -0.44 0.02	32.91 -0.50 0.03	26.59 -0.13 -1.40	24.32 0.00 -1.69	24.23 -0.02 -2.53	24.64 -0.04 -2.26	22.09 0.04 -2.24	21.78 0.14 -1.56	21.47 0.12 -1.45	28.71 -0.20 -0.19	28.49 -0.40 -0.05	26.48 -0.38 -0.02
CARTHAGE___PAPER 23857	26.40 0.36 0.00	25.89 0.28 0.00	26.19 0.21 0.00	24.57 0.27 0.00	26.37 0.39 0.00	25.70 0.50 0.00	26.90 0.63 0.00	31.09 0.90 0.00	31.12 0.61 0.00	33.66 0.72 0.00	33.48 0.72 0.00	33.26 0.72 0.00	32.32 0.63 0.00	33.94 0.50 0.00	25.42 0.10 0.00	22.65 0.02 0.00	21.75 0.02 0.00	22.43 0.00 0.00	19.93 0.12 0.00	20.40 0.32 0.00	20.38 0.48 0.00	29.50 0.78 0.00	29.65 0.81 0.00	27.37 0.54 0.00

CASSADAGA_WT_PWR 323784	26.26 0.16 -0.07	24.85 -0.49 0.27	25.05 -0.65 0.28	23.35 -0.85 0.10	24.60 -0.81 0.58	24.62 -0.38 0.20	25.83 -0.26 0.18	29.52 -0.06 0.61	30.85 0.12 -0.22	32.92 0.10 0.11	32.74 0.13 0.16	32.51 0.07 0.10	32.28 0.32 -0.28	33.47 -0.27 -0.30	28.78 0.83 -2.63	26.51 0.70 -3.18	27.06 0.56 -4.76	27.27 0.58 -4.25	24.38 0.34 -4.23	24.05 0.60 -3.37	23.41 0.38 -3.13	29.01 -0.11 -0.40	28.32 -0.63 -0.11	26.53 -0.35 -0.05
CE_DUNWOOD___DRP 24194	28.10 1.51 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.60 1.24 -1.06	27.49 1.35 -0.16	26.46 1.28 0.02	28.87 1.60 -0.99	33.37 1.72 -1.46	36.83 1.77 -4.55	40.03 1.94 -5.15	38.82 1.90 -4.16	37.37 1.89 -2.93	39.40 1.90 -5.82	42.14 2.07 -6.63	39.93 1.80 -12.81	39.78 1.67 -15.47	46.52 1.63 -23.17	44.87 1.73 -20.71	41.83 1.41 -20.62	39.87 1.37 -18.43	38.38 1.35 -17.11	32.74 1.81 -2.20	31.16 1.70 -0.62	28.78 1.69 -0.25
CE_MILLWOOD___DRP 24193	28.05 1.46 -0.55	26.94 1.36 0.03	27.50 1.33 -0.19	26.57 1.22 -1.05	27.44 1.30 -0.16	26.41 1.23 0.02	28.78 1.52 -0.99	33.31 1.66 -1.45	36.75 1.71 -4.53	39.91 1.84 -5.13	38.74 1.83 -4.14	37.26 1.79 -2.92	39.29 1.81 -5.79	42.01 1.97 -6.60	39.78 1.70 -12.77	39.63 1.58 -15.41	46.35 1.54 -23.08	44.73 1.66 -20.63	41.67 1.33 -20.54	39.74 1.31 -18.36	38.25 1.29 -17.05	32.64 1.72 -2.19	31.07 1.61 -0.62	28.73 1.64 -0.25
CE_NYC2_DRP 24202	28.32 1.72 -0.57	27.17 1.59 0.03	27.68 1.51 -0.19	26.73 1.36 -1.06	27.59 1.45 -0.16	26.61 1.44 0.02	29.00 1.73 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.90 1.97 -4.17	37.47 1.99 -2.94	39.61 2.09 -5.83	42.42 2.34 -6.64	40.11 1.95 -12.84	39.97 1.83 -15.51	46.77 1.83 -23.22	45.14 1.95 -20.76	42.01 1.54 -20.66	40.01 1.47 -18.47	38.51 1.45 -17.15	32.91 1.98 -2.21	31.36 1.90 -0.62	29.00 1.91 -0.26
CE_NYC_DRP 24195	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.93 1.86 -4.55	40.14 2.04 -5.16	38.93 2.00 -4.17	37.47 1.99 -2.94	39.54 2.03 -5.83	42.32 2.24 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.70 1.76 -23.22	45.07 1.88 -20.76	41.95 1.49 -20.66	39.97 1.43 -18.47	38.47 1.41 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
CHAFFEE___LFGE 323603	25.94 -0.16 -0.06	24.57 -0.77 0.27	24.73 -0.96 0.29	23.05 -1.14 0.11	24.28 -1.12 0.59	24.26 -0.73 0.20	25.38 -0.71 0.19	28.93 -0.64 0.62	30.12 -0.58 -0.19	32.13 -0.66 0.14	32.05 -0.53 0.18	31.87 -0.55 0.12	31.65 -0.29 -0.25	32.93 -0.77 -0.26	28.44 0.53 -2.59	26.30 0.54 -3.13	26.87 0.46 -4.69	27.16 0.54 -4.19	24.31 0.34 -4.17	23.97 0.60 -3.29	23.32 0.36 -3.05	28.92 -0.20 -0.39	28.26 -0.69 -0.11	26.53 -0.35 -0.05
CHATEAUG_35_KV_LOAD 355732	25.85 -0.18 0.00	25.51 -0.10 0.00	25.82 -0.16 0.00	24.21 -0.10 0.00	25.98 0.00 0.00	25.25 0.05 0.00	26.22 -0.05 0.00	30.22 0.03 0.00	30.33 -0.18 0.00	32.54 -0.40 0.00	32.30 -0.46 0.00	32.22 -0.33 0.00	31.31 -0.38 0.00	33.10 -0.33 0.00	24.71 -0.61 0.00	21.97 -0.66 0.00	21.21 -0.52 0.00	21.94 -0.49 0.00	19.41 -0.40 0.00	19.64 -0.44 0.00	19.69 -0.22 0.00	28.72 0.00 0.00	29.04 0.20 0.00	26.92 0.08 0.00
CHATEAUG_WT_PWR 323614	25.83 -0.21 0.00	25.48 -0.13 0.00	25.80 -0.18 0.00	24.18 -0.12 0.00	25.93 -0.05 0.00	25.25 0.05 0.00	26.25 -0.03 0.00	30.22 0.03 0.00	30.30 -0.21 0.00	32.47 -0.46 0.00	32.24 -0.53 0.00	32.16 -0.39 0.00	31.31 -0.38 0.00	33.10 -0.33 0.00	24.68 -0.63 0.00	21.97 -0.66 0.00	21.18 -0.54 0.00	21.94 -0.49 0.00	19.39 -0.42 0.00	19.64 -0.44 0.00	19.69 -0.22 0.00	28.72 0.00 0.00	29.04 0.20 0.00	26.92 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	25.83 -0.21 0.00	25.48 -0.13 0.00	25.83 -0.15 0.00	24.21 -0.10 0.00	25.95 -0.03 0.00	25.25 0.05 0.00	26.22 -0.05 0.00	30.19 0.00 0.00	30.33 -0.18 0.00	32.54 -0.39 0.00	32.34 -0.43 0.00	32.22 -0.33 0.00	31.37 -0.32 0.00	33.17 -0.27 0.00	24.71 -0.61 0.00	22.00 -0.63 0.00	21.21 -0.52 0.00	21.94 -0.49 0.00	19.41 -0.40 0.00	19.64 -0.44 0.00	19.69 -0.22 0.00	28.75 0.03 0.00	29.04 0.20 0.00	26.92 0.08 0.00
CHAUTAUQUA___LFGE 323629	26.20 0.10 -0.06	24.82 -0.51 0.27	25.02 -0.68 0.29	23.32 -0.87 0.11	24.56 -0.83 0.59	24.57 -0.43 0.20	25.74 -0.34 0.19	29.36 -0.21 0.62	30.61 -0.09 -0.19	32.66 -0.13 0.15	32.54 -0.03 0.19	32.32 -0.10 0.13	32.02 0.10 -0.24	33.33 -0.37 -0.26	28.64 0.73 -2.59	26.41 0.66 -3.12	26.97 0.56 -4.68	27.26 0.65 -4.18	24.36 0.40 -4.16	24.05 0.68 -3.29	23.40 0.44 -3.05	29.09 -0.03 -0.39	28.43 -0.52 -0.11	26.67 -0.22 -0.05
CHERRYST_13_KV_LD 356241	28.26 1.67 -0.56	27.11 1.54 0.03	27.65 1.48 -0.19	26.70 1.34 -1.06	27.57 1.43 -0.16	26.58 1.41 0.02	29.03 1.76 -0.99	33.62 1.96 -1.46	37.08 2.01 -4.55	40.30 2.21 -5.16	39.06 2.13 -4.17	37.63 2.15 -2.94	39.70 2.19 -5.83	42.52 2.44 -6.64	40.21 2.05 -12.84	40.03 1.90 -15.51	46.83 1.89 -23.22	45.16 1.97 -20.76	42.03 1.56 -20.66	40.03 1.49 -18.47	38.53 1.47 -17.15	32.91 1.98 -2.21	31.31 1.85 -0.62	28.94 1.85 -0.25
CHESTROR_138KV_BK263 355645	27.78 1.22 -0.52	26.70 1.13 0.03	27.27 1.12 -0.17	26.31 1.02 -0.98	27.19 1.07 -0.14	26.21 1.03 0.02	28.45 1.26 -0.92	32.90 1.36 -1.35	36.16 1.43 -4.22	39.26 1.55 -4.78	38.09 1.47 -3.85	36.73 1.46 -2.72	38.54 1.46 -5.40	41.19 1.61 -6.15	38.62 1.39 -11.91	38.33 1.31 -14.39	44.53 1.26 -21.54	43.06 1.37 -19.26	40.10 1.13 -19.17	38.31 1.10 -17.13	36.89 1.08 -15.91	32.21 1.44 -2.05	30.77 1.36 -0.58	28.41 1.34 -0.24
CH_MIDHUDSON___DRP 24192	28.15 1.54 -0.58	27.04 1.46 0.03	27.64 1.45 -0.20	26.71 1.31 -1.10	27.55 1.40 -0.17	26.51 1.34 0.02	28.90 1.60 -1.03	33.43 1.72 -1.52	37.05 1.83 -4.71	40.25 1.98 -5.34	39.00 1.93 -4.31	37.47 1.89 -3.04	39.58 1.87 -6.02	42.34 2.04 -6.86	40.27 1.70 -13.26	40.22 1.58 -16.01	47.19 1.50 -23.97	45.48 1.62 -21.43	42.49 1.35 -21.34	40.48 1.33 -19.08	38.92 1.29 -17.71	32.73 1.72 -2.28	31.15 1.67 -0.64	28.76 1.66 -0.26
CH_MISC_IPPS 23765	28.35 1.74 -0.57	27.22 1.64 0.03	27.79 1.61 -0.20	26.82 1.43 -1.08	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.76 -1.01	33.62 1.93 -1.49	37.19 2.04 -4.63	40.43 2.24 -5.25	39.13 2.13 -4.24	37.65 2.11 -2.99	39.68 2.06 -5.93	42.44 2.24 -6.76	40.17 1.80 -13.06	40.07 1.67 -15.77	46.97 1.63 -23.62	45.29 1.73 -21.13	42.33 1.49 -21.03	40.31 1.43 -18.81	38.78 1.41 -17.46	32.81 1.84 -2.25	31.20 1.73 -0.63	28.84 1.74 -0.26
CH_RES_BVR_FALLS 23983	25.33 -0.70 0.00	24.99 -0.61 0.00	25.36 -0.62 0.00	23.79 -0.51 0.00	25.49 -0.49 0.00	24.77 -0.43 0.00	25.75 -0.53 0.00	29.62 -0.57 0.00	29.96 -0.55 0.00	32.37 -0.56 0.00	32.24 -0.53 0.00	32.06 -0.49 0.00	31.24 -0.44 0.00	32.97 -0.47 0.00	24.76 -0.56 0.00	22.06 -0.56 0.00	21.23 -0.50 0.00	21.85 -0.58 0.00	19.31 -0.49 0.00	19.54 -0.54 0.00	19.37 -0.54 0.00	28.18 -0.55 0.00	28.41 -0.43 0.00	26.38 -0.46 0.00

CH_RES_NIAGARA 23895	25.46 -0.63 -0.05	24.26 -1.05 0.30	24.41 -1.25 0.32	22.76 -1.38 0.16	23.93 -1.40 0.64	23.92 -1.06 0.22	24.75 -1.29 0.24	27.94 -1.48 0.77	29.10 -1.40 0.01	30.92 -1.61 0.40	30.92 -1.44 0.40	30.80 -1.46 0.29	30.16 -1.52 0.01	31.68 -1.74 0.02	27.04 -0.58 -2.31	24.98 -0.43 -2.78	25.30 -0.59 -4.16	25.68 -0.49 -3.74	23.02 -0.52 -3.73	22.74 -0.22 -2.88	22.14 -0.42 -2.65	27.75 -1.32 -0.34	27.21 -1.73 -0.10	25.67 -1.21 -0.04
CH_RES_SYRACUSE 23985	25.85 -0.23 -0.05	25.14 -0.36 0.11	25.49 -0.39 0.10	23.95 -0.36 0.00	25.37 -0.39 0.22	24.84 -0.28 0.08	26.09 -0.16 0.03	29.87 -0.15 0.17	30.61 -0.18 -0.27	32.98 -0.13 -0.17	32.78 -0.10 -0.11	32.56 -0.06 -0.08	31.94 -0.09 -0.35	33.70 -0.13 -0.39	27.05 0.18 -1.56	24.76 0.25 -1.89	24.79 0.24 -2.82	25.16 0.20 -2.52	22.53 0.22 -2.51	22.17 0.30 -1.79	21.83 0.26 -1.66	29.05 0.12 -0.21	28.81 -0.09 -0.06	26.78 -0.08 -0.02
CLINTON_WT_PWR 323605	25.83 -0.21 0.00	25.48 -0.13 0.00	25.80 -0.18 0.00	24.18 -0.12 0.00	25.93 -0.05 0.00	25.25 0.05 0.00	26.25 -0.03 0.00	30.22 0.03 0.00	30.30 -0.21 0.00	32.47 -0.46 0.00	32.24 -0.53 0.00	32.16 -0.39 0.00	31.31 -0.38 0.00	33.10 -0.33 0.00	24.68 -0.63 0.00	21.97 -0.66 0.00	21.18 -0.54 0.00	21.94 -0.49 0.00	19.39 -0.42 0.00	19.64 -0.44 0.00	19.69 -0.22 0.00	28.72 0.00 0.00	29.04 0.20 0.00	26.92 0.08 0.00
CLINTON____LFGE 323618	26.11 0.08 0.00	25.74 0.13 0.00	26.03 0.05 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.49 0.30 0.00	30.54 0.03 0.00	32.71 -0.23 0.00	32.50 -0.26 0.00	32.38 -0.16 0.00	31.56 -0.13 0.00	33.37 -0.07 0.00	24.91 -0.41 0.00	22.15 -0.48 0.00	21.40 -0.33 0.00	22.19 -0.25 0.00	19.61 -0.20 0.00	19.84 -0.24 0.00	19.95 0.04 0.00	29.07 0.35 0.00	29.33 0.49 0.00	27.18 0.35 0.00
COBBLENY_34_KV_TB1 80064	25.92 -0.18 -0.06	24.49 -0.85 0.27	24.65 -1.04 0.29	23.00 -1.19 0.11	24.20 -1.20 0.59	24.21 -0.78 0.20	25.35 -0.74 0.19	28.84 -0.72 0.62	30.19 -0.52 -0.19	32.17 -0.63 0.14	32.09 -0.49 0.18	31.96 -0.46 0.12	31.43 -0.51 -0.24	32.93 -0.77 -0.26	28.51 0.61 -2.59	26.41 0.66 -3.13	26.90 0.48 -4.69	27.16 0.54 -4.19	24.39 0.42 -4.17	24.05 0.68 -3.29	23.38 0.42 -3.05	29.03 -0.09 -0.39	28.29 -0.66 -0.11	26.53 -0.35 -0.05
COFFEEN__115KV_TB3 355620	26.61 0.57 0.00	26.04 0.44 0.00	26.32 0.34 0.00	24.72 0.41 0.00	26.55 0.57 0.00	25.88 0.68 0.00	27.19 0.92 0.00	31.55 1.36 0.00	31.49 0.98 0.00	34.12 1.19 0.00	33.91 1.15 0.00	33.72 1.17 0.00	32.73 1.05 0.00	34.38 0.94 0.00	25.82 0.51 0.00	23.06 0.43 0.00	22.14 0.41 0.00	22.88 0.45 0.00	20.34 0.53 0.00	20.90 0.82 0.00	20.90 1.00 0.00	30.02 1.29 0.00	30.02 1.18 0.00	27.70 0.86 0.00
COLDSPRG_115KV_BK1 355956	26.00 -0.10 -0.07	24.50 -0.85 0.26	24.70 -1.01 0.27	23.08 -1.14 0.08	24.28 -1.14 0.55	24.30 -0.71 0.19	25.57 -0.55 0.16	29.24 -0.39 0.56	30.61 -0.18 -0.28	32.64 -0.26 0.03	32.48 -0.20 0.09	32.26 -0.23 0.06	31.82 -0.22 -0.36	33.29 -0.54 -0.39	29.06 1.01 -2.74	26.91 0.97 -3.30	27.49 0.87 -4.89	27.68 0.87 -4.37	24.86 0.67 -4.38	24.53 0.96 -3.49	23.81 0.66 -3.24	29.49 0.34 -0.42	28.67 -0.29 -0.12	26.86 -0.03 -0.05
COLONIE_LFGE____ 323577	28.93 1.43 -1.46	26.97 1.36 0.00	27.98 1.40 -0.60	28.47 1.31 -2.85	27.98 1.40 -0.60	26.45 1.26 0.00	30.63 1.47 -2.89	46.79 1.63 -14.97	64.43 1.68 -32.24	77.22 1.84 -42.44	72.29 1.80 -37.73	62.78 1.79 -28.45	80.25 1.74 -46.82	90.26 1.84 -54.99	95.92 1.49 -69.12	117.24 1.36 -93.25	130.71 1.28 -107.70	77.62 1.28 -53.91	74.59 1.13 -53.66	69.36 1.14 -48.14	65.72 1.11 -44.70	36.03 1.55 -5.75	31.99 1.53 -1.62	28.98 1.48 -0.66
COOPERNY_115KV_TB1 80082	27.32 0.86 -0.42	26.37 0.79 0.03	26.90 0.78 -0.14	25.83 0.73 -0.80	26.86 0.78 -0.10	25.88 0.71 0.02	27.94 0.92 -0.74	32.27 1.00 -1.08	34.97 1.01 -3.45	37.92 1.09 -3.90	36.99 1.08 -3.14	35.80 1.04 -2.22	37.15 1.05 -4.42	39.61 1.14 -5.03	36.16 1.04 -9.80	35.46 1.00 -11.84	40.43 0.98 -17.72	39.34 1.05 -15.85	36.44 0.85 -15.78	35.00 0.84 -14.08	33.82 0.84 -13.08	31.50 1.09 -1.68	30.32 1.01 -0.47	28.02 0.99 -0.19
COPENHAGEN_WT_PWR 323753	26.35 0.31 0.00	25.81 0.20 0.00	26.11 0.13 0.00	24.50 0.19 0.00	26.29 0.31 0.00	25.65 0.45 0.00	26.88 0.60 0.00	31.09 0.90 0.00	31.12 0.61 0.00	33.69 0.76 0.00	33.52 0.75 0.00	33.29 0.75 0.00	32.35 0.67 0.00	34.01 0.57 0.00	25.59 0.28 0.00	22.85 0.23 0.00	21.94 0.22 0.00	22.66 0.22 0.00	20.12 0.32 0.00	20.62 0.54 0.00	20.60 0.70 0.00	29.61 0.89 0.00	29.65 0.81 0.00	27.40 0.56 0.00
CORNELL____ 23752	26.52 0.36 -0.12	25.63 0.15 0.14	26.00 0.13 0.11	24.55 0.12 -0.12	25.88 0.16 0.26	25.40 0.30 0.10	26.87 0.53 -0.07	30.93 0.82 0.08	32.04 0.73 -0.80	34.49 0.82 -0.73	34.20 0.88 -0.55	33.78 0.85 -0.39	33.44 0.73 -1.02	35.33 0.74 -1.16	29.41 0.84 -3.26	27.45 0.88 -3.94	28.58 0.76 -6.09	28.70 0.83 -5.44	25.99 0.77 -5.41	25.44 0.88 -4.48	24.92 0.86 -4.16	30.18 0.92 -0.54	29.57 0.58 -0.15	27.41 0.51 -0.06
CORONA_AV_69_KV_TB1 355595	43.82 2.16 -15.63	36.13 2.00 -8.52	32.82 1.92 -4.91	31.00 1.75 -4.94	31.10 1.87 -3.24	26.84 1.66 0.02	29.24 1.97 -0.99	33.83 2.17 -1.46	37.36 2.29 -4.56	40.57 2.47 -5.16	48.95 2.42 -13.77	49.58 2.38 -14.66	50.84 2.38 -16.78	54.30 2.57 -18.29	52.09 2.18 -24.59	52.43 2.01 -27.79	52.47 1.96 -28.78	69.88 2.06 -45.38	64.43 1.70 -42.92	52.24 1.69 -30.47	50.66 1.65 -29.10	50.52 2.27 -19.52	38.30 2.28 -7.18	38.06 2.23 -9.00
CORTLAND_115KV_TB3 80093	26.28 0.16 -0.09	25.48 0.00 0.13	25.84 -0.03 0.11	24.35 -0.02 -0.07	25.72 0.00 0.26	25.20 0.10 0.10	26.56 0.26 -0.02	30.58 0.54 0.15	31.55 0.49 -0.55	33.94 0.56 -0.45	33.68 0.59 -0.33	33.36 0.59 -0.23	32.90 0.51 -0.70	34.76 0.54 -0.79	28.51 0.66 -2.53	26.39 0.70 -3.06	27.12 0.59 -4.80	27.35 0.63 -4.29	24.65 0.57 -4.27	24.19 0.66 -3.45	23.73 0.62 -3.21	29.77 0.63 -0.41	29.30 0.35 -0.12	27.21 0.32 -0.05
COXSACKIE____GT 23611	29.07 2.11 -0.92	27.78 2.18 0.00	28.41 2.05 -0.38	28.00 1.90 -1.80	28.36 2.00 -0.38	27.26 2.07 0.00	30.14 2.18 -1.68	32.41 2.84 0.61	35.18 2.90 -1.76	36.44 3.16 -0.34	34.94 2.91 0.74	34.28 2.80 1.07	34.91 2.63 -0.60	36.38 2.74 -0.20	37.94 1.75 -10.88	34.62 1.77 -10.22	48.01 1.46 -24.83	58.04 1.57 -34.04	55.18 1.49 -33.88	51.96 1.53 -30.36	49.63 1.53 -28.19	34.42 2.07 -3.63	31.97 2.10 -1.02	29.29 2.04 -0.42
CPV_VALLEY__CC1 323721	27.51 0.99 -0.48	26.47 0.90 0.03	27.02 0.88 -0.16	26.00 0.78 -0.91	26.96 0.86 -0.13	25.95 0.78 0.02	28.15 1.02 -0.85	32.53 1.09 -1.25	35.58 1.13 -3.94	38.64 1.25 -4.46	37.54 1.18 -3.60	36.29 1.20 -2.54	37.90 1.17 -5.04	40.48 1.30 -5.74	37.60 1.14 -11.15	37.15 1.06 -13.46	42.92 1.04 -20.15	41.58 1.12 -18.02	38.68 0.93 -17.94	36.96 0.86 -16.02	35.64 0.86 -14.88	31.76 1.12 -1.92	30.39 1.01 -0.54	28.10 1.05 -0.22

CPV_VALLEY___CC2 323722	27.51 0.99 -0.48	26.47 0.90 0.03	27.02 0.88 -0.16	26.00 0.78 -0.91	26.96 0.86 -0.13	25.95 0.78 0.02	28.15 1.02 -0.85	32.53 1.09 -1.25	35.58 1.13 -3.94	38.64 1.25 -4.46	37.54 1.18 -3.60	36.29 1.20 -2.54	37.90 1.17 -5.04	40.48 1.30 -5.74	37.60 1.14 -11.15	37.15 1.06 -13.46	42.92 1.04 -20.15	41.58 1.12 -18.02	38.68 0.93 -17.94	36.96 0.86 -16.02	35.64 0.86 -14.88	31.76 1.12 -1.92	30.39 1.01 -0.54	28.10 1.05 -0.22
CRESCENT___HYD 24018	28.93 1.43 -1.46	26.97 1.36 0.00	27.98 1.40 -0.60	28.47 1.31 -2.85	27.98 1.40 -0.60	26.45 1.26 0.00	30.63 1.47 -2.89	46.79 1.63 -14.97	64.43 1.68 -32.24	77.22 1.84 -42.44	72.29 1.80 -37.73	62.78 1.79 -28.45	80.25 1.74 -46.82	90.26 1.84 -54.99	95.92 1.49 -69.12	117.24 1.36 -93.25	130.71 1.28 -107.70	77.62 1.28 -53.91	74.59 1.13 -53.66	69.36 1.14 -48.14	65.72 1.11 -44.70	36.03 1.55 -5.75	31.99 1.53 -1.62	28.98 1.48 -0.66
CRICKET___VALLEY_CC1 323756	27.89 1.25 -0.60	26.78 1.20 0.03	27.41 1.22 -0.21	26.57 1.12 -1.14	27.38 1.22 -0.18	26.28 1.11 0.02	28.71 1.37 -1.07	33.24 1.36 -1.69	36.91 1.40 -5.00	40.16 1.52 -5.71	38.92 1.54 -4.61	37.33 1.53 -3.26	39.57 1.49 -6.39	42.33 1.61 -7.29	40.54 1.39 -13.83	40.57 1.24 -16.70	47.93 1.19 -25.01	46.09 1.32 -22.33	43.13 1.09 -22.23	40.98 1.02 -19.88	39.38 1.01 -18.46	32.45 1.35 -2.38	30.78 1.27 -0.67	28.45 1.34 -0.27
CRICKET___VALLEY_CC2 323757	27.89 1.25 -0.60	26.78 1.20 0.03	27.41 1.22 -0.21	26.57 1.12 -1.14	27.38 1.22 -0.18	26.28 1.11 0.02	28.71 1.37 -1.07	33.24 1.36 -1.69	36.91 1.40 -5.00	40.16 1.52 -5.71	38.92 1.54 -4.61	37.33 1.53 -3.26	39.57 1.49 -6.39	42.33 1.61 -7.29	40.54 1.39 -13.83	40.57 1.24 -16.70	47.93 1.19 -25.01	46.09 1.32 -22.33	43.13 1.09 -22.23	40.98 1.02 -19.88	39.38 1.01 -18.46	32.45 1.35 -2.38	30.78 1.27 -0.67	28.45 1.34 -0.27
CRICKET___VALLEY_CC3 323758	27.89 1.25 -0.60	26.78 1.20 0.03	27.41 1.22 -0.21	26.57 1.12 -1.14	27.38 1.22 -0.18	26.28 1.11 0.02	28.71 1.37 -1.07	33.24 1.36 -1.69	36.91 1.40 -5.00	40.16 1.52 -5.71	38.92 1.54 -4.61	37.33 1.53 -3.26	39.57 1.49 -6.39	42.33 1.61 -7.29	40.54 1.39 -13.83	40.57 1.24 -16.70	47.93 1.19 -25.01	46.09 1.32 -22.33	43.13 1.09 -22.23	40.98 1.02 -19.88	39.38 1.01 -18.46	32.45 1.35 -2.38	30.78 1.27 -0.67	28.45 1.34 -0.27
CRUCIBLE_METL_DRP 24180	25.85 -0.23 -0.05	25.14 -0.36 0.11	25.46 -0.42 0.10	23.92 -0.39 0.00	25.35 -0.42 0.22	24.84 -0.28 0.08	26.06 -0.18 0.03	29.83 -0.18 0.18	30.60 -0.18 -0.27	32.97 -0.13 -0.17	32.77 -0.10 -0.11	32.56 -0.07 -0.08	31.94 -0.10 -0.35	33.73 -0.10 -0.39	27.04 0.18 -1.55	24.77 0.27 -1.87	24.79 0.24 -2.82	25.18 0.22 -2.52	22.51 0.20 -2.51	22.15 0.28 -1.79	21.83 0.26 -1.66	29.05 0.11 -0.21	28.78 -0.12 -0.06	26.75 -0.11 -0.02
DAHOWA___HYDRO 323763	29.49 1.85 -1.61	27.35 1.74 0.00	28.43 1.79 -0.66	29.09 1.65 -3.14	28.43 1.79 -0.66	26.86 1.66 0.00	31.17 1.81 -3.09	42.39 2.08 -10.12	56.36 2.10 -23.74	65.24 2.30 -30.00	61.00 2.23 -26.01	54.05 2.21 -19.29	67.08 2.16 -33.23	74.43 2.27 -38.71	82.36 1.67 -55.37	95.99 1.47 -71.89	114.44 1.46 -91.25	83.21 1.46 -59.32	80.24 1.39 -59.05	74.54 1.49 -52.98	70.57 1.47 -49.19	37.10 2.04 -6.33	32.56 1.93 -1.79	29.31 1.74 -0.73
DANC___LFGE 323619	26.01 -0.03 0.00	25.48 -0.13 0.00	25.80 -0.18 0.00	24.16 -0.14 0.00	25.90 -0.08 0.00	25.25 0.05 0.00	26.43 0.16 0.00	30.52 0.33 0.00	30.67 0.15 0.00	33.13 0.20 0.00	32.99 0.23 0.00	32.77 0.23 0.00	31.85 0.16 0.00	33.51 0.07 0.00	25.37 0.05 0.00	22.67 0.05 0.00	21.77 0.04 0.00	22.48 0.04 0.00	19.95 0.14 0.00	20.40 0.32 0.00	20.31 0.40 0.00	29.15 0.43 0.00	29.16 0.32 0.00	27.03 0.19 0.00
DANSKAMMER___1 23586	28.35 1.74 -0.57	27.22 1.64 0.03	27.79 1.61 -0.20	26.82 1.43 -1.08	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.76 -1.01	33.62 1.93 -1.49	37.19 2.04 -4.63	40.43 2.24 -5.25	39.13 2.13 -4.24	37.65 2.11 -2.99	39.68 2.06 -5.93	42.44 2.24 -6.76	40.17 1.80 -13.06	40.07 1.67 -15.77	46.97 1.63 -23.62	45.29 1.73 -21.13	42.33 1.49 -21.03	40.31 1.43 -18.81	38.78 1.41 -17.46	32.81 1.84 -2.25	31.20 1.73 -0.63	28.84 1.74 -0.26
DANSKAMMER___2 23589	28.35 1.74 -0.57	27.22 1.64 0.03	27.79 1.61 -0.20	26.82 1.43 -1.08	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.76 -1.01	33.62 1.93 -1.49	37.19 2.04 -4.63	40.43 2.24 -5.25	39.13 2.13 -4.24	37.65 2.11 -2.99	39.68 2.06 -5.93	42.44 2.24 -6.76	40.17 1.80 -13.06	40.07 1.67 -15.77	46.97 1.63 -23.62	45.29 1.73 -21.13	42.33 1.49 -21.03	40.31 1.43 -18.81	38.78 1.41 -17.46	32.81 1.84 -2.25	31.20 1.73 -0.63	28.84 1.74 -0.26
DANSKAMMER___3 23590	28.35 1.74 -0.57	27.22 1.64 0.03	27.79 1.61 -0.20	26.82 1.43 -1.08	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.76 -1.01	33.62 1.93 -1.49	37.19 2.04 -4.63	40.43 2.24 -5.25	39.13 2.13 -4.24	37.65 2.11 -2.99	39.68 2.06 -5.93	42.44 2.24 -6.76	40.17 1.80 -13.06	40.07 1.67 -15.77	46.97 1.63 -23.62	45.29 1.73 -21.13	42.33 1.49 -21.03	40.31 1.43 -18.81	38.78 1.41 -17.46	32.81 1.84 -2.25	31.20 1.73 -0.63	28.84 1.74 -0.26
DANSKAMMER___4 23591	28.35 1.74 -0.57	27.22 1.64 0.03	27.79 1.61 -0.20	26.82 1.43 -1.08	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.76 -1.01	33.62 1.93 -1.49	37.19 2.04 -4.63	40.43 2.24 -5.25	39.13 2.13 -4.24	37.65 2.11 -2.99	39.68 2.06 -5.93	42.44 2.24 -6.76	40.17 1.80 -13.06	40.07 1.67 -15.77	46.97 1.63 -23.62	45.29 1.73 -21.13	42.33 1.49 -21.03	40.31 1.43 -18.81	38.78 1.41 -17.46	32.81 1.84 -2.25	31.20 1.73 -0.63	28.84 1.74 -0.26
DANSKAMMER___DIESEL 23592	28.35 1.74 -0.57	27.24 1.66 0.03	27.79 1.61 -0.20	26.84 1.46 -1.08	27.68 1.53 -0.16	26.66 1.49 0.02	29.07 1.79 -1.01	33.61 1.93 -1.49	37.22 2.07 -4.64	40.43 2.24 -5.25	39.17 2.16 -4.24	37.65 2.12 -2.99	39.71 2.09 -5.93	42.47 2.27 -6.76	40.23 1.85 -13.06	40.14 1.74 -15.77	47.00 1.65 -23.63	45.34 1.77 -21.13	42.35 1.51 -21.03	40.35 1.47 -18.81	38.82 1.45 -17.46	32.90 1.92 -2.25	31.32 1.85 -0.63	28.92 1.82 -0.26
DARBY___SOLAR 323810	29.42 1.80 -1.59	27.27 1.66 0.00	28.35 1.71 -0.65	29.01 1.60 -3.10	28.35 1.71 -0.65	26.78 1.59 0.00	31.10 1.76 -3.07	42.94 1.99 -10.76	57.43 2.04 -24.87	66.83 2.24 -31.65	62.49 2.16 -27.56	55.19 2.15 -20.50	68.82 2.09 -35.04	76.52 2.21 -40.87	84.19 1.64 -57.23	98.86 1.47 -74.76	116.66 1.43 -93.50	82.56 1.44 -58.69	79.55 1.33 -58.42	73.92 1.43 -52.42	69.97 1.39 -48.67	36.94 1.95 -6.27	32.45 1.85 -1.77	29.28 1.72 -0.72
DASHVILLE___HYD 23610	27.75 1.07 -0.65	26.76 1.18 0.03	27.17 0.96 -0.23	26.39 0.85 -1.23	27.09 0.91 -0.20	26.18 1.01 0.02	28.58 1.16 -1.15	32.76 1.69 -0.88	36.10 1.83 -3.76	38.79 2.04 -3.81	37.51 1.93 -2.81	36.24 1.86 -1.84	37.90 1.84 -4.37	40.34 2.04 -4.86	39.24 1.72 -12.20	38.23 1.63 -13.97	46.31 1.17 -23.41	47.73 1.26 -24.04	44.77 1.03 -23.93	42.47 0.98 -21.41	40.74 0.96 -19.88	32.52 1.24 -2.56	30.74 1.18 -0.72	28.34 1.21 -0.30

EAST RIVER___7 23524	28.23 1.64 -0.56	27.06 1.48 0.03	27.63 1.45 -0.19	26.63 1.26 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.92 1.66 -0.99	33.53 1.87 -1.46	37.02 1.95 -4.55	40.21 2.11 -5.16	38.93 2.00 -4.17	37.54 2.05 -2.94	39.57 2.06 -5.83	42.38 2.31 -6.64	40.10 1.95 -12.84	39.90 1.77 -15.50	46.72 1.78 -23.22	45.07 1.88 -20.76	42.01 1.55 -20.66	39.93 1.38 -18.47	38.47 1.41 -17.15	32.77 1.84 -2.21	31.13 1.67 -0.62	28.83 1.74 -0.25
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.10 1.51 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.60 1.24 -1.06	27.49 1.35 -0.16	26.46 1.28 0.02	28.87 1.60 -0.99	33.37 1.72 -1.46	36.83 1.77 -4.55	40.03 1.94 -5.15	38.82 1.90 -4.16	37.37 1.89 -2.93	39.40 1.90 -5.82	42.14 2.07 -6.63	39.93 1.80 -12.81	39.78 1.67 -15.47	46.52 1.63 -23.17	44.87 1.73 -20.71	41.83 1.41 -20.62	39.87 1.37 -18.43	38.38 1.35 -17.11	32.74 1.81 -2.20	31.16 1.70 -0.62	28.78 1.69 -0.25
EAST_HAMPTON___DIESEL 23722	45.80 4.14 -15.63	37.95 3.82 -8.52	34.74 3.84 -4.91	32.75 3.50 -4.94	33.05 3.82 -3.24	28.35 3.17 0.02	30.89 3.63 -0.99	35.91 4.26 -1.46	39.70 4.64 -4.56	43.04 4.94 -5.16	51.60 5.08 -13.76	52.38 5.18 -14.66	53.41 4.94 -16.78	57.14 5.42 -18.29	54.26 4.36 -24.59	54.35 3.94 -27.79	54.27 3.76 -28.79	84.54 3.90 -58.20	86.56 3.39 -63.37	53.91 3.35 -30.48	52.40 3.38 -29.11	52.94 4.68 -19.54	40.77 4.76 -7.18	40.35 4.51 -9.01
EAST_PULASKI___ESR 323781	25.73 -0.36 -0.05	25.18 -0.46 -0.03	25.52 -0.52 -0.06	23.98 -0.46 -0.13	25.60 -0.47 -0.09	24.87 -0.35 -0.02	26.15 -0.26 -0.14	30.22 -0.21 -0.24	30.72 -0.27 -0.49	33.27 -0.26 -0.60	32.99 -0.26 -0.49	32.66 -0.23 -0.34	32.06 -0.25 -0.62	33.82 -0.33 -0.71	26.28 -0.15 -1.12	23.89 -0.09 -1.35	23.65 -0.11 -2.03	24.13 -0.11 -1.81	21.57 -0.04 -1.80	20.16 0.08 0.00	20.01 0.10 0.00	28.69 -0.03 0.00	28.64 -0.20 0.00	26.59 -0.24 0.00
EAST_RIVER___1 323558	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.60 1.24 -1.06	27.49 1.35 -0.16	26.48 1.31 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.93 1.86 -4.55	40.14 2.04 -5.16	38.86 1.93 -4.17	37.47 1.99 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	45.01 1.82 -20.76	41.95 1.49 -20.66	39.89 1.35 -18.47	38.41 1.35 -17.15	32.71 1.78 -2.21	31.08 1.61 -0.62	28.78 1.69 -0.25
EAST_RIVER___2 323559	28.23 1.64 -0.56	27.06 1.48 0.03	27.63 1.45 -0.19	26.63 1.26 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.92 1.66 -0.99	33.53 1.87 -1.46	37.02 1.95 -4.55	40.21 2.11 -5.16	38.93 2.00 -4.17	37.54 2.05 -2.94	39.57 2.06 -5.83	42.38 2.31 -6.64	40.10 1.95 -12.84	39.90 1.77 -15.50	46.72 1.78 -23.22	45.07 1.88 -20.76	42.01 1.55 -20.66	39.93 1.38 -18.47	38.47 1.41 -17.15	32.77 1.84 -2.21	31.13 1.67 -0.62	28.83 1.74 -0.25
EAST___DELAWARE_HYD 23607	27.63 1.07 -0.53	26.55 0.97 0.03	27.10 0.93 -0.18	26.11 0.80 -1.01	27.01 0.88 -0.15	26.03 0.86 0.02	28.32 1.10 -0.94	32.78 1.21 -1.38	36.12 1.28 -4.32	39.08 1.25 -4.90	37.80 1.08 -3.95	36.41 1.07 -2.79	38.20 0.98 -5.53	40.81 1.07 -6.31	38.46 0.94 -12.21	38.30 0.93 -14.74	44.76 0.95 -22.08	43.41 1.19 -19.78	40.53 1.03 -19.69	38.64 0.96 -17.60	37.21 0.96 -16.34	32.00 1.18 -2.10	30.50 1.07 -0.59	28.15 1.07 -0.24
EIGHT_POINT___WT_PWR 323820	26.34 0.21 -0.09	25.10 -0.28 0.22	25.37 -0.39 0.22	23.81 -0.49 0.01	25.08 -0.44 0.46	24.98 -0.05 0.16	26.33 0.13 0.08	30.10 0.30 0.39	31.28 0.27 -0.50	33.50 0.30 -0.27	33.32 0.39 -0.16	33.02 0.36 -0.12	32.80 0.48 -0.63	34.35 0.20 -0.71	29.35 0.99 -3.05	27.24 0.93 -3.68	28.16 0.91 -5.52	28.32 0.96 -4.93	25.54 0.83 -4.90	25.10 1.04 -3.98	24.50 0.90 -3.70	29.89 0.69 -0.48	29.12 0.14 -0.13	27.16 0.27 -0.05
ELBRIDGE_115KV_TB2 80188	25.80 -0.29 -0.06	25.11 -0.41 0.09	25.43 -0.47 0.08	23.90 -0.44 -0.03	25.33 -0.47 0.19	24.80 -0.33 0.07	26.04 -0.24 0.00	29.83 -0.24 0.12	30.61 -0.24 -0.34	32.94 -0.26 -0.26	32.72 -0.23 -0.19	32.49 -0.20 -0.14	31.87 -0.25 -0.43	33.66 -0.27 -0.49	27.00 0.05 -1.64	24.74 0.14 -1.98	24.84 0.13 -2.98	25.25 0.16 -2.66	22.60 0.14 -2.65	22.22 0.22 -1.92	21.89 0.20 -1.78	28.95 0.00 -0.23	28.70 -0.20 -0.06	26.68 -0.19 -0.03
ELEC_TRO_TEK 24086	43.64 1.98 -15.63	35.98 1.84 -8.52	32.69 1.79 -4.91	30.87 1.63 -4.94	30.97 1.74 -3.24	26.71 1.54 0.02	29.11 1.84 -0.99	33.71 2.05 -1.46	37.20 2.14 -4.56	40.44 2.34 -5.16	48.89 2.36 -13.77	49.51 2.31 -14.66	50.81 2.34 -16.78	54.23 2.51 -18.29	52.04 2.13 -24.59	52.39 1.97 -27.79	52.42 1.91 -28.78	69.89 2.04 -45.41	64.44 1.66 -42.97	52.20 1.65 -30.47	50.64 1.63 -29.10	50.46 2.21 -19.52	38.27 2.25 -7.18	38.04 2.20 -9.00
ELLENBURG_WT_PWR 323604	25.83 -0.21 0.00	25.48 -0.13 0.00	25.80 -0.18 0.00	24.18 -0.12 0.00	25.93 -0.05 0.00	25.25 0.05 0.00	26.25 -0.03 0.00	30.22 0.03 0.00	30.30 -0.21 0.00	32.47 -0.46 0.00	32.24 -0.53 0.00	32.16 -0.39 0.00	31.31 -0.38 0.00	33.10 -0.33 0.00	24.68 -0.63 0.00	21.97 -0.66 0.00	21.18 -0.54 0.00	21.94 -0.49 0.00	19.39 -0.42 0.00	19.64 -0.44 0.00	19.69 -0.22 0.00	28.72 0.00 0.00	29.04 0.20 0.00	26.92 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.86 -0.23 -0.06	24.48 -0.85 0.29	24.64 -1.04 0.30	22.98 -1.19 0.14	24.17 -1.20 0.62	24.18 -0.81 0.21	25.27 -0.79 0.21	28.64 -0.88 0.68	30.01 -0.61 -0.11	31.93 -0.76 0.25	31.87 -0.62 0.27	31.77 -0.59 0.19	31.16 -0.67 -0.14	32.65 -0.94 -0.14	28.07 0.30 -2.45	26.00 0.41 -2.96	26.36 0.20 -4.44	26.66 0.27 -3.96	23.95 0.20 -3.94	23.62 0.46 -3.08	22.99 0.22 -2.86	28.72 -0.37 -0.37	28.02 -0.92 -0.10	26.34 -0.54 -0.04
EMPIRE_CC_1 323656	27.96 1.09 -0.83	26.66 1.05 0.00	27.41 1.09 -0.34	26.94 1.02 -1.62	27.41 1.09 -0.34	26.15 0.96 0.00	28.90 1.10 -1.52	26.37 1.12 4.94	25.30 1.19 6.40	23.11 1.32 11.14	22.70 1.28 11.33	24.57 1.27 9.24	20.93 1.23 11.99	19.97 1.30 14.77	22.43 1.09 3.98	12.16 1.02 11.49	27.24 0.91 -4.60	53.92 0.90 -30.59	51.03 0.77 -30.45	48.11 0.76 -27.27	45.99 0.76 -25.32	33.13 1.15 -3.26	31.00 1.24 -0.92	28.45 1.24 -0.38
EMPIRE_CC_2 323658	27.96 1.09 -0.83	26.66 1.05 0.00	27.41 1.09 -0.34	26.94 1.02 -1.62	27.41 1.09 -0.34	26.15 0.96 0.00	28.90 1.10 -1.52	26.37 1.12 4.94	25.30 1.19 6.40	23.11 1.32 11.14	22.70 1.28 11.33	24.57 1.27 9.24	20.93 1.23 11.99	19.97 1.30 14.77	22.43 1.09 3.98	12.16 1.02 11.49	27.24 0.91 -4.60	53.92 0.90 -30.59	51.03 0.77 -30.45	48.11 0.76 -27.27	45.99 0.76 -25.32	33.13 1.15 -3.26	31.00 1.24 -0.92	28.45 1.24 -0.38
ENORWICH_115KV_TB1 80156	27.58 1.33 -0.22	26.55 1.05 0.11	26.93 0.99 0.04	25.65 1.02 -0.33	27.06 1.25 0.16	26.52 1.41 0.08	28.36 1.81 -0.28	33.02 2.57 -0.27	34.38 2.23 -1.64	37.20 2.54 -1.73	36.75 2.62 -1.37	35.92 2.41 -0.97	35.98 2.19 -2.10	38.14 2.31 -2.39	32.70 1.97 -5.41	31.04 1.88 -6.53	33.40 1.80 -9.87	33.11 1.88 -8.79	30.32 1.76 -8.75	29.63 2.01 -7.55	29.01 2.09 -7.01	32.15 2.53 -0.90	31.26 2.16 -0.25	28.79 1.85 -0.10

FARRAGUT___LBMP 323566	28.18 1.59 -0.56	27.01 1.43 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.44 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.86 1.93 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.68 1.74 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
FENNER___WINDPWR 24204	26.40 0.31 -0.05	25.70 0.20 0.12	26.05 0.18 0.11	24.50 0.19 -0.01	26.00 0.26 0.24	25.44 0.33 0.09	26.74 0.50 0.03	30.78 0.78 0.20	31.49 0.67 -0.30	33.98 0.85 -0.19	33.77 0.88 -0.12	33.48 0.84 -0.09	32.87 0.79 -0.39	34.67 0.80 -0.43	27.83 0.79 -1.73	25.44 0.72 -2.09	25.55 0.70 -3.13	25.90 0.67 -2.79	23.22 0.63 -2.78	22.96 0.70 -2.18	22.65 0.72 -2.02	29.76 0.78 -0.26	29.52 0.61 -0.07	27.38 0.51 -0.03
FIBERTEK___ENERGY 23856	25.85 -0.23 -0.05	25.14 -0.36 0.11	25.46 -0.42 0.10	23.92 -0.39 0.00	25.35 -0.42 0.22	24.84 -0.28 0.08	26.06 -0.18 0.03	29.83 -0.18 0.18	30.60 -0.18 -0.27	32.97 -0.13 -0.17	32.77 -0.10 -0.11	32.56 -0.07 -0.08	31.94 -0.10 -0.35	33.73 -0.10 -0.39	27.04 0.18 -1.55	24.77 0.27 -1.87	24.79 0.24 -2.82	25.18 0.22 -2.52	22.51 0.20 -2.51	22.15 0.28 -1.79	21.83 0.26 -1.66	29.05 0.11 -0.21	28.78 -0.12 -0.06	26.75 -0.11 -0.02
FITZPATRICK____ 23598	25.20 -0.83 0.00	24.71 -0.90 0.00	25.05 -0.93 0.00	23.41 -0.90 0.00	25.05 -0.93 0.00	24.34 -0.86 0.00	25.43 -0.84 0.00	29.25 -0.94 0.00	29.53 -0.98 0.00	31.91 -1.02 0.00	31.78 -0.98 0.00	31.57 -0.98 0.00	30.70 -0.98 0.00	32.40 -1.04 0.00	24.71 -0.61 0.00	22.18 -0.45 0.00	21.27 -0.46 0.00	21.96 -0.47 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.09 -0.75 0.00
FLOWRFLD_69_KV_BK1 356044	44.50 2.84 -15.63	36.85 2.71 -8.52	33.49 2.60 -4.91	31.63 2.38 -4.94	31.80 2.57 -3.24	27.37 2.19 0.02	29.84 2.57 -0.99	34.58 2.93 -1.46	37.97 2.90 -4.56	41.16 3.06 -5.16	49.71 3.18 -13.77	50.36 3.16 -14.66	51.70 3.23 -16.78	55.20 3.48 -18.29	52.75 2.84 -24.60	53.07 2.65 -27.79	53.10 2.59 -28.79	87.67 2.80 -62.44	92.29 2.36 -70.13	52.94 2.39 -30.48	51.43 2.41 -29.11	51.56 3.30 -19.54	39.33 3.32 -7.18	39.06 3.22 -9.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.40 1.80 -0.57	27.29 1.72 0.03	27.84 1.66 -0.20	26.89 1.51 -1.08	27.73 1.58 -0.16	26.71 1.54 0.02	29.13 1.84 -1.01	33.68 1.99 -1.50	37.29 2.14 -4.65	40.54 2.34 -5.27	39.24 2.23 -4.25	37.72 2.18 -3.00	39.79 2.15 -5.94	42.55 2.34 -6.77	40.30 1.90 -13.09	40.22 1.79 -15.81	47.08 1.69 -23.66	45.41 1.82 -21.16	42.41 1.54 -21.06	40.41 1.51 -18.83	38.89 1.49 -17.48	32.96 1.98 -2.25	31.35 1.87 -0.63	28.95 1.85 -0.26
FORT ORANGE____ 23900	28.21 1.07 -1.11	26.68 1.08 0.00	27.50 1.07 -0.45	27.46 1.00 -2.16	27.50 1.07 -0.45	26.15 0.96 0.00	29.31 1.02 -2.01	29.17 1.21 2.23	31.08 1.19 0.62	30.76 1.32 3.49	29.52 1.28 4.52	29.72 1.27 4.09	29.37 1.23 3.55	29.89 1.30 4.85	34.65 1.04 -8.30	28.75 0.97 -5.15	46.20 0.89 -23.58	64.22 0.92 -40.86	61.27 0.79 -40.67	57.35 0.80 -36.46	54.54 0.78 -33.86	34.17 1.09 -4.36	31.22 1.15 -1.23	28.47 1.13 -0.50
FORT_DRUM_COGEN 23780	26.45 0.42 0.00	25.89 0.28 0.00	26.19 0.21 0.00	24.60 0.29 0.00	26.40 0.42 0.00	25.72 0.53 0.00	26.98 0.71 0.00	31.25 1.06 0.00	31.24 0.73 0.00	33.82 0.89 0.00	33.65 0.88 0.00	33.42 0.88 0.00	32.48 0.79 0.00	34.11 0.67 0.00	25.62 0.30 0.00	22.88 0.25 0.00	21.97 0.24 0.00	22.68 0.25 0.00	20.16 0.36 0.00	20.66 0.58 0.00	20.64 0.74 0.00	29.73 1.01 0.00	29.76 0.92 0.00	27.48 0.64 0.00
FPL_FAR_ROCK_GT1 24212	44.03 2.37 -15.63	36.28 2.15 -8.52	33.02 2.13 -4.91	31.16 1.92 -4.94	31.30 2.08 -3.24	26.89 1.71 0.02	29.29 2.02 -0.99	33.92 2.27 -1.46	37.54 2.47 -4.56	40.53 2.44 -5.16	49.02 2.49 -13.76	49.81 2.60 -14.66	50.62 2.16 -16.78	54.17 2.44 -18.29	52.01 2.10 -24.59	52.32 1.90 -27.79	52.34 1.83 -28.78	69.74 1.93 -45.38	64.39 1.66 -42.92	52.12 1.57 -30.47	50.56 1.55 -29.10	50.34 2.10 -19.52	38.09 2.08 -7.18	37.87 2.04 -9.00
FPL_FAR_ROCK_GT2 23815	44.03 2.37 -15.63	36.28 2.15 -8.52	33.02 2.13 -4.91	31.16 1.92 -4.94	31.30 2.08 -3.24	26.89 1.71 0.02	29.29 2.02 -0.99	33.92 2.27 -1.46	37.54 2.47 -4.56	40.53 2.44 -5.16	49.02 2.49 -13.76	49.81 2.60 -14.66	50.62 2.16 -16.78	54.17 2.44 -18.29	52.01 2.10 -24.59	52.32 1.90 -27.79	52.34 1.83 -28.78	69.74 1.93 -45.38	64.39 1.66 -42.92	52.12 1.57 -30.47	50.56 1.55 -29.10	50.34 2.10 -19.52	38.09 2.08 -7.18	37.87 2.04 -9.00
FRANKLIN_FALL_HYD 24054	26.03 0.00 0.00	25.69 0.08 0.00	26.01 0.03 0.00	24.38 0.07 0.00	26.14 0.16 0.00	25.42 0.23 0.00	26.41 0.13 0.00	30.43 0.24 0.00	30.57 0.06 0.00	32.90 -0.03 0.00	32.66 -0.10 0.00	32.54 0.00 0.00	31.62 -0.06 0.00	33.37 -0.07 0.00	24.91 -0.41 0.00	22.09 -0.54 0.00	21.29 -0.43 0.00	21.94 -0.49 0.00	19.39 -0.42 0.00	19.62 -0.46 0.00	19.65 -0.26 0.00	28.84 0.11 0.00	29.18 0.35 0.00	27.05 0.21 0.00
FREEPORT_EQUS_GT1 23764	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.07 1.82 -4.94	31.20 1.97 -3.24	26.76 1.59 0.02	29.16 1.89 -0.99	33.80 2.14 -1.46	37.45 2.38 -4.56	40.63 2.54 -5.16	49.08 2.56 -13.76	49.90 2.70 -14.66	50.90 2.44 -16.78	54.47 2.74 -18.29	52.23 2.33 -24.59	52.52 2.10 -27.79	52.55 2.04 -28.78	70.09 2.15 -45.50	64.78 1.86 -43.12	52.34 1.79 -30.47	50.78 1.77 -29.10	50.66 2.41 -19.53	38.41 2.39 -7.18	38.17 2.33 -9.00
FREEPORT___CT2 23818	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.07 1.82 -4.94	31.20 1.97 -3.24	26.76 1.59 0.02	29.16 1.89 -0.99	33.80 2.14 -1.46	37.45 2.38 -4.56	40.63 2.54 -5.16	49.08 2.56 -13.76	49.90 2.70 -14.66	50.90 2.44 -16.78	54.47 2.74 -18.29	52.23 2.33 -24.59	52.52 2.10 -27.79	52.55 2.04 -28.78	70.09 2.15 -45.50	64.78 1.86 -43.12	52.34 1.79 -30.47	50.78 1.77 -29.10	50.66 2.41 -19.53	38.41 2.39 -7.18	38.17 2.33 -9.00
FRESHKLS_33_KV_LOAD 356253	28.42 1.82 -0.57	27.27 1.69 0.03	27.76 1.58 -0.19	26.82 1.46 -1.06	27.65 1.51 -0.16	26.63 1.46 0.02	28.87 1.60 -0.99	30.97 1.66 0.88	30.97 1.65 1.19	31.67 1.78 3.05	36.92 1.74 -2.42	36.67 1.79 -2.34	39.47 1.96 -5.82	42.28 2.21 -6.63	40.00 1.85 -12.83	39.87 1.74 -15.50	46.76 1.83 -23.21	45.13 1.95 -20.75	42.00 1.54 -20.65	40.01 1.47 -18.46	38.48 1.43 -17.14	32.79 2.01 -2.06	31.39 1.93 -0.61	29.06 1.96 -0.26
FULTON COGEN____ 23766	25.55 -0.55 -0.06	25.01 -0.64 -0.04	25.38 -0.68 -0.07	23.81 -0.66 -0.16	25.43 -0.68 -0.12	24.65 -0.58 -0.03	25.94 -0.50 -0.16	29.94 -0.54 -0.30	30.52 -0.55 -0.56	33.07 -0.56 -0.70	32.81 -0.52 -0.57	32.46 -0.49 -0.40	31.90 -0.51 -0.72	33.69 -0.57 -0.82	26.32 -0.23 -1.23	24.01 -0.11 -1.49	23.86 -0.11 -2.24	24.30 -0.13 -2.00	21.72 -0.08 -1.99	20.08 0.00 0.00	19.89 -0.02 0.00	28.44 -0.29 0.00	28.35 -0.49 0.00	26.38 -0.46 0.00

FULTON___LFGE 323630	30.41 2.84 -1.54	28.21 2.64 0.03	29.27 2.70 -0.59	29.80 2.53 -2.96	29.28 2.75 -0.55	27.84 2.67 0.02	31.93 2.81 -2.84	37.80 3.35 -4.26	46.55 3.20 -12.83	51.56 4.02 -14.61	48.93 4.36 -11.81	45.08 4.20 -8.33	52.19 4.09 -16.42	56.16 4.01 -18.71	64.21 3.11 -35.78	68.55 2.71 -43.20	89.25 2.82 -64.70	81.75 2.47 -56.85	78.69 2.30 -56.59	73.28 2.45 -50.76	69.47 2.43 -47.13	38.03 3.24 -6.07	33.66 3.12 -1.71	30.25 2.71 -0.70
G.F.CEMENT___DRP 24184	29.71 2.03 -1.64	27.48 1.87 0.00	28.55 1.90 -0.67	29.25 1.75 -3.19	28.55 1.90 -0.67	27.01 1.81 0.00	31.35 1.94 -3.13	41.48 2.26 -9.02	54.64 2.32 -21.80	62.62 2.50 -27.18	58.51 2.39 -23.36	52.17 2.41 -17.22	64.15 2.31 -30.15	70.87 2.41 -35.02	79.25 1.72 -52.21	91.13 1.49 -67.01	110.65 1.50 -87.42	84.33 1.50 -60.39	81.39 1.47 -60.11	75.64 1.63 -53.94	71.61 1.61 -50.09	37.38 2.21 -6.45	32.70 2.05 -1.82	29.43 1.85 -0.74
GARDENVILLE___LBMP 24039	25.86 -0.23 -0.06	24.46 -0.87 0.28	24.62 -1.07 0.30	22.99 -1.19 0.13	24.18 -1.20 0.61	24.18 -0.81 0.21	25.28 -0.79 0.21	28.68 -0.85 0.66	30.04 -0.61 -0.14	31.96 -0.76 0.22	31.93 -0.59 0.24	31.79 -0.59 0.17	31.23 -0.63 -0.17	32.72 -0.90 -0.18	28.22 0.41 -2.50	26.12 0.48 -3.01	26.51 0.26 -4.52	26.80 0.34 -4.03	24.08 0.26 -4.02	23.75 0.52 -3.15	23.11 0.28 -2.92	28.81 -0.29 -0.38	28.11 -0.84 -0.11	26.40 -0.48 -0.04
GARDNVLA_35_KV_LD 355827	25.94 -0.16 -0.06	24.53 -0.79 0.28	24.70 -0.99 0.30	23.04 -1.14 0.13	24.26 -1.12 0.60	24.26 -0.73 0.20	25.36 -0.71 0.20	28.81 -0.72 0.66	30.17 -0.49 -0.14	32.10 -0.63 0.21	32.07 -0.46 0.24	31.96 -0.42 0.16	31.40 -0.48 -0.18	32.89 -0.74 -0.19	28.41 0.58 -2.51	26.29 0.63 -3.03	26.70 0.43 -4.54	26.98 0.49 -4.05	24.24 0.40 -4.04	23.91 0.66 -3.17	23.25 0.40 -2.94	28.99 -0.11 -0.38	28.25 -0.69 -0.11	26.56 -0.32 -0.04
GELCKHM__115KV_LOAD 80723	25.65 -0.42 -0.03	24.89 -0.54 0.18	25.22 -0.57 0.19	23.65 -0.56 0.10	25.02 -0.57 0.39	24.61 -0.45 0.13	25.74 -0.39 0.14	29.33 -0.42 0.44	30.14 -0.40 -0.02	32.30 -0.43 0.21	32.19 -0.36 0.21	32.04 -0.36 0.15	31.34 -0.38 -0.03	33.06 -0.40 -0.02	26.65 -0.08 -1.41	24.35 0.02 -1.70	24.31 0.02 -2.56	24.74 0.02 -2.28	22.12 0.04 -2.27	21.76 0.12 -1.57	21.46 0.10 -1.45	28.80 -0.11 -0.19	28.55 -0.35 -0.05	26.54 -0.32 -0.02
GENERAL___MILLS 23808	25.89 -0.21 -0.06	24.48 -0.85 0.28	24.64 -1.04 0.30	23.01 -1.17 0.13	24.21 -1.17 0.60	24.21 -0.78 0.20	25.31 -0.76 0.20	28.75 -0.78 0.66	30.11 -0.55 -0.14	32.03 -0.69 0.21	31.97 -0.56 0.24	31.86 -0.52 0.16	31.30 -0.57 -0.18	32.79 -0.84 -0.19	28.30 0.48 -2.51	26.20 0.54 -3.03	26.61 0.35 -4.54	26.91 0.43 -4.05	24.15 0.32 -4.03	23.82 0.58 -3.16	23.18 0.34 -2.93	28.90 -0.20 -0.38	28.20 -0.75 -0.11	26.48 -0.40 -0.04
GE_PLASTICS___DRP 24183	28.01 0.96 -1.01	26.58 0.97 0.00	27.38 0.99 -0.41	27.20 0.92 -1.97	27.38 0.99 -0.41	26.05 0.86 0.00	29.06 0.95 -1.84	30.35 1.06 0.89	33.11 1.07 -1.53	33.92 1.19 0.20	32.56 1.15 1.34	32.07 1.11 1.58	32.79 1.08 -0.03	34.08 1.17 0.53	37.51 0.96 -11.23	33.67 0.88 -10.16	48.84 0.80 -26.31	60.57 0.83 -37.30	57.65 0.71 -37.13	54.06 0.70 -33.28	51.51 0.70 -30.90	33.68 0.98 -3.98	30.97 1.01 -1.12	28.32 1.02 -0.46
GILBOA___1 23756	27.40 0.86 -0.51	26.47 0.90 0.04	27.24 1.09 -0.17	26.26 1.00 -0.96	27.20 1.09 -0.13	25.90 0.73 0.03	28.06 0.89 -0.89	32.46 0.97 -1.30	35.64 1.01 -4.12	38.68 1.09 -4.66	37.57 1.05 -3.76	36.24 1.04 -2.65	37.97 1.01 -5.27	40.52 1.07 -6.01	37.96 0.96 -11.68	37.61 0.88 -14.10	43.65 0.80 -21.12	42.19 0.85 -18.91	39.34 0.71 -18.82	37.62 0.74 -16.80	36.25 0.74 -15.60	31.71 0.98 -2.01	30.33 0.92 -0.57	28.03 0.96 -0.23
GILBOA___2 23757	27.40 0.86 -0.51	26.47 0.90 0.04	27.24 1.09 -0.17	26.26 1.00 -0.96	27.20 1.09 -0.13	25.90 0.73 0.03	28.06 0.89 -0.89	32.46 0.97 -1.30	35.64 1.01 -4.12	38.68 1.09 -4.66	37.57 1.05 -3.76	36.24 1.04 -2.65	37.97 1.01 -5.27	40.52 1.07 -6.01	37.96 0.96 -11.68	37.61 0.88 -14.10	43.65 0.80 -21.12	42.19 0.85 -18.91	39.34 0.71 -18.82	37.62 0.74 -16.80	36.25 0.74 -15.60	31.71 0.98 -2.01	30.33 0.92 -0.57	28.03 0.96 -0.23
GILBOA___3 23758	27.40 0.86 -0.51	26.47 0.90 0.04	27.24 1.09 -0.17	26.26 1.00 -0.96	27.20 1.09 -0.13	25.90 0.73 0.03	28.06 0.89 -0.89	32.46 0.97 -1.30	35.64 1.01 -4.12	38.68 1.09 -4.66	37.57 1.05 -3.76	36.24 1.04 -2.65	37.97 1.01 -5.27	40.52 1.07 -6.01	37.96 0.96 -11.68	37.61 0.88 -14.10	43.65 0.80 -21.12	42.19 0.85 -18.91	39.34 0.71 -18.82	37.62 0.74 -16.80	36.25 0.74 -15.60	31.71 0.98 -2.01	30.33 0.92 -0.57	28.03 0.96 -0.23
GILBOA___4 23759	27.40 0.86 -0.51	26.47 0.90 0.04	27.24 1.09 -0.17	26.26 1.00 -0.96	27.20 1.09 -0.13	25.90 0.73 0.03	28.06 0.89 -0.89	32.46 0.97 -1.30	35.64 1.01 -4.12	38.68 1.09 -4.66	37.57 1.05 -3.76	36.24 1.04 -2.65	37.97 1.01 -5.27	40.52 1.07 -6.01	37.96 0.96 -11.68	37.61 0.88 -14.10	43.65 0.80 -21.12	42.19 0.85 -18.91	39.34 0.71 -18.82	37.62 0.74 -16.80	36.25 0.74 -15.60	31.71 0.98 -2.01	30.33 0.92 -0.57	28.03 0.96 -0.23
GILBOA___ 23599	27.40 0.86 -0.51	26.47 0.90 0.04	27.24 1.09 -0.17	26.28 1.02 -0.96	27.20 1.09 -0.13	25.92 0.76 0.03	28.06 0.89 -0.89	32.46 0.97 -1.30	35.64 1.01 -4.12	38.68 1.09 -4.66	37.57 1.05 -3.76	36.24 1.04 -2.65	37.98 1.01 -5.27	40.55 1.10 -6.01	37.99 0.99 -11.68	37.64 0.91 -14.11	43.65 0.80 -21.12	42.21 0.87 -18.91	39.40 0.77 -18.82	37.64 0.76 -16.80	36.27 0.76 -15.60	31.74 1.01 -2.01	30.39 0.98 -0.57	28.06 0.99 -0.23
GINNA___ 23603	24.78 -1.28 -0.02	23.75 -1.54 0.32	23.93 -1.69 0.36	22.35 -1.73 0.23	23.48 -1.79 0.71	23.42 -1.54 0.23	24.49 -1.47 0.31	27.66 -1.66 0.87	28.72 -1.59 0.20	30.60 -1.68 0.66	30.65 -1.51 0.61	30.66 -1.46 0.42	29.75 -1.68 0.26	31.38 -1.74 0.32	26.25 -0.91 -1.85	24.06 -0.79 -2.23	24.26 -0.80 -3.34	24.65 -0.76 -2.98	22.10 -0.67 -2.97	21.66 -0.58 -2.17	21.24 -0.68 -2.01	27.60 -1.38 -0.26	27.15 -1.76 -0.07	25.26 -1.61 -0.03
GLEN PARK___ 23778	26.56 0.52 0.00	26.02 0.41 0.00	26.29 0.31 0.00	24.69 0.39 0.00	26.53 0.55 0.00	25.88 0.68 0.00	27.14 0.87 0.00	31.46 1.27 0.00	31.43 0.91 0.00	34.02 1.09 0.00	33.84 1.08 0.00	33.62 1.07 0.00	32.67 0.98 0.00	34.31 0.87 0.00	25.77 0.46 0.00	23.01 0.38 0.00	22.10 0.37 0.00	22.81 0.38 0.00	20.30 0.50 0.00	20.84 0.76 0.00	20.84 0.94 0.00	29.93 1.21 0.00	29.96 1.12 0.00	27.67 0.83 0.00
GLENDALE_27_KV_LOAD 356172	28.42 1.82 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.71 1.54 0.02	29.13 1.87 -0.99	33.62 1.96 -1.46	37.05 1.98 -4.56	40.30 2.21 -5.16	39.09 2.16 -4.17	37.67 2.18 -2.94	39.80 2.28 -5.83	42.62 2.54 -6.64	40.26 2.10 -12.84	40.10 1.97 -15.51	46.92 1.98 -23.22	45.28 2.09 -20.76	42.13 1.66 -20.66	40.13 1.59 -18.47	38.63 1.57 -17.15	33.08 2.15 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26

GLENWOOD_IC_1_G5 23712	43.43 1.77 -15.63	35.77 1.64 -8.52	32.66 1.77 -4.91	30.87 1.63 -4.94	30.97 1.74 -3.24	26.76 1.59 0.02	29.19 1.92 -0.99	33.80 2.14 -1.46	37.08 2.01 -4.56	40.34 2.24 -5.16	48.79 2.26 -13.77	49.45 2.25 -14.66	50.72 2.25 -16.78	54.17 2.44 -18.29	51.99 2.08 -24.59	52.34 1.92 -27.79	52.40 1.89 -28.78	69.93 2.00 -45.50	64.54 1.62 -43.11	52.14 1.59 -30.47	50.56 1.55 -29.10	50.35 2.10 -19.53	38.04 2.02 -7.18	37.82 1.99 -9.00
GLENWOOD_IC_2_G1 23688	43.41 1.74 -15.63	35.75 1.61 -8.52	32.50 1.61 -4.91	30.68 1.43 -4.94	30.78 1.56 -3.24	26.53 1.36 0.02	28.95 1.68 -0.99	33.53 1.87 -1.46	37.05 1.98 -4.56	40.21 2.11 -5.16	48.66 2.13 -13.76	49.38 2.18 -14.66	50.56 2.09 -16.78	54.07 2.34 -18.29	51.91 2.00 -24.59	52.23 1.81 -27.79	52.29 1.78 -28.78	69.70 1.88 -45.38	64.29 1.56 -42.92	52.04 1.49 -30.47	50.48 1.47 -29.10	50.23 1.98 -19.52	37.86 1.85 -7.18	37.71 1.88 -9.00
GLENWOOD_IC_3_G1 23689	43.41 1.74 -15.63	35.75 1.61 -8.52	32.50 1.61 -4.91	30.68 1.43 -4.94	30.78 1.56 -3.24	26.53 1.36 0.02	28.95 1.68 -0.99	33.53 1.87 -1.46	37.05 1.98 -4.56	40.21 2.11 -5.16	48.66 2.13 -13.76	49.38 2.18 -14.66	50.56 2.09 -16.78	54.07 2.34 -18.29	51.91 2.00 -24.59	52.23 1.81 -27.79	52.29 1.78 -28.78	69.70 1.88 -45.38	64.29 1.56 -42.92	52.04 1.49 -30.47	50.48 1.47 -29.10	50.23 1.98 -19.52	37.86 1.85 -7.18	37.71 1.88 -9.00
GLENWOOD___4 23550	43.51 1.85 -15.63	35.85 1.72 -8.52	32.66 1.77 -4.91	30.87 1.63 -4.94	30.97 1.74 -3.24	26.76 1.59 0.02	29.19 1.92 -0.99	33.80 2.14 -1.46	37.14 2.07 -4.56	40.40 2.31 -5.16	48.85 2.33 -13.77	49.51 2.31 -14.66	50.81 2.34 -16.78	54.27 2.54 -18.29	52.06 2.15 -24.59	52.41 1.99 -27.79	52.45 1.93 -28.78	69.97 2.04 -45.50	64.58 1.66 -43.11	52.20 1.65 -30.47	50.62 1.61 -29.10	50.43 2.18 -19.53	38.09 2.08 -7.18	37.88 2.04 -9.00
GLENWOOD___5 23614	43.51 1.85 -15.63	35.85 1.72 -8.52	32.66 1.77 -4.91	30.87 1.63 -4.94	30.97 1.74 -3.24	26.76 1.59 0.02	29.19 1.92 -0.99	33.80 2.14 -1.46	37.14 2.07 -4.56	40.40 2.31 -5.16	48.85 2.33 -13.77	49.51 2.31 -14.66	50.81 2.34 -16.78	54.27 2.54 -18.29	52.06 2.15 -24.59	52.41 1.99 -27.79	52.45 1.93 -28.78	69.97 2.04 -45.50	64.58 1.66 -43.11	52.20 1.65 -30.47	50.62 1.61 -29.10	50.43 2.18 -19.53	38.09 2.08 -7.18	37.88 2.04 -9.00
GLOBAL GREEN_PORT_GT1 23814	45.70 4.04 -15.63	37.84 3.71 -8.52	34.64 3.74 -4.91	32.65 3.40 -4.94	32.91 3.69 -3.24	28.24 3.07 0.02	30.76 3.49 -0.99	35.79 4.14 -1.46	39.55 4.49 -4.56	42.87 4.77 -5.16	51.44 4.91 -13.76	52.25 5.04 -14.66	53.28 4.81 -16.78	57.04 5.32 -18.29	54.16 4.25 -24.59	54.26 3.85 -27.79	54.19 3.67 -28.79	84.47 3.84 -58.20	86.51 3.33 -63.38	53.85 3.29 -30.48	52.35 3.32 -29.11	52.85 4.59 -19.54	40.63 4.61 -7.18	40.24 4.40 -9.01
GLOBE___DSASP 323697	25.41 -0.68 -0.05	24.13 -1.18 0.30	24.28 -1.38 0.32	22.63 -1.51 0.16	23.80 -1.53 0.65	23.82 -1.16 0.22	24.61 -1.42 0.24	27.79 -1.63 0.77	29.09 -1.40 0.01	30.88 -1.65 0.41	30.88 -1.47 0.41	30.82 -1.43 0.29	30.15 -1.52 0.01	31.60 -1.81 0.03	27.00 -0.61 -2.29	24.98 -0.41 -2.76	25.23 -0.63 -4.13	25.61 -0.56 -3.74	23.01 -0.51 -3.72	22.71 -0.24 -2.87	22.09 -0.46 -2.64	27.75 -1.32 -0.34	27.12 -1.82 -0.10	25.64 -1.23 -0.04
GOETHSLN___LBMP 323567	28.00 1.41 -0.56	26.86 1.28 0.03	27.39 1.22 -0.19	26.46 1.09 -1.06	27.31 1.17 -0.16	26.36 1.18 0.02	28.74 1.47 -0.99	33.25 1.60 -1.46	30.95 1.62 1.18	31.71 1.81 3.04	36.90 1.70 -2.43	36.62 1.72 -2.35	39.29 1.77 -5.83	42.09 2.01 -6.64	39.88 1.72 -12.84	39.74 1.61 -15.51	46.55 1.61 -23.22	44.89 1.70 -20.76	41.79 1.33 -20.66	39.81 1.26 -18.47	38.31 1.25 -17.15	32.43 1.64 -2.07	31.02 1.56 -0.62	28.67 1.58 -0.25
GOLAH___69_KV_TB 1_2 80279	26.09 0.03 -0.03	24.96 -0.33 0.32	25.11 -0.52 0.35	23.45 -0.63 0.22	24.63 -0.65 0.70	24.61 -0.35 0.23	25.73 -0.24 0.31	29.06 -0.27 0.86	30.25 -0.09 0.18	32.18 -0.13 0.62	32.18 0.00 0.58	32.24 0.10 0.40	31.37 -0.10 0.23	32.96 -0.20 0.28	27.65 0.43 -1.91	25.41 0.48 -2.30	25.47 0.28 -3.46	25.81 0.29 -3.08	23.13 0.26 -3.07	22.78 0.44 -2.26	22.35 0.34 -2.10	28.94 -0.06 -0.27	28.40 -0.52 -0.08	26.63 -0.24 -0.03
GOODYEAR_LAKE_HYD 323669	27.75 1.09 -0.63	26.52 0.97 0.06	27.18 1.01 -0.18	26.44 0.97 -1.17	27.19 1.09 -0.12	26.18 1.03 0.05	28.66 1.29 -1.10	33.40 1.63 -1.58	37.21 1.56 -5.14	40.47 1.75 -5.79	39.20 1.77 -4.67	37.56 1.72 -3.29	39.91 1.65 -6.58	42.64 1.71 -7.49	41.51 1.49 -14.70	41.76 1.38 -17.75	49.64 1.33 -26.59	47.32 1.39 -23.49	44.42 1.23 -23.39	42.21 1.28 -20.85	40.56 1.29 -19.36	32.82 1.61 -2.49	30.98 1.44 -0.70	28.44 1.31 -0.29
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.35 0.13 -0.18	25.38 -0.10 0.13	25.78 -0.13 0.07	24.41 -0.15 -0.25	25.61 -0.16 0.21	25.05 -0.05 0.09	26.58 0.11 -0.20	30.48 0.15 -0.14	32.06 0.18 -1.37	34.53 0.20 -1.39	34.12 0.26 -1.10	33.58 0.26 -0.78	33.66 0.22 -1.75	35.59 0.22 -1.99	30.61 0.56 -4.74	28.99 0.63 -5.73	30.85 0.56 -8.56	30.70 0.63 -7.64	27.94 0.53 -7.60	27.23 0.64 -6.51	26.51 0.56 -6.04	30.02 0.52 -0.78	29.26 0.20 -0.22	27.17 0.24 -0.09
GOUDEY___7 23579	26.38 0.16 -0.18	25.40 -0.08 0.13	25.81 -0.10 0.07	24.41 -0.15 -0.25	25.64 -0.13 0.21	25.08 -0.03 0.09	26.60 0.13 -0.20	30.54 0.21 -0.14	32.12 0.24 -1.37	34.59 0.26 -1.39	34.15 0.29 -1.10	33.61 0.29 -0.78	33.69 0.25 -1.75	35.66 0.23 -1.99	30.66 0.61 -4.74	29.01 0.66 -5.73	30.87 0.59 -8.56	30.72 0.65 -7.64	27.96 0.55 -7.60	27.25 0.66 -6.51	26.53 0.58 -6.04	30.05 0.55 -0.78	29.29 0.23 -0.22	27.19 0.27 -0.09
GOUDEY___8 23580	26.35 0.13 -0.18	25.38 -0.10 0.13	25.78 -0.13 0.07	24.41 -0.15 -0.25	25.61 -0.16 0.21	25.05 -0.05 0.09	26.58 0.11 -0.20	30.48 0.15 -0.14	32.06 0.18 -1.37	34.53 0.20 -1.39	34.12 0.26 -1.10	33.58 0.26 -0.78	33.66 0.22 -1.75	35.59 0.17 -1.99	30.61 0.56 -4.74	28.99 0.63 -5.73	30.85 0.56 -8.56	30.70 0.63 -7.64	27.94 0.53 -7.60	27.23 0.64 -6.51	26.51 0.56 -6.04	30.02 0.52 -0.78	29.26 0.20 -0.22	27.17 0.24 -0.09
GOWANUS_GT1_1 24077	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT1_2 24078	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26

GOWANUS_GT1_3 24079	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT1_4 24080	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT1_5 24084	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT1_6 24111	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT1_7 24112	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT1_8 24113	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26
GOWANUS_GT2_1 24114	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT2_2 24115	28.45 1.85																							

GOWANUS_GT3_2 24123	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT3_3 24124	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT3_4 24125	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT3_5 24126	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT3_6 24127	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT3_7 24128	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT3_8 24129	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.38 2.31 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.12 1.93 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
GOWANUS_GT4_1 24130	28.45 1.85																							

HOLTSVILLE_IC_4 23693	44.27 2.60 -15.63	36.49 2.35 -8.52	33.23 2.34 -4.91	31.36 2.11 -4.94	31.54 2.31 -3.24	26.91 1.74 0.02	29.37 2.10 -0.99	34.04 2.38 -1.46	37.63 2.56 -4.56	40.76 2.67 -5.16	49.18 2.65 -13.76	50.03 2.83 -14.66	51.16 2.69 -16.78	54.80 3.07 -18.29	52.46 2.56 -24.59	52.72 2.31 -27.79	52.73 2.22 -28.78	82.78 2.38 -57.97	84.85 2.04 -63.00	52.57 2.01 -30.48	51.07 2.05 -29.11	51.05 2.79 -19.54	38.90 2.88 -7.18	38.74 2.90 -9.01
HOLTSVILLE_IC_5 23694	44.27 2.60 -15.63	36.49 2.35 -8.52	33.23 2.34 -4.91	31.36 2.11 -4.94	31.54 2.31 -3.24	26.91 1.74 0.02	29.37 2.10 -0.99	34.04 2.38 -1.46	37.63 2.56 -4.56	40.76 2.67 -5.16	49.18 2.65 -13.76	50.03 2.83 -14.66	51.16 2.69 -16.78	54.80 3.07 -18.29	52.46 2.56 -24.59	52.72 2.31 -27.79	52.73 2.22 -28.78	82.78 2.38 -57.97	84.85 2.04 -63.00	52.57 2.01 -30.48	51.07 2.05 -29.11	51.05 2.79 -19.54	38.90 2.88 -7.18	38.74 2.90 -9.01
HOLTSVILLE_IC_6 23695	44.47 2.81 -15.63	36.69 2.56 -8.52	33.44 2.55 -4.91	31.56 2.31 -4.94	31.74 2.52 -3.24	27.11 1.94 0.02	29.58 2.31 -0.99	34.31 2.66 -1.46	37.91 2.84 -4.56	41.00 2.90 -5.16	49.48 2.95 -13.76	50.29 3.09 -14.66	51.44 2.98 -16.78	55.10 3.38 -18.29	52.72 2.81 -24.59	52.95 2.53 -27.79	52.95 2.43 -28.79	83.87 2.62 -58.81	86.43 2.28 -64.35	52.79 2.23 -30.48	51.31 2.29 -29.11	51.36 3.10 -19.54	39.19 3.17 -7.18	38.98 3.14 -9.01
HOLTSVILLE_IC_7 23696	44.47 2.81 -15.63	36.69 2.56 -8.52	33.44 2.55 -4.91	31.56 2.31 -4.94	31.74 2.52 -3.24	27.11 1.94 0.02	29.58 2.31 -0.99	34.31 2.66 -1.46	37.91 2.84 -4.56	41.00 2.90 -5.16	49.48 2.95 -13.76	50.29 3.09 -14.66	51.44 2.98 -16.78	55.10 3.38 -18.29	52.72 2.81 -24.59	52.95 2.53 -27.79	52.95 2.43 -28.79	83.87 2.62 -58.81	86.43 2.28 -64.35	52.79 2.23 -30.48	51.31 2.29 -29.11	51.36 3.10 -19.54	39.19 3.17 -7.18	38.98 3.14 -9.01
HOLTSVILLE_IC_8 23697	44.47 2.81 -15.63	36.69 2.56 -8.52	33.44 2.55 -4.91	31.56 2.31 -4.94	31.74 2.52 -3.24	27.11 1.94 0.02	29.58 2.31 -0.99	34.31 2.66 -1.46	37.91 2.84 -4.56	41.00 2.90 -5.16	49.48 2.95 -13.76	50.29 3.09 -14.66	51.44 2.98 -16.78	55.10 3.38 -18.29	52.72 2.81 -24.59	52.95 2.53 -27.79	52.95 2.43 -28.79	83.87 2.62 -58.81	86.43 2.28 -64.35	52.79 2.23 -30.48	51.31 2.29 -29.11	51.36 3.10 -19.54	39.19 3.17 -7.18	38.98 3.14 -9.01
HOLTSVILLE_IC_9 23698	44.47 2.81 -15.63	36.69 2.56 -8.52	33.44 2.55 -4.91	31.56 2.31 -4.94	31.74 2.52 -3.24	27.11 1.94 0.02	29.58 2.31 -0.99	34.31 2.66 -1.46	37.91 2.84 -4.56	41.00 2.90 -5.16	49.48 2.95 -13.76	50.29 3.09 -14.66	51.44 2.98 -16.78	55.10 3.38 -18.29	52.72 2.81 -24.59	52.95 2.53 -27.79	52.95 2.43 -28.79	83.87 2.62 -58.81	86.43 2.28 -64.35	52.79 2.23 -30.48	51.31 2.29 -29.11	51.36 3.10 -19.54	39.19 3.17 -7.18	38.98 3.14 -9.01
HOMER_HL_115KV_TB2 355744	25.33 -0.78 -0.08	23.84 -1.51 0.26	24.03 -1.69 0.26	22.51 -1.73 0.07	23.67 -1.77 0.54	23.62 -1.39 0.19	24.87 -1.26 0.14	28.39 -1.27 0.54	29.70 -1.13 -0.32	31.61 -1.35 -0.02	31.47 -1.24 0.05	31.25 -1.27 0.03	30.82 -1.27 -0.40	32.35 -1.54 -0.44	28.52 0.41 -2.80	26.51 0.50 -3.38	27.12 0.30 -5.09	27.42 0.45 -4.54	24.64 0.34 -4.50	24.28 0.60 -3.60	23.57 0.32 -3.34	29.07 -0.09 -0.43	28.21 -0.75 -0.12	26.43 -0.46 -0.05
HOWARD_WT_PWR 323690	26.34 0.21 -0.10	25.11 -0.28 0.22	25.35 -0.42 0.21	23.82 -0.49 0.00	25.09 -0.44 0.45	24.99 -0.05 0.16	26.34 0.13 0.07	30.15 0.33 0.37	31.31 0.27 -0.52	33.57 0.33 -0.31	33.38 0.42 -0.20	33.05 0.36 -0.14	32.86 0.51 -0.67	34.42 0.24 -0.75	29.42 1.01 -3.09	27.31 0.95 -3.74	28.25 0.93 -5.59	28.44 1.01 -4.99	25.63 0.85 -4.97	25.21 1.08 -4.05	24.58 0.92 -3.76	29.92 0.72 -0.48	29.15 0.17 -0.14	27.19 0.30 -0.06
HQ_GEN_CEDARS 23644	26.09 0.05 0.00	25.74 0.13 0.00	26.08 0.10 0.00	24.43 0.12 0.00	26.14 0.16 0.00	25.37 0.18 0.00	26.27 0.00 0.00	30.10 -0.09 0.00	30.30 -0.21 0.00	32.70 -0.23 0.00	32.50 -0.26 0.00	32.28 -0.26 0.00	31.43 -0.25 0.00	33.14 -0.30 0.00	24.73 -0.58 0.00	21.81 -0.81 0.00	20.99 -0.74 0.00	21.29 -1.14 0.00	18.84 -0.97 0.00	19.05 -1.02 0.00	18.97 -0.94 0.00	28.32 -0.40 0.00	28.93 0.09 0.00	26.81 -0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	26.09 0.05 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.43 0.12 0.00	26.11 0.13 0.00	25.37 0.18 0.00	26.27 0.00 0.00	30.01 -0.18 0.00	30.30 -0.21 0.00	32.71 -0.23 0.00	32.53 -0.26 0.00	32.28 -0.26 0.00	31.50 -0.19 0.00	33.17 -0.27 0.00	24.73 -0.58 0.00	21.84 -0.79 0.00	20.97 -0.76 0.00	21.29 -1.14 0.00	18.84 -0.97 0.00	19.05 -1.02 0.00	18.87 -0.94 0.10	28.42 -0.40 -0.10	28.93 0.09 0.00	26.81 -0.03 0.00
HQ_GEN_IMPORT 323601	25.80 -0.23 0.00	25.46 -0.15 0.00	25.80 -0.18 0.00	24.18 -0.12 0.00	25.80 -0.18 0.00	25.07 -0.13 0.00	25.99 -0.29 0.00	29.86 -0.33 0.00	30.18 -0.33 0.00	32.54 -0.39 0.00	32.37 -0.39 0.00	32.16 -0.39 0.00	31.34 -0.35 0.00	33.07 -0.37 0.00	24.78 -0.53 0.00	22.09 -0.54 0.00	21.21 -0.52 0.00	21.85 -0.58 0.00	19.29 -0.52 0.00	19.56 -0.52 0.00	19.31 -0.50 0.10	28.39 -0.43 -0.10	28.58 -0.26 0.00	26.52 -0.32 0.00
HQ_GEN_WHEEL 23651	25.80 -0.23 0.00	25.46 -0.15 0.00	25.80 -0.18 0.00	24.18 -0.12 0.00	25.80 -0.18 0.00	25.07 -0.13 0.00	25.99 -0.29 0.00	29.86 -0.33 0.00	30.18 -0.33 0.00	32.54 -0.39 0.00	32.37 -0.39 0.00	32.16 -0.39 0.00	31.34 -0.35 0.00	33.07 -0.37 0.00	24.78 -0.53 0.00	22.09 -0.54 0.00	21.21 -0.52 0.00	21.85 -0.58 0.00	19.29 -0.52 0.00	19.56 -0.52 0.00	19.31 -0.50 0.10	28.39 -0.43 -0.10	28.58 -0.26 0.00	26.52 -0.32 0.00
HUDSON_AVE_GT_3 23810	28.21 1.61 -0.56	27.06 1.49 0.03	27.60 1.43 -0.19	26.65 1.29 -1.06	27.52 1.38 -0.16	26.53 1.36 0.02	28.95 1.68 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.55	40.17 2.07 -5.16	38.93 2.00 -4.17	37.47 1.99 -2.94	39.58 2.06 -5.83	42.35 2.27 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.72 1.78 -23.22	45.07 1.88 -20.76	41.97 1.51 -20.66	39.97 1.43 -18.47	38.47 1.41 -17.15	32.83 1.90 -2.21	31.25 1.79 -0.62	28.89 1.80 -0.25
HUDSON_AVE_GT_4 23540	28.21 1.61 -0.56	27.06 1.49 0.03	27.60 1.43 -0.19	26.65 1.29 -1.06	27.52 1.38 -0.16	26.53 1.36 0.02	28.95 1.68 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.55	40.17 2.07 -5.16	38.93 2.00 -4.17	37.47 1.99 -2.94	39.58 2.06 -5.83	42.35 2.27 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.72 1.78 -23.22	45.07 1.88 -20.76	41.97 1.51 -20.66	39.97 1.43 -18.47	38.47 1.41 -17.15	32.83 1.90 -2.21	31.25 1.79 -0.62	28.89 1.80 -0.25
HUDSON_AVE_GT_5 23657	28.21 1.61 -0.56	27.06 1.49 0.03	27.60 1.43 -0.19	26.65 1.29 -1.06	27.52 1.38 -0.16	26.53 1.36 0.02	28.95 1.68 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.55	40.17 2.07 -5.16	38.93 2.00 -4.17	37.47 1.99 -2.94	39.58 2.06 -5.83	42.35 2.27 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.72 1.78 -23.22	45.07 1.88 -20.76	41.97 1.51 -20.66	39.97 1.43 -18.47	38.47 1.41 -17.15	32.83 1.90 -2.21	31.25 1.79 -0.62	28.89 1.80 -0.25

INDECK___YERKES 23781	25.98 -0.10 -0.05	24.70 -0.61 0.29	24.83 -0.83 0.31	23.13 -1.02 0.15	24.36 -0.99 0.63	24.38 -0.60 0.21	25.33 -0.71 0.23	28.87 -0.60 0.72	30.07 -0.49 -0.05	32.05 -0.56 0.33	32.00 -0.43 0.34	31.86 -0.46 0.23	31.34 -0.41 -0.07	32.79 -0.70 -0.06	28.08 0.40 -2.36	25.88 0.41 -2.85	26.31 0.33 -4.26	26.49 0.25 -3.81	23.68 0.08 -3.79	23.38 0.36 -2.94	22.77 0.14 -2.72	28.56 -0.52 -0.35	27.96 -0.98 -0.10	26.31 -0.56 -0.04
INDIAN POINT_GT_1 24139	28.02 1.43 -0.55	26.91 1.33 0.03	27.47 1.30 -0.19	26.52 1.17 -1.05	27.38 1.25 -0.16	26.38 1.21 0.02	28.75 1.50 -0.98	33.27 1.63 -1.45	36.70 1.68 -4.51	39.85 1.81 -5.11	38.65 1.77 -4.12	37.21 1.76 -2.91	39.23 1.77 -5.77	41.95 1.94 -6.57	39.70 1.67 -12.71	39.54 1.56 -15.35	46.23 1.52 -22.98	44.61 1.64 -20.54	41.56 1.31 -20.45	39.64 1.28 -18.28	38.16 1.27 -16.97	32.60 1.69 -2.19	31.04 1.59 -0.62	28.67 1.58 -0.25
INDIAN POINT_GT_2 23659	28.02 1.43 -0.55	26.91 1.33 0.03	27.47 1.30 -0.19	26.52 1.17 -1.05	27.38 1.25 -0.16	26.38 1.21 0.02	28.75 1.50 -0.98	33.27 1.63 -1.45	36.70 1.68 -4.51	39.85 1.81 -5.11	38.65 1.77 -4.12	37.21 1.76 -2.91	39.23 1.77 -5.77	41.95 1.94 -6.57	39.70 1.67 -12.71	39.54 1.56 -15.35	46.23 1.52 -22.98	44.61 1.64 -20.54	41.56 1.31 -20.45	39.64 1.28 -18.28	38.16 1.27 -16.97	32.60 1.69 -2.19	31.04 1.59 -0.62	28.67 1.58 -0.25
INDIAN POINT_GT_3 24019	28.02 1.43 -0.55	26.91 1.33 0.03	27.47 1.30 -0.19	26.52 1.17 -1.05	27.38 1.25 -0.16	26.38 1.21 0.02	28.75 1.50 -0.98	33.27 1.63 -1.45	36.70 1.68 -4.51	39.85 1.81 -5.11	38.65 1.77 -4.12	37.21 1.76 -2.91	39.23 1.77 -5.77	41.95 1.94 -6.57	39.70 1.67 -12.71	39.54 1.56 -15.35	46.23 1.52 -22.98	44.61 1.64 -20.54	41.56 1.31 -20.45	39.64 1.28 -18.28	38.16 1.27 -16.97	32.60 1.69 -2.19	31.04 1.59 -0.62	28.67 1.58 -0.25
INDIAN POINT___2 23530	27.96 1.38 -0.54	26.86 1.28 0.03	27.41 1.25 -0.19	26.46 1.12 -1.03	27.35 1.22 -0.15	26.31 1.13 0.02	28.66 1.42 -0.97	33.18 1.57 -1.43	36.57 1.62 -4.44	39.71 1.74 -5.03	38.53 1.70 -4.06	37.14 1.72 -2.87	39.05 1.68 -5.68	41.76 1.84 -6.48	39.44 1.60 -12.53	39.21 1.45 -15.13	45.85 1.46 -22.66	44.24 1.55 -20.26	41.24 1.27 -20.17	39.29 1.18 -18.03	37.82 1.17 -16.74	32.46 1.58 -2.15	30.89 1.44 -0.61	28.56 1.48 -0.25
INDIAN POINT___3 23531	27.99 1.41 -0.55	26.88 1.31 0.03	27.44 1.27 -0.19	26.52 1.17 -1.05	27.38 1.25 -0.16	26.36 1.18 0.02	28.73 1.47 -0.98	33.21 1.57 -1.45	36.67 1.65 -4.51	39.82 1.78 -5.11	38.62 1.74 -4.12	37.18 1.72 -2.91	39.20 1.74 -5.77	41.89 1.87 -6.58	39.65 1.62 -12.72	39.52 1.54 -15.35	46.19 1.48 -22.99	44.58 1.59 -20.55	41.55 1.29 -20.46	39.61 1.24 -18.29	38.12 1.23 -16.98	32.57 1.67 -2.19	31.01 1.56 -0.62	28.67 1.58 -0.25
INGHAM_C_115KV_TB7 356103	25.82 -0.21 0.01	25.37 -0.20 0.03	25.76 -0.18 0.04	24.15 -0.12 0.04	25.80 -0.10 0.07	25.02 -0.15 0.02	26.20 -0.03 0.05	30.17 0.09 0.11	30.52 0.09 0.08	33.19 0.40 0.14	33.07 0.43 0.12	32.85 0.39 0.08	31.96 0.38 0.11	33.71 0.40 0.13	25.62 0.30 0.00	22.90 0.27 0.00	21.99 0.26 0.00	22.55 0.11 0.00	19.89 0.08 0.00	20.16 0.08 0.00	19.99 0.08 0.00	28.81 0.09 0.00	28.90 0.06 0.00	26.89 0.05 0.00
IP CORINTH___1 23988	29.54 1.85 -1.65	27.32 1.72 0.00	28.40 1.74 -0.68	29.11 1.58 -3.22	28.40 1.74 -0.68	26.83 1.64 0.00	31.18 1.76 -3.15	40.66 2.02 -8.45	53.42 2.11 -20.80	60.92 2.27 -25.71	56.84 2.10 -21.98	50.83 2.15 -16.14	62.26 2.03 -28.55	68.69 2.14 -33.11	77.33 1.44 -50.57	88.35 1.24 -64.47	108.41 1.26 -85.43	84.64 1.26 -60.95	81.76 1.29 -60.67	76.00 1.49 -54.44	71.91 1.45 -50.55	37.24 2.01 -6.51	32.52 1.85 -1.83	29.25 1.66 -0.75
IP___TICONDEROGA 23804	31.14 3.46 -1.65	28.78 3.18 0.00	29.85 3.20 -0.67	30.45 2.94 -3.20	29.82 3.17 -0.67	28.29 3.10 0.00	32.56 3.15 -3.13	42.80 3.80 -8.81	55.85 3.91 -21.43	63.82 4.25 -26.64	59.87 4.26 -22.85	53.73 4.36 -16.82	65.30 4.06 -29.56	71.90 4.15 -34.32	80.04 3.11 -51.61	91.35 2.65 -66.07	111.04 2.63 -86.68	85.66 2.62 -60.60	82.62 2.50 -60.32	76.93 2.73 -54.12	72.93 2.77 -50.26	38.98 3.79 -6.47	34.09 3.43 -1.82	30.62 3.03 -0.75
ISLIP_RES_REC 323679	44.63 2.97 -15.63	36.82 2.69 -8.52	33.60 2.70 -4.91	31.68 2.43 -4.94	31.88 2.65 -3.24	27.24 2.07 0.02	29.74 2.47 -0.99	34.52 2.87 -1.46	38.12 3.05 -4.56	41.23 3.13 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.73 3.26 -16.78	55.40 3.68 -18.29	52.92 3.01 -24.59	53.15 2.74 -27.79	53.14 2.63 -28.79	82.90 2.83 -57.64	84.72 2.44 -62.48	52.95 2.39 -30.48	51.47 2.45 -29.11	51.59 3.33 -19.54	39.39 3.37 -7.18	39.17 3.33 -9.01
JAMAICA___27_KV_LOAD 355505	28.31 1.72 -0.56	27.14 1.56 0.03	27.65 1.48 -0.19	26.70 1.34 -1.06	27.57 1.43 -0.16	26.63 1.46 0.02	29.08 1.81 -0.99	33.65 1.99 -1.46	37.11 2.04 -4.55	40.34 2.24 -5.16	38.93 2.00 -4.17	37.47 1.99 -2.94	39.58 2.06 -5.83	42.39 2.31 -6.64	40.08 1.92 -12.84	39.94 1.81 -15.51	46.77 1.83 -23.22	45.12 1.93 -20.76	42.01 1.54 -20.66	40.03 1.49 -18.47	38.53 1.47 -17.15	32.86 1.92 -2.21	31.39 1.93 -0.62	29.05 1.96 -0.25
JANIS___SOLAR 323808	27.04 0.83 -0.18	26.10 0.61 0.12	26.46 0.55 0.07	25.10 0.56 -0.24	26.48 0.70 0.20	25.99 0.88 0.09	27.65 1.18 -0.19	32.01 1.69 -0.13	33.21 1.40 -1.29	35.77 1.52 -1.31	35.30 1.51 -1.03	34.64 1.37 -0.73	34.58 1.23 -1.66	36.56 1.24 -1.88	31.02 1.19 -4.52	29.21 1.13 -5.45	31.02 1.13 -8.17	30.94 1.23 -7.28	28.28 1.23 -7.24	27.69 1.45 -6.16	27.10 1.47 -5.72	31.15 1.69 -0.74	30.40 1.36 -0.21	28.10 1.18 -0.09
JARVIS____ 23743	26.16 0.13 0.01	25.71 0.13 0.03	26.07 0.13 0.04	24.39 0.12 0.04	26.07 0.16 0.07	25.30 0.13 0.02	26.39 0.16 0.05	30.30 0.21 0.11	30.64 0.22 0.08	33.06 0.26 0.14	32.90 0.26 0.12	32.72 0.26 0.08	31.83 0.25 0.11	33.58 0.27 0.13	25.57 0.25 0.00	22.85 0.23 0.00	21.94 0.22 0.00	22.64 0.20 0.00	19.98 0.18 0.00	20.24 0.16 0.00	20.07 0.16 0.00	28.90 0.17 0.00	28.98 0.14 0.00	26.97 0.13 0.00
JENNISON___1 23625	27.36 1.07 -0.26	26.35 0.85 0.11	26.77 0.81 0.01	25.52 0.80 -0.42	26.81 0.96 0.13	26.18 1.06 0.08	28.01 1.37 -0.36	32.51 1.90 -0.42	34.24 1.71 -2.02	37.04 1.94 -2.16	36.49 2.00 -1.72	35.62 1.86 -1.22	36.01 1.74 -2.58	38.18 1.81 -2.94	33.36 1.67 -6.38	31.91 1.58 -7.70	34.81 1.52 -11.57	34.30 1.57 -10.29	31.48 1.43 -10.24	30.59 1.59 -8.92	29.81 1.61 -8.29	31.74 1.95 -1.07	30.78 1.64 -0.30	28.38 1.42 -0.12
JENNISON___2 23626	27.36 1.07 -0.26	26.35 0.85 0.11	26.77 0.81 0.01	25.52 0.80 -0.42	26.81 0.96 0.13	26.18 1.06 0.08	28.01 1.37 -0.36	32.51 1.90 -0.42	34.24 1.71 -2.02	37.04 1.94 -2.16	36.49 2.00 -1.72	35.62 1.86 -1.22	36.01 1.74 -2.58	38.18 1.81 -2.94	33.36 1.67 -6.38	31.91 1.58 -7.70	34.81 1.52 -11.57	34.30 1.57 -10.29	31.48 1.43 -10.24	30.59 1.59 -8.92	29.81 1.61 -8.29	31.74 1.95 -1.07	30.78 1.64 -0.30	28.38 1.42 -0.12

JERICO_RISE_WT_PWR 323719	25.77 -0.26 0.00	25.43 -0.18 0.00	25.75 -0.23 0.00	24.16 -0.14 0.00	25.88 -0.10 0.00	25.20 0.00 0.00	26.14 -0.13 0.00	30.13 -0.06 0.00	30.27 -0.25 0.00	32.47 -0.46 0.00	32.24 -0.53 0.00	32.16 -0.39 0.00	31.31 -0.38 0.00	33.10 -0.33 0.00	24.66 -0.66 0.00	21.95 -0.68 0.00	21.16 -0.57 0.00	21.90 -0.54 0.00	19.35 -0.45 0.00	19.58 -0.50 0.00	19.61 -0.30 0.00	28.64 -0.09 0.00	28.95 0.12 0.00	26.84 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	28.22 1.61 -0.57	27.09 1.51 0.03	27.66 1.48 -0.20	26.72 1.34 -1.08	27.57 1.43 -0.16	26.56 1.39 0.02	28.99 1.71 -1.01	33.55 1.87 -1.49	37.09 1.95 -4.63	40.29 2.11 -5.24	39.09 2.10 -4.23	37.58 2.05 -2.99	39.63 2.03 -5.92	42.39 2.21 -6.74	40.17 1.82 -13.04	40.09 1.72 -15.74	46.97 1.67 -23.56	45.30 1.79 -21.07	42.22 1.45 -20.97	40.27 1.45 -18.75	38.73 1.41 -17.41	32.86 1.90 -2.24	31.20 1.73 -0.63	28.81 1.72 -0.26
KCE_NY_1 323755	29.54 1.88 -1.63	27.37 1.77 0.00	28.44 1.79 -0.67	29.16 1.68 -3.18	28.44 1.79 -0.67	26.86 1.66 0.00	31.20 1.81 -3.12	41.59 2.08 -9.32	54.94 2.10 -22.33	63.18 2.30 -27.94	59.09 2.26 -24.07	52.60 2.28 -17.78	64.89 2.22 -30.98	71.76 2.31 -36.02	80.18 1.80 -53.07	92.54 1.58 -68.33	111.73 1.54 -88.46	84.11 1.57 -60.10	81.06 1.43 -59.83	75.24 1.49 -53.68	71.20 1.45 -49.84	37.18 2.04 -6.42	32.58 1.93 -1.81	29.38 1.80 -0.74
KCE_NY_6_ESR 323823	25.94 -0.16 -0.06	24.58 -0.74 0.28	24.75 -0.93 0.30	23.08 -1.09 0.13	24.29 -1.09 0.60	24.29 -0.71 0.20	25.39 -0.68 0.20	28.84 -0.69 0.66	30.05 -0.61 -0.14	32.03 -0.69 0.21	31.97 -0.56 0.24	31.80 -0.58 0.16	31.49 -0.38 -0.18	32.83 -0.80 -0.19	28.25 0.43 -2.51	26.11 0.45 -3.03	26.61 0.35 -4.53	26.93 0.45 -4.05	24.09 0.26 -4.03	23.76 0.52 -3.16	23.14 0.30 -2.93	28.81 -0.29 -0.38	28.20 -0.75 -0.11	26.48 -0.40 -0.04
KEDC_PORT_JEFF_GT2 24210	44.42 2.76 -15.63	36.61 2.48 -8.52	33.39 2.49 -4.91	31.48 2.23 -4.94	31.67 2.44 -3.24	27.06 1.89 0.02	29.50 2.23 -0.99	34.22 2.56 -1.46	37.63 2.56 -4.56	40.73 2.64 -5.16	49.21 2.69 -13.76	50.03 2.83 -14.66	51.19 2.73 -16.78	54.84 3.11 -18.29	52.52 2.61 -24.59	52.77 2.35 -27.79	52.79 2.28 -28.79	85.28 2.42 -60.42	88.83 2.10 -66.92	52.61 2.05 -30.48	51.19 2.17 -29.11	51.19 2.93 -19.54	39.10 3.09 -7.18	38.90 3.06 -9.01
KEDC_PORT_JEFF_GT3 24211	44.42 2.76 -15.63	36.61 2.48 -8.52	33.39 2.49 -4.91	31.48 2.23 -4.94	31.67 2.44 -3.24	27.06 1.89 0.02	29.50 2.23 -0.99	34.22 2.56 -1.46	37.63 2.56 -4.56	40.73 2.64 -5.16	49.21 2.69 -13.76	50.03 2.83 -14.66	51.19 2.73 -16.78	54.84 3.11 -18.29	52.52 2.61 -24.59	52.77 2.35 -27.79	52.79 2.28 -28.79	85.28 2.42 -60.42	88.83 2.10 -66.92	52.61 2.05 -30.48	51.19 2.17 -29.11	51.19 2.93 -19.54	39.10 3.09 -7.18	38.90 3.06 -9.01
KEDC_GLWD_GT4 24219	43.43 1.77 -15.63	35.90 1.77 -8.52	32.66 1.77 -4.91	30.82 1.58 -4.94	30.94 1.71 -3.24	26.66 1.49 0.02	29.08 1.81 -0.99	33.68 2.02 -1.46	37.23 2.17 -4.56	40.24 2.14 -5.16	48.69 2.16 -13.76	49.44 2.24 -14.66	50.62 2.16 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.34 1.83 -28.78	69.84 1.91 -45.50	64.52 1.60 -43.11	52.06 1.51 -30.47	50.50 1.49 -29.10	50.26 2.01 -19.53	37.89 1.87 -7.18	37.74 1.91 -9.00
KEDC_GLWD_GT5 24220	43.43 1.77 -15.63	35.90 1.77 -8.52	32.66 1.77 -4.91	30.82 1.58 -4.94	30.94 1.71 -3.24	26.66 1.49 0.02	29.08 1.81 -0.99	33.68 2.02 -1.46	37.23 2.17 -4.56	40.24 2.14 -5.16	48.69 2.16 -13.76	49.44 2.24 -14.66	50.62 2.16 -16.78	54.13 2.41 -18.29	51.96 2.05 -24.59	52.27 1.86 -27.79	52.34 1.83 -28.78	69.84 1.91 -45.50	64.52 1.60 -43.11	52.06 1.51 -30.47	50.50 1.49 -29.10	50.26 2.01 -19.53	37.89 1.87 -7.18	37.74 1.91 -9.00
KENSICO____ 23655	28.10 1.51 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.60 1.24 -1.06	27.49 1.35 -0.16	26.46 1.28 0.02	28.87 1.60 -0.99	33.37 1.72 -1.46	36.83 1.77 -4.55	40.03 1.94 -5.15	38.82 1.90 -4.16	37.37 1.89 -2.93	39.40 1.90 -5.82	42.14 2.07 -6.63	39.93 1.80 -12.81	39.78 1.67 -15.47	46.52 1.63 -23.17	44.87 1.73 -20.71	41.83 1.41 -20.62	39.87 1.37 -18.43	38.38 1.35 -17.11	32.74 1.81 -2.20	31.16 1.70 -0.62	28.78 1.69 -0.25
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.11 1.51 -0.56	26.99 1.41 0.03	27.52 1.35 -0.19	26.59 1.22 -1.07	27.44 1.30 -0.16	26.43 1.26 0.02	28.82 1.55 -1.00	32.98 1.69 -1.10	36.20 1.80 -3.89	39.15 2.01 -4.21	37.90 1.87 -3.28	36.61 1.82 -2.25	38.25 1.77 -4.78	40.77 1.94 -5.40	38.65 1.62 -11.72	38.02 1.58 -13.81	45.04 1.52 -21.80	44.94 1.62 -20.89	41.98 1.39 -20.79	40.01 1.35 -18.59	38.50 1.33 -17.26	32.67 1.72 -2.22	31.11 1.64 -0.63	28.70 1.61 -0.26
KIAC_JFK_GT1 23816	28.18 1.59 -0.56	27.01 1.43 0.03	27.55 1.38 -0.19	26.58 1.22 -1.06	27.44 1.30 -0.16	26.51 1.34 0.02	28.95 1.68 -0.99	33.41 1.75 -1.46	36.84 1.77 -4.55	40.01 1.91 -5.16	38.60 1.67 -4.17	37.14 1.66 -2.94	39.26 1.74 -5.83	42.05 1.97 -6.64	39.83 1.67 -12.84	39.70 1.56 -15.51	46.53 1.59 -23.22	44.92 1.73 -20.76	41.83 1.37 -20.66	39.83 1.28 -18.47	38.35 1.29 -17.15	32.60 1.67 -2.21	31.16 1.70 -0.62	28.92 1.82 -0.25
KIAC_JFK_GT2 23817	28.18 1.59 -0.56	27.01 1.43 0.03	27.55 1.38 -0.19	26.58 1.22 -1.06	27.44 1.30 -0.16	26.51 1.34 0.02	28.95 1.68 -0.99	33.41 1.75 -1.46	36.84 1.77 -4.55	40.01 1.91 -5.16	38.60 1.67 -4.17	37.14 1.66 -2.94	39.26 1.74 -5.83	42.05 1.97 -6.64	39.83 1.67 -12.84	39.70 1.56 -15.51	46.53 1.59 -23.22	44.92 1.73 -20.76	41.83 1.37 -20.66	39.83 1.28 -18.47	38.35 1.29 -17.15	32.60 1.67 -2.21	31.16 1.70 -0.62	28.92 1.82 -0.25
KIAC_JFK____ 323774	28.18 1.59 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.56 1.19 -1.06	27.44 1.30 -0.16	26.46 1.28 0.02	28.95 1.68 -0.99	33.40 1.75 -1.46	36.84 1.77 -4.55	40.01 1.91 -5.16	38.53 1.60 -4.17	37.18 1.69 -2.94	39.19 1.68 -5.83	41.98 1.91 -6.64	39.77 1.62 -12.84	39.62 1.49 -15.50	46.49 1.54 -23.22	44.85 1.66 -20.76	41.81 1.35 -20.66	39.77 1.22 -18.47	38.29 1.23 -17.15	32.54 1.61 -2.21	30.99 1.53 -0.62	28.81 1.72 -0.25
KINTIGH____ 23543	25.76 -0.31 -0.03	24.55 -0.74 0.32	24.72 -0.91 0.35	23.08 -1.02 0.21	24.24 -1.04 0.70	24.23 -0.73 0.23	25.27 -0.71 0.29	28.51 -0.85 0.83	29.76 -0.64 0.11	31.63 -0.76 0.54	31.62 -0.62 0.52	31.60 -0.59 0.36	30.85 -0.70 0.14	32.36 -0.90 0.18	27.30 -0.10 -2.09	25.17 0.02 -2.52	25.33 -0.17 -3.78	25.76 -0.04 -3.37	23.12 -0.04 -3.36	22.79 0.18 -2.53	22.28 0.02 -2.35	28.39 -0.63 -0.30	27.83 -1.10 -0.09	26.09 -0.78 -0.03
KNTFSRNC_46_KV_46KV_LOAD 80397	26.11 0.08 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.52 0.33 0.00	30.51 0.00 0.00	32.70 -0.23 0.00	32.47 -0.29 0.00	32.38 -0.16 0.00	31.47 -0.22 0.00	33.31 -0.13 0.00	24.91 -0.41 0.00	22.15 -0.48 0.00	21.40 -0.33 0.00	22.16 -0.27 0.00	19.61 -0.20 0.00	19.82 -0.26 0.00	19.95 0.04 0.00	29.07 0.34 0.00	29.33 0.49 0.00	27.21 0.38 0.00

LACHUTE____HYDRO 323717	31.14 3.46 -1.65	28.78 3.17 0.00	29.85 3.19 -0.67	30.47 2.96 -3.20	29.85 3.19 -0.67	28.29 3.10 0.00	32.56 3.15 -3.13	42.80 3.80 -8.81	55.85 3.91 -21.43	63.82 4.25 -26.64	59.90 4.29 -22.85	53.69 4.33 -16.82	65.34 4.09 -29.56	71.90 4.15 -34.32	80.03 3.11 -51.61	91.32 2.62 -66.07	111.04 2.63 -86.68	85.66 2.62 -60.60	82.60 2.48 -60.32	76.91 2.71 -54.12	72.91 2.75 -50.26	38.98 3.79 -6.47	34.12 3.46 -1.82	30.59 3.01 -0.75
LAWRNCV_115KV_TB1 80681	26.09 0.05 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.45 0.15 0.00	26.19 0.21 0.00	25.45 0.25 0.00	26.38 0.11 0.00	30.28 0.09 0.00	30.42 -0.09 0.00	32.87 -0.07 0.00	32.66 -0.10 0.00	32.45 -0.10 0.00	31.59 -0.10 0.00	33.17 -0.27 0.00	24.66 -0.66 0.00	21.70 -0.93 0.00	20.84 -0.89 0.00	21.15 -1.28 0.00	18.74 -1.07 0.00	18.95 -1.12 0.00	18.97 -0.94 0.00	28.41 -0.32 0.00	29.01 0.17 0.00	26.89 0.05 0.00
LEDERLE____ 23769	28.06 1.48 -0.54	26.93 1.36 0.03	27.49 1.33 -0.18	26.51 1.19 -1.02	27.40 1.27 -0.15	26.41 1.23 0.02	28.75 1.52 -0.95	33.25 1.66 -1.40	36.63 1.74 -4.38	39.80 1.91 -4.96	38.63 1.87 -4.00	37.22 1.86 -2.82	39.13 1.84 -5.60	41.83 2.01 -6.38	39.39 1.72 -12.35	39.17 1.63 -14.91	45.62 1.56 -22.33	44.06 1.66 -19.96	41.02 1.35 -19.87	39.16 1.33 -17.76	37.69 1.29 -16.49	32.63 1.78 -2.12	31.08 1.64 -0.60	28.72 1.64 -0.25
LIGHTHSE_115KV_TB6 355974	25.82 -0.26 -0.05	25.22 -0.38 0.00	25.58 -0.42 -0.02	24.01 -0.39 -0.09	25.64 -0.36 -0.02	24.94 -0.25 0.00	26.23 -0.13 -0.09	30.26 -0.06 -0.13	30.75 -0.15 -0.39	33.25 -0.13 -0.45	33.00 -0.13 -0.36	32.70 -0.10 -0.26	32.06 -0.13 -0.50	33.81 -0.20 -0.57	26.33 -0.08 -1.09	23.90 -0.05 -1.32	23.64 -0.07 -1.98	24.16 -0.04 -1.77	21.59 0.02 -1.76	20.24 0.16 0.00	20.09 0.18 0.00	28.84 0.11 0.00	28.78 -0.06 0.00	26.73 -0.11 0.00
LINDEN COGEN____ 23786	27.97 1.38 -0.56	26.80 1.23 0.04	27.36 1.20 -0.18	26.41 1.04 -1.06	27.27 1.14 -0.15	26.31 1.13 0.02	28.71 1.44 -0.99	30.89 1.57 0.87	30.92 1.59 1.18	31.67 1.78 3.04	36.86 1.67 -2.43	36.62 1.72 -2.35	39.22 1.71 -5.83	41.98 1.91 -6.64	39.82 1.67 -12.84	39.65 1.52 -15.50	46.49 1.54 -23.22	44.81 1.62 -20.76	41.77 1.31 -20.66	39.73 1.18 -18.47	38.23 1.17 -17.15	32.34 1.55 -2.07	30.87 1.41 -0.62	28.57 1.48 -0.25
LINDHRST_69_KV_BK1 356055	44.29 2.63 -15.63	36.62 2.48 -8.52	33.28 2.39 -4.91	31.43 2.19 -4.94	31.56 2.34 -3.24	27.19 2.02 0.02	29.63 2.36 -0.99	34.37 2.72 -1.46	37.91 2.84 -4.56	41.19 3.10 -5.16	49.57 3.05 -13.77	50.23 3.03 -14.66	51.51 3.04 -16.78	54.97 3.24 -18.29	52.57 2.66 -24.60	52.89 2.47 -27.79	52.90 2.39 -28.79	71.71 2.56 -46.72	67.00 2.14 -45.06	52.70 2.15 -30.47	51.18 2.17 -29.11	51.24 2.99 -19.53	39.02 3.00 -7.18	38.77 2.93 -9.00
LIPA_MISC_IPP 23656	44.45 2.79 -15.63	36.82 2.69 -8.52	33.49 2.60 -4.91	31.60 2.36 -4.94	31.77 2.55 -3.24	27.34 2.17 0.02	29.82 2.55 -0.99	34.52 2.87 -1.46	38.03 2.96 -4.56	41.29 3.19 -5.16	49.84 3.31 -13.77	50.42 3.22 -14.66	51.76 3.30 -16.78	55.27 3.54 -18.29	52.77 2.86 -24.60	53.09 2.67 -27.79	53.12 2.61 -28.78	83.35 2.78 -58.13	85.41 2.34 -63.26	52.94 2.39 -30.47	51.41 2.39 -29.11	51.53 3.27 -19.54	39.30 3.29 -7.18	39.04 3.19 -9.01
LISF____SOLAR 323691	44.50 2.84 -15.63	36.69 2.56 -8.52	33.44 2.55 -4.91	31.56 2.31 -4.94	31.74 2.52 -3.24	27.11 1.94 0.02	29.58 2.31 -0.99	34.28 2.63 -1.46	37.91 2.84 -4.56	41.09 3.00 -5.16	49.57 3.05 -13.76	50.39 3.19 -14.66	51.54 3.07 -16.78	55.20 3.48 -18.29	52.77 2.86 -24.59	52.99 2.58 -27.79	53.01 2.50 -28.79	83.32 2.60 -58.29	85.56 2.24 -63.51	52.77 2.21 -30.48	51.31 2.29 -29.11	51.39 3.13 -19.54	39.22 3.20 -7.18	38.98 3.14 -9.01
LITTLE FALLS____HYD 24013	25.82 -0.21 0.01	25.37 -0.20 0.03	25.76 -0.18 0.04	24.15 -0.12 0.04	25.80 -0.10 0.07	25.02 -0.15 0.02	26.20 -0.03 0.05	30.17 0.09 0.11	30.52 0.09 0.08	33.19 0.40 0.14	33.07 0.43 0.12	32.85 0.39 0.08	31.96 0.38 0.11	33.71 0.40 0.13	25.62 0.30 0.00	22.90 0.27 0.00	21.99 0.26 0.00	22.55 0.11 0.00	19.89 0.08 0.00	20.16 0.08 0.00	19.99 0.08 0.00	28.81 0.09 0.00	28.90 0.06 0.00	26.89 0.05 0.00
LITTLRIV_115KV_TB1 356100	26.30 0.26 0.00	25.94 0.33 0.00	26.24 0.26 0.00	24.65 0.34 0.00	26.42 0.44 0.00	25.67 0.48 0.00	26.64 0.37 0.00	30.64 0.45 0.00	30.76 0.24 0.00	33.33 0.40 0.00	33.12 0.36 0.00	32.87 0.33 0.00	32.00 0.32 0.00	33.61 0.17 0.00	24.93 -0.38 0.00	21.93 -0.70 0.00	21.08 -0.65 0.00	21.38 -1.05 0.00	18.93 -0.87 0.00	19.17 -0.90 0.00	19.21 -0.70 0.00	28.69 -0.03 0.00	29.30 0.46 0.00	27.10 0.27 0.00
LI_NEWBRDGE____DRP 323616	43.64 1.98 -15.63	35.98 1.84 -8.52	32.69 1.79 -4.91	30.87 1.63 -4.94	30.97 1.74 -3.24	26.66 1.49 0.02	29.08 1.81 -0.99	33.68 2.02 -1.46	37.17 2.11 -4.56	40.40 2.31 -5.16	48.82 2.29 -13.77	49.48 2.28 -14.66	50.75 2.28 -16.78	54.20 2.47 -18.29	51.98 2.08 -24.59	52.34 1.92 -27.79	52.40 1.89 -28.78	69.77 2.02 -45.32	64.27 1.64 -42.82	52.18 1.63 -30.47	50.63 1.61 -29.11	50.47 2.21 -19.53	38.24 2.22 -7.18	38.04 2.20 -9.01
LOCKPORT_115KV_TB60_63_64 80432	25.77 -0.31 -0.04	24.41 -0.90 0.30	24.54 -1.12 0.32	22.87 -1.26 0.17	24.06 -1.27 0.65	24.10 -0.88 0.22	25.13 -0.89 0.25	28.39 -1.06 0.75	29.73 -0.79 -0.01	31.56 -0.99 0.39	31.56 -0.82 0.39	31.50 -0.78 0.27	30.84 -0.86 -0.01	32.29 -1.14 0.01	27.60 0.03 -2.26	25.52 0.16 -2.73	25.76 -0.07 -4.10	26.09 0.00 -3.66	23.45 0.00 -3.64	23.13 0.26 -2.80	22.54 0.04 -2.59	28.43 -0.63 -0.33	27.75 -1.18 -0.09	26.10 -0.78 -0.04
LOCKPORT____CC1 323769	25.77 -0.31 -0.05	24.49 -0.82 0.30	24.64 -1.01 0.32	22.95 -1.19 0.17	24.14 -1.19 0.65	24.17 -0.81 0.22	25.19 -0.84 0.25	28.48 -0.97 0.74	29.64 -0.89 -0.02	31.54 -1.02 0.38	31.53 -0.85 0.38	31.41 -0.88 0.26	30.82 -0.89 -0.02	32.30 -1.14 0.00	27.57 -0.03 -2.28	25.43 0.05 -2.75	25.78 -0.06 -4.12	26.14 0.02 -3.68	23.39 -0.08 -3.67	23.12 0.22 -2.82	22.52 0.00 -2.62	28.34 -0.72 -0.34	27.75 -1.18 -0.10	26.12 -0.75 -0.04
LOCKPORT____CC2 323770	25.77 -0.31 -0.05	24.49 -0.82 0.30	24.64 -1.01 0.32	22.95 -1.19 0.17	24.14 -1.19 0.65	24.17 -0.81 0.22	25.19 -0.84 0.25	28.48 -0.97 0.74	29.64 -0.89 -0.02	31.54 -1.02 0.38	31.53 -0.85 0.38	31.41 -0.88 0.26	30.82 -0.89 -0.02	32.30 -1.14 0.00	27.57 -0.03 -2.28	25.43 0.05 -2.75	25.78 -0.06 -4.12	26.14 0.02 -3.68	23.39 -0.08 -3.67	23.12 0.22 -2.82	22.52 0.00 -2.62	28.34 -0.72 -0.34	27.75 -1.18 -0.10	26.12 -0.75 -0.04
LOCKPORT____CC3 323771	25.77 -0.31 -0.05	24.49 -0.82 0.30	24.64 -1.01 0.32	22.95 -1.19 0.17	24.14 -1.19 0.65	24.17 -0.81 0.22	25.19 -0.84 0.25	28.48 -0.97 0.74	29.64 -0.89 -0.02	31.54 -1.02 0.38	31.53 -0.85 0.38	31.41 -0.88 0.26	30.82 -0.89 -0.02	32.30 -1.14 0.00	27.57 -0.03 -2.28	25.43 0.05 -2.75	25.78 -0.06 -4.12	26.14 0.02 -3.68	23.39 -0.08 -3.67	23.12 0.22 -2.82	22.52 0.00 -2.62	28.34 -0.72 -0.34	27.75 -1.18 -0.10	26.12 -0.75 -0.04

LONG_LAKE_PHOENIX 24014	25.55 -0.55 -0.06	25.01 -0.64 -0.04	25.38 -0.68 -0.07	23.81 -0.66 -0.16	25.43 -0.68 -0.12	24.65 -0.58 -0.03	25.94 -0.50 -0.16	29.94 -0.54 -0.30	30.52 -0.55 -0.56	33.07 -0.56 -0.70	32.81 -0.52 -0.57	32.46 -0.49 -0.40	31.90 -0.51 -0.72	33.69 -0.57 -0.82	26.32 -0.23 -1.23	24.01 -0.11 -1.49	23.86 -0.11 -2.24	24.30 -0.13 -2.00	21.72 -0.08 -1.99	20.08 0.00 0.00	19.89 -0.02 0.00	28.44 -0.29 0.00	28.35 -0.49 0.00	26.38 -0.46 0.00
LOVETT___3 23632	27.93 1.35 -0.54	26.81 1.23 0.03	27.39 1.22 -0.18	26.42 1.09 -1.02	27.30 1.17 -0.15	26.31 1.13 0.02	28.62 1.39 -0.96	33.11 1.51 -1.41	36.46 1.56 -4.40	39.59 1.68 -4.98	38.42 1.64 -4.02	37.01 1.63 -2.84	38.96 1.65 -5.63	41.62 1.77 -6.41	39.29 1.57 -12.40	39.08 1.47 -14.98	45.57 1.41 -22.43	44.01 1.53 -20.05	40.99 1.23 -19.96	39.12 1.20 -17.84	37.65 1.17 -16.56	32.46 1.61 -2.13	30.94 1.50 -0.60	28.59 1.50 -0.25
LOVETT___4 23642	27.93 1.35 -0.54	26.81 1.23 0.03	27.39 1.22 -0.18	26.42 1.09 -1.02	27.30 1.17 -0.15	26.31 1.13 0.02	28.62 1.39 -0.96	33.11 1.51 -1.41	36.46 1.56 -4.40	39.59 1.68 -4.98	38.42 1.64 -4.02	37.01 1.63 -2.84	38.96 1.65 -5.63	41.62 1.77 -6.41	39.29 1.57 -12.40	39.08 1.47 -14.98	45.57 1.41 -22.43	44.01 1.53 -20.05	40.99 1.23 -19.96	39.12 1.20 -17.84	37.65 1.17 -16.56	32.46 1.61 -2.13	30.94 1.50 -0.60	28.59 1.50 -0.25
LOVETT___5 23593	27.93 1.35 -0.54	26.81 1.23 0.03	27.39 1.22 -0.18	26.42 1.09 -1.02	27.30 1.17 -0.15	26.31 1.13 0.02	28.62 1.39 -0.96	33.11 1.51 -1.41	36.46 1.56 -4.40	39.59 1.68 -4.98	38.42 1.64 -4.02	37.01 1.63 -2.84	38.96 1.65 -5.63	41.62 1.77 -6.41	39.29 1.57 -12.40	39.08 1.47 -14.98	45.57 1.41 -22.43	44.01 1.53 -20.05	40.99 1.23 -19.96	39.12 1.20 -17.84	37.65 1.17 -16.56	32.46 1.61 -2.13	30.94 1.50 -0.60	28.59 1.50 -0.25
LOWER RAQUET___HYD 24057	26.09 0.05 0.00	25.74 0.13 0.00	26.03 0.05 0.00	24.43 0.12 0.00	26.16 0.18 0.00	25.45 0.25 0.00	26.38 0.11 0.00	30.25 0.06 0.00	30.48 -0.03 0.00	32.90 -0.03 0.00	32.73 -0.03 0.00	32.48 -0.06 0.00	31.66 -0.03 0.00	33.21 -0.23 0.00	24.61 -0.71 0.00	21.63 -1.00 0.00	20.75 -0.98 0.00	21.11 -1.32 0.00	18.70 -1.11 0.00	18.93 -1.14 0.00	18.97 -0.94 0.00	28.41 -0.32 0.00	29.04 0.20 0.00	26.86 0.03 0.00
LOWER___HUDSON 24059	28.93 1.43 -1.46	26.97 1.36 0.00	27.98 1.40 -0.60	28.47 1.31 -2.85	27.98 1.40 -0.60	26.45 1.26 0.00	30.63 1.47 -2.89	46.79 1.63 -14.97	64.43 1.68 -32.24	77.22 1.84 -42.44	72.29 1.80 -37.73	62.78 1.79 -28.45	80.25 1.74 -46.82	90.26 1.84 -54.99	95.92 1.49 -69.12	117.24 1.36 -93.25	130.71 1.28 -107.70	77.62 1.28 -53.91	74.59 1.13 -53.66	69.36 1.14 -48.14	65.72 1.11 -44.70	36.03 1.55 -5.75	31.99 1.53 -1.62	28.98 1.48 -0.66
LOWVILLE_115KV_TB2 356335	26.37 0.34 0.01	25.86 0.28 0.03	26.17 0.23 0.04	24.53 0.27 0.04	26.29 0.39 0.08	25.62 0.45 0.02	26.80 0.58 0.05	30.92 0.85 0.11	31.00 0.58 0.09	33.51 0.72 0.15	33.35 0.72 0.13	33.17 0.72 0.09	32.24 0.67 0.12	33.87 0.57 0.13	25.57 0.25 0.00	22.79 0.16 0.00	21.88 0.15 0.00	22.50 0.07 0.00	19.94 0.14 0.00	20.34 0.26 0.00	20.31 0.40 0.00	29.38 0.66 0.00	29.56 0.72 0.00	27.35 0.51 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.51 1.85 -1.63	27.35 1.74 0.00	28.44 1.79 -0.67	29.14 1.65 -3.18	28.41 1.77 -0.67	26.83 1.64 0.00	31.20 1.81 -3.12	41.56 2.05 -9.32	54.94 2.11 -22.33	63.18 2.31 -27.94	59.06 2.23 -24.07	52.57 2.25 -17.78	64.86 2.19 -30.98	71.77 2.31 -36.02	80.15 1.77 -53.07	92.54 1.58 -68.33	111.73 1.54 -88.46	84.08 1.55 -60.10	81.04 1.41 -59.83	75.24 1.49 -53.68	71.21 1.45 -49.84	37.15 2.01 -6.42	32.58 1.93 -1.81	29.38 1.80 -0.74
LUTHERNY_35_KV_BK2 355980	29.51 1.85 -1.63	27.38 1.77 0.00	28.44 1.79 -0.67	29.14 1.65 -3.18	28.44 1.79 -0.67	26.86 1.66 0.00	31.20 1.81 -3.12	41.59 2.08 -9.32	54.94 2.11 -22.33	63.18 2.31 -27.94	59.09 2.26 -24.07	52.60 2.28 -17.78	64.89 2.22 -30.98	71.77 2.31 -36.02	80.18 1.80 -53.07	92.57 1.61 -68.33	111.75 1.56 -88.46	84.11 1.57 -60.10	81.06 1.43 -59.83	75.26 1.51 -53.68	71.23 1.47 -49.84	37.18 2.04 -6.42	32.61 1.96 -1.81	29.40 1.82 -0.74
LWR___OSWEGATCHIE_HYD 23850	26.22 0.18 0.00	25.79 0.18 0.00	26.11 0.13 0.00	24.50 0.19 0.00	26.27 0.29 0.00	25.55 0.35 0.00	26.62 0.34 0.00	30.67 0.48 0.00	30.76 0.24 0.00	33.23 0.30 0.00	33.06 0.29 0.00	32.80 0.26 0.00	31.91 0.22 0.00	33.54 0.10 0.00	25.04 -0.28 0.00	22.18 -0.45 0.00	21.29 -0.43 0.00	21.78 -0.65 0.00	19.31 -0.50 0.00	19.64 -0.44 0.00	19.65 -0.26 0.00	28.92 0.20 0.00	29.30 0.46 0.00	27.10 0.27 0.00
LYONS_FALL_HYD 23570	26.47 0.44 0.01	25.92 0.36 0.05	26.24 0.31 0.06	24.61 0.37 0.06	26.31 0.44 0.11	25.66 0.50 0.03	26.86 0.66 0.07	30.96 0.94 0.16	31.15 0.76 0.13	33.71 0.99 0.21	33.60 1.02 0.18	33.39 0.98 0.13	32.44 0.92 0.17	34.15 0.90 0.19	25.95 0.63 0.00	23.17 0.54 0.00	22.25 0.52 0.00	22.88 0.45 0.00	20.24 0.44 0.00	20.60 0.52 0.00	20.50 0.60 0.00	29.53 0.80 0.00	29.62 0.78 0.00	27.43 0.59 0.00
MADISON___COUNTY_LFGE 323628	26.48 0.47 0.02	25.87 0.36 0.10	26.19 0.34 0.12	24.55 0.36 0.12	26.19 0.44 0.23	25.63 0.50 0.07	26.81 0.68 0.15	30.84 1.00 0.35	31.12 0.88 0.28	33.64 1.15 0.45	33.52 1.15 0.39	33.38 1.11 0.27	32.38 1.05 0.35	34.10 1.07 0.41	26.28 0.96 0.00	23.53 0.91 0.00	22.60 0.87 0.00	23.31 0.87 0.00	20.60 0.79 0.00	20.94 0.86 0.00	20.80 0.90 0.00	29.76 1.03 0.00	29.70 0.87 0.00	27.53 0.70 0.00
MALONE___115KV_TB1 356076	26.03 0.00 0.00	25.69 0.08 0.00	26.01 0.03 0.00	24.38 0.07 0.00	26.14 0.16 0.00	25.42 0.23 0.00	26.41 0.13 0.00	30.43 0.24 0.00	30.57 0.06 0.00	32.90 -0.03 0.00	32.66 -0.10 0.00	32.54 0.00 0.00	31.62 -0.06 0.00	33.37 -0.07 0.00	24.91 -0.41 0.00	22.09 -0.54 0.00	21.29 -0.43 0.00	21.94 -0.49 0.00	19.39 -0.42 0.00	19.62 -0.46 0.00	19.65 -0.26 0.00	28.84 0.11 0.00	29.18 0.35 0.00	27.05 0.21 0.00
MAPLEWOD_115KV_TB3 80458	28.79 1.43 -1.32	26.99 1.38 0.00	27.92 1.40 -0.54	28.19 1.31 -2.57	27.90 1.38 -0.54	26.46 1.26 0.00	30.03 1.34 -2.41	30.50 1.54 1.23	33.95 1.56 -1.89	34.22 1.71 0.43	32.55 1.70 1.92	32.04 1.69 2.19	33.19 1.65 0.15	34.26 1.74 0.91	41.26 1.44 -14.50	36.92 1.29 -13.00	57.14 1.24 -34.18	72.35 1.26 -48.66	69.34 1.09 -48.44	64.61 1.08 -43.44	61.30 1.06 -40.34	35.41 1.49 -5.19	31.77 1.47 -1.46	28.86 1.42 -0.60
MAPLE RIDGE_WT_1 323574	25.07 -0.96 0.00	24.74 -0.87 0.00	25.10 -0.88 0.00	23.58 -0.73 0.00	25.28 -0.70 0.00	24.62 -0.58 0.00	25.59 -0.68 0.00	29.47 -0.72 0.00	29.84 -0.67 0.00	32.24 -0.69 0.00	32.11 -0.65 0.00	31.96 -0.58 0.00	31.15 -0.54 0.00	32.87 -0.57 0.00	24.68 -0.63 0.00	22.02 -0.61 0.00	21.16 -0.57 0.00	21.81 -0.63 0.00	19.25 -0.55 0.00	19.48 -0.60 0.00	19.31 -0.60 0.00	28.06 -0.66 0.00	28.29 -0.55 0.00	26.25 -0.59 0.00

NEG NORTH___ALICE_FALLS 23915	26.11 0.08 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.52 0.33 0.00	30.51 0.00 0.00	32.70 -0.23 0.00	32.47 -0.29 0.00	32.38 -0.16 0.00	31.47 -0.22 0.00	33.31 -0.13 0.00	24.91 -0.41 0.00	22.15 -0.48 0.00	21.40 -0.33 0.00	22.16 -0.27 0.00	19.61 -0.20 0.00	19.82 -0.26 0.00	19.95 0.04 0.00	29.07 0.34 0.00	29.33 0.49 0.00	27.21 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	26.11 0.08 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.52 0.33 0.00	30.51 0.00 0.00	32.70 -0.23 0.00	32.47 -0.29 0.00	32.38 -0.16 0.00	31.47 -0.22 0.00	33.31 -0.13 0.00	24.91 -0.41 0.00	22.15 -0.48 0.00	21.40 -0.33 0.00	22.16 -0.27 0.00	19.61 -0.20 0.00	19.82 -0.26 0.00	19.95 0.04 0.00	29.07 0.34 0.00	29.33 0.49 0.00	27.21 0.38 0.00
NEG NORTH___PLATTSBURG 23628	26.11 0.08 0.00	25.74 0.13 0.00	26.03 0.05 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.49 0.30 0.00	30.54 0.03 0.00	32.71 -0.23 0.00	32.50 -0.26 0.00	32.38 -0.16 0.00	31.56 -0.13 0.00	33.37 -0.07 0.00	24.91 -0.41 0.00	22.15 -0.48 0.00	21.40 -0.33 0.00	22.19 -0.25 0.00	19.61 -0.20 0.00	19.84 -0.24 0.00	19.95 0.04 0.00	29.07 0.35 0.00	29.33 0.49 0.00	27.18 0.35 0.00
NEG WEST_LEA_LOCKPORT 23791	25.77 -0.31 -0.05	24.42 -0.90 0.30	24.54 -1.12 0.32	22.87 -1.26 0.17	24.06 -1.27 0.65	24.10 -0.88 0.22	25.13 -0.89 0.25	28.39 -1.06 0.74	29.73 -0.79 -0.01	31.57 -0.99 0.38	31.56 -0.82 0.38	31.50 -0.78 0.26	30.85 -0.86 -0.02	32.30 -1.14 0.00	27.62 0.03 -2.28	25.52 0.14 -2.75	25.79 -0.07 -4.13	26.14 0.02 -3.68	23.47 0.00 -3.67	23.16 0.26 -2.82	22.56 0.04 -2.62	28.43 -0.63 -0.34	27.75 -1.18 -0.10	26.12 -0.75 -0.04
NEG WEST___LANCASTR 23811	25.24 -0.86 -0.07	23.73 -1.61 0.27	23.91 -1.79 0.28	22.33 -1.87 0.10	23.48 -1.92 0.58	23.46 -1.54 0.20	24.60 -1.50 0.18	27.99 -1.60 0.60	29.33 -1.40 -0.22	31.25 -1.58 0.11	31.14 -1.47 0.15	30.98 -1.46 0.10	30.51 -1.46 -0.28	32.00 -1.74 -0.30	28.26 0.30 -2.64	26.23 0.41 -3.19	26.75 0.24 -4.78	27.02 0.31 -4.27	24.27 0.22 -4.25	23.93 0.48 -3.37	23.23 0.20 -3.12	28.81 -0.32 -0.40	28.03 -0.92 -0.11	26.35 -0.54 -0.05
NEG_PENN_ALLEGHNY 23528	26.43 0.21 -0.19	25.48 0.00 0.13	25.89 -0.03 0.07	24.49 -0.07 -0.25	25.75 -0.03 0.21	25.15 0.05 0.09	26.69 0.21 -0.20	30.64 0.30 -0.15	32.20 0.31 -1.38	34.67 0.33 -1.41	34.23 0.36 -1.11	33.69 0.36 -0.78	33.86 0.41 -1.76	35.74 0.30 -2.00	30.71 0.63 -4.76	29.01 0.63 -5.75	30.97 0.63 -8.61	30.79 0.67 -7.68	28.03 0.57 -7.65	27.29 0.66 -6.55	26.57 0.58 -6.08	30.05 0.54 -0.78	29.32 0.26 -0.22	27.25 0.32 -0.09
NEG___GEN_MONROE 24207	26.09 0.03 -0.03	24.96 -0.33 0.32	25.11 -0.52 0.35	23.45 -0.63 0.22	24.63 -0.65 0.70	24.61 -0.35 0.23	25.73 -0.24 0.31	29.06 -0.27 0.86	30.25 -0.09 0.18	32.18 -0.13 0.62	32.18 0.00 0.58	32.24 0.10 0.40	31.37 -0.10 0.23	32.96 -0.20 0.28	27.65 0.43 -1.91	25.41 0.48 -2.30	25.47 0.28 -3.46	25.81 0.29 -3.08	23.13 0.26 -3.07	22.78 0.44 -2.26	22.35 0.34 -2.10	28.94 -0.06 -0.27	28.40 -0.52 -0.08	26.63 -0.24 -0.03
NEPA___ENERGY 23901	25.89 -0.21 -0.07	24.52 -0.82 0.27	24.71 -0.99 0.28	23.11 -1.09 0.10	24.32 -1.09 0.57	24.27 -0.73 0.20	25.44 -0.66 0.17	28.96 -0.63 0.60	30.32 -0.43 -0.23	32.29 -0.56 0.09	32.17 -0.46 0.14	32.00 -0.46 0.09	31.48 -0.51 -0.30	33.03 -0.74 -0.32	28.51 0.53 -2.67	26.46 0.61 -3.22	26.96 0.41 -4.82	27.30 0.56 -4.30	24.51 0.42 -4.29	24.14 0.66 -3.40	23.49 0.42 -3.16	29.13 0.00 -0.41	28.35 -0.61 -0.11	26.56 -0.32 -0.05
NEVERSINK___HYD 23608	27.71 1.14 -0.53	26.63 1.05 0.03	27.17 1.01 -0.18	26.18 0.87 -1.00	27.09 0.96 -0.14	26.08 0.91 0.02	28.39 1.18 -0.93	32.86 1.30 -1.37	36.18 1.37 -4.30	39.25 1.45 -4.87	38.00 1.31 -3.93	36.62 1.30 -2.77	38.39 1.20 -5.50	40.97 1.27 -6.27	38.56 1.11 -12.13	38.37 1.09 -14.65	44.78 1.11 -21.94	43.35 1.26 -19.66	40.44 1.07 -19.57	38.59 1.02 -17.49	37.16 1.01 -16.24	32.08 1.26 -2.09	30.58 1.15 -0.59	28.23 1.15 -0.24
NEWKRMKL_115KV_TB1 55635	28.25 0.99 -1.22	26.61 1.00 0.00	27.49 1.01 -0.50	27.66 0.97 -2.38	27.49 1.01 -0.50	26.10 0.91 0.00	29.45 0.95 -2.23	29.87 1.09 1.41	32.86 1.10 -1.25	33.02 1.19 1.10	31.55 1.21 2.42	31.18 1.17 2.53	31.93 1.14 0.90	32.92 1.24 1.75	38.88 1.01 -12.55	34.28 0.91 -10.74	53.06 0.85 -30.48	68.35 0.87 -45.05	65.38 0.73 -44.84	61.01 0.72 -40.21	57.96 0.72 -37.33	34.53 1.01 -4.81	31.23 1.04 -1.35	28.44 1.05 -0.55
NEWTON___FALLS_HYD 23847	26.22 0.18 0.00	25.79 0.18 0.00	26.11 0.13 0.00	24.50 0.19 0.00	26.27 0.29 0.00	25.55 0.35 0.00	26.62 0.34 0.00	30.67 0.48 0.00	30.76 0.24 0.00	33.23 0.30 0.00	33.06 0.29 0.00	32.80 0.26 0.00	31.91 0.22 0.00	33.54 0.10 0.00	25.04 -0.28 0.00	22.18 -0.45 0.00	21.29 -0.43 0.00	21.78 -0.65 0.00	19.31 -0.50 0.00	19.64 -0.44 0.00	19.65 -0.26 0.00	28.92 0.20 0.00	29.30 0.46 0.00	27.10 0.27 0.00
NGRID_A1_DSASP 323792	25.46 -0.63 -0.05	24.26 -1.05 0.30	24.41 -1.25 0.32	22.76 -1.38 0.16	23.93 -1.40 0.64	23.92 -1.06 0.22	24.75 -1.29 0.24	27.94 -1.48 0.77	29.10 -1.40 0.01	30.92 -1.61 0.40	30.92 -1.44 0.40	30.80 -1.46 0.29	30.16 -1.52 0.01	31.68 -1.74 0.02	27.04 -0.58 -2.31	24.98 -0.43 -2.78	25.30 -0.59 -4.16	25.68 -0.49 -3.74	23.02 -0.52 -3.73	22.74 -0.22 -2.88	22.14 -0.42 -2.65	27.75 -1.32 -0.34	27.21 -1.73 -0.10	25.67 -1.21 -0.04
NGRID_A2_DSASP 323793	25.46 -0.63 -0.05	24.26 -1.05 0.30	24.41 -1.25 0.32	22.76 -1.38 0.16	23.93 -1.40 0.64	23.92 -1.06 0.22	24.75 -1.29 0.24	27.94 -1.48 0.77	29.10 -1.40 0.01	30.92 -1.61 0.40	30.92 -1.44 0.40	30.80 -1.46 0.29	30.16 -1.52 0.01	31.68 -1.74 0.02	27.04 -0.58 -2.31	24.98 -0.43 -2.78	25.30 -0.59 -4.16	25.68 -0.49 -3.74	23.02 -0.52 -3.73	22.74 -0.22 -2.88	22.14 -0.42 -2.65	27.75 -1.32 -0.34	27.21 -1.73 -0.10	25.67 -1.21 -0.04
NGRID_A4_DSASP 323807	25.46 -0.62 -0.05	24.19 -1.13 0.30	24.33 -1.33 0.32	22.68 -1.46 0.16	23.86 -1.48 0.64	23.87 -1.11 0.22	24.69 -1.34 0.24	27.85 -1.57 0.77	29.16 -1.34 0.01	30.94 -1.58 0.41	30.94 -1.41 0.41	30.89 -1.37 0.29	30.25 -1.43 0.01	31.67 -1.74 0.03	27.05 -0.56 -2.30	25.06 -0.34 -2.77	25.28 -0.59 -4.14	25.68 -0.49 -3.74	23.08 -0.46 -3.73	22.78 -0.18 -2.88	22.16 -0.40 -2.65	27.83 -1.24 -0.34	27.21 -1.73 -0.10	25.70 -1.18 -0.04
NIAGARA_115E_LBMP 323715	25.33 -0.76 -0.05	24.08 -1.23 0.30	24.23 -1.43 0.32	22.57 -1.58 0.16	23.75 -1.59 0.64	23.77 -1.21 0.22	24.75 -1.29 0.24	27.92 -1.54 0.73	29.09 -1.46 -0.04	30.94 -1.65 0.35	30.93 -1.47 0.35	30.80 -1.50 0.24	30.21 -1.52 -0.05	31.70 -1.77 -0.04	27.08 -0.56 -2.32	25.03 -0.41 -2.81	25.39 -0.54 -4.20	25.76 -0.43 -3.75	23.09 -0.45 -3.74	22.78 -0.18 -2.89	22.21 -0.38 -2.68	27.83 -1.23 -0.35	27.26 -1.67 -0.10	25.67 -1.21 -0.04

NIAGARA_115W_LBMP 323714	25.40 -0.68 -0.05	24.21 -1.10 0.30	24.36 -1.30 0.32	22.71 -1.43 0.16	23.88 -1.45 0.65	23.87 -1.11 0.22	24.66 -1.37 0.24	27.85 -1.57 0.77	29.01 -1.49 0.01	30.85 -1.68 0.41	30.85 -1.51 0.41	30.73 -1.53 0.29	30.06 -1.61 0.01	31.61 -1.81 0.03	26.96 -0.66 -2.30	24.93 -0.48 -2.78	25.22 -0.65 -4.15	25.61 -0.56 -3.74	22.95 -0.58 -3.72	22.67 -0.28 -2.87	22.07 -0.48 -2.64	27.69 -1.38 -0.34	27.12 -1.82 -0.10	25.59 -1.29 -0.04
NIAGARA_230_LBMP 323716	25.56 -0.52 -0.05	24.34 -0.97 0.30	24.49 -1.17 0.33	22.82 -1.31 0.17	24.00 -1.32 0.65	23.99 -0.98 0.22	24.97 -1.05 0.25	28.23 -1.21 0.75	29.39 -1.13 -0.01	31.26 -1.28 0.39	31.26 -1.11 0.39	31.11 -1.17 0.27	30.49 -1.20 -0.01	32.03 -1.40 0.01	27.27 -0.33 -2.28	25.18 -0.20 -2.76	25.51 -0.35 -4.13	25.92 -0.20 -3.68	23.21 -0.26 -3.67	22.92 0.02 -2.82	22.37 -0.16 -2.62	28.08 -0.98 -0.34	27.52 -1.41 -0.10	25.91 -0.97 -0.04
NIAGARA__115KV_198_GIBSON 55903	25.41 -0.68 -0.05	24.13 -1.18 0.30	24.28 -1.38 0.32	22.63 -1.51 0.16	23.80 -1.53 0.65	23.82 -1.16 0.22	24.61 -1.42 0.24	27.79 -1.63 0.77	29.09 -1.40 0.01	30.88 -1.65 0.41	30.88 -1.47 0.41	30.82 -1.43 0.29	30.15 -1.52 0.01	31.60 -1.81 0.03	27.00 -0.61 -2.29	24.98 -0.41 -2.76	25.23 -0.63 -4.13	25.61 -0.56 -3.74	23.01 -0.51 -3.72	22.71 -0.24 -2.87	22.09 -0.46 -2.64	27.75 -1.32 -0.34	27.12 -1.82 -0.10	25.64 -1.23 -0.04
NIAGARA____ 23760	25.38 -0.70 -0.05	24.14 -1.18 0.30	24.28 -1.38 0.32	22.61 -1.53 0.16	23.81 -1.53 0.64	23.80 -1.18 0.22	24.72 -1.31 0.24	27.96 -1.48 0.75	29.15 -1.37 -0.01	31.01 -1.55 0.38	31.01 -1.37 0.38	30.88 -1.40 0.26	30.25 -1.46 -0.02	31.77 -1.67 0.00	27.09 -0.53 -2.31	25.03 -0.38 -2.79	25.37 -0.52 -4.16	25.76 -0.40 -3.73	23.06 -0.45 -3.71	22.77 -0.18 -2.87	22.18 -0.38 -2.65	27.86 -1.21 -0.34	27.26 -1.67 -0.10	25.64 -1.23 -0.04
NINE_MILE_1 23575	24.89 -0.86 0.29	23.13 -0.90 1.58	23.12 -0.93 1.93	21.48 -0.90 1.92	21.40 -0.93 3.65	23.19 -0.86 1.15	23.14 -0.84 2.29	23.81 -0.97 5.42	25.25 -0.98 4.29	24.93 -1.02 6.99	25.74 -0.98 6.04	27.34 -0.98 4.23	25.21 -0.98 5.49	26.04 -1.04 6.36	24.71 -0.61 0.00	22.18 -0.45 0.00	21.27 -0.46 0.00	21.96 -0.47 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.06 -0.78 0.00
NINE_MILE_2 23744	24.88 -0.86 0.29	23.11 -0.90 1.60	23.09 -0.93 1.95	21.46 -0.90 1.95	21.35 -0.93 3.69	23.17 -0.86 1.17	23.12 -0.84 2.31	23.77 -0.94 5.48	25.20 -0.98 4.34	24.84 -1.02 7.07	25.67 -0.98 6.11	27.29 -0.98 4.28	25.15 -0.98 5.56	25.97 -1.04 6.44	24.71 -0.61 0.00	22.18 -0.45 0.00	21.27 -0.46 0.00	21.96 -0.47 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.09 -0.75 0.00
NM_CAPITAL____DRP 24208	28.31 1.07 -1.21	26.68 1.08 0.00	27.57 1.09 -0.49	27.68 1.02 -2.36	27.57 1.09 -0.49	26.15 0.96 0.00	29.49 1.02 -2.19	28.65 1.15 2.69	30.53 1.16 1.14	29.73 1.28 4.49	28.48 1.28 5.56	28.83 1.24 4.95	28.28 1.20 4.61	28.57 1.30 6.17	34.65 1.09 -8.25	28.01 0.97 -4.41	47.33 0.91 -24.69	67.98 0.94 -44.60	65.00 0.79 -44.40	60.67 0.78 -39.81	57.65 0.78 -36.97	34.57 1.09 -4.76	31.33 1.15 -1.34	28.54 1.15 -0.55
NM_CENTRAL____DRP 24181	25.67 -0.39 -0.03	24.91 -0.51 0.19	25.23 -0.55 0.20	23.66 -0.53 0.11	25.03 -0.55 0.41	24.63 -0.43 0.14	25.74 -0.37 0.16	29.32 -0.39 0.48	30.12 -0.37 0.02	32.30 -0.36 0.27	32.17 -0.33 0.27	32.07 -0.29 0.18	31.34 -0.32 0.03	33.03 -0.37 0.04	26.64 -0.03 -1.35	24.35 0.09 -1.63	24.27 0.09 -2.46	24.69 0.07 -2.19	22.07 0.08 -2.18	21.74 0.16 -1.50	21.44 0.14 -1.40	28.85 -0.06 -0.18	28.60 -0.29 -0.05	26.59 -0.27 -0.02
NM_FRONTIER____DRP 24179	25.41 -0.68 -0.05	24.13 -1.18 0.30	24.28 -1.38 0.32	22.63 -1.51 0.16	23.80 -1.53 0.65	23.82 -1.16 0.22	24.61 -1.42 0.24	27.79 -1.63 0.77	29.09 -1.40 0.01	30.88 -1.65 0.41	30.88 -1.47 0.41	30.82 -1.43 0.29	30.15 -1.52 0.01	31.60 -1.81 0.03	27.00 -0.61 -2.29	24.98 -0.41 -2.76	25.23 -0.63 -4.13	25.61 -0.56 -3.74	23.01 -0.51 -3.72	22.71 -0.24 -2.87	22.09 -0.46 -2.64	27.75 -1.32 -0.34	27.12 -1.82 -0.10	25.64 -1.23 -0.04
NM_ST_REGIS____HYD 24053	26.06 0.03 0.00	25.71 0.10 0.00	26.03 0.05 0.00	24.40 0.10 0.00	26.16 0.18 0.00	25.42 0.23 0.00	26.38 0.11 0.00	30.34 0.15 0.00	30.48 -0.03 0.00	32.87 -0.07 0.00	32.66 -0.10 0.00	32.48 -0.07 0.00	31.59 -0.10 0.00	33.20 -0.23 0.00	24.66 -0.66 0.00	21.72 -0.91 0.00	20.88 -0.85 0.00	21.29 -1.14 0.00	18.86 -0.95 0.00	19.07 -1.00 0.00	19.13 -0.78 0.00	28.49 -0.23 0.00	29.07 0.23 0.00	26.92 0.08 0.00
NORTHPORT____1 23551	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.04 1.80 -4.94	31.20 1.97 -3.24	26.51 1.33 0.02	28.92 1.66 -0.99	33.53 1.87 -1.46	37.14 2.08 -4.56	40.27 2.17 -5.16	48.53 2.00 -13.76	49.38 2.18 -14.66	50.49 2.03 -16.78	54.13 2.41 -18.29	51.93 2.03 -24.59	52.25 1.83 -27.79	52.27 1.76 -28.78	70.19 1.91 -45.85	65.08 1.60 -43.67	52.14 1.59 -30.47	50.65 1.63 -29.11	50.44 2.18 -19.53	38.44 2.42 -7.18	38.39 2.55 -9.01
NORTHPORT____2 23552	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.04 1.80 -4.94	31.20 1.97 -3.24	26.51 1.33 0.02	28.92 1.66 -0.99	33.53 1.87 -1.46	37.14 2.08 -4.56	40.27 2.17 -5.16	48.53 2.00 -13.76	49.38 2.18 -14.66	50.49 2.03 -16.78	54.13 2.41 -18.29	51.93 2.03 -24.59	52.25 1.83 -27.79	52.27 1.76 -28.78	70.19 1.91 -45.85	65.08 1.60 -43.67	52.14 1.59 -30.47	50.65 1.63 -29.11	50.44 2.18 -19.53	38.44 2.42 -7.18	38.39 2.55 -9.01
NORTHPORT____3 23553	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.07 1.82 -4.94	31.20 1.97 -3.24	26.71 1.54 0.02	29.13 1.87 -0.99	33.80 2.14 -1.46	37.42 2.35 -4.56	40.57 2.47 -5.16	49.02 2.49 -13.76	49.84 2.63 -14.66	50.87 2.41 -16.78	54.30 2.57 -18.29	52.17 2.25 -24.60	52.48 2.06 -27.79	52.52 2.00 -28.79	70.38 2.09 -45.86	65.33 1.84 -43.68	52.26 1.71 -30.48	50.77 1.75 -29.11	50.64 2.38 -19.53	38.50 2.48 -7.18	38.28 2.44 -9.01
NORTHPORT____4 23650	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.07 1.82 -4.94	31.20 1.97 -3.24	26.71 1.54 0.02	29.13 1.87 -0.99	33.80 2.14 -1.46	37.42 2.35 -4.56	40.57 2.47 -5.16	49.02 2.49 -13.76	49.84 2.63 -14.66	50.87 2.41 -16.78	54.30 2.57 -18.29	52.17 2.25 -24.60	52.48 2.06 -27.79	52.52 2.00 -28.79	70.38 2.09 -45.86	65.33 1.84 -43.68	52.26 1.71 -30.48	50.77 1.75 -29.11	50.64 2.38 -19.53	38.50 2.48 -7.18	38.28 2.44 -9.01
NORTHPORT____IC 23718	43.90 2.24 -15.63	36.15 2.02 -8.52	32.92 2.03 -4.91	31.04 1.80 -4.94	31.20 1.97 -3.24	26.51 1.33 0.02	28.92 1.66 -0.99	33.53 1.87 -1.46	37.14 2.08 -4.56	40.27 2.17 -5.16	48.53 2.00 -13.76	49.38 2.18 -14.66	50.49 2.03 -16.78	54.13 2.41 -18.29	51.93 2.03 -24.59	52.25 1.83 -27.79	52.27 1.76 -28.78	70.19 1.91 -45.85	65.08 1.60 -43.67	52.14 1.59 -30.47	50.65 1.63 -29.11	50.44 2.18 -19.53	38.44 2.42 -7.18	38.39 2.55 -9.01

NORTH__COUNTRY_ESR 323785	25.77 -0.26 0.00	25.43 -0.18 0.00	25.75 -0.23 0.00	24.16 -0.14 0.00	25.88 -0.10 0.00	25.20 0.00 0.00	26.14 -0.13 0.00	30.13 -0.06 0.00	30.27 -0.25 0.00	32.47 -0.46 0.00	32.24 -0.53 0.00	32.16 -0.39 0.00	31.31 -0.38 0.00	33.10 -0.33 0.00	24.66 -0.66 0.00	21.95 -0.68 0.00	21.16 -0.57 0.00	21.90 -0.54 0.00	19.35 -0.45 0.00	19.58 -0.50 0.00	19.61 -0.30 0.00	28.64 -0.09 0.00	28.95 0.12 0.00	26.84 0.00 0.00
NPX_GEN_1385_PROXY 323591	43.95 2.29 -15.63	36.21 2.07 -8.52	32.95 2.05 -4.91	31.09 1.85 -4.94	31.25 2.03 -3.24	26.56 1.38 0.02	28.97 1.71 -0.99	33.59 1.93 -1.46	37.20 2.14 -4.56	40.27 2.17 -5.16	48.53 2.00 -13.76	49.38 2.18 -14.66	50.49 2.03 -16.78	54.13 2.41 -18.29	51.93 2.03 -24.59	52.25 1.83 -27.79	52.27 1.76 -28.78	70.24 1.95 -45.85	65.12 1.64 -43.67	52.18 1.63 -30.47	50.58 1.67 -29.00	50.60 2.24 -19.63	38.50 2.48 -7.18	38.47 2.63 -9.01
NPX_GEN_CSC 323557	44.60 2.94 -15.63	36.82 2.69 -8.52	33.57 2.68 -4.91	31.65 2.41 -4.94	31.88 2.65 -3.24	27.24 2.07 0.02	29.71 2.44 -0.99	34.43 2.78 -1.46	38.06 2.99 -4.56	41.23 3.13 -5.16	49.70 3.18 -13.76	50.52 3.32 -14.66	51.66 3.20 -16.78	55.34 3.61 -18.29	52.89 2.99 -24.59	53.11 2.69 -27.79	53.12 2.61 -28.79	83.28 2.67 -58.18	85.44 2.30 -63.34	52.87 2.31 -30.48	51.33 2.41 -29.01	51.66 3.30 -19.64	39.39 3.37 -7.18	39.14 3.30 -9.01
NSINS_S_GLNS_FALLS 23858	29.71 2.03 -1.65	27.50 1.90 0.00	28.57 1.92 -0.67	29.26 1.75 -3.20	28.55 1.90 -0.67	27.01 1.81 0.00	31.35 1.94 -3.13	41.23 2.23 -8.80	54.25 2.32 -21.42	62.06 2.50 -26.62	57.98 2.39 -22.83	51.76 2.41 -16.81	63.54 2.31 -29.54	70.14 2.41 -34.29	78.60 1.70 -51.59	90.14 1.47 -66.04	109.84 1.46 -86.66	84.50 1.46 -60.61	81.58 1.45 -60.33	75.83 1.63 -54.13	71.76 1.59 -50.26	37.40 2.21 -6.47	32.68 2.02 -1.82	29.41 1.82 -0.75
NUCOR_STEEL__DRP 24197	26.18 0.08 -0.06	25.43 -0.08 0.11	25.73 -0.16 0.10	24.21 -0.12 -0.03	25.64 -0.13 0.21	25.14 0.03 0.08	26.48 0.21 0.00	30.26 0.21 0.14	31.13 0.24 -0.38	33.49 0.26 -0.29	33.30 0.33 -0.21	33.02 0.33 -0.15	32.42 0.25 -0.48	34.25 0.27 -0.54	27.69 0.53 -1.84	25.42 0.57 -2.22	25.62 0.52 -3.37	26.00 0.56 -3.01	23.29 0.50 -2.99	22.88 0.56 -2.24	22.54 0.56 -2.08	29.48 0.49 -0.27	29.12 0.20 -0.08	27.03 0.16 -0.03
NUMBER_THREE_WT_PWR 323818	26.37 0.34 0.01	25.86 0.28 0.03	26.17 0.23 0.04	24.53 0.27 0.04	26.29 0.39 0.08	25.65 0.48 0.02	26.80 0.58 0.05	30.89 0.82 0.11	31.00 0.58 0.09	33.51 0.72 0.15	33.35 0.72 0.13	33.17 0.72 0.09	32.24 0.67 0.12	33.87 0.57 0.13	25.57 0.25 0.00	22.79 0.16 0.00	21.88 0.15 0.00	22.50 0.07 0.00	19.95 0.14 0.00	20.34 0.26 0.00	20.31 0.40 0.00	29.38 0.66 0.00	29.56 0.72 0.00	27.35 0.51 0.00
NYISO_LBMP_REFERENCE 24008	26.03 0.00 0.00	25.61 0.00 0.00	25.98 0.00 0.00	24.31 0.00 0.00	25.98 0.00 0.00	25.20 0.00 0.00	26.27 0.00 0.00	30.19 0.00 0.00	30.51 0.00 0.00	32.93 0.00 0.00	32.76 0.00 0.00	32.54 0.00 0.00	31.69 0.00 0.00	33.44 0.00 0.00	25.31 0.00 0.00	22.63 0.00 0.00	21.73 0.00 0.00	22.43 0.00 0.00	19.81 0.00 0.00	20.08 0.00 0.00	19.91 0.00 0.00	28.72 0.00 0.00	28.84 0.00 0.00	26.84 0.00 0.00
NYPA_BRENTWD__GT 24164	44.32 2.66 -15.63	36.54 2.41 -8.52	33.28 2.39 -4.91	31.41 2.16 -4.94	31.59 2.36 -3.24	26.94 1.76 0.02	29.39 2.13 -0.99	34.10 2.44 -1.46	37.72 2.65 -4.56	40.93 2.83 -5.16	49.31 2.78 -13.76	50.16 2.96 -14.66	51.25 2.79 -16.78	54.90 3.18 -18.29	52.54 2.63 -24.59	52.81 2.40 -27.79	52.81 2.30 -28.79	73.20 2.47 -48.29	69.49 2.12 -47.57	52.62 2.07 -30.48	51.12 2.11 -29.11	51.13 2.87 -19.53	38.96 2.94 -7.18	38.79 2.95 -9.00
NYPA_GOWANUS__GT5 24156	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.35 2.27 -6.64	40.05 1.90 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.10 1.91 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
NYPA_GOWANUS__GT6 24157	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.77 1.41 -1.06	27.70 1.56 -0.16	26.66 1.49 0.02	29.05 1.79 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.86 1.93 -4.17	37.57 2.08 -2.94	39.54 2.03 -5.83	42.35 2.27 -6.64	40.05 1.90 -12.84	39.92 1.79 -15.50	46.77 1.83 -23.22	45.10 1.91 -20.76	42.09 1.62 -20.66	39.97 1.43 -18.47	38.51 1.45 -17.15	32.94 2.01 -2.21	31.33 1.87 -0.62	29.03 1.93 -0.26
NYPA_HARLEM_RVR_GT1 24160	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.81 1.43 -1.07	27.71 1.56 -0.17	26.68 1.51 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.70 1.65 -4.55	39.90 1.81 -5.15	38.57 1.64 -4.17	37.44 1.95 -2.94	39.35 1.84 -5.83	42.19 2.11 -6.64	39.90 1.75 -12.84	39.85 1.72 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	42.07 1.60 -20.66	39.83 1.29 -18.47	38.43 1.37 -17.15	32.86 1.92 -2.21	31.32 1.85 -0.63	29.00 1.91 -0.26
NYPA_HARLEM_RVR_GT2 24161	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.81 1.43 -1.07	27.71 1.56 -0.17	26.68 1.51 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.70 1.65 -4.55	39.90 1.81 -5.15	38.57 1.64 -4.17	37.44 1.95 -2.94	39.35 1.84 -5.83	42.19 2.11 -6.64	39.90 1.75 -12.84	39.85 1.72 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	42.07 1.60 -20.66	39.83 1.29 -18.47	38.43 1.37 -17.15	32.86 1.92 -2.21	31.32 1.85 -0.63	29.00 1.91 -0.26
NYPA_KENT__GT 24152	28.40 1.80 -0.57	27.22 1.64 0.03	27.76 1.59 -0.19	26.75 1.38 -1.06	27.65 1.51 -0.16	26.63 1.46 0.02	29.03 1.76 -0.99	33.50 1.84 -1.46	36.93 1.86 -4.55	40.17 2.08 -5.16	38.83 1.90 -4.17	37.54 2.05 -2.94	39.54 2.03 -5.83	42.35 2.27 -6.64	40.05 1.90 -12.84	39.90 1.77 -15.50	46.72 1.78 -23.22	45.07 1.88 -20.76	42.05 1.59 -20.66	39.95 1.40 -18.47	38.49 1.43 -17.15	32.88 1.95 -2.21	31.28 1.82 -0.62	28.98 1.88 -0.26
NYPA_POUCH1__GT 24155	28.45 1.85 -0.57	27.27 1.69 0.03	27.78 1.61 -0.19	26.75 1.38 -1.06	27.67 1.53 -0.16	26.63 1.46 0.02	28.97 1.71 -0.99	34.48 1.75 -2.54	34.15 1.71 -1.93	36.25 1.91 -1.40	37.90 1.77 -3.37	37.13 1.92 -2.67	39.41 1.90 -5.82	42.25 2.17 -6.64	39.97 1.82 -12.84	39.83 1.70 -15.50	46.68 1.74 -23.21	45.05 1.86 -20.75	42.03 1.56 -20.66	39.92 1.37 -18.47	38.45 1.39 -17.15	32.95 1.95 -2.28	31.25 1.79 -0.63	29.00 1.91 -0.26
NYPA_VERNON__GT2 24162	28.35 1.74 -0.57	27.17 1.59 0.03	27.71 1.53 -0.19	26.70 1.34 -1.06	27.62 1.48 -0.16	26.58 1.41 0.02	29.03 1.76 -0.99	33.47 1.81 -1.46	36.93 1.86 -4.55	40.14 2.04 -5.16	38.83 1.90 -4.17	37.54 2.05 -2.94	39.51 2.00 -5.83	42.32 2.24 -6.64	40.03 1.87 -12.84	39.90 1.77 -15.50	46.70 1.76 -23.22	45.03 1.84 -20.76	42.03 1.56 -20.66	39.91 1.37 -18.47	38.45 1.39 -17.15	32.83 1.90 -2.21	31.22 1.76 -0.62	28.93 1.83 -0.26

NYPA_VERNON____GT3 24163	28.35 1.74 -0.57	27.17 1.59 0.03	27.71 1.53 -0.19	26.70 1.34 -1.06	27.62 1.48 -0.16	26.58 1.41 0.02	29.03 1.76 -0.99	33.47 1.81 -1.46	36.93 1.86 -4.55	40.14 2.04 -5.16	38.83 1.90 -4.17	37.54 2.05 -2.94	39.51 2.00 -5.83	42.32 2.24 -6.64	40.03 1.87 -12.84	39.90 1.77 -15.50	46.70 1.76 -23.22	45.03 1.84 -20.76	42.03 1.56 -20.66	39.91 1.37 -18.47	38.45 1.39 -17.15	32.83 1.90 -2.21	31.22 1.76 -0.62	28.93 1.83 -0.26
NYPA____ASTORIA_CC1 323568	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.43 1.78 -1.46	36.87 1.80 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.47 1.99 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	44.99 1.80 -20.76	42.01 1.55 -20.66	39.87 1.32 -18.47	38.41 1.35 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
NYPA____ASTORIA_CC2 323569	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.43 1.78 -1.46	36.87 1.80 -4.55	40.07 1.98 -5.16	38.76 1.83 -4.17	37.47 1.99 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.85 1.72 -15.50	46.66 1.72 -23.22	44.99 1.80 -20.76	42.01 1.55 -20.66	39.87 1.32 -18.47	38.41 1.35 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
NYPA____HOLTSVILL 23794	44.24 2.58 -15.63	36.46 2.33 -8.52	33.23 2.34 -4.91	31.34 2.09 -4.94	31.51 2.29 -3.24	26.91 1.74 0.02	29.34 2.08 -0.99	34.04 2.38 -1.46	37.63 2.56 -4.56	40.76 2.67 -5.16	49.18 2.65 -13.76	50.00 2.80 -14.66	51.16 2.69 -16.78	54.77 3.04 -18.29	52.46 2.56 -24.59	52.72 2.31 -27.79	52.73 2.22 -28.78	82.78 2.38 -57.97	84.85 2.04 -63.00	52.55 1.99 -30.48	51.07 2.05 -29.11	51.05 2.79 -19.54	38.90 2.88 -7.18	38.71 2.87 -9.01
NYPA____HELLGATE_GT1 24158	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.81 1.43 -1.07	27.71 1.56 -0.17	26.68 1.51 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.70 1.65 -4.55	39.90 1.81 -5.15	38.57 1.64 -4.17	37.44 1.95 -2.94	39.35 1.84 -5.83	42.19 2.11 -6.64	39.90 1.75 -12.84	39.85 1.72 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	42.07 1.60 -20.66	39.83 1.29 -18.47	38.43 1.37 -17.15	32.86 1.92 -2.21	31.32 1.85 -0.63	29.00 1.91 -0.26
NYPA____HELLGATE_GT2 24159	28.40 1.80 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.81 1.43 -1.07	27.71 1.56 -0.17	26.68 1.51 0.02	29.05 1.79 -0.99	33.28 1.63 -1.46	36.70 1.65 -4.55	39.90 1.81 -5.15	38.57 1.64 -4.17	37.44 1.95 -2.94	39.35 1.84 -5.83	42.19 2.11 -6.64	39.90 1.75 -12.84	39.85 1.72 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	42.07 1.60 -20.66	39.83 1.29 -18.47	38.43 1.37 -17.15	32.86 1.92 -2.21	31.32 1.85 -0.63	29.00 1.91 -0.26
NYS_BARGE____HYD 23848	25.77 -0.31 -0.04	24.49 -0.82 0.30	24.62 -1.04 0.32	22.92 -1.21 0.17	24.14 -1.19 0.65	24.15 -0.83 0.22	25.18 -0.84 0.25	28.48 -0.97 0.75	29.66 -0.85 -0.01	31.53 -1.02 0.39	31.52 -0.85 0.39	31.40 -0.88 0.27	30.81 -0.89 -0.01	32.29 -1.14 0.01	27.55 -0.03 -2.26	25.41 0.05 -2.73	25.76 -0.06 -4.09	26.11 0.02 -3.66	23.37 -0.08 -3.64	23.07 0.20 -2.80	22.50 0.00 -2.59	28.34 -0.72 -0.33	27.75 -1.18 -0.09	26.10 -0.78 -0.04
OAK ORCHARD____HYD 24046	26.14 0.08 -0.02	25.06 -0.23 0.32	25.24 -0.39 0.36	23.54 -0.53 0.23	24.76 -0.52 0.70	24.71 -0.25 0.23	25.78 -0.18 0.31	29.15 -0.18 0.86	30.27 -0.06 0.18	32.17 -0.13 0.63	32.21 0.03 0.59	32.20 0.07 0.41	31.26 -0.19 0.24	32.98 -0.17 0.29	27.56 0.35 -1.89	25.28 0.36 -2.29	25.41 0.26 -3.43	25.90 0.40 -3.06	23.17 0.32 -3.04	22.80 0.48 -2.24	22.36 0.38 -2.08	29.02 0.03 -0.27	28.51 -0.40 -0.08	26.63 -0.24 -0.03
OAKDALE____35_KV_LOAD 356122	26.30 0.08 -0.19	25.35 -0.13 0.13	25.75 -0.16 0.07	24.39 -0.17 -0.25	25.61 -0.16 0.21	25.03 -0.08 0.09	26.53 0.05 -0.20	30.46 0.12 -0.15	32.05 0.15 -1.39	34.48 0.13 -1.42	34.07 0.20 -1.11	33.50 0.16 -0.79	33.62 0.16 -1.78	35.56 0.10 -2.02	30.65 0.53 -4.81	29.02 0.59 -5.81	30.93 0.52 -8.68	30.76 0.58 -7.75	28.01 0.50 -7.71	27.26 0.58 -6.60	26.56 0.52 -6.13	29.97 0.46 -0.79	29.23 0.17 -0.22	27.14 0.21 -0.09
OCC_CHEM____DRP 24175	25.46 -0.62 -0.05	24.19 -1.13 0.30	24.33 -1.33 0.32	22.68 -1.46 0.16	23.86 -1.48 0.64	23.87 -1.11 0.22	24.69 -1.34 0.24	27.85 -1.57 0.77	29.16 -1.34 0.01	30.94 -1.58 0.41	30.94 -1.41 0.41	30.89 -1.37 0.29	30.25 -1.43 0.01	31.67 -1.74 0.03	27.05 -0.56 -2.30	25.06 -0.34 -2.77	25.28 -0.59 -4.14	25.68 -0.49 -3.74	23.08 -0.46 -3.73	22.78 -0.18 -2.88	22.16 -0.40 -2.65	27.83 -1.24 -0.34	27.21 -1.73 -0.10	25.70 -1.18 -0.04
OH_GEN_PROXY 24063	25.56 -0.52 -0.05	24.34 -0.97 0.30	24.49 -1.17 0.33	22.85 -1.29 0.17	24.03 -1.30 0.65	24.02 -0.96 0.22	25.00 -1.03 0.25	28.26 -1.18 0.75	29.43 -1.10 -0.01	31.30 -1.25 0.38	31.30 -1.08 0.38	31.17 -1.11 0.26	30.53 -1.17 -0.02	32.07 -1.37 0.00	27.33 -0.28 -2.29	25.24 -0.16 -2.77	25.57 -0.30 -4.15	25.95 -0.18 -3.70	23.25 -0.24 -3.68	22.96 0.04 -2.84	22.30 -0.14 -2.53	28.22 -0.95 -0.44	27.55 -1.38 -0.10	25.94 -0.94 -0.04
OLIN_CORP_DRP 24177	25.38 -0.70 -0.05	24.06 -1.25 0.29	24.21 -1.45 0.32	22.57 -1.58 0.16	23.73 -1.61 0.64	23.75 -1.23 0.21	24.78 -1.26 0.24	27.93 -1.54 0.72	29.25 -1.31 -0.05	31.05 -1.55 0.34	31.04 -1.38 0.34	30.97 -1.33 0.24	30.35 -1.39 -0.06	31.78 -1.71 -0.05	27.20 -0.46 -2.34	25.18 -0.27 -2.82	25.48 -0.48 -4.23	25.83 -0.38 -3.78	23.21 -0.36 -3.76	22.91 -0.08 -2.91	22.31 -0.30 -2.70	27.95 -1.12 -0.35	27.32 -1.61 -0.10	25.72 -1.15 -0.04
OLIN_CORP_DSASP 323712	25.46 -0.63 -0.05	24.26 -1.05 0.30	24.41 -1.25 0.32	22.76 -1.38 0.16	23.93 -1.40 0.64	23.92 -1.06 0.22	24.75 -1.29 0.24	27.94 -1.48 0.77	29.10 -1.40 0.01	30.92 -1.61 0.40	30.92 -1.44 0.40	30.80 -1.46 0.29	30.16 -1.52 0.01	31.68 -1.74 0.02	27.04 -0.58 -2.31	24.98 -0.43 -2.78	25.30 -0.59 -4.16	25.68 -0.49 -3.74	23.02 -0.52 -3.73	22.74 -0.22 -2.88	22.14 -0.42 -2.65	27.75 -1.32 -0.34	27.21 -1.73 -0.10	25.67 -1.21 -0.04
ONEIDA_HERK_LFGE 323681	26.47 0.44 0.01	25.94 0.38 0.05	26.28 0.36 0.06	24.61 0.37 0.06	26.33 0.47 0.12	25.66 0.50 0.04	26.86 0.66 0.08	30.95 0.94 0.18	31.16 0.79 0.14	33.79 1.09 0.23	33.64 1.08 0.20	33.45 1.04 0.14	32.52 1.01 0.18	34.23 1.00 0.21	26.10 0.79 0.00	23.31 0.68 0.00	22.40 0.67 0.00	23.02 0.58 0.00	20.36 0.55 0.00	20.68 0.60 0.00	20.56 0.66 0.00	29.56 0.83 0.00	29.62 0.78 0.00	27.43 0.59 0.00
ONEIDA____115KV_TB4 55905	26.48 0.47 0.02	25.87 0.36 0.10	26.19 0.34 0.12	24.55 0.36 0.12	26.19 0.44 0.23	25.63 0.50 0.07	26.81 0.68 0.15	30.84 1.00 0.35	31.12 0.88 0.28	33.64 1.15 0.45	33.52 1.15 0.39	33.38 1.11 0.27	32.38 1.05 0.35	34.10 1.07 0.41	26.28 0.96 0.00	23.53 0.91 0.00	22.60 0.87 0.00	23.31 0.87 0.00	20.60 0.79 0.00	20.94 0.86 0.00	20.80 0.90 0.00	29.76 1.03 0.00	29.70 0.87 0.00	27.53 0.70 0.00

ONONDAGA_REF_OCCRA 23987	25.79 -0.29 -0.04	25.04 -0.41 0.16	25.37 -0.44 0.17	23.81 -0.44 0.06	25.17 -0.47 0.35	24.75 -0.33 0.12	25.94 -0.24 0.10	29.59 -0.24 0.36	30.45 -0.21 -0.15	32.69 -0.20 0.05	32.55 -0.13 0.08	32.36 -0.13 0.05	31.72 -0.16 -0.19	33.48 -0.17 -0.20	27.05 0.10 -1.63	24.83 0.23 -1.97	24.93 0.20 -3.01	25.32 0.20 -2.68	22.66 0.18 -2.67	22.29 0.26 -1.95	21.96 0.24 -1.81	29.04 0.09 -0.23	28.73 -0.17 -0.07	26.70 -0.16 -0.03
ONONDAGA___COGEN 23986	25.85 -0.23 -0.05	25.14 -0.36 0.11	25.46 -0.42 0.10	23.92 -0.39 0.00	25.35 -0.42 0.22	24.84 -0.28 0.08	26.06 -0.18 0.03	29.83 -0.18 0.18	30.60 -0.18 -0.27	32.97 -0.13 -0.17	32.77 -0.10 -0.11	32.56 -0.07 -0.08	31.94 -0.10 -0.35	33.73 -0.10 -0.39	27.04 0.18 -1.55	24.77 0.27 -1.87	24.79 0.24 -2.82	25.18 0.22 -2.52	22.51 0.20 -2.51	22.15 0.28 -1.79	21.83 0.26 -1.66	29.05 0.11 -0.21	28.78 -0.12 -0.06	26.75 -0.11 -0.02
ONTARIO___LFGE 23819	26.14 0.05 -0.05	25.12 -0.26 0.23	25.38 -0.36 0.24	23.83 -0.39 0.09	25.10 -0.39 0.49	24.93 -0.10 0.17	26.20 0.08 0.15	29.89 0.21 0.51	30.87 0.18 -0.18	33.09 0.26 0.10	32.98 0.36 0.14	32.81 0.36 0.09	32.20 0.28 -0.22	33.88 0.20 -0.24	28.17 0.66 -2.20	25.92 0.63 -2.66	26.36 0.65 -3.98	26.64 0.65 -3.55	23.94 0.59 -3.54	23.49 0.70 -2.71	23.02 0.60 -2.52	29.48 0.43 -0.32	28.93 0.00 -0.09	26.93 0.05 -0.04
ORANGEVILLE_WT_PWR 323706	25.90 -0.21 -0.07	24.63 -0.72 0.26	24.86 -0.86 0.27	23.23 -1.00 0.08	24.47 -0.96 0.55	24.40 -0.60 0.19	25.57 -0.55 0.15	29.10 -0.54 0.55	30.32 -0.49 -0.29	32.34 -0.59 0.01	32.23 -0.46 0.07	32.01 -0.49 0.04	31.71 -0.35 -0.38	33.18 -0.67 -0.41	28.45 0.38 -2.75	26.31 0.36 -3.33	26.99 0.28 -4.98	27.24 0.36 -4.44	24.45 0.22 -4.42	24.07 0.46 -3.53	23.49 0.30 -3.28	28.91 -0.23 -0.42	28.27 -0.69 -0.12	26.48 -0.40 -0.05
ORANGEVILLE___ESR 323794	25.90 -0.21 -0.07	24.63 -0.72 0.26	24.86 -0.86 0.27	23.23 -1.00 0.08	24.47 -0.96 0.55	24.40 -0.60 0.19	25.57 -0.55 0.15	29.10 -0.54 0.55	30.32 -0.49 -0.29	32.34 -0.59 0.01	32.23 -0.46 0.07	32.01 -0.49 0.04	31.71 -0.35 -0.38	33.18 -0.67 -0.41	28.45 0.38 -2.75	26.31 0.36 -3.33	26.99 0.28 -4.98	27.24 0.36 -4.44	24.45 0.22 -4.42	24.07 0.46 -3.53	23.49 0.30 -3.28	28.91 -0.23 -0.42	28.27 -0.69 -0.12	26.48 -0.40 -0.05
OSWEGATCHIE___HYD 24044	26.22 0.18 0.00	25.79 0.18 0.00	26.11 0.13 0.00	24.50 0.19 0.00	26.24 0.26 0.00	25.55 0.35 0.00	26.61 0.34 0.00	30.64 0.45 0.00	30.76 0.24 0.00	33.23 0.30 0.00	33.06 0.29 0.00	32.80 0.26 0.00	31.94 0.25 0.00	33.54 0.10 0.00	25.04 -0.28 0.00	22.18 -0.45 0.00	21.27 -0.46 0.00	21.78 -0.65 0.00	19.31 -0.49 0.00	19.64 -0.44 0.00	19.65 -0.26 0.00	28.93 0.20 0.00	29.33 0.49 0.00	27.10 0.27 0.00
OSWEGO___5 23606	25.52 -0.65 -0.14	25.38 -0.72 -0.49	25.84 -0.75 -0.61	24.26 -0.73 -0.69	26.37 -0.75 -1.14	24.87 -0.68 -0.35	26.44 -0.63 -0.79	31.30 -0.69 -1.80	31.50 -0.73 -1.72	34.78 -0.76 -2.60	34.27 -0.72 -2.23	33.39 -0.72 -1.56	33.16 -0.73 -2.20	35.21 -0.77 -2.54	26.02 -0.41 -1.11	23.70 -0.27 -1.34	23.45 -0.28 -2.01	23.94 -0.29 -1.79	21.35 -0.24 -1.79	19.92 -0.16 0.00	19.71 -0.20 0.00	28.26 -0.46 0.00	28.23 -0.61 0.00	26.27 -0.56 0.00
OSWEGO___6 23613	25.52 -0.65 -0.14	25.38 -0.72 -0.49	25.84 -0.75 -0.61	24.26 -0.73 -0.69	26.37 -0.75 -1.14	24.87 -0.68 -0.35	26.44 -0.63 -0.79	31.30 -0.69 -1.80	31.50 -0.73 -1.72	34.78 -0.76 -2.60	34.27 -0.72 -2.23	33.39 -0.72 -1.56	33.16 -0.73 -2.20	35.21 -0.77 -2.54	26.02 -0.41 -1.11	23.70 -0.27 -1.34	23.45 -0.28 -2.01	23.94 -0.29 -1.79	21.35 -0.24 -1.79	19.92 -0.16 0.00	19.71 -0.20 0.00	28.26 -0.46 0.00	28.23 -0.61 0.00	26.27 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	25.95 -0.13 -0.05	24.60 -0.72 0.29	24.73 -0.94 0.31	23.03 -1.12 0.15	24.26 -1.09 0.63	24.28 -0.71 0.21	25.28 -0.76 0.23	28.75 -0.72 0.72	30.14 -0.43 -0.05	32.02 -0.59 0.32	32.00 -0.43 0.34	31.92 -0.39 0.23	31.28 -0.48 -0.07	32.76 -0.74 -0.06	28.11 0.43 -2.36	25.98 0.50 -2.85	26.31 0.30 -4.28	26.47 0.22 -3.81	23.74 0.14 -3.79	23.42 0.40 -2.94	22.79 0.16 -2.72	28.61 -0.46 -0.35	27.93 -1.01 -0.10	26.31 -0.56 -0.04
OXBOW___ 24026	25.77 -0.31 -0.05	24.52 -0.79 0.29	24.68 -0.99 0.32	22.98 -1.17 0.16	24.17 -1.17 0.64	24.20 -0.78 0.21	25.07 -0.97 0.24	28.45 -1.00 0.74	29.65 -0.89 -0.02	31.55 -1.02 0.36	31.54 -0.85 0.37	31.41 -0.88 0.26	30.83 -0.89 -0.03	32.32 -1.14 -0.02	27.62 -0.03 -2.33	25.49 0.05 -2.81	25.87 -0.06 -4.21	26.15 -0.07 -3.78	23.39 -0.18 -3.76	23.11 0.12 -2.91	22.49 -0.10 -2.69	28.21 -0.86 -0.35	27.64 -1.30 -0.10	26.02 -0.86 -0.04
OXY_CHEM_DSASP 323612	25.46 -0.62 -0.05	24.19 -1.13 0.30	24.33 -1.33 0.32	22.68 -1.46 0.16	23.86 -1.48 0.64	23.87 -1.11 0.22	24.69 -1.34 0.24	27.85 -1.57 0.77	29.16 -1.34 0.01	30.94 -1.58 0.41	30.94 -1.41 0.41	30.89 -1.37 0.29	30.25 -1.43 0.01	31.67 -1.74 0.03	27.05 -0.56 -2.30	25.06 -0.34 -2.77	25.28 -0.59 -4.14	25.68 -0.49 -3.74	23.08 -0.46 -3.73	22.78 -0.18 -2.88	22.16 -0.40 -2.65	27.83 -1.24 -0.34	27.21 -1.73 -0.10	25.70 -1.18 -0.04
OZONE_PARK_ESR 323760	28.42 1.82 -0.56	27.24 1.66 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.71 1.54 0.02	29.13 1.87 -0.99	33.74 2.08 -1.46	37.17 2.11 -4.55	40.44 2.34 -5.16	39.19 2.26 -4.17	37.73 2.25 -2.94	39.83 2.31 -5.83	42.62 2.54 -6.64	40.31 2.15 -12.84	40.13 1.99 -15.51	46.92 1.98 -23.22	45.30 2.11 -20.76	42.15 1.68 -20.66	40.17 1.63 -18.47	38.67 1.61 -17.15	33.08 2.15 -2.21	31.51 2.05 -0.62	29.10 2.01 -0.25
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.46 -0.62 -0.05	24.19 -1.13 0.30	24.33 -1.33 0.32	22.68 -1.46 0.16	23.86 -1.48 0.64	23.87 -1.11 0.22	24.69 -1.34 0.24	27.85 -1.57 0.77	29.16 -1.34 0.01	30.94 -1.58 0.41	30.94 -1.41 0.41	30.89 -1.37 0.29	30.25 -1.43 0.01	31.67 -1.74 0.03	27.05 -0.56 -2.30	25.06 -0.34 -2.77	25.28 -0.59 -4.14	25.68 -0.49 -3.74	23.08 -0.46 -3.73	22.78 -0.18 -2.88	22.16 -0.40 -2.65	27.83 -1.24 -0.34	27.21 -1.73 -0.10	25.70 -1.18 -0.04
PACKARD___115KV_DUPONT_184 80571	25.46 -0.62 -0.05	24.19 -1.13 0.30	24.33 -1.33 0.32	22.68 -1.46 0.16	23.86 -1.48 0.64	23.87 -1.11 0.22	24.69 -1.34 0.24	27.85 -1.57 0.77	29.16 -1.34 0.01	30.94 -1.58 0.41	30.94 -1.41 0.41	30.89 -1.37 0.29	30.25 -1.43 0.01	31.67 -1.74 0.03	27.05 -0.56 -2.30	25.06 -0.34 -2.77	25.28 -0.59 -4.14	25.68 -0.49 -3.74	23.08 -0.46 -3.73	22.78 -0.18 -2.88	22.16 -0.40 -2.65	27.83 -1.24 -0.34	27.21 -1.73 -0.10	25.70 -1.18 -0.04
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.42 1.82 -0.57	27.25 1.66 0.02	27.79 1.61 -0.20	26.83 1.46 -1.07	27.68 1.53 -0.17	26.68 1.51 0.02	29.03 1.76 -0.99	33.35 1.69 -1.46	36.75 1.68 -4.56	39.94 1.84 -5.16	38.83 1.90 -4.17	37.41 1.92 -2.94	39.61 2.09 -5.83	42.45 2.37 -6.64	40.13 1.97 -12.84	39.97 1.83 -15.51	46.83 1.89 -23.22	45.19 2.00 -20.76	42.07 1.60 -20.66	40.03 1.49 -18.47	38.53 1.47 -17.15	32.97 2.04 -2.21	31.49 2.02 -0.63	29.09 1.99 -0.26

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.63 2.03 -0.57	27.46 1.87 0.02	28.00 1.82 -0.20	27.03 1.65 -1.07	27.89 1.74 -0.17	26.89 1.71 0.02	29.24 1.97 -0.99	33.56 1.90 -1.46	36.99 1.92 -4.56	40.34 2.24 -5.16	39.22 2.29 -4.17	37.83 2.34 -2.94	40.02 2.50 -5.83	42.92 2.84 -6.64	40.59 2.43 -12.84	40.37 2.24 -15.51	47.20 2.26 -23.22	45.41 2.22 -20.76	42.27 1.80 -20.66	40.25 1.71 -18.47	38.75 1.69 -17.15	33.29 2.36 -2.21	31.78 2.31 -0.63	29.38 2.28 -0.26
PATROON__115KV_TB1 80586	28.41 1.09 -1.28	26.68 1.08 0.00	27.59 1.09 -0.52	27.84 1.05 -2.49	27.59 1.09 -0.52	26.18 0.98 0.00	29.63 1.02 -2.33	30.22 1.18 1.15	33.61 1.19 -1.91	33.92 1.28 0.30	32.33 1.31 1.74	31.81 1.30 2.03	32.94 1.27 0.01	34.05 1.34 0.73	40.59 1.11 -14.16	36.41 1.00 -12.78	55.89 0.93 -33.22	70.43 0.94 -47.05	67.45 0.81 -46.83	62.88 0.80 -42.00	59.68 0.78 -39.00	34.83 1.09 -5.02	31.38 1.12 -1.42	28.54 1.13 -0.58
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.55 -0.55 -0.06	24.08 -1.25 0.28	24.23 -1.45 0.29	22.63 -1.56 0.12	23.80 -1.58 0.59	23.81 -1.18 0.20	24.95 -1.13 0.19	28.35 -1.21 0.64	29.71 -0.98 -0.17	31.65 -1.12 0.17	31.58 -0.98 0.20	31.43 -0.98 0.14	30.93 -0.98 -0.22	32.40 -1.27 -0.24	28.36 0.48 -2.56	26.26 0.54 -3.09	26.76 0.39 -4.64	27.02 0.45 -4.14	24.26 0.34 -4.12	23.91 0.58 -3.25	23.24 0.32 -3.01	28.91 -0.20 -0.39	28.17 -0.78 -0.11	26.45 -0.43 -0.04
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.37 1.77 -0.57	27.24 1.66 0.03	27.79 1.61 -0.20	26.85 1.46 -1.08	27.70 1.56 -0.16	26.71 1.54 0.02	29.15 1.87 -1.01	33.71 2.02 -1.50	37.30 2.14 -4.65	40.51 2.31 -5.27	39.31 2.29 -4.25	37.76 2.21 -3.00	39.79 2.15 -5.95	42.59 2.37 -6.78	40.31 1.90 -13.10	40.25 1.81 -15.81	47.14 1.74 -23.67	45.46 1.86 -21.17	42.42 1.54 -21.07	40.44 1.53 -18.84	38.91 1.51 -17.49	32.96 1.98 -2.25	31.32 1.85 -0.63	28.89 1.80 -0.26
PEEKSKILL____ 23653	28.02 1.43 -0.55	26.88 1.31 0.03	27.47 1.30 -0.19	26.50 1.14 -1.05	27.38 1.25 -0.16	26.36 1.18 0.02	28.73 1.47 -0.98	33.24 1.60 -1.45	36.70 1.68 -4.51	39.85 1.81 -5.11	38.65 1.77 -4.12	37.21 1.76 -2.91	39.19 1.74 -5.77	41.91 1.91 -6.57	39.67 1.64 -12.71	39.46 1.49 -15.34	46.18 1.48 -22.98	44.57 1.59 -20.54	41.56 1.31 -20.45	39.58 1.22 -18.28	38.10 1.21 -16.97	32.52 1.61 -2.19	30.92 1.47 -0.62	28.59 1.50 -0.25
PGE MADISON__WINDPWR 24146	27.66 1.40 -0.22	26.62 1.13 0.11	27.03 1.09 0.04	25.75 1.12 -0.33	27.17 1.35 0.16	26.62 1.51 0.08	28.50 1.94 -0.28	33.27 2.81 -0.27	34.58 2.41 -1.66	37.41 2.73 -1.74	36.96 2.82 -1.38	36.09 2.57 -0.98	36.25 2.44 -2.12	38.36 2.51 -2.41	32.90 2.13 -5.46	31.17 1.95 -6.59	33.53 1.93 -9.87	33.20 1.97 -8.79	30.42 1.86 -8.75	29.73 2.11 -7.55	29.11 2.19 -7.01	32.30 2.67 -0.90	31.40 2.31 -0.25	28.90 1.96 -0.10
PIERCEFIELD__HYD 23852	26.09 0.05 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.43 0.12 0.00	26.19 0.21 0.00	25.45 0.25 0.00	26.38 0.11 0.00	30.31 0.12 0.00	30.45 -0.06 0.00	32.90 -0.03 0.00	32.70 -0.07 0.00	32.48 -0.07 0.00	31.62 -0.06 0.00	33.17 -0.27 0.00	24.61 -0.71 0.00	21.63 -1.00 0.00	20.77 -0.96 0.00	21.11 -1.32 0.00	18.70 -1.11 0.00	18.91 -1.16 0.00	18.97 -0.94 0.00	28.41 -0.32 0.00	29.04 0.20 0.00	26.89 0.05 0.00
PINELAWN_CC_1 323563	44.11 2.45 -15.63	36.33 2.20 -8.52	33.10 2.21 -4.91	31.21 1.97 -4.94	31.38 2.16 -3.24	26.83 1.66 0.02	29.29 2.02 -0.99	33.95 2.29 -1.46	37.57 2.50 -4.56	40.73 2.64 -5.16	49.15 2.62 -13.76	49.97 2.76 -14.66	51.06 2.60 -16.78	54.67 2.94 -18.29	52.39 2.48 -24.59	52.66 2.24 -27.79	52.69 2.17 -28.79	71.27 2.33 -46.50	66.54 2.02 -44.71	52.50 1.95 -30.48	50.99 1.97 -29.11	50.92 2.67 -19.53	38.73 2.71 -7.18	38.52 2.68 -9.00
PJM_GEN_HTP_PROXY 323702	28.13 1.54 -0.56	26.99 1.41 0.03	27.55 1.38 -0.19	26.58 1.21 -1.06	27.46 1.32 -0.16	26.43 1.26 0.02	28.87 1.60 -0.99	33.40 1.75 -1.46	36.87 1.80 -4.55	40.10 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.22 2.14 -6.64	40.00 1.85 -12.84	39.80 1.67 -15.50	46.62 1.67 -23.22	44.96 1.77 -20.76	41.91 1.45 -20.66	39.87 1.32 -18.47	38.27 1.31 -17.05	32.78 1.75 -2.31	31.05 1.59 -0.62	28.73 1.64 -0.25
PJM_GEN_KEystone 24065	26.70 0.34 -0.33	24.75 0.05 0.91	22.93 -0.03 3.02	21.92 -0.12 2.26	21.85 -0.08 4.05	24.40 0.03 0.82	26.50 0.19 -0.04	29.30 0.21 1.10	30.90 0.24 -0.14	32.05 0.26 1.15	33.56 0.26 -0.54	34.20 0.26 -1.40	33.30 0.35 -1.26	37.41 0.24 -3.74	34.13 0.73 -8.08	33.09 0.70 -9.76	36.99 0.65 -14.61	36.28 0.78 -13.06	33.40 0.59 -13.00	32.13 0.62 -11.43	30.96 0.54 -10.51	30.64 0.46 -1.46	29.40 0.17 -0.39	26.85 0.35 0.33
PJM_GEN_NEPTUNE_PROXY 323594	43.59 1.93 -15.63	35.87 1.74 -8.52	32.63 1.74 -4.91	30.80 1.56 -4.94	30.91 1.69 -3.24	26.46 1.28 0.02	28.87 1.60 -0.99	33.47 1.81 -1.46	37.05 1.98 -4.56	40.21 2.11 -5.16	48.63 2.10 -13.76	49.41 2.21 -14.66	50.52 2.06 -16.78	54.07 2.34 -18.29	51.93 2.03 -24.59	52.25 1.83 -27.79	52.27 1.76 -28.78	69.62 1.86 -45.32	64.23 1.60 -42.82	52.08 1.53 -30.47	50.44 1.53 -29.00	50.42 2.07 -19.63	38.09 2.08 -7.18	37.93 2.09 -9.00
PJM_GEN_VFT_PROXY 323633	27.97 1.38 -0.56	26.80 1.23 0.04	27.36 1.20 -0.18	26.41 1.04 -1.06	27.27 1.14 -0.15	26.31 1.13 0.02	28.71 1.44 -0.99	30.89 1.57 0.87	30.92 1.59 1.18	31.67 1.78 3.04	36.86 1.67 -2.43	36.62 1.72 -2.35	39.22 1.71 -5.83	41.98 1.91 -6.64	39.82 1.67 -12.84	39.65 1.52 -15.50	46.49 1.54 -23.22	44.81 1.62 -20.76	41.77 1.31 -20.66	39.73 1.18 -18.47	38.13 1.17 -17.05	32.44 1.55 -2.17	30.87 1.41 -0.62	28.57 1.48 -0.25
PLATSBRG_115KV_PMLD1 355749	26.09 0.05 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.52 0.33 0.00	30.48 -0.03 0.00	32.67 -0.26 0.00	32.43 -0.33 0.00	32.35 -0.20 0.00	31.40 -0.29 0.00	33.27 -0.17 0.00	24.86 -0.46 0.00	22.11 -0.52 0.00	21.36 -0.37 0.00	22.12 -0.31 0.00	19.55 -0.26 0.00	19.78 -0.30 0.00	19.91 0.00 0.00	29.04 0.32 0.00	29.33 0.49 0.00	27.21 0.38 0.00
PLEASANTVLY__LBMP 24000	27.97 1.35 -0.58	26.86 1.28 0.03	27.46 1.27 -0.20	26.58 1.17 -1.11	27.40 1.25 -0.17	26.36 1.18 0.02	28.73 1.42 -1.04	33.23 1.51 -1.53	36.83 1.56 -4.76	40.04 1.71 -5.40	38.79 1.67 -4.36	37.25 1.63 -3.07	39.43 1.65 -6.09	42.15 1.77 -6.94	40.26 1.54 -13.41	40.24 1.43 -16.19	47.33 1.37 -24.24	45.58 1.48 -21.67	42.58 1.21 -21.57	40.55 1.18 -19.28	38.97 1.15 -17.91	32.58 1.55 -2.31	30.99 1.50 -0.65	28.63 1.53 -0.27
PLSNTVLE_13_KV_13.8KVDIST 80602	28.13 1.54 -0.56	27.01 1.43 0.03	27.58 1.40 -0.19	26.66 1.29 -1.07	27.52 1.38 -0.16	26.48 1.31 0.02	28.88 1.60 -1.00	33.42 1.75 -1.48	36.90 1.80 -4.59	40.11 1.98 -5.20	38.93 1.97 -4.20	37.46 1.95 -2.96	39.52 1.96 -5.87	42.27 2.14 -6.69	40.07 1.82 -12.93	39.94 1.70 -15.62	46.78 1.67 -23.38	45.11 1.77 -20.91	42.06 1.45 -20.81	40.09 1.41 -18.60	38.56 1.37 -17.27	32.78 1.84 -2.22	31.20 1.73 -0.63	28.84 1.74 -0.26

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.13 1.54 -0.56	27.01 1.43 0.03	27.58 1.40 -0.19	26.66 1.29 -1.07	27.52 1.38 -0.16	26.48 1.31 0.02	28.88 1.60 -1.00	33.42 1.75 -1.48	36.90 1.80 -4.59	40.11 1.98 -5.20	38.93 1.97 -4.20	37.46 1.95 -2.96	39.52 1.96 -5.87	42.27 2.14 -6.69	40.07 1.82 -12.93	39.94 1.70 -15.62	46.78 1.67 -23.38	45.11 1.77 -20.91	42.06 1.45 -20.81	40.09 1.41 -18.60	38.56 1.37 -17.27	32.78 1.84 -2.22	31.20 1.73 -0.63	28.84 1.74 -0.26
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.26 1.64 -0.59	27.11 1.54 0.03	27.69 1.51 -0.20	26.80 1.39 -1.11	27.63 1.48 -0.17	26.58 1.41 0.02	29.00 1.68 -1.04	33.54 1.81 -1.54	37.19 1.89 -4.78	40.43 2.07 -5.42	39.14 2.00 -4.38	37.62 1.99 -3.09	39.77 1.96 -6.12	42.52 2.11 -6.97	40.53 1.75 -13.47	40.52 1.63 -16.26	47.64 1.56 -24.35	45.88 1.68 -21.76	42.90 1.43 -21.66	40.83 1.39 -19.37	39.27 1.37 -17.99	32.85 1.81 -2.32	31.22 1.73 -0.65	28.85 1.74 -0.27
POLETTI____ 23519	28.13 1.54 -0.56	26.99 1.41 0.03	27.52 1.35 -0.19	26.58 1.22 -1.06	27.44 1.30 -0.16	26.46 1.28 0.02	28.87 1.60 -0.99	33.41 1.75 -1.46	36.84 1.77 -4.55	40.04 1.94 -5.16	38.83 1.90 -4.17	37.37 1.89 -2.94	39.45 1.93 -5.83	42.22 2.14 -6.64	40.00 1.85 -12.84	39.85 1.72 -15.51	46.64 1.69 -23.22	45.01 1.82 -20.76	41.89 1.43 -20.66	39.91 1.37 -18.47	38.41 1.35 -17.15	32.74 1.81 -2.21	31.16 1.70 -0.62	28.81 1.72 -0.25
PORT_JEFF_3 23555	44.34 2.68 -15.63	36.57 2.43 -8.52	33.31 2.42 -4.91	31.43 2.19 -4.94	31.61 2.39 -3.24	26.99 1.82 0.02	29.45 2.18 -0.99	34.16 2.50 -1.46	37.69 2.62 -4.56	40.80 2.70 -5.16	49.24 2.72 -13.76	50.10 2.90 -14.66	51.22 2.76 -16.78	54.87 3.14 -18.29	52.54 2.63 -24.59	52.79 2.38 -27.79	52.79 2.28 -28.79	83.37 2.45 -58.49	85.74 2.10 -63.84	52.63 2.07 -30.48	51.15 2.13 -29.11	51.16 2.90 -19.54	39.02 3.00 -7.18	38.82 2.98 -9.01
PORT_JEFF_4 23616	44.34 2.68 -15.63	36.57 2.43 -8.52	33.31 2.42 -4.91	31.43 2.19 -4.94	31.61 2.39 -3.24	26.99 1.82 0.02	29.45 2.18 -0.99	34.16 2.50 -1.46	37.69 2.62 -4.56	40.80 2.70 -5.16	49.24 2.72 -13.76	50.10 2.90 -14.66	51.22 2.76 -16.78	54.87 3.14 -18.29	52.54 2.63 -24.59	52.79 2.38 -27.79	52.79 2.28 -28.79	83.37 2.45 -58.49	85.74 2.10 -63.84	52.63 2.07 -30.48	51.15 2.13 -29.11	51.16 2.90 -19.54	39.02 3.00 -7.18	38.82 2.98 -9.01
PORT_JEFF_IC 23713	44.42 2.76 -15.63	36.61 2.48 -8.52	33.39 2.49 -4.91	31.48 2.23 -4.94	31.67 2.44 -3.24	27.06 1.89 0.02	29.50 2.23 -0.99	34.22 2.56 -1.46	37.63 2.56 -4.56	40.73 2.64 -5.16	49.21 2.69 -13.76	50.03 2.83 -14.66	51.19 2.73 -16.78	54.84 3.11 -18.29	52.52 2.61 -24.59	52.77 2.35 -27.79	52.79 2.28 -28.79	85.28 2.42 -60.42	88.83 2.10 -66.92	52.61 2.05 -30.48	51.19 2.17 -29.11	51.19 2.93 -19.54	39.10 3.09 -7.18	38.90 3.06 -9.01
PPL PILGRIM_ST_GT1 24216	44.32 2.66 -15.63	36.54 2.41 -8.52	33.28 2.39 -4.91	31.41 2.16 -4.94	31.59 2.36 -3.24	26.94 1.76 0.02	29.39 2.13 -0.99	34.10 2.44 -1.46	37.72 2.65 -4.56	40.93 2.83 -5.16	49.31 2.78 -13.76	50.16 2.96 -14.66	51.25 2.79 -16.78	54.90 3.18 -18.29	52.54 2.63 -24.59	52.81 2.40 -27.79	52.81 2.30 -28.79	73.20 2.47 -48.29	69.49 2.12 -47.57	52.62 2.07 -30.48	51.12 2.11 -29.11	51.13 2.87 -19.53	38.96 2.94 -7.18	38.79 2.95 -9.00
PPL PILGRIM_ST_GT2 24217	44.32 2.66 -15.63	36.54 2.41 -8.52	33.28 2.39 -4.91	31.41 2.16 -4.94	31.59 2.36 -3.24	26.94 1.76 0.02	29.39 2.13 -0.99	34.10 2.44 -1.46	37.72 2.65 -4.56	40.93 2.83 -5.16	49.31 2.78 -13.76	50.16 2.96 -14.66	51.25 2.79 -16.78	54.90 3.18 -18.29	52.54 2.63 -24.59	52.81 2.40 -27.79	52.81 2.30 -28.79	73.20 2.47 -48.29	69.49 2.12 -47.57	52.62 2.07 -30.48	51.12 2.11 -29.11	51.13 2.87 -19.53	38.96 2.94 -7.18	38.79 2.95 -9.00
PPL_SHRM_GT3 24213	44.60 2.94 -15.63	36.79 2.66 -8.52	33.57 2.68 -4.91	31.65 2.41 -4.94	31.85 2.62 -3.24	27.21 2.04 0.02	29.68 2.42 -0.99	34.43 2.78 -1.46	38.06 2.99 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.86 2.69 -58.73	86.35 2.32 -64.23	52.87 2.31 -30.48	51.43 2.41 -29.11	51.56 3.30 -19.54	39.39 3.37 -7.18	39.11 3.27 -9.01
PPL_SHRM_GT4 24214	44.60 2.94 -15.63	36.79 2.66 -8.52	33.57 2.68 -4.91	31.65 2.41 -4.94	31.85 2.62 -3.24	27.21 2.04 0.02	29.68 2.42 -0.99	34.43 2.78 -1.46	38.06 2.99 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.86 2.69 -58.73	86.35 2.32 -64.23	52.87 2.31 -30.48	51.43 2.41 -29.11	51.56 3.30 -19.54	39.39 3.37 -7.18	39.11 3.27 -9.01
PROJECT____ORANGE 1 24174	25.70 -0.36 -0.03	24.93 -0.49 0.19	25.25 -0.52 0.21	23.68 -0.51 0.11	25.02 -0.55 0.41	24.65 -0.40 0.14	25.77 -0.34 0.16	29.32 -0.39 0.48	30.13 -0.37 0.02	32.33 -0.33 0.27	32.20 -0.29 0.27	32.10 -0.26 0.18	31.38 -0.29 0.03	33.06 -0.33 0.04	26.68 0.00 -1.37	24.39 0.11 -1.65	24.33 0.11 -2.49	24.75 0.09 -2.22	22.12 0.10 -2.21	21.79 0.18 -1.53	21.49 0.16 -1.42	28.85 -0.06 -0.18	28.63 -0.26 -0.05	26.62 -0.24 -0.02
PROJECT____ORANGE 2 24166	25.70 -0.36 -0.03	24.93 -0.49 0.19	25.25 -0.52 0.21	23.68 -0.51 0.11	25.02 -0.55 0.41	24.65 -0.40 0.14	25.77 -0.34 0.16	29.32 -0.39 0.48	30.13 -0.37 0.02	32.33 -0.33 0.27	32.20 -0.29 0.27	32.10 -0.26 0.18	31.38 -0.29 0.03	33.06 -0.33 0.04	26.68 0.00 -1.37	24.39 0.11 -1.65	24.33 0.11 -2.49	24.75 0.09 -2.22	22.12 0.10 -2.21	21.79 0.18 -1.53	21.49 0.16 -1.42	28.85 -0.06 -0.18	28.63 -0.26 -0.05	26.62 -0.24 -0.02
PUCKETT____SOLAR 323809	26.71 0.47 -0.21	25.75 0.26 0.12	26.16 0.23 0.05	24.80 0.19 -0.30	26.09 0.29 0.18	25.46 0.35 0.09	27.08 0.55 -0.25	31.18 0.76 -0.24	32.74 0.64 -1.58	35.28 0.69 -1.65	34.76 0.69 -1.30	34.08 0.62 -0.92	34.31 0.60 -2.02	36.27 0.53 -2.30	31.37 0.79 -5.27	29.74 0.75 -6.37	32.04 0.78 -9.54	31.79 0.85 -8.50	29.04 0.77 -8.46	28.29 0.92 -7.29	27.58 0.90 -6.77	30.54 0.95 -0.87	29.75 0.66 -0.25	27.58 0.64 -0.10
PYRITES____HYD 24023	26.40 0.36 0.00	26.02 0.41 0.00	26.32 0.34 0.00	24.72 0.41 0.00	26.53 0.55 0.00	25.80 0.60 0.00	26.75 0.47 0.00	30.79 0.60 0.00	30.91 0.40 0.00	33.53 0.59 0.00	33.32 0.56 0.00	33.07 0.52 0.00	32.19 0.51 0.00	33.81 0.37 0.00	25.11 -0.20 0.00	22.06 -0.57 0.00	21.21 -0.52 0.00	21.49 -0.94 0.00	19.03 -0.77 0.00	19.29 -0.78 0.00	19.33 -0.58 0.00	28.84 0.11 0.00	29.42 0.58 0.00	27.21 0.38 0.00
QUAKERRD_115KV_BK1 80622	25.33 -0.73 -0.02	24.26 -1.02 0.32	24.45 -1.17 0.36	22.86 -1.22 0.23	24.03 -1.25 0.71	23.95 -1.01 0.23	25.04 -0.92 0.31	28.26 -1.06 0.87	29.39 -0.92 0.20	31.29 -0.99 0.65	31.33 -0.82 0.61	31.34 -0.78 0.42	30.54 -0.89 0.26	32.09 -1.04 0.32	26.78 -0.38 -1.84	24.58 -0.27 -2.22	24.72 -0.35 -3.34	25.12 -0.29 -2.98	22.54 -0.24 -2.97	22.12 -0.12 -2.17	21.70 -0.22 -2.01	28.24 -0.75 -0.26	27.76 -1.15 -0.07	25.85 -1.02 -0.03

QUENSBRY_115KV_TB8 356137	29.74 2.06 -1.65	27.50 1.90 0.00	28.58 1.92 -0.67	29.29 1.77 -3.21	28.58 1.92 -0.67	27.03 1.84 0.00	31.39 1.97 -3.14	41.10 2.29 -8.61	53.95 2.35 -21.09	61.60 2.54 -26.13	57.52 2.39 -22.37	51.43 2.44 -16.45	63.04 2.34 -29.01	69.53 2.44 -33.65	78.05 1.70 -51.04	89.30 1.47 -65.20	109.18 1.46 -86.00	84.71 1.48 -60.79	81.78 1.47 -60.51	76.04 1.67 -54.30	71.96 1.63 -50.42	37.48 2.27 -6.49	32.74 2.08 -1.83	29.44 1.85 -0.75
RAMAPO____LBMP 323565	27.85 1.28 -0.54	26.76 1.18 0.03	27.33 1.17 -0.18	26.37 1.05 -1.02	27.25 1.12 -0.15	26.26 1.08 0.02	28.57 1.34 -0.95	33.04 1.45 -1.40	36.38 1.50 -4.37	39.50 1.61 -4.95	38.33 1.57 -4.00	36.93 1.56 -2.82	38.87 1.58 -5.60	41.52 1.71 -6.38	39.17 1.52 -12.34	38.96 1.43 -14.90	45.41 1.37 -22.31	43.86 1.48 -19.95	40.85 1.19 -19.86	38.99 1.16 -17.75	37.54 1.15 -16.48	32.40 1.55 -2.12	30.88 1.44 -0.60	28.53 1.45 -0.24
RANKINE____ 23646	25.89 -0.21 -0.06	24.48 -0.85 0.28	24.64 -1.04 0.30	23.01 -1.17 0.13	24.21 -1.17 0.60	24.21 -0.78 0.20	25.31 -0.76 0.20	28.75 -0.78 0.66	30.11 -0.55 -0.14	32.03 -0.69 0.21	31.97 -0.56 0.24	31.86 -0.52 0.16	31.30 -0.57 -0.18	32.79 -0.84 -0.19	28.30 0.48 -2.51	26.20 0.54 -3.03	26.61 0.35 -4.54	26.91 0.43 -4.05	24.15 0.32 -4.03	23.82 0.58 -3.16	23.18 0.34 -2.93	28.90 -0.20 -0.38	28.20 -0.75 -0.11	26.48 -0.40 -0.04
RAVENSWOOD_GT2_1 24244	28.18 1.59 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.60 1.24 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.96 1.77 -20.76	41.93 1.47 -20.66	39.87 1.32 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.08 1.61 -0.62	28.78 1.69 -0.25
RAVENSWOOD_GT2_2 24245	28.18 1.59 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.60 1.24 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	39.98 1.82 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.96 1.77 -20.76	41.93 1.47 -20.66	39.87 1.32 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.08 1.61 -0.62	28.78 1.69 -0.25
RAVENSWOOD_GT2_3 24246	28.21 1.61 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.63 1.26 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.55	40.14 2.04 -5.16	38.86 1.93 -4.17	37.47 1.99 -2.94	39.48 1.97 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.83 1.70 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	41.95 1.49 -20.66	39.89 1.35 -18.47	38.41 1.35 -17.15	32.74 1.81 -2.21	31.10 1.64 -0.62	28.81 1.72 -0.25
RAVENSWOOD_GT2_4 24247	28.21 1.61 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.63 1.26 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.55	40.14 2.04 -5.16	38.86 1.93 -4.17	37.47 1.99 -2.94	39.48 1.97 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.83 1.70 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	41.95 1.49 -20.66	39.89 1.35 -18.47	38.41 1.35 -17.15	32.74 1.81 -2.21	31.10 1.64 -0.62	28.81 1.72 -0.25
RAVENSWOOD_GT3_1 24248	28.18 1.59 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.60 1.24 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.96 1.77 -20.76	41.93 1.47 -20.66	39.89 1.35 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.10 1.64 -0.62	28.78 1.69 -0.25
RAVENSWOOD_GT3_2 24249	28.18 1.59 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.60 1.24 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.96 1.77 -20.76	41.93 1.47 -20.66	39.89 1.35 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.10 1.64 -0.62	28.78 1.69 -0.25
RAVENSWOOD_GT3_3 24250	28.23 1.64 -0.56	27.09 1.51 0.03	27.63 1.45 -0.19	26.68 1.31 -1.06	27.54 1.40 -0.16	26.56 1.39 0.02	28.95 1.68 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.56	40.17 2.07 -5.16	38.93 2.00 -4.17	37.47 1.99 -2.94	39.58 2.06 -5.83	42.35 2.27 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.72 1.78 -23.22	45.07 1.88 -20.76	41.97 1.51 -20.66	39.99 1.45 -18.47	38.49 1.43 -17.15	32.86 1.92 -2.21	31.28 1.82 -0.62	28.92 1.82 -0.25
RAVENSWOOD_GT3_4 24251	28.23 1.64 -0.56	27.06 1.48 0.03	27.63 1.45 -0.19	26.63 1.26 -1.06	27.54 1.40 -0.16	26.51 1.33 0.02	28.95 1.68 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.55	40.17 2.08 -5.16	38.89 1.97 -4.17	37.50 2.02 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.85 1.72 -15.50	46.68 1.74 -23.22	45.01 1.82 -20.76	41.97 1.50 -20.66	39.91 1.37 -18.47	38.43 1.37 -17.15	32.77 1.84 -2.21	31.13 1.67 -0.62	28.83 1.74 -0.25
RAVENSWOOD_GT_1 23729	28.35 1.74 -0.57	27.17 1.59 0.03	27.71 1.53 -0.19	26.70 1.34 -1.06	27.62 1.48 -0.16	26.58 1.41 0.02	29.03 1.76 -0.99	33.47 1.81 -1.46	36.93 1.86 -4.55	40.14 2.04 -5.16	38.83 1.90 -4.17	37.54 2.05 -2.94	39.51 2.00 -5.83	42.32 2.24 -6.64	40.03 1.87 -12.84	39.90 1.77 -15.50	46.70 1.76 -23.22	45.03 1.84 -20.76	42.03 1.56 -20.66	39.91 1.37 -18.47	38.45 1.39 -17.15	32.83 1.90 -2.21	31.22 1.76 -0.62	28.93 1.83 -0.26
RAVENSWOOD_GT_10 24258	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.44 1.78 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.86 1.93 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.68 1.74 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
RAVENSWOOD_GT_11 24259	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.60 1.24 -1.06	27.49 1.35 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.96 1.77 -20.76	41.93 1.47 -20.66	39.89 1.35 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.08 1.61 -0.62	28.78 1.69 -0.25
RAVENSWOOD_GT_4 24252	28.18 1.59 -0.55	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.90 1.97 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.66 1.72 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25

RAVENSWOOD_GT_5 24254	28.18 1.59 -0.55	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.90 1.97 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.66 1.72 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
RAVENSWOOD_GT_6 24253	28.18 1.59 -0.55	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.90 1.97 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.66 1.72 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
RAVENSWOOD_GT_7 24255	28.18 1.59 -0.55	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.90 1.97 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.66 1.72 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.44 1.78 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.86 1.93 -4.17	37.44 1.95 -2.94	39.51 2.00 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.88 1.74 -15.51	46.68 1.74 -23.22	45.03 1.84 -20.76	41.93 1.47 -20.66	39.95 1.41 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
RAVENSWOOD_GT_9 24257	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.60 1.24 -1.06	27.49 1.35 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.96 1.77 -20.76	41.93 1.47 -20.66	39.89 1.35 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.08 1.61 -0.62	28.78 1.69 -0.25
RAVENSWOOD___1 23533	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.58 1.41 0.02	29.00 1.73 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.79 1.87 -4.17	37.50 2.02 -2.94	39.48 1.97 -5.83	42.32 2.24 -6.64	40.03 1.87 -12.84	39.87 1.74 -15.50	46.68 1.74 -23.22	45.03 1.84 -20.76	42.01 1.55 -20.66	39.89 1.35 -18.47	38.43 1.37 -17.15	32.83 1.90 -2.21	31.22 1.76 -0.62	28.93 1.83 -0.26
RAVENSWOOD___2 23534	28.32 1.72 -0.57	27.14 1.56 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.59 1.45 -0.16	26.56 1.38 0.02	29.00 1.73 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.79 1.87 -4.17	37.50 2.02 -2.94	39.48 1.97 -5.83	42.29 2.21 -6.64	40.03 1.87 -12.84	39.87 1.74 -15.50	46.68 1.74 -23.22	45.01 1.82 -20.76	42.01 1.55 -20.66	39.89 1.35 -18.47	38.43 1.37 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
RAVENSWOOD___3 23535	28.21 1.61 -0.56	27.04 1.46 0.03	27.60 1.43 -0.19	26.60 1.24 -1.06	27.52 1.38 -0.16	26.48 1.31 0.02	28.90 1.63 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.83 1.90 -4.17	37.44 1.95 -2.94	39.45 1.93 -5.83	42.25 2.17 -6.64	40.00 1.85 -12.84	39.81 1.67 -15.50	46.64 1.70 -23.22	44.99 1.80 -20.76	41.93 1.47 -20.66	39.89 1.35 -18.47	38.39 1.33 -17.15	32.71 1.78 -2.21	31.10 1.64 -0.62	28.78 1.69 -0.25
RAVENSWOOD___4 23820	28.29 1.69 -0.56	27.11 1.54 0.03	27.68 1.51 -0.19	26.68 1.31 -1.06	27.57 1.43 -0.16	26.56 1.38 0.02	28.97 1.71 -0.99	33.43 1.78 -1.46	36.90 1.83 -4.55	40.11 2.01 -5.16	38.79 1.87 -4.17	37.50 2.02 -2.94	39.48 1.97 -5.83	42.29 2.21 -6.64	40.00 1.85 -12.84	39.87 1.74 -15.50	46.68 1.74 -23.22	45.01 1.82 -20.76	42.01 1.55 -20.66	39.89 1.35 -18.47	38.43 1.37 -17.15	32.80 1.87 -2.21	31.19 1.73 -0.62	28.90 1.80 -0.26
RCPL_TRUST___DRP 24196	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.55	40.17 2.07 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.58 2.06 -5.83	42.35 2.27 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.72 1.78 -23.22	45.07 1.88 -20.76	41.95 1.49 -20.66	39.97 1.43 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
RED___ROCHESTER 323720	26.35 0.29 -0.02	25.23 -0.05 0.32	25.39 -0.23 0.36	23.68 -0.39 0.23	24.90 -0.36 0.71	24.86 -0.10 0.24	25.96 0.00 0.32	29.34 0.03 0.88	30.47 0.15 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.45 0.33 0.42	31.50 0.06 0.25	33.23 0.10 0.31	27.75 0.56 -1.88	25.44 0.54 -2.27	25.59 0.46 -3.41	26.08 0.61 -3.04	23.33 0.50 -3.03	22.96 0.66 -2.22	22.51 0.54 -2.06	29.25 0.26 -0.27	28.71 -0.20 -0.07	26.81 -0.05 -0.03
REGAN___SOLAR 323812	30.41 2.84 -1.54	28.21 2.64 0.03	29.27 2.70 -0.59	29.80 2.53 -2.96	29.28 2.75 -0.55	27.84 2.67 0.02	31.93 2.81 -2.84	37.80 3.35 -4.26	46.55 3.20 -12.83	51.56 4.02 -14.61	48.93 4.36 -11.81	45.08 4.20 -8.33	52.19 4.09 -16.42	56.16 4.01 -18.71	64.21 3.11 -35.78	68.55 2.71 -43.20	89.25 2.82 -64.70	81.75 2.47 -56.85	78.69 2.30 -56.59	73.28 2.45 -50.76	69.47 2.43 -47.13	38.03 3.24 -6.07	33.66 3.12 -1.71	30.25 2.71 -0.70
RENSSELAER___COGEN 23796	28.08 0.91 -1.13	26.53 0.92 0.00	27.40 0.96 -0.46	27.41 0.90 -2.21	27.40 0.96 -0.46	26.03 0.83 0.00	29.22 0.89 -2.05	28.73 0.99 2.46	30.55 1.01 0.97	29.97 1.09 4.04	28.79 1.08 5.05	29.09 1.07 4.52	28.58 1.04 4.15	28.96 1.10 5.58	34.14 0.94 -7.89	27.88 0.86 -4.39	45.83 0.78 -23.33	64.97 0.81 -41.73	62.04 0.69 -41.54	58.00 0.68 -37.24	55.15 0.66 -34.58	34.12 0.95 -4.45	31.10 1.01 -1.25	28.34 0.99 -0.51
REPUBLIC_115KV_BARTNBRK 55605	31.40 3.72 -1.65	29.01 3.41 0.00	30.06 3.40 -0.67	30.64 3.14 -3.20	30.06 3.40 -0.67	28.52 3.33 0.00	32.77 3.36 -3.13	43.05 4.05 -8.81	56.13 4.18 -21.43	64.18 4.61 -26.64	60.23 4.62 -22.85	54.12 4.75 -16.82	65.68 4.44 -29.56	72.30 4.55 -34.32	80.39 3.47 -51.61	91.64 2.94 -66.07	111.34 2.93 -86.68	85.90 2.87 -60.60	82.84 2.71 -60.32	77.13 2.93 -54.12	73.13 2.97 -50.26	39.27 4.08 -6.47	34.35 3.69 -1.82	30.83 3.25 -0.75
REVERE_CPPR_DRP 24186	26.70 0.68 0.02	26.06 0.54 0.09	26.40 0.52 0.10	24.74 0.53 0.10	26.43 0.65 0.20	25.84 0.71 0.06	27.10 0.95 0.12	31.28 1.39 0.29	31.47 1.19 0.23	34.10 1.55 0.38	33.97 1.54 0.33	33.81 1.50 0.23	32.82 1.43 0.30	34.53 1.44 0.35	26.53 1.22 0.00	23.71 1.09 0.00	22.79 1.06 0.00	23.51 1.08 0.00	20.78 0.97 0.00	21.12 1.04 0.00	21.02 1.11 0.00	30.10 1.38 0.00	30.02 1.18 0.00	27.80 0.97 0.00

REYNOLDS_115KV_TB3 80639	28.38 1.15 -1.20	26.74 1.13 0.00	27.64 1.17 -0.49	27.73 1.09 -2.33	27.61 1.14 -0.49	26.23 1.03 0.00	29.53 1.10 -2.15	27.44 1.21 3.96	28.24 1.25 3.53	26.44 1.35 7.85	25.45 1.34 8.66	26.49 1.30 7.35	24.66 1.27 8.30	24.25 1.37 10.55	30.40 1.14 -3.94	21.74 1.02 1.90	41.56 0.96 -18.88	67.50 1.01 -44.06	64.51 0.85 -43.85	60.24 0.84 -39.32	57.25 0.84 -36.51	34.63 1.21 -4.70	31.40 1.24 -1.32	28.61 1.23 -0.54
RIVERBAY____ 323610	28.63 2.03 -0.57	27.46 1.87 0.02	28.00 1.82 -0.20	27.03 1.65 -1.07	27.89 1.74 -0.17	26.89 1.71 0.02	29.24 1.97 -0.99	33.56 1.90 -1.46	36.99 1.92 -4.56	40.34 2.24 -5.16	39.22 2.29 -4.17	37.83 2.34 -2.94	40.02 2.50 -5.83	42.92 2.84 -6.64	40.59 2.43 -12.84	40.37 2.24 -15.51	47.20 2.26 -23.22	45.41 2.22 -20.76	42.27 1.80 -20.66	40.25 1.71 -18.47	38.75 1.69 -17.15	33.29 2.36 -2.21	31.78 2.31 -0.63	29.38 2.28 -0.26
RIVERSDE_115KV_TB3 55908	28.31 1.07 -1.21	26.68 1.08 0.00	27.57 1.09 -0.49	27.68 1.02 -2.36	27.57 1.09 -0.49	26.15 0.96 0.00	29.49 1.02 -2.19	28.65 1.15 2.69	30.53 1.16 1.14	29.73 1.28 4.49	28.48 1.28 5.56	28.83 1.24 4.95	28.28 1.20 4.61	28.57 1.30 6.17	34.65 1.09 -8.25	28.01 0.97 -4.41	47.33 0.91 -24.69	67.98 0.94 -44.60	65.00 0.79 -44.40	60.67 0.78 -39.81	57.65 0.78 -36.97	34.57 1.09 -4.76	31.33 1.15 -1.34	28.54 1.15 -0.55
ROARING____BROOK_WT_PWR 323790	25.07 -0.96 0.00	24.74 -0.87 0.00	25.10 -0.88 0.00	23.58 -0.73 0.00	25.28 -0.70 0.00	24.62 -0.58 0.00	25.59 -0.68 0.00	29.47 -0.72 0.00	29.84 -0.67 0.00	32.24 -0.69 0.00	32.11 -0.65 0.00	31.96 -0.58 0.00	31.15 -0.54 0.00	32.87 -0.57 0.00	24.68 -0.63 0.00	22.02 -0.61 0.00	21.16 -0.57 0.00	21.81 -0.63 0.00	19.25 -0.55 0.00	19.48 -0.60 0.00	19.31 -0.60 0.00	28.06 -0.66 0.00	28.29 -0.55 0.00	26.25 -0.59 0.00
ROCHESRG_115KV_T4 355643	25.98 -0.08 -0.02	24.87 -0.41 0.33	25.04 -0.57 0.37	23.39 -0.68 0.24	24.56 -0.70 0.72	24.53 -0.43 0.24	25.58 -0.37 0.32	28.90 -0.39 0.89	30.08 -0.21 0.21	31.96 -0.30 0.68	31.97 -0.16 0.63	32.01 -0.10 0.44	31.19 -0.22 0.28	32.74 -0.37 0.33	27.36 0.18 -1.87	25.15 0.27 -2.25	25.24 0.13 -3.38	25.70 0.25 -3.02	23.03 0.22 -3.00	22.66 0.38 -2.20	22.21 0.26 -2.04	28.87 -0.11 -0.26	28.34 -0.58 -0.07	26.49 -0.38 -0.03
ROCHESTER_9_IC 23652	26.16 0.10 -0.02	25.03 -0.26 0.32	25.20 -0.42 0.36	23.51 -0.56 0.23	24.72 -0.55 0.71	24.68 -0.28 0.24	25.77 -0.18 0.32	29.10 -0.21 0.88	30.31 0.00 0.20	32.21 -0.07 0.65	32.25 0.10 0.61	32.28 0.16 0.42	31.43 0.00 0.26	32.99 -0.13 0.31	27.57 0.38 -1.88	25.35 0.45 -2.27	25.44 0.30 -3.41	25.90 0.43 -3.04	23.21 0.38 -3.03	22.84 0.54 -2.22	22.39 0.42 -2.06	29.07 0.09 -0.27	28.54 -0.37 -0.07	26.65 -0.21 -0.03
ROCKVIEW_13_KV_LD 356306	28.23 1.64 -0.56	27.11 1.54 0.03	27.65 1.48 -0.19	26.70 1.34 -1.06	27.59 1.45 -0.16	26.58 1.41 0.02	29.00 1.73 -0.99	33.56 1.90 -1.46	37.02 1.95 -4.56	40.24 2.14 -5.16	39.06 2.13 -4.17	37.60 2.12 -2.94	39.64 2.12 -5.83	42.39 2.31 -6.64	40.16 2.00 -12.84	39.99 1.86 -15.51	46.77 1.83 -23.22	45.12 1.93 -20.76	42.03 1.56 -20.66	40.07 1.53 -18.47	38.55 1.49 -17.15	32.94 2.01 -2.21	31.34 1.87 -0.62	28.94 1.85 -0.25
ROME____115KV_TB2 80656	26.70 0.68 0.02	26.06 0.54 0.09	26.40 0.52 0.10	24.74 0.53 0.10	26.43 0.65 0.20	25.84 0.71 0.06	27.10 0.95 0.12	31.28 1.39 0.29	31.47 1.19 0.23	34.10 1.55 0.38	33.97 1.54 0.33	33.81 1.50 0.23	32.82 1.43 0.30	34.53 1.44 0.35	26.53 1.22 0.00	23.71 1.09 0.00	22.79 1.06 0.00	23.51 1.08 0.00	20.78 0.97 0.00	21.12 1.04 0.00	21.02 1.11 0.00	30.10 1.38 0.00	30.02 1.18 0.00	27.80 0.97 0.00
ROSETON____1 23587	27.89 1.30 -0.56	26.78 1.20 0.03	27.39 1.22 -0.19	26.45 1.09 -1.05	27.33 1.20 -0.16	26.26 1.08 0.02	28.60 1.34 -0.99	33.10 1.45 -1.46	36.54 1.49 -4.53	39.72 1.65 -5.13	38.48 1.57 -4.14	37.06 1.59 -2.92	39.04 1.55 -5.80	41.75 1.70 -6.61	39.56 1.47 -12.77	39.39 1.33 -15.42	46.13 1.30 -23.10	44.48 1.39 -20.66	41.53 1.17 -20.56	39.56 1.10 -18.38	38.07 1.09 -17.07	32.36 1.44 -2.20	30.81 1.36 -0.62	28.48 1.39 -0.25
ROSETON____2 23588	27.89 1.30 -0.56	26.78 1.20 0.03	27.39 1.22 -0.19	26.45 1.09 -1.05	27.33 1.20 -0.16	26.26 1.08 0.02	28.60 1.34 -0.99	33.10 1.45 -1.46	36.54 1.49 -4.53	39.72 1.65 -5.13	38.48 1.57 -4.14	37.06 1.59 -2.92	39.04 1.55 -5.80	41.75 1.70 -6.61	39.56 1.47 -12.77	39.39 1.33 -15.42	46.13 1.30 -23.10	44.48 1.39 -20.66	41.53 1.17 -20.56	39.56 1.10 -18.38	38.07 1.09 -17.07	32.36 1.44 -2.20	30.81 1.36 -0.62	28.48 1.39 -0.25
ROTTSDAM_115KV_TB3 80664	29.00 1.22 -1.74	26.79 1.18 0.00	27.91 1.22 -0.71	28.83 1.14 -3.38	27.91 1.22 -0.71	26.28 1.08 0.00	30.77 1.23 -3.26	36.90 1.39 -5.32	47.19 1.40 -15.28	52.14 1.55 -17.66	48.71 1.54 -14.41	44.31 1.53 -10.23	52.93 1.49 -19.76	57.59 1.57 -22.58	68.13 1.27 -41.55	74.32 1.15 -50.53	97.32 1.11 -74.49	87.57 1.12 -64.02	84.52 0.99 -63.72	78.28 1.02 -57.18	74.00 1.00 -53.10	36.94 1.38 -6.84	32.09 1.33 -1.93	28.91 1.29 -0.79
RUSSELL____1 23602	26.32 0.26 -0.02	25.16 -0.13 0.32	25.33 -0.29 0.36	23.64 -0.44 0.23	24.85 -0.42 0.71	24.81 -0.15 0.24	25.91 -0.05 0.32	29.28 -0.03 0.88	30.50 0.18 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.48 0.36 0.42	31.62 0.19 0.26	33.19 0.07 0.31	27.75 0.56 -1.88	25.49 0.59 -2.27	25.59 0.46 -3.41	26.06 0.58 -3.04	23.35 0.51 -3.03	22.98 0.68 -2.22	22.51 0.54 -2.06	29.28 0.29 -0.27	28.71 -0.20 -0.07	26.79 -0.08 -0.03
RUSSELL____2 23532	26.32 0.26 -0.02	25.16 -0.13 0.32	25.33 -0.29 0.36	23.64 -0.44 0.23	24.85 -0.42 0.71	24.81 -0.15 0.24	25.91 -0.05 0.32	29.28 -0.03 0.88	30.50 0.18 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.48 0.36 0.42	31.62 0.19 0.26	33.19 0.07 0.31	27.75 0.56 -1.88	25.49 0.59 -2.27	25.59 0.46 -3.41	26.06 0.58 -3.04	23.35 0.51 -3.03	22.98 0.68 -2.22	22.51 0.54 -2.06	29.28 0.29 -0.27	28.71 -0.20 -0.07	26.79 -0.08 -0.03
RUSSELL____3 23549	26.32 0.26 -0.02	25.16 -0.13 0.32	25.33 -0.29 0.36	23.64 -0.44 0.23	24.85 -0.42 0.71	24.81 -0.15 0.24	25.91 -0.05 0.32	29.28 -0.03 0.88	30.50 0.18 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.48 0.36 0.42	31.62 0.19 0.26	33.19 0.07 0.31	27.75 0.56 -1.88	25.49 0.59 -2.27	25.59 0.46 -3.41	26.06 0.58 -3.04	23.35 0.51 -3.03	22.98 0.68 -2.22	22.51 0.54 -2.06	29.28 0.29 -0.27	28.71 -0.20 -0.07	26.79 -0.08 -0.03
RUSSELL____4 23556	26.32 0.26 -0.02	25.16 -0.13 0.32	25.33 -0.29 0.36	23.64 -0.44 0.23	24.85 -0.42 0.71	24.81 -0.15 0.24	25.91 -0.05 0.32	29.28 -0.03 0.88	30.50 0.18 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.48 0.36 0.42	31.62 0.19 0.26	33.19 0.07 0.31	27.75 0.56 -1.88	25.49 0.59 -2.27	25.59 0.46 -3.41	26.06 0.58 -3.04	23.35 0.51 -3.03	22.98 0.68 -2.22	22.51 0.54 -2.06	29.28 0.29 -0.27	28.71 -0.20 -0.07	26.79 -0.08 -0.03

RUSSELL___STATION 23914	26.32 0.26 -0.02	25.16 -0.13 0.32	25.33 -0.29 0.36	23.64 -0.44 0.23	24.85 -0.42 0.71	24.81 -0.15 0.24	25.91 -0.05 0.32	29.28 -0.03 0.88	30.50 0.18 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.48 0.36 0.42	31.62 0.19 0.26	33.19 0.07 0.31	27.75 0.56 -1.88	25.49 0.59 -2.27	25.59 0.46 -3.41	26.06 0.58 -3.04	23.35 0.51 -3.03	22.98 0.68 -2.22	22.51 0.54 -2.06	29.28 0.29 -0.27	28.71 -0.20 -0.07	26.79 -0.08 -0.03
S SALMON___HYD 24043	25.82 -0.26 -0.05	25.25 -0.36 0.00	25.58 -0.42 -0.02	24.04 -0.36 -0.09	25.66 -0.34 -0.02	24.97 -0.23 0.00	26.23 -0.13 -0.09	30.26 -0.06 -0.13	30.73 -0.18 -0.40	33.26 -0.13 -0.45	33.00 -0.13 -0.37	32.70 -0.10 -0.26	32.04 -0.16 -0.51	33.82 -0.20 -0.58	26.36 -0.05 -1.10	23.93 -0.02 -1.32	23.64 -0.06 -1.98	24.16 -0.04 -1.77	21.59 0.02 -1.76	20.24 0.16 0.00	20.11 0.20 0.00	28.87 0.14 0.00	28.81 -0.03 0.00	26.76 -0.08 0.00
S.PERRY___115KV_TB1 80734	26.20 0.10 -0.07	24.99 -0.36 0.26	25.19 -0.52 0.28	23.57 -0.63 0.10	24.80 -0.62 0.56	24.78 -0.23 0.19	26.02 -0.08 0.17	29.51 -0.09 0.59	30.64 -0.09 -0.22	32.21 -0.63 0.10	32.03 -0.59 0.15	31.89 -0.55 0.10	31.14 -0.82 -0.28	32.67 -1.07 -0.30	27.72 -0.18 -2.58	26.54 0.79 -3.12	27.10 0.70 -4.68	27.49 0.87 -4.18	24.90 0.93 -4.16	24.67 1.31 -3.29	24.17 1.21 -3.05	30.32 1.21 -0.39	29.56 0.61 -0.11	27.53 0.64 -0.05
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.80 -0.29 -0.05	24.45 -0.87 0.29	24.60 -1.07 0.31	22.97 -1.19 0.15	24.16 -1.20 0.63	24.15 -0.83 0.21	25.21 -0.84 0.22	28.56 -0.94 0.70	29.89 -0.70 -0.08	31.79 -0.86 0.29	31.74 -0.72 0.30	31.65 -0.68 0.21	31.03 -0.76 -0.11	32.54 -1.00 -0.10	27.90 0.18 -2.41	25.83 0.29 -2.91	26.15 0.07 -4.36	26.48 0.16 -3.89	23.80 0.12 -3.87	23.47 0.38 -3.01	22.87 0.16 -2.80	28.59 -0.49 -0.36	27.93 -1.01 -0.10	26.26 -0.62 -0.04
SAWYER___23_KV_LOAD 55526	25.80 -0.29 -0.05	24.45 -0.87 0.29	24.60 -1.07 0.31	22.97 -1.19 0.15	24.16 -1.20 0.63	24.15 -0.83 0.21	25.21 -0.84 0.22	28.56 -0.94 0.70	29.89 -0.70 -0.08	31.79 -0.86 0.29	31.74 -0.72 0.30	31.65 -0.68 0.21	31.03 -0.76 -0.11	32.54 -1.00 -0.10	27.90 0.18 -2.41	25.83 0.29 -2.91	26.15 0.07 -4.36	26.48 0.16 -3.89	23.80 0.12 -3.87	23.47 0.38 -3.01	22.87 0.16 -2.80	28.59 -0.49 -0.36	27.93 -1.01 -0.10	26.26 -0.62 -0.04
SELKIRK___I 23801	28.18 1.17 -0.97	26.76 1.15 0.00	27.60 1.22 -0.40	27.34 1.14 -1.90	27.60 1.22 -0.40	26.25 1.06 0.00	29.18 1.13 -1.77	30.89 1.27 0.57	33.79 1.28 -2.00	34.88 1.38 -0.56	33.54 1.38 0.59	32.90 1.33 0.98	33.83 1.30 -0.85	35.28 1.37 -0.47	38.14 1.11 -11.71	34.78 1.02 -11.14	49.14 0.93 -26.48	59.25 0.96 -35.85	56.32 0.83 -35.68	52.90 0.84 -31.98	50.44 0.84 -29.69	33.72 1.18 -3.82	31.13 1.21 -1.08	28.49 1.21 -0.44
SELKIRK___II 23799	28.01 0.96 -1.01	26.56 0.95 0.00	27.41 1.01 -0.41	27.20 0.92 -1.97	27.38 0.99 -0.41	26.05 0.86 0.00	29.06 0.94 -1.84	30.35 1.06 0.89	33.11 1.07 -1.53	33.92 1.18 0.20	32.56 1.15 1.35	32.10 1.14 1.58	32.82 1.11 -0.03	34.08 1.17 0.53	37.51 0.96 -11.23	33.67 0.88 -10.16	48.86 0.83 -26.31	60.59 0.85 -37.30	57.67 0.73 -37.13	54.08 0.72 -33.28	51.52 0.72 -30.90	33.68 0.98 -3.98	31.00 1.04 -1.12	28.34 1.05 -0.46
SENECA OSWGO___HYD 24041	25.55 -0.55 -0.06	25.01 -0.64 -0.04	25.38 -0.68 -0.07	23.83 -0.63 -0.16	25.43 -0.68 -0.12	24.67 -0.55 -0.03	25.94 -0.50 -0.16	29.94 -0.54 -0.30	30.53 -0.55 -0.56	33.07 -0.56 -0.70	32.81 -0.53 -0.58	32.46 -0.49 -0.41	31.87 -0.54 -0.72	33.69 -0.57 -0.82	26.33 -0.23 -1.24	24.01 -0.11 -1.50	23.88 -0.09 -2.24	24.30 -0.13 -2.00	21.72 -0.08 -1.99	20.10 0.02 0.00	19.91 0.00 0.00	28.49 -0.23 0.00	28.41 -0.43 0.00	26.43 -0.40 0.00
SENECA___115KV_TB3 355854	25.94 -0.16 -0.06	24.53 -0.79 0.28	24.70 -0.99 0.30	23.04 -1.14 0.13	24.23 -1.14 0.60	24.23 -0.76 0.20	25.36 -0.71 0.20	28.78 -0.75 0.66	30.14 -0.52 -0.14	32.10 -0.63 0.21	32.03 -0.49 0.24	31.89 -0.49 0.16	31.36 -0.51 -0.18	32.86 -0.77 -0.19	28.35 0.53 -2.51	26.24 0.59 -3.03	26.65 0.39 -4.54	26.95 0.47 -4.05	24.19 0.36 -4.03	23.86 0.62 -3.16	23.20 0.36 -2.93	28.93 -0.17 -0.38	28.22 -0.72 -0.11	26.50 -0.38 -0.04
SENECA___ENERGY 23797	25.88 -0.21 -0.06	25.03 -0.44 0.15	25.32 -0.52 0.15	23.76 -0.53 0.01	25.15 -0.52 0.31	24.79 -0.30 0.11	26.09 -0.13 0.06	29.83 -0.09 0.27	30.70 -0.12 -0.31	33.06 -0.03 -0.16	32.88 0.03 -0.09	32.64 0.03 -0.07	32.05 -0.03 -0.39	33.78 -0.10 -0.44	27.64 0.35 -1.97	25.36 0.36 -2.37	25.65 0.37 -3.56	25.99 0.38 -3.17	23.32 0.36 -3.16	22.92 0.46 -2.38	22.54 0.42 -2.21	29.21 0.20 -0.28	28.78 -0.14 -0.08	26.76 -0.11 -0.03
SHOEMAKER___GT 23640	27.74 1.20 -0.51	26.70 1.13 0.03	27.27 1.12 -0.17	26.27 1.00 -0.96	27.18 1.07 -0.14	26.18 1.01 0.02	28.41 1.24 -0.90	32.84 1.33 -1.32	36.03 1.37 -4.15	39.11 1.48 -4.69	37.93 1.38 -3.79	36.58 1.37 -2.67	38.32 1.33 -5.31	40.95 1.47 -6.05	38.30 1.27 -11.72	37.93 1.15 -14.15	44.07 1.15 -21.19	42.63 1.26 -18.95	39.73 1.07 -18.86	37.95 1.02 -16.85	36.57 1.01 -15.65	32.06 1.32 -2.01	30.65 1.24 -0.57	28.33 1.26 -0.23
SHOEMAKR_138KV_BK 111 55601	27.71 1.17 -0.51	26.65 1.08 0.03	27.22 1.07 -0.17	26.23 0.97 -0.96	27.16 1.04 -0.14	26.16 0.98 0.02	28.38 1.21 -0.89	32.80 1.30 -1.31	35.97 1.34 -4.12	39.05 1.45 -4.66	37.90 1.38 -3.76	36.57 1.37 -2.66	38.32 1.36 -5.27	40.92 1.47 -6.01	38.25 1.29 -11.64	37.91 1.22 -14.06	43.95 1.17 -21.05	42.53 1.28 -18.82	39.61 1.07 -18.73	37.86 1.04 -16.74	36.49 1.04 -15.54	32.10 1.38 -2.00	30.67 1.27 -0.56	28.36 1.29 -0.23
SHOREHAM_IC_1 23715	44.60 2.94 -15.63	36.79 2.66 -8.52	33.57 2.68 -4.91	31.65 2.41 -4.94	31.85 2.62 -3.24	27.21 2.04 0.02	29.68 2.42 -0.99	34.43 2.78 -1.46	38.06 2.99 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.86 2.69 -58.73	86.35 2.32 -64.23	52.87 2.31 -30.48	51.43 2.41 -29.11	51.56 3.30 -19.54	39.39 3.37 -7.18	39.11 3.27 -9.01
SHOREHAM_IC_2 23716	44.60 2.94 -15.63	36.79 2.66 -8.52	33.57 2.68 -4.91	31.65 2.41 -4.94	31.85 2.62 -3.24	27.21 2.04 0.02	29.68 2.42 -0.99	34.43 2.78 -1.46	38.06 2.99 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.86 2.69 -58.73	86.35 2.32 -64.23	52.87 2.31 -30.48	51.43 2.41 -29.11	51.56 3.30 -19.54	39.39 3.37 -7.18	39.11 3.27 -9.01
SISSONVILLE___ 23735	26.09 0.05 0.00	25.74 0.13 0.00	26.06 0.08 0.00	24.43 0.12 0.00	26.19 0.21 0.00	25.45 0.25 0.00	26.38 0.11 0.00	30.31 0.12 0.00	30.45 -0.06 0.00	32.90 -0.03 0.00	32.70 -0.07 0.00	32.48 -0.07 0.00	31.62 -0.06 0.00	33.17 -0.27 0.00	24.61 -0.71 0.00	21.63 -1.00 0.00	20.77 -0.96 0.00	21.11 -1.32 0.00	18.70 -1.11 0.00	18.91 -1.16 0.00	18.97 -0.94 0.00	28.41 -0.32 0.00	29.04 0.20 0.00	26.89 0.05 0.00

SITHE_IND_GS1 24169	24.90 -0.86 0.27	23.19 -0.92 1.50	23.19 -0.96 1.83	21.56 -0.92 1.82	21.56 -0.96 3.46	23.22 -0.88 1.09	23.24 -0.87 2.17	24.09 -0.97 5.13	25.47 -0.98 4.06	25.29 -1.02 6.62	26.02 -1.02 5.73	27.56 -0.98 4.01	25.50 -0.98 5.20	26.34 -1.07 6.03	24.71 -0.61 0.00	22.15 -0.48 0.00	21.27 -0.46 0.00	21.94 -0.49 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.06 -0.78 0.00
SITHE_IND_GS2 24170	24.90 -0.86 0.27	23.19 -0.92 1.50	23.19 -0.96 1.83	21.56 -0.92 1.82	21.56 -0.96 3.46	23.22 -0.88 1.09	23.24 -0.87 2.17	24.09 -0.97 5.13	25.47 -0.98 4.06	25.29 -1.02 6.62	26.02 -1.02 5.73	27.56 -0.98 4.01	25.50 -0.98 5.20	26.34 -1.07 6.03	24.71 -0.61 0.00	22.15 -0.48 0.00	21.27 -0.46 0.00	21.94 -0.49 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.06 -0.78 0.00
SITHE_IND_GS3 24171	24.90 -0.86 0.27	23.19 -0.92 1.50	23.19 -0.96 1.83	21.56 -0.92 1.82	21.56 -0.96 3.46	23.22 -0.88 1.09	23.24 -0.87 2.17	24.09 -0.97 5.13	25.47 -0.98 4.06	25.29 -1.02 6.62	26.02 -1.02 5.73	27.56 -0.98 4.01	25.50 -0.98 5.20	26.34 -1.07 6.03	24.71 -0.61 0.00	22.15 -0.48 0.00	21.27 -0.46 0.00	21.94 -0.49 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.06 -0.78 0.00
SITHE_IND_GS4 24172	24.90 -0.86 0.27	23.19 -0.92 1.50	23.19 -0.96 1.83	21.56 -0.92 1.82	21.56 -0.96 3.46	23.22 -0.88 1.09	23.24 -0.87 2.17	24.09 -0.97 5.13	25.47 -0.98 4.06	25.29 -1.02 6.62	26.02 -1.02 5.73	27.56 -0.98 4.01	25.50 -0.98 5.20	26.34 -1.07 6.03	24.71 -0.61 0.00	22.15 -0.48 0.00	21.27 -0.46 0.00	21.94 -0.49 0.00	19.41 -0.40 0.00	19.74 -0.34 0.00	19.55 -0.36 0.00	28.03 -0.69 0.00	28.00 -0.84 0.00	26.06 -0.78 0.00
SITHE___BATAVIA 24024	26.46 0.39 -0.04	25.18 -0.13 0.30	25.31 -0.34 0.33	23.56 -0.56 0.19	24.80 -0.52 0.67	24.82 -0.15 0.22	25.93 -0.08 0.27	29.35 -0.06 0.78	30.49 0.03 0.05	32.44 -0.03 0.46	32.48 0.16 0.45	32.36 0.13 0.31	31.59 -0.03 0.07	33.18 -0.17 0.10	28.15 0.68 -2.15	25.86 0.63 -2.60	26.13 0.52 -3.89	26.56 0.65 -3.47	23.77 0.51 -3.45	23.46 0.76 -2.62	22.92 0.58 -2.43	29.24 0.20 -0.31	28.58 -0.34 -0.09	26.77 -0.11 -0.04
SITHE___INDEPEND 23800	24.90 -0.86 0.27	23.16 -0.95 1.50	23.19 -0.96 1.83	21.56 -0.92 1.82	21.53 -0.99 3.46	23.22 -0.88 1.09	23.24 -0.87 2.17	24.06 -1.00 5.13	25.47 -0.98 4.06	25.29 -1.02 6.62	26.02 -1.02 5.73	27.56 -0.98 4.01	25.50 -0.98 5.20	26.37 -1.04 6.03	24.68 -0.63 0.00	22.13 -0.50 0.00	21.25 -0.48 0.00	21.92 -0.52 0.00	19.39 -0.42 0.00	19.72 -0.36 0.00	19.53 -0.38 0.00	27.95 -0.78 0.00	27.92 -0.92 0.00	26.00 -0.83 0.00
SITHE___MASSENA 23902	26.01 -0.03 0.00	25.69 0.08 0.00	26.01 0.03 0.00	24.38 0.07 0.00	26.06 0.08 0.00	25.30 0.10 0.00	26.20 -0.08 0.00	29.98 -0.21 0.00	30.30 -0.21 0.00	32.71 -0.23 0.00	32.53 -0.23 0.00	32.28 -0.26 0.00	31.50 -0.19 0.00	33.17 -0.27 0.00	24.78 -0.53 0.00	21.90 -0.73 0.00	21.05 -0.67 0.00	21.47 -0.96 0.00	18.99 -0.81 0.00	19.21 -0.86 0.00	19.11 -0.80 0.00	28.35 -0.37 0.00	28.84 0.00 0.00	26.73 -0.11 0.00
SITHE___OGDNSBRG 24021	26.35 0.31 0.00	25.99 0.38 0.00	26.29 0.31 0.00	24.69 0.39 0.00	26.47 0.49 0.00	25.72 0.53 0.00	26.67 0.39 0.00	30.67 0.48 0.00	30.79 0.27 0.00	33.30 0.36 0.00	33.09 0.33 0.00	32.84 0.29 0.00	31.97 0.29 0.00	33.61 0.17 0.00	24.99 -0.33 0.00	22.02 -0.61 0.00	21.18 -0.54 0.00	21.54 -0.90 0.00	19.07 -0.73 0.00	19.31 -0.76 0.00	19.31 -0.60 0.00	28.75 0.03 0.00	29.33 0.49 0.00	27.16 0.32 0.00
SITHE___STERLING 23777	26.51 0.49 0.02	25.89 0.38 0.10	26.19 0.34 0.12	24.55 0.37 0.12	26.19 0.44 0.23	25.63 0.50 0.07	26.81 0.68 0.15	30.87 1.03 0.35	31.12 0.89 0.28	33.64 1.15 0.45	33.52 1.15 0.39	33.38 1.11 0.27	32.38 1.04 0.35	34.10 1.07 0.41	26.28 0.96 0.00	23.51 0.88 0.00	22.60 0.87 0.00	23.29 0.85 0.00	20.60 0.79 0.00	20.94 0.86 0.00	20.78 0.87 0.00	29.73 1.00 0.00	29.68 0.84 0.00	27.53 0.70 0.00
SLEIGHT__34_KV_TB1 80719	26.47 0.39 -0.05	25.58 0.15 0.18	25.84 0.05 0.19	24.27 0.02 0.06	25.67 0.08 0.39	25.39 0.33 0.13	26.74 0.58 0.11	30.52 0.72 0.40	31.48 0.79 -0.17	33.84 0.96 0.04	33.73 1.05 0.08	33.56 1.07 0.05	32.86 0.95 -0.22	34.65 0.97 -0.24	28.29 1.14 -1.84	25.98 1.13 -2.22	26.11 1.02 -3.36	26.46 1.03 -3.00	23.68 0.89 -2.98	23.29 1.00 -2.21	22.92 0.96 -2.05	29.94 0.95 -0.26	29.43 0.52 -0.07	27.30 0.43 -0.03
SOUTH CAIRO___GT 23612	28.83 1.88 -0.92	27.55 1.95 0.00	28.20 1.84 -0.38	27.81 1.70 -1.80	28.18 1.82 -0.38	27.06 1.86 0.00	29.90 1.94 -1.68	32.14 2.56 0.61	34.90 2.62 -1.76	36.07 2.80 -0.34	34.65 2.62 0.74	34.02 2.54 1.07	34.69 2.41 -0.60	36.15 2.51 -0.20	37.79 1.60 -10.88	34.46 1.61 -10.22	47.88 1.33 -24.83	57.89 1.41 -34.04	55.02 1.33 -33.88	51.80 1.37 -30.36	49.47 1.37 -28.19	34.22 1.87 -3.63	31.76 1.90 -1.02	29.11 1.85 -0.42
SOUTH HAMPTN___IC 23720	45.10 3.44 -15.63	37.28 3.15 -8.52	34.06 3.17 -4.91	32.11 2.87 -4.94	32.34 3.12 -3.24	27.69 2.52 0.02	30.18 2.92 -0.99	35.04 3.38 -1.46	38.76 3.69 -4.56	41.98 3.88 -5.16	50.49 3.96 -13.76	51.30 4.10 -14.66	52.43 3.96 -16.78	56.10 4.38 -18.29	53.48 3.57 -24.59	53.63 3.21 -27.79	53.60 3.08 -28.79	83.84 3.21 -58.20	85.95 2.77 -63.37	53.31 2.75 -30.48	51.85 2.83 -29.11	52.14 3.88 -19.54	39.94 3.92 -7.18	39.60 3.76 -9.01
SOUTHDOW_115KV_TB1 355954	25.98 -0.13 -0.07	24.48 -0.87 0.26	24.67 -1.04 0.27	23.05 -1.17 0.08	24.26 -1.17 0.55	24.27 -0.73 0.19	25.54 -0.58 0.16	29.21 -0.42 0.56	30.58 -0.21 -0.28	32.61 -0.30 0.03	32.41 -0.26 0.09	32.23 -0.26 0.06	31.76 -0.29 -0.36	33.26 -0.57 -0.39	29.01 0.96 -2.74	26.88 0.95 -3.30	27.45 0.83 -4.89	27.65 0.85 -4.37	24.85 0.71 -4.33	24.53 1.00 -3.45	23.82 0.72 -3.20	29.54 0.40 -0.41	28.72 -0.23 -0.12	26.91 0.03 -0.05
SOUTHOLD_69_KV_BK 2 55809	45.70 4.04 -15.63	38.00 3.87 -8.52	34.66 3.77 -4.91	32.70 3.45 -4.94	32.94 3.72 -3.24	28.50 3.33 0.02	31.05 3.78 -0.99	36.06 4.41 -1.46	39.74 4.67 -4.56	43.14 5.04 -5.16	51.77 5.24 -13.77	52.34 5.14 -14.66	53.60 5.13 -16.78	57.18 5.45 -18.29	54.21 4.30 -24.60	54.40 3.98 -27.79	54.36 3.85 -28.78	84.70 4.06 -58.20	86.65 3.47 -63.38	54.11 3.55 -30.47	52.48 3.46 -29.11	53.06 4.80 -19.54	40.75 4.73 -7.18	40.35 4.51 -9.01
SOUTHOLD___IC 23719	45.70 4.04 -15.63	37.84 3.71 -8.52	34.64 3.74 -4.91	32.65 3.40 -4.94	32.91 3.69 -3.24	28.24 3.07 0.02	30.76 3.49 -0.99	35.79 4.14 -1.46	39.55 4.49 -4.56	42.87 4.77 -5.16	51.44 4.91 -13.76	52.25 5.04 -14.66	53.28 4.81 -16.78	57.04 5.32 -18.29	54.16 4.25 -24.59	54.26 3.85 -27.79	54.19 3.67 -28.79	84.47 3.84 -58.20	86.51 3.33 -63.38	53.85 3.29 -30.48	52.35 3.32 -29.11	52.85 4.59 -19.54	40.63 4.61 -7.18	40.24 4.40 -9.01

SPIERFLS_115KV_TB 1 80737	29.54 1.85 -1.65	27.32 1.72 0.00	28.40 1.74 -0.68	29.11 1.58 -3.22	28.40 1.74 -0.68	26.83 1.64 0.00	31.18 1.76 -3.15	40.66 2.02 -8.45	53.42 2.11 -20.80	60.92 2.27 -25.71	56.84 2.10 -21.98	50.83 2.15 -16.14	62.26 2.03 -28.55	68.69 2.14 -33.11	77.33 1.44 -50.57	88.35 1.24 -64.47	108.41 1.26 -85.43	84.64 1.26 -60.95	81.76 1.29 -60.67	76.00 1.49 -54.44	71.91 1.45 -50.55	37.24 2.01 -6.51	32.52 1.85 -1.83	29.25 1.66 -0.75
ST LAWRENCE____ 23600	25.62 -0.42 0.00	25.30 -0.31 0.00	25.64 -0.34 0.00	24.04 -0.27 0.00	25.67 -0.31 0.00	24.94 -0.25 0.00	25.80 -0.47 0.00	29.62 -0.57 0.00	29.93 -0.58 0.00	32.28 -0.66 0.00	32.11 -0.65 0.00	31.89 -0.65 0.00	31.08 -0.60 0.00	32.80 -0.64 0.00	24.50 -0.81 0.00	21.77 -0.86 0.00	20.92 -0.80 0.00	21.49 -0.94 0.00	19.01 -0.79 0.00	19.23 -0.84 0.00	19.13 -0.78 0.00	28.03 -0.69 0.00	28.41 -0.43 0.00	26.35 -0.48 0.00
STATE_CA_115KV_115_LB 55624	28.42 1.09 -1.29	26.68 1.08 0.00	27.60 1.09 -0.53	27.86 1.05 -2.51	27.60 1.09 -0.53	26.18 0.98 0.00	29.65 1.02 -2.35	30.31 1.18 1.06	33.81 1.19 -2.10	34.18 1.28 0.04	32.56 1.31 1.51	31.98 1.30 1.86	33.23 1.27 -0.27	34.38 1.34 0.39	41.03 1.11 -14.60	36.99 1.00 -13.36	56.58 0.93 -33.92	70.81 0.94 -47.44	67.84 0.81 -47.22	63.23 0.80 -42.35	60.00 0.78 -39.32	34.88 1.09 -5.06	31.39 1.12 -1.43	28.55 1.13 -0.58
STATE_ST_34_KV_LOAD 55959	26.28 0.18 -0.06	25.52 0.03 0.12	25.82 -0.05 0.11	24.28 -0.05 -0.02	25.72 -0.03 0.24	25.26 0.15 0.09	26.60 0.34 0.01	30.41 0.39 0.17	31.28 0.40 -0.37	33.46 0.26 -0.27	33.28 0.33 -0.19	33.04 0.36 -0.13	32.45 0.29 -0.47	34.27 0.30 -0.53	27.81 0.58 -1.92	25.55 0.61 -2.31	25.80 0.56 -3.51	26.31 0.74 -3.13	23.58 0.65 -3.12	23.15 0.72 -2.35	22.81 0.72 -2.18	29.66 0.66 -0.28	29.29 0.37 -0.08	27.16 0.30 -0.03
STATION 5_MISC_HYD 23604	26.19 0.13 -0.02	25.08 -0.21 0.32	25.26 -0.36 0.36	23.59 -0.49 0.23	24.80 -0.47 0.71	24.73 -0.23 0.24	25.80 -0.16 0.32	29.19 -0.12 0.88	30.28 -0.03 0.20	32.22 -0.07 0.65	32.25 0.10 0.61	32.25 0.13 0.42	31.31 -0.13 0.25	33.03 -0.10 0.31	27.60 0.40 -1.88	25.31 0.41 -2.27	25.44 0.30 -3.41	25.92 0.45 -3.04	23.19 0.36 -3.03	22.82 0.52 -2.22	22.37 0.40 -2.06	29.07 0.09 -0.27	28.57 -0.34 -0.07	26.68 -0.19 -0.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.12 0.05 -0.03	25.06 -0.28 0.27	25.27 -0.42 0.29	23.66 -0.49 0.16	24.90 -0.49 0.58	24.77 -0.23 0.20	25.96 -0.08 0.23	29.47 -0.03 0.69	30.56 0.09 0.05	32.66 0.13 0.41	32.66 0.29 0.40	32.60 0.33 0.27	31.79 0.16 0.06	33.45 0.10 0.09	27.73 0.53 -1.88	25.46 0.57 -2.27	25.60 0.46 -3.41	26.02 0.54 -3.05	23.31 0.48 -3.03	22.90 0.58 -2.24	22.46 0.48 -2.08	29.25 0.26 -0.27	28.71 -0.20 -0.08	26.73 -0.13 -0.03
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.98 -0.08 -0.02	24.85 -0.44 0.32	25.03 -0.60 0.36	23.37 -0.70 0.23	24.55 -0.73 0.71	24.51 -0.45 0.23	25.62 -0.34 0.31	28.96 -0.36 0.87	30.14 -0.18 0.19	32.06 -0.23 0.64	32.10 -0.07 0.60	32.13 0.00 0.42	31.28 -0.16 0.25	32.87 -0.27 0.30	27.44 0.25 -1.87	25.21 0.32 -2.26	25.32 0.20 -3.39	25.75 0.29 -3.03	23.08 0.26 -3.01	22.69 0.40 -2.21	22.24 0.28 -2.05	28.90 -0.09 -0.26	28.37 -0.55 -0.07	26.46 -0.40 -0.03
STA_56____34_KV_BUS2 355983	25.98 -0.08 -0.02	24.85 -0.44 0.32	25.03 -0.60 0.36	23.37 -0.70 0.23	24.55 -0.73 0.71	24.51 -0.45 0.23	25.62 -0.34 0.31	28.96 -0.36 0.87	30.14 -0.18 0.19	32.06 -0.23 0.64	32.10 -0.07 0.60	32.13 0.00 0.42	31.28 -0.16 0.25	32.87 -0.27 0.30	27.44 0.25 -1.87	25.21 0.32 -2.26	25.32 0.20 -3.39	25.75 0.29 -3.03	23.08 0.26 -3.01	22.69 0.40 -2.21	22.24 0.28 -2.05	28.90 -0.09 -0.26	28.37 -0.55 -0.07	26.46 -0.40 -0.03
STA_67____115KV_BK2 355882	26.08 0.03 -0.02	24.95 -0.33 0.32	25.13 -0.49 0.36	23.46 -0.61 0.23	24.67 -0.60 0.71	24.63 -0.33 0.24	25.69 -0.26 0.32	29.04 -0.27 0.88	30.22 -0.09 0.20	32.11 -0.16 0.66	32.15 0.00 0.61	32.18 0.07 0.43	31.33 -0.10 0.26	32.89 -0.23 0.31	27.50 0.30 -1.88	25.28 0.38 -2.27	25.37 0.24 -3.40	25.83 0.36 -3.04	23.15 0.32 -3.02	22.78 0.48 -2.22	22.33 0.36 -2.06	28.99 0.00 -0.27	28.48 -0.43 -0.07	26.57 -0.30 -0.03
STA_7____115KV_9TRANS 80674	26.32 0.26 -0.02	25.16 -0.13 0.32	25.33 -0.29 0.36	23.64 -0.44 0.23	24.85 -0.42 0.71	24.81 -0.15 0.24	25.91 -0.05 0.32	29.28 -0.03 0.88	30.50 0.18 0.20	32.38 0.10 0.65	32.45 0.29 0.61	32.48 0.36 0.42	31.62 0.19 0.26	33.19 0.07 0.31	27.75 0.56 -1.88	25.49 0.59 -2.27	25.59 0.46 -3.41	26.06 0.58 -3.04	23.35 0.51 -3.03	22.98 0.68 -2.22	22.51 0.54 -2.06	29.28 0.29 -0.27	28.71 -0.20 -0.07	26.79 -0.08 -0.03
STA_82____115KV_TB1 80780	26.11 0.05 -0.02	24.98 -0.31 0.32	25.16 -0.47 0.36	23.49 -0.58 0.23	24.68 -0.60 0.71	24.63 -0.33 0.23	25.73 -0.24 0.31	29.05 -0.27 0.87	30.26 -0.06 0.19	32.13 -0.16 0.64	32.17 0.00 0.60	32.20 0.07 0.41	31.38 -0.06 0.24	32.94 -0.20 0.30	27.53 0.33 -1.89	25.29 0.38 -2.28	25.39 0.24 -3.42	25.85 0.36 -3.05	23.18 0.34 -3.04	22.81 0.50 -2.24	22.36 0.38 -2.08	29.02 0.03 -0.27	28.48 -0.43 -0.08	26.60 -0.27 -0.03
STEEL____WIND 323596	25.94 -0.16 -0.06	24.58 -0.74 0.28	24.75 -0.93 0.30	23.08 -1.09 0.13	24.29 -1.09 0.60	24.29 -0.71 0.20	25.39 -0.68 0.20	28.84 -0.69 0.66	30.05 -0.61 -0.14	32.03 -0.69 0.21	31.97 -0.56 0.24	31.80 -0.58 0.16	31.49 -0.38 -0.18	32.83 -0.80 -0.19	28.25 0.43 -2.51	26.11 0.45 -3.03	26.61 0.35 -4.53	26.93 0.45 -4.05	24.09 0.26 -4.03	23.76 0.52 -3.16	23.14 0.30 -2.93	28.81 -0.29 -0.38	28.20 -0.75 -0.11	26.48 -0.40 -0.04
STEPHTWN_115KV_BK_2 55603	28.39 1.22 -1.13	26.81 1.20 0.00	27.66 1.22 -0.46	27.65 1.14 -2.21	27.66 1.22 -0.46	26.30 1.11 0.00	29.51 1.18 -2.05	29.12 1.39 2.46	30.92 1.37 0.96	30.41 1.51 4.04	29.22 1.51 5.05	29.55 1.53 4.52	29.00 1.46 4.15	29.40 1.54 5.58	34.55 1.34 -7.89	28.29 1.27 -4.39	46.23 1.17 -23.33	65.36 1.19 -41.73	62.36 1.01 -41.54	58.32 1.00 -37.24	55.47 0.98 -34.58	34.55 1.38 -4.45	31.48 1.38 -1.25	28.69 1.34 -0.51
STEBEN_REC_LFGE 323667	26.32 0.18 -0.10	25.05 -0.36 0.20	25.30 -0.49 0.19	23.80 -0.53 -0.03	25.05 -0.52 0.41	24.95 -0.10 0.15	26.34 0.11 0.03	30.15 0.27 0.31	31.45 0.34 -0.60	33.71 0.36 -0.42	33.51 0.46 -0.29	33.21 0.46 -0.21	32.87 0.41 -0.77	34.60 0.30 -0.86	29.63 1.11 -3.20	27.74 1.24 -3.86	28.64 1.09 -5.82	28.80 1.17 -5.20	25.99 1.01 -5.17	25.56 1.24 -4.24	24.90 1.06 -3.93	30.15 0.92 -0.51	29.30 0.32 -0.14	27.27 0.38 -0.06
STONY____BROOK 24151	44.47 2.81 -15.63	36.67 2.54 -8.52	33.41 2.52 -4.91	31.53 2.28 -4.94	31.72 2.49 -3.24	27.11 1.94 0.02	29.55 2.28 -0.99	34.28 2.63 -1.46	37.75 2.69 -4.56	40.86 2.77 -5.16	49.34 2.82 -13.76	50.19 2.99 -14.66	51.32 2.85 -16.78	54.97 3.24 -18.29	52.62 2.71 -24.59	52.88 2.47 -27.79	52.88 2.37 -28.79	86.75 2.56 -61.76	91.05 2.20 -69.05	52.71 2.15 -30.48	51.27 2.25 -29.11	51.30 3.04 -19.54	39.16 3.14 -7.18	38.95 3.11 -9.01

STURGEON_POOL_HYD 23609	27.92 1.25 -0.64	26.86 1.28 0.03	27.35 1.14 -0.23	26.57 1.05 -1.22	27.26 1.09 -0.19	26.28 1.11 0.02	28.75 1.34 -1.14	32.78 1.66 -0.93	36.14 1.80 -3.83	38.85 1.98 -3.94	37.57 1.87 -2.94	36.31 1.82 -1.94	38.00 1.81 -4.51	40.46 2.01 -5.02	39.26 1.70 -12.25	38.33 1.61 -14.10	46.44 1.35 -23.36	47.57 1.44 -23.70	44.57 1.17 -23.59	42.31 1.12 -21.10	40.60 1.09 -19.60	32.68 1.44 -2.52	30.93 1.38 -0.71	28.55 1.42 -0.29
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.78 1.22 -0.52	26.70 1.13 0.03	27.27 1.12 -0.18	26.29 1.00 -0.99	27.19 1.07 -0.14	26.18 1.01 0.02	28.46 1.26 -0.92	32.90 1.36 -1.36	36.19 1.43 -4.24	39.32 1.58 -4.80	38.18 1.54 -3.88	36.81 1.53 -2.74	38.63 1.52 -5.43	41.29 1.67 -6.18	38.73 1.44 -11.98	38.47 1.38 -14.46	44.70 1.33 -21.65	43.18 1.39 -19.36	40.21 1.13 -19.27	38.40 1.10 -17.22	36.99 1.09 -15.99	32.25 1.46 -2.06	30.77 1.36 -0.58	28.44 1.37 -0.24
SWANROAD_115KV_TB1 355699	25.41 -0.68 -0.05	24.06 -1.25 0.30	24.21 -1.45 0.32	22.56 -1.58 0.16	23.73 -1.61 0.64	23.75 -1.23 0.22	24.77 -1.26 0.24	27.92 -1.54 0.73	29.23 -1.31 -0.03	31.06 -1.51 0.36	31.03 -1.38 0.36	30.96 -1.33 0.25	30.33 -1.39 -0.04	31.76 -1.71 -0.03	27.20 -0.43 -2.31	25.17 -0.25 -2.79	25.46 -0.46 -4.18	25.81 -0.36 -3.73	23.19 -0.34 -3.72	22.89 -0.06 -2.87	22.29 -0.28 -2.66	27.97 -1.09 -0.34	27.35 -1.59 -0.10	25.72 -1.15 -0.04
SYNERGY___BIOGAS 323694	26.46 0.39 -0.04	25.18 -0.13 0.30	25.31 -0.34 0.33	23.56 -0.56 0.19	24.80 -0.52 0.67	24.82 -0.15 0.22	25.93 -0.08 0.27	29.35 -0.06 0.78	30.49 0.03 0.05	32.44 -0.03 0.46	32.48 0.16 0.45	32.36 0.13 0.31	31.59 -0.03 0.07	33.18 -0.17 0.10	28.15 0.68 -2.15	25.86 0.63 -2.60	26.13 0.52 -3.89	26.56 0.65 -3.47	23.77 0.51 -3.45	23.46 0.76 -2.62	22.92 0.58 -2.43	29.24 0.20 -0.31	28.58 -0.34 -0.09	26.77 -0.11 -0.04
SYRACUSE___ENERGY_ST1 323597	25.85 -0.23 -0.05	25.14 -0.36 0.11	25.46 -0.42 0.10	23.92 -0.39 0.00	25.35 -0.42 0.22	24.84 -0.28 0.08	26.06 -0.18 0.03	29.83 -0.18 0.18	30.60 -0.18 -0.27	32.97 -0.13 -0.17	32.77 -0.10 -0.11	32.56 -0.07 -0.08	31.94 -0.10 -0.35	33.73 -0.10 -0.39	27.04 0.18 -1.55	24.77 0.27 -1.87	24.79 0.24 -2.82	25.18 0.22 -2.52	22.51 0.20 -2.51	22.15 0.28 -1.79	21.83 0.26 -1.66	29.05 0.11 -0.21	28.78 -0.12 -0.06	26.75 -0.11 -0.02
SYRACUSE___ENERGY_ST2 323598	25.85 -0.23 -0.05	25.14 -0.36 0.11	25.46 -0.42 0.10	23.92 -0.39 0.00	25.35 -0.42 0.22	24.84 -0.28 0.08	26.06 -0.18 0.03	29.83 -0.18 0.18	30.60 -0.18 -0.27	32.97 -0.13 -0.17	32.77 -0.10 -0.11	32.56 -0.07 -0.08	31.94 -0.10 -0.35	33.73 -0.10 -0.39	27.04 0.18 -1.55	24.77 0.27 -1.87	24.79 0.24 -2.82	25.18 0.22 -2.52	22.51 0.20 -2.51	22.15 0.28 -1.79	21.83 0.26 -1.66	29.05 0.11 -0.21	28.78 -0.12 -0.06	26.75 -0.11 -0.02
SYRACUSE___POWER 24017	25.79 -0.29 -0.04	25.01 -0.44 0.16	25.34 -0.47 0.17	23.81 -0.44 0.06	25.16 -0.47 0.35	24.72 -0.35 0.12	25.90 -0.26 0.11	29.58 -0.24 0.37	30.40 -0.24 -0.13	32.63 -0.23 0.07	32.50 -0.16 0.10	32.32 -0.16 0.07	31.66 -0.19 -0.16	33.41 -0.20 -0.18	27.01 0.10 -1.59	24.75 0.20 -1.92	24.82 0.17 -2.92	25.22 0.18 -2.61	22.56 0.16 -2.59	22.22 0.26 -1.88	21.87 0.22 -1.74	29.00 0.06 -0.22	28.73 -0.17 -0.06	26.70 -0.16 -0.03
TALLMAN__138KV_BK151 55660	27.92 1.35 -0.53	26.83 1.25 0.03	27.38 1.22 -0.18	26.41 1.09 -1.01	27.30 1.17 -0.15	26.31 1.13 0.02	28.64 1.42 -0.95	33.13 1.54 -1.40	36.46 1.59 -4.36	39.59 1.71 -4.94	38.42 1.67 -3.99	37.02 1.66 -2.81	38.95 1.68 -5.58	41.61 1.81 -6.36	39.22 1.59 -12.31	39.01 1.52 -14.86	45.44 1.46 -22.26	43.90 1.57 -19.90	40.86 1.25 -19.81	39.01 1.22 -17.70	37.56 1.21 -16.44	32.48 1.64 -2.12	30.96 1.53 -0.60	28.61 1.53 -0.24
TEALLAVE_115KV_TB7 355573	25.67 -0.39 -0.03	24.91 -0.51 0.19	25.23 -0.55 0.20	23.66 -0.53 0.11	25.03 -0.55 0.41	24.63 -0.43 0.14	25.74 -0.37 0.16	29.32 -0.39 0.48	30.12 -0.37 0.02	32.30 -0.36 0.27	32.17 -0.33 0.27	32.07 -0.29 0.18	31.34 -0.32 0.03	33.03 -0.37 0.04	26.64 -0.03 -1.35	24.35 0.09 -1.63	24.27 0.09 -2.46	24.69 0.07 -2.19	22.07 0.08 -2.18	21.74 0.16 -1.50	21.44 0.14 -1.40	28.85 -0.06 -0.18	28.60 -0.29 -0.05	26.59 -0.27 -0.02
TELGRAPH_34_KV_EAST 80808	26.05 -0.03 -0.04	24.69 -0.61 0.30	24.82 -0.83 0.33	23.13 -1.00 0.18	24.34 -0.99 0.66	24.35 -0.63 0.22	25.44 -0.58 0.26	28.76 -0.66 0.76	30.06 -0.43 0.02	31.95 -0.56 0.42	31.99 -0.36 0.42	31.90 -0.36 0.29	31.18 -0.48 0.03	32.65 -0.74 0.05	27.85 0.33 -2.21	25.68 0.38 -2.67	25.92 0.20 -4.00	26.27 0.27 -3.57	23.58 0.22 -3.56	23.28 0.48 -2.72	22.69 0.26 -2.52	28.76 -0.29 -0.32	28.09 -0.84 -0.09	26.36 -0.51 -0.04
TEMPLE___115KV_TB 2 55572	25.70 -0.36 -0.03	24.93 -0.49 0.19	25.25 -0.52 0.21	23.68 -0.51 0.11	25.02 -0.55 0.41	24.65 -0.40 0.14	25.77 -0.34 0.16	29.32 -0.39 0.48	30.13 -0.37 0.02	32.33 -0.33 0.27	32.20 -0.29 0.27	32.10 -0.26 0.18	31.38 -0.29 0.03	33.06 -0.33 0.04	26.68 0.00 -1.37	24.39 0.11 -1.65	24.33 0.11 -2.49	24.75 0.09 -2.22	22.12 0.10 -2.21	21.79 0.18 -1.53	21.49 0.16 -1.42	28.85 -0.06 -0.18	28.63 -0.26 -0.05	26.62 -0.24 -0.02
TIANA____69_KV_BK 1 55817	44.94 3.28 -15.63	37.28 3.15 -8.52	33.93 3.04 -4.91	32.02 2.77 -4.94	32.21 2.99 -3.24	27.79 2.62 0.02	30.29 3.02 -0.99	35.10 3.44 -1.46	38.70 3.63 -4.56	41.98 3.89 -5.16	50.59 4.06 -13.77	51.17 3.97 -14.66	52.49 4.02 -16.78	56.04 4.31 -18.29	53.35 3.44 -24.60	53.63 3.21 -27.79	53.62 3.11 -28.78	83.93 3.30 -58.20	85.97 2.79 -63.38	53.42 2.87 -30.47	51.85 2.83 -29.11	52.17 3.91 -19.54	39.91 3.89 -7.18	39.54 3.70 -9.01
TILDEN___115KV_TB1 80814	25.79 -0.29 -0.04	25.01 -0.44 0.16	25.34 -0.47 0.17	23.81 -0.44 0.06	25.16 -0.47 0.35	24.72 -0.35 0.12	25.90 -0.26 0.11	29.58 -0.24 0.37	30.40 -0.24 -0.13	32.63 -0.23 0.07	32.50 -0.16 0.10	32.32 -0.16 0.07	31.66 -0.19 -0.16	33.41 -0.20 -0.18	27.01 0.10 -1.59	24.75 0.20 -1.92	24.82 0.17 -2.92	25.22 0.18 -2.61	22.56 0.16 -2.59	22.22 0.26 -1.88	21.87 0.22 -1.74	29.00 0.06 -0.22	28.73 -0.17 -0.06	26.70 -0.16 -0.03
TRIGEN___CC 323695	43.64 1.98 -15.63	35.98 1.84 -8.52	32.69 1.79 -4.91	30.87 1.63 -4.94	30.97 1.74 -3.24	26.71 1.54 0.02	29.11 1.84 -0.99	33.71 2.05 -1.46	37.20 2.14 -4.56	40.44 2.34 -5.16	48.89 2.36 -13.77	49.51 2.31 -14.66	50.81 2.34 -16.78	54.23 2.51 -18.29	52.04 2.13 -24.59	52.39 1.97 -27.79	52.42 1.91 -28.78	69.89 2.04 -45.41	64.44 1.66 -42.97	52.20 1.65 -30.47	50.64 1.63 -29.10	50.46 2.21 -19.52	38.27 2.25 -7.18	38.04 2.20 -9.00
TRINITY__115KV__ 4 BK 55933	28.18 0.99 -1.16	26.61 1.00 0.00	27.47 1.01 -0.47	27.51 0.95 -2.26	27.47 1.01 -0.47	26.08 0.88 0.00	29.32 0.95 -2.10	29.07 1.09 2.21	31.15 1.07 0.43	30.75 1.15 3.34	29.52 1.18 4.43	29.63 1.14 4.05	29.43 1.11 3.37	29.98 1.20 4.66	35.36 0.99 -9.06	29.49 0.91 -5.96	47.70 0.83 -25.14	65.95 0.85 -42.67	62.99 0.71 -42.47	58.88 0.72 -38.08	55.96 0.70 -35.36	34.28 1.01 -4.55	31.16 1.04 -1.28	28.41 1.05 -0.53

UNION___PROCESSING_DRP 323587	26.11 0.05 -0.02	24.98 -0.31 0.32	25.16 -0.47 0.36	23.50 -0.58 0.23	24.70 -0.57 0.70	24.63 -0.33 0.23	25.73 -0.24 0.31	29.08 -0.24 0.86	30.27 -0.06 0.18	32.17 -0.13 0.63	32.20 0.03 0.59	32.23 0.10 0.41	31.39 -0.06 0.24	32.95 -0.20 0.29	27.53 0.33 -1.89	25.32 0.41 -2.28	25.41 0.26 -3.43	25.87 0.38 -3.06	23.19 0.34 -3.04	22.82 0.50 -2.24	22.36 0.38 -2.08	29.05 0.06 -0.27	28.48 -0.43 -0.08	26.60 -0.27 -0.03
UPPER HUDSON___HYD 24058	29.54 1.85 -1.65	27.32 1.72 0.00	28.40 1.74 -0.68	29.16 1.63 -3.22	28.40 1.74 -0.68	26.83 1.64 0.00	31.18 1.76 -3.15	40.69 2.05 -8.45	53.41 2.10 -20.80	60.92 2.27 -25.71	56.87 2.13 -21.98	50.80 2.11 -16.14	62.29 2.06 -28.55	68.65 2.11 -33.11	77.33 1.44 -50.57	88.34 1.24 -64.47	108.39 1.24 -85.43	84.64 1.26 -60.95	81.74 1.27 -60.67	75.98 1.46 -54.44	71.91 1.45 -50.55	37.24 2.01 -6.51	32.52 1.85 -1.83	29.22 1.64 -0.75
UPPER RAQUET___HYD 24056	26.09 0.05 0.00	25.74 0.13 0.00	26.03 0.05 0.00	24.43 0.12 0.00	26.16 0.18 0.00	25.45 0.25 0.00	26.38 0.11 0.00	30.25 0.06 0.00	30.48 -0.03 0.00	32.90 -0.03 0.00	32.73 -0.03 0.00	32.48 -0.06 0.00	31.66 -0.03 0.00	33.21 -0.23 0.00	24.61 -0.71 0.00	21.63 -1.00 0.00	20.75 -0.98 0.00	21.11 -1.32 0.00	18.70 -1.11 0.00	18.93 -1.14 0.00	18.97 -0.94 0.00	28.41 -0.32 0.00	29.04 0.20 0.00	26.86 0.03 0.00
VALLEY44_115KV_TB2 355964	25.35 -0.76 -0.07	23.86 -1.49 0.26	24.08 -1.64 0.27	22.53 -1.70 0.08	23.69 -1.74 0.55	23.65 -1.36 0.19	24.86 -1.26 0.15	28.34 -1.30 0.55	29.68 -1.13 -0.30	31.59 -1.35 0.00	31.45 -1.24 0.06	31.24 -1.27 0.04	30.80 -1.27 -0.38	32.36 -1.50 -0.42	28.47 0.38 -2.78	26.46 0.48 -3.35	27.04 0.28 -5.04	27.33 0.40 -4.49	24.56 0.30 -4.46	24.19 0.54 -3.57	23.50 0.28 -3.31	28.98 -0.17 -0.43	28.15 -0.81 -0.12	26.40 -0.48 -0.05
VALLEY___115KV_TB 1-4 80826	25.90 -0.13 0.01	25.45 -0.13 0.03	25.81 -0.13 0.04	24.19 -0.07 0.04	25.86 -0.05 0.07	25.10 -0.08 0.02	26.26 0.03 0.05	30.23 0.15 0.11	30.58 0.15 0.08	33.26 0.46 0.14	33.13 0.49 0.12	32.92 0.46 0.08	32.02 0.44 0.11	33.78 0.47 0.13	25.69 0.38 0.00	22.97 0.34 0.00	22.05 0.33 0.00	22.61 0.18 0.00	19.94 0.14 0.00	20.20 0.12 0.00	20.05 0.14 0.00	28.87 0.14 0.00	28.93 0.09 0.00	26.94 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.76 1.33 -0.40	26.77 1.23 0.07	27.34 1.27 -0.08	26.26 1.24 -0.72	27.39 1.40 0.00	26.48 1.34 0.05	28.57 1.63 -0.66	33.22 2.11 -0.91	35.69 1.95 -3.23	38.67 2.14 -3.59	37.78 2.13 -2.89	36.63 2.05 -2.04	37.78 1.96 -4.13	40.15 2.01 -4.70	36.51 1.72 -9.47	35.65 1.58 -11.43	40.33 1.48 -17.13	39.24 1.59 -15.21	36.35 1.41 -15.14	34.96 1.47 -13.42	33.88 1.51 -12.46	32.22 1.90 -1.60	31.05 1.76 -0.45	28.63 1.61 -0.19
VISCHER___FERRY HYD 24020	28.93 1.43 -1.46	26.97 1.36 0.00	27.98 1.40 -0.60	28.47 1.31 -2.85	27.98 1.40 -0.60	26.45 1.26 0.00	30.63 1.47 -2.89	46.79 1.63 -14.97	64.43 1.68 -32.24	77.22 1.84 -42.44	72.29 1.80 -37.73	62.78 1.79 -28.45	80.25 1.74 -46.82	90.26 1.84 -54.99	95.92 1.49 -69.12	117.24 1.36 -93.25	130.71 1.28 -107.70	77.62 1.28 -53.91	74.59 1.13 -53.66	69.36 1.14 -48.14	65.72 1.11 -44.70	36.03 1.55 -5.75	31.99 1.53 -1.62	28.98 1.48 -0.66
V_A_10_SYNC_DSASP 323832	25.76 -0.31 -0.03	24.55 -0.74 0.32	24.72 -0.91 0.35	23.08 -1.02 0.21	24.24 -1.04 0.70	24.23 -0.73 0.23	25.27 -0.71 0.29	28.51 -0.85 0.83	29.76 -0.64 0.11	31.63 -0.76 0.54	31.62 -0.62 0.52	31.60 -0.59 0.36	30.85 -0.70 0.14	32.36 -0.90 0.18	27.30 -0.10 -2.09	25.17 0.02 -2.52	25.33 -0.17 -3.78	25.76 -0.04 -3.37	23.12 -0.04 -3.36	22.79 0.18 -2.53	22.28 0.02 -2.35	28.39 -0.63 -0.30	27.83 -1.10 -0.09	26.09 -0.78 -0.03
V_CMM_10_SYNC_DSASP 323787	25.72 -0.31 0.00	25.40 -0.21 0.00	25.75 -0.23 0.00	24.11 -0.20 0.00	25.77 -0.21 0.00	25.02 -0.18 0.00	25.91 -0.37 0.00	29.74 -0.45 0.00	30.06 -0.46 0.00	32.41 -0.53 0.00	32.24 -0.53 0.00	32.02 -0.52 0.00	31.21 -0.47 0.00	32.94 -0.50 0.00	24.63 -0.68 0.00	21.86 -0.77 0.00	21.03 -0.70 0.00	21.60 -0.83 0.00	19.09 -0.71 0.00	19.31 -0.76 0.00	19.21 -0.70 0.00	28.15 -0.57 0.00	28.52 -0.32 0.00	26.43 -0.40 0.00
V_CMP_10_SYNC_DSASP 323788	26.09 0.05 0.00	25.71 0.10 0.00	26.03 0.05 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.49 0.30 0.00	30.48 -0.03 0.00	32.67 -0.26 0.00	32.43 -0.33 0.00	32.35 -0.19 0.00	31.50 -0.19 0.00	33.31 -0.13 0.00	24.86 -0.45 0.00	22.13 -0.50 0.00	21.34 -0.39 0.00	22.12 -0.31 0.00	19.55 -0.26 0.00	19.78 -0.30 0.00	19.91 0.00 0.00	29.04 0.32 0.00	29.33 0.49 0.00	27.18 0.35 0.00
V_E_10_SYNC_DSASP 323830	27.66 1.40 -0.22	26.62 1.13 0.11	27.03 1.09 0.04	25.75 1.12 -0.33	27.17 1.35 0.16	26.62 1.51 0.08	28.50 1.94 -0.28	33.27 2.81 -0.27	34.58 2.41 -1.66	37.41 2.73 -1.74	36.96 2.82 -1.38	36.09 2.57 -0.98	36.25 2.44 -2.12	38.36 2.51 -2.41	32.90 2.13 -5.46	31.17 1.95 -6.59	33.53 1.93 -9.87	33.20 1.97 -8.79	30.42 1.86 -8.75	29.73 2.11 -7.55	29.11 2.19 -7.01	32.30 2.67 -0.90	31.40 2.31 -0.25	28.90 1.96 -0.10
V_F_30_NSYNC___DSASP 323816	29.52 1.85 -1.63	27.35 1.74 0.00	28.44 1.79 -0.67	29.14 1.65 -3.18	28.44 1.79 -0.67	26.83 1.64 0.00	31.20 1.81 -3.12	41.56 2.05 -9.32	54.94 2.10 -22.33	63.18 2.30 -27.94	59.09 2.26 -24.07	52.57 2.24 -17.78	64.86 2.18 -30.98	71.73 2.27 -36.02	80.15 1.77 -53.07	92.52 1.56 -68.33	111.70 1.52 -88.46	84.08 1.55 -60.10	81.04 1.41 -59.83	75.22 1.46 -53.68	71.19 1.43 -49.84	37.15 2.01 -6.42	32.55 1.90 -1.81	29.35 1.77 -0.74
V_F_30_SYNC_DSASP 323786	28.41 1.09 -1.28	26.68 1.08 0.00	27.59 1.09 -0.52	27.84 1.05 -2.49	27.59 1.09 -0.52	26.18 0.98 0.00	29.63 1.02 -2.33	30.22 1.18 1.15	33.61 1.19 -1.91	33.92 1.28 0.30	32.33 1.31 1.74	31.81 1.30 2.03	32.94 1.27 0.01	34.05 1.34 0.73	40.59 1.11 -14.16	36.41 1.00 -12.78	55.89 0.93 -33.22	70.43 0.94 -47.05	67.45 0.81 -46.83	62.88 0.80 -42.00	59.68 0.78 -39.00	34.83 1.09 -5.02	31.38 1.12 -1.42	28.54 1.13 -0.58
V_XM_10_SYNC_DSASP 323789	26.09 0.05 0.00	25.71 0.10 0.00	26.03 0.05 0.00	24.40 0.10 0.00	26.19 0.21 0.00	25.47 0.28 0.00	26.48 0.21 0.00	30.49 0.30 0.00	30.48 -0.03 0.00	32.67 -0.26 0.00	32.43 -0.33 0.00	32.35 -0.19 0.00	31.50 -0.19 0.00	33.31 -0.13 0.00	24.86 -0.45 0.00	22.13 -0.50 0.00	21.34 -0.39 0.00	22.12 -0.31 0.00	19.55 -0.26 0.00	19.78 -0.30 0.00	19.91 0.00 0.00	29.04 0.32 0.00	29.33 0.49 0.00	27.18 0.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.03 1.46 -0.54	26.94 1.36 0.03	27.49 1.33 -0.18	26.52 1.19 -1.02	27.40 1.27 -0.15	26.41 1.23 0.02	28.75 1.52 -0.96	33.26 1.66 -1.41	36.64 1.74 -4.39	39.78 1.88 -4.97	38.61 1.83 -4.01	37.20 1.82 -2.83	39.11 1.81 -5.62	41.81 1.97 -6.40	39.40 1.70 -12.38	39.19 1.61 -14.95	45.66 1.54 -22.39	44.09 1.64 -20.02	41.06 1.33 -19.93	39.19 1.31 -17.81	37.74 1.29 -16.54	32.60 1.75 -2.13	31.08 1.64 -0.60	28.69 1.61 -0.25

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.18 1.59 -0.56	27.04 1.46 0.03	27.58 1.40 -0.19	26.63 1.26 -1.06	27.49 1.35 -0.16	26.51 1.34 0.02	28.92 1.66 -0.99	33.50 1.84 -1.46	36.96 1.89 -4.55	40.17 2.07 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.58 2.06 -5.83	42.35 2.27 -6.64	40.08 1.92 -12.84	39.92 1.79 -15.51	46.72 1.78 -23.22	45.07 1.88 -20.76	41.95 1.49 -20.66	39.97 1.43 -18.47	38.45 1.39 -17.15	32.80 1.87 -2.21	31.22 1.76 -0.62	28.86 1.77 -0.25
W50THST__13_KV_LOAD 356117	28.28 1.69 -0.56	27.14 1.56 0.03	27.68 1.51 -0.19	26.73 1.36 -1.06	27.59 1.45 -0.16	26.63 1.46 0.02	29.08 1.81 -0.99	33.68 2.02 -1.46	37.14 2.07 -4.55	40.40 2.31 -5.16	39.16 2.23 -4.17	37.70 2.21 -2.94	39.80 2.28 -5.83	42.59 2.51 -6.64	40.26 2.10 -12.84	40.08 1.95 -15.51	46.88 1.93 -23.22	45.21 2.02 -20.76	42.07 1.60 -20.66	40.07 1.53 -18.47	38.57 1.51 -17.15	32.94 2.01 -2.21	31.34 1.87 -0.62	28.97 1.88 -0.25
WADING RIVER_IC_1 23522	44.63 2.97 -15.63	36.82 2.69 -8.52	33.60 2.70 -4.91	31.68 2.43 -4.94	31.88 2.65 -3.24	27.24 2.07 0.02	29.71 2.44 -0.99	34.46 2.81 -1.46	38.09 3.02 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.30 2.69 -58.17	85.45 2.32 -63.33	52.87 2.31 -30.48	51.45 2.43 -29.11	51.56 3.30 -19.54	39.42 3.40 -7.18	39.14 3.30 -9.01
WADING RIVER_IC_2 23547	44.63 2.97 -15.63	36.82 2.69 -8.52	33.60 2.70 -4.91	31.68 2.43 -4.94	31.88 2.65 -3.24	27.24 2.07 0.02	29.71 2.44 -0.99	34.46 2.81 -1.46	38.09 3.02 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.30 2.69 -58.17	85.45 2.32 -63.33	52.87 2.31 -30.48	51.45 2.43 -29.11	51.56 3.30 -19.54	39.42 3.40 -7.18	39.14 3.30 -9.01
WADING RIVER_IC_3 23601	44.63 2.97 -15.63	36.82 2.69 -8.52	33.60 2.70 -4.91	31.68 2.43 -4.94	31.88 2.65 -3.24	27.24 2.07 0.02	29.71 2.44 -0.99	34.46 2.81 -1.46	38.09 3.02 -4.56	41.26 3.16 -5.16	49.74 3.21 -13.76	50.55 3.35 -14.66	51.70 3.23 -16.78	55.37 3.65 -18.29	52.89 2.99 -24.59	53.13 2.71 -27.79	53.14 2.63 -28.79	83.30 2.69 -58.17	85.45 2.32 -63.33	52.87 2.31 -30.48	51.45 2.43 -29.11	51.56 3.30 -19.54	39.42 3.40 -7.18	39.14 3.30 -9.01
WALDENNY_12_KV_BK2 80841	25.94 -0.16 -0.06	24.53 -0.79 0.28	24.69 -0.99 0.30	23.03 -1.14 0.13	24.23 -1.14 0.61	24.23 -0.76 0.21	25.36 -0.71 0.21	28.77 -0.75 0.67	30.12 -0.52 -0.13	32.08 -0.63 0.22	32.02 -0.49 0.25	31.92 -0.46 0.17	31.35 -0.51 -0.17	32.84 -0.77 -0.17	28.31 0.51 -2.49	26.20 0.57 -3.00	26.60 0.37 -4.50	26.87 0.43 -4.01	24.14 0.34 -4.00	23.81 0.60 -3.13	23.15 0.34 -2.91	28.90 -0.20 -0.37	28.19 -0.75 -0.11	26.48 -0.40 -0.04
WALDEN__HYDRO 24148	28.28 1.69 -0.56	27.17 1.59 0.03	27.70 1.53 -0.19	26.72 1.36 -1.06	27.62 1.48 -0.16	26.58 1.41 0.02	28.95 1.68 -0.99	33.52 1.87 -1.46	37.00 1.95 -4.54	40.22 2.14 -5.14	38.94 2.03 -4.15	37.43 1.95 -2.93	39.39 1.90 -5.81	42.13 2.07 -6.62	39.78 1.67 -12.79	39.66 1.58 -15.45	46.40 1.54 -23.13	44.79 1.66 -20.70	41.86 1.45 -20.60	39.90 1.40 -18.42	38.40 1.39 -17.10	32.74 1.81 -2.20	31.16 1.70 -0.62	28.78 1.69 -0.25
WARRENSBURG____ 23737	29.54 1.85 -1.65	27.32 1.72 0.00	28.40 1.74 -0.68	29.16 1.63 -3.22	28.40 1.74 -0.68	26.83 1.64 0.00	31.18 1.76 -3.15	40.69 2.05 -8.45	53.41 2.10 -20.80	60.92 2.27 -25.71	56.87 2.13 -21.98	50.80 2.11 -16.14	62.29 2.06 -28.55	68.65 2.11 -33.11	77.33 1.44 -50.57	88.34 1.24 -64.47	108.39 1.24 -85.43	84.64 1.26 -60.95	81.74 1.27 -60.67	75.98 1.46 -54.44	71.91 1.45 -50.55	37.24 2.01 -6.51	32.52 1.85 -1.83	29.22 1.64 -0.75
WATERSIDE____6 8 9 23538	28.29 1.69 -0.56	27.14 1.56 0.03	27.65 1.48 -0.19	26.70 1.34 -1.06	27.57 1.43 -0.16	26.58 1.41 0.02	28.97 1.71 -0.99	33.47 1.81 -1.46	36.90 1.83 -4.56	40.11 2.01 -5.16	38.90 1.97 -4.17	37.47 1.99 -2.94	39.61 2.09 -5.83	42.42 2.34 -6.64	40.11 1.95 -12.84	39.94 1.81 -15.51	46.77 1.83 -23.22	45.12 1.93 -20.76	42.01 1.54 -20.66	40.01 1.47 -18.47	38.49 1.43 -17.15	32.91 1.98 -2.21	31.36 1.90 -0.62	28.98 1.88 -0.26
WATKINRD_115KV_LN8_ILLION 55919	26.06 0.03 0.01	25.60 0.03 0.03	25.97 0.03 0.04	24.32 0.05 0.04	25.99 0.08 0.07	25.22 0.05 0.02	26.36 0.13 0.05	30.32 0.24 0.11	30.64 0.21 0.08	33.19 0.40 0.14	33.07 0.43 0.12	32.85 0.39 0.08	31.96 0.38 0.11	33.71 0.40 0.13	25.64 0.33 0.00	22.95 0.32 0.00	22.01 0.28 0.00	22.64 0.20 0.00	19.98 0.18 0.00	20.26 0.18 0.00	20.09 0.18 0.00	28.92 0.20 0.00	28.98 0.14 0.00	26.97 0.13 0.00
WATSON____69_KV_BK 1 55734	44.60 2.94 -15.63	36.92 2.79 -8.52	33.60 2.70 -4.91	31.72 2.48 -4.94	31.88 2.65 -3.24	27.47 2.29 0.02	29.95 2.68 -0.99	34.73 3.08 -1.46	38.27 3.20 -4.56	41.56 3.46 -5.16	50.07 3.54 -13.77	50.72 3.51 -14.66	51.98 3.52 -16.78	55.44 3.71 -18.29	52.92 3.01 -24.60	53.20 2.78 -27.79	53.23 2.72 -28.79	77.27 2.89 -51.95	75.64 2.44 -53.39	53.02 2.47 -30.47	51.55 2.53 -29.11	51.73 3.48 -19.53	39.45 3.43 -7.18	39.17 3.33 -9.00
WDELAWARE__HYD 323627	27.66 1.09 -0.53	26.55 0.97 0.03	27.09 0.93 -0.18	26.14 0.83 -1.01	27.01 0.88 -0.15	26.03 0.86 0.02	28.32 1.10 -0.94	32.81 1.24 -1.38	36.14 1.31 -4.32	39.08 1.25 -4.89	37.83 1.11 -3.95	36.44 1.11 -2.79	38.23 1.01 -5.53	40.84 1.10 -6.30	38.47 0.96 -12.20	38.28 0.93 -14.73	44.74 0.95 -22.06	43.38 1.19 -19.76	40.51 1.03 -19.67	38.62 0.96 -17.58	37.19 0.96 -16.32	32.00 1.18 -2.10	30.50 1.07 -0.59	28.18 1.10 -0.24
WEST BABYLON__IC 23714	44.42 2.76 -15.63	36.74 2.61 -8.52	33.41 2.52 -4.91	31.55 2.31 -4.94	31.69 2.47 -3.24	27.31 2.14 0.02	29.76 2.50 -0.99	34.52 2.87 -1.46	38.03 2.96 -4.56	41.36 3.26 -5.16	49.74 3.21 -13.77	50.39 3.19 -14.66	51.67 3.20 -16.78	55.10 3.38 -18.29	52.67 2.76 -24.60	52.98 2.56 -27.79	52.99 2.48 -28.79	72.26 2.65 -47.18	67.81 2.22 -45.78	52.80 2.25 -30.48	51.30 2.29 -29.11	51.38 3.13 -19.53	39.19 3.17 -7.18	38.93 3.09 -9.00
WEST CANADA__HYD 24049	26.16 0.13 0.01	25.71 0.13 0.03	26.07 0.13 0.04	24.39 0.12 0.04	26.07 0.16 0.07	25.30 0.13 0.02	26.39 0.16 0.05	30.30 0.21 0.11	30.64 0.22 0.08	33.06 0.26 0.14	32.90 0.26 0.12	32.72 0.26 0.08	31.83 0.25 0.11	33.58 0.27 0.13	25.57 0.25 0.00	22.85 0.23 0.00	21.94 0.22 0.00	22.64 0.20 0.00	19.98 0.18 0.00	20.24 0.16 0.00	20.07 0.16 0.00	28.90 0.17 0.00	28.98 0.14 0.00	26.97 0.13 0.00
WESTERN_NY_WIND 24143	26.44 0.36 -0.04	25.13 -0.18 0.30	25.26 -0.39 0.33	23.52 -0.61 0.18	24.77 -0.55 0.66	24.77 -0.20 0.22	25.88 -0.13 0.26	29.29 -0.12 0.78	30.47 0.00 0.04	32.42 -0.07 0.45	32.46 0.13 0.44	32.31 0.07 0.30	31.54 -0.09 0.05	33.13 -0.23 0.08	28.15 0.66 -2.17	25.86 0.61 -2.62	26.16 0.50 -3.93	26.57 0.63 -3.51	23.77 0.47 -3.49	23.48 0.74 -2.66	22.93 0.56 -2.47	29.19 0.14 -0.32	28.52 -0.40 -0.09	26.74 -0.13 -0.04

WESTOVER___LESR 323668	26.38 0.16 -0.18	25.40 -0.08 0.13	25.81 -0.10 0.07	24.41 -0.15 -0.25	25.64 -0.13 0.21	25.08 -0.03 0.09	26.60 0.13 -0.20	30.54 0.21 -0.14	32.12 0.24 -1.37	34.59 0.26 -1.39	34.15 0.29 -1.10	33.61 0.29 -0.78	33.69 0.25 -1.75	35.66 0.23 -1.99	30.66 0.61 -4.74	29.01 0.66 -5.73	30.87 0.59 -8.56	30.72 0.65 -7.64	27.96 0.55 -7.60	27.25 0.66 -6.51	26.53 0.58 -6.04	30.05 0.55 -0.78	29.29 0.23 -0.22	27.19 0.27 -0.09
WETHRSFD_WT_PWR 323626	25.93 -0.18 -0.07	24.64 -0.72 0.26	24.86 -0.86 0.26	23.26 -0.97 0.07	24.48 -0.96 0.54	24.43 -0.58 0.19	25.60 -0.53 0.15	29.14 -0.51 0.54	30.36 -0.46 -0.31	32.39 -0.56 -0.01	32.28 -0.43 0.05	32.06 -0.46 0.03	31.73 -0.35 -0.39	33.20 -0.67 -0.43	28.47 0.38 -2.78	26.34 0.36 -3.35	27.03 0.28 -5.02	27.29 0.38 -4.48	24.50 0.24 -4.46	24.12 0.48 -3.57	23.52 0.30 -3.31	28.95 -0.20 -0.43	28.30 -0.66 -0.12	26.51 -0.38 -0.05
WHAVSTOR_138KV_BK127 55557	27.90 1.33 -0.54	26.81 1.23 0.03	27.36 1.20 -0.18	26.42 1.09 -1.02	27.30 1.17 -0.15	26.28 1.11 0.02	28.62 1.39 -0.96	33.11 1.51 -1.41	36.46 1.56 -4.39	39.59 1.68 -4.98	38.42 1.64 -4.02	37.01 1.63 -2.84	38.93 1.62 -5.62	41.59 1.74 -6.41	39.26 1.54 -12.40	39.07 1.47 -14.97	45.56 1.41 -22.42	44.00 1.53 -20.04	40.96 1.21 -19.95	39.09 1.18 -17.83	37.64 1.17 -16.56	32.46 1.61 -2.13	30.94 1.50 -0.60	28.59 1.50 -0.25
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.90 1.33 -0.54	26.81 1.23 0.03	27.36 1.20 -0.18	26.42 1.09 -1.02	27.30 1.17 -0.15	26.28 1.11 0.02	28.62 1.39 -0.96	33.11 1.51 -1.41	36.46 1.56 -4.39	39.59 1.68 -4.98	38.42 1.64 -4.02	37.01 1.63 -2.84	38.93 1.62 -5.62	41.59 1.74 -6.41	39.26 1.54 -12.40	39.07 1.47 -14.97	45.56 1.41 -22.42	44.00 1.53 -20.04	40.96 1.21 -19.95	39.09 1.18 -17.83	37.64 1.17 -16.56	32.46 1.61 -2.13	30.94 1.50 -0.60	28.59 1.50 -0.25
WHITEHAL_115KV_TB1 80871	30.31 2.63 -1.65	28.04 2.43 0.00	29.09 2.44 -0.67	29.77 2.26 -3.20	29.09 2.44 -0.67	27.56 2.37 0.00	31.88 2.47 -3.13	41.93 2.93 -8.81	54.97 3.02 -21.43	62.77 3.19 -26.64	58.72 3.11 -22.85	52.55 3.19 -16.82	64.26 3.01 -29.56	70.86 3.11 -34.32	79.15 2.23 -51.61	90.60 1.90 -66.07	110.32 1.91 -86.68	85.01 1.97 -60.60	82.05 1.92 -60.32	76.33 2.13 -54.12	72.27 2.11 -50.26	38.09 2.90 -6.47	33.32 2.65 -1.82	29.94 2.36 -0.75
WHITEPLN_13_KV_LOAD 356215	28.28 1.69 -0.56	27.14 1.56 0.03	27.71 1.53 -0.19	26.75 1.39 -1.06	27.62 1.48 -0.16	26.61 1.44 0.02	29.03 1.76 -0.99	33.58 1.93 -1.46	37.07 2.01 -4.55	40.49 2.40 -5.15	39.38 2.46 -4.16	37.95 2.47 -2.93	39.94 2.44 -5.82	42.71 2.64 -6.63	40.36 2.23 -12.81	40.18 2.08 -15.47	46.94 2.04 -23.17	45.12 1.97 -20.71	42.01 1.58 -20.62	40.05 1.55 -18.43	38.54 1.51 -17.11	32.94 2.01 -2.20	31.36 1.90 -0.62	28.97 1.88 -0.25
WM_FLOYD_69_KV_BK2 356380	44.55 2.89 -15.63	36.90 2.77 -8.52	33.57 2.68 -4.91	31.68 2.43 -4.94	31.85 2.62 -3.24	27.42 2.24 0.02	29.89 2.63 -0.99	34.64 2.99 -1.46	38.15 3.08 -4.56	41.42 3.33 -5.16	50.00 3.47 -13.77	50.59 3.38 -14.66	51.92 3.45 -16.78	55.44 3.71 -18.29	52.90 2.99 -24.60	53.20 2.78 -27.79	53.23 2.72 -28.79	83.71 2.89 -58.38	85.91 2.44 -63.67	53.06 2.51 -30.47	51.51 2.49 -29.11	51.68 3.42 -19.54	39.42 3.40 -7.18	39.14 3.30 -9.01
WOODARD__115KV_TB2 355635	25.65 -0.42 -0.03	24.90 -0.54 0.17	25.22 -0.57 0.19	23.66 -0.56 0.09	25.01 -0.60 0.37	24.59 -0.48 0.13	25.74 -0.39 0.14	29.35 -0.42 0.42	30.11 -0.43 -0.03	32.34 -0.40 0.19	32.20 -0.36 0.20	32.08 -0.33 0.14	31.38 -0.35 -0.04	33.07 -0.40 -0.03	26.61 -0.08 -1.37	24.33 0.05 -1.66	24.27 0.04 -2.50	24.69 0.02 -2.23	22.04 0.02 -2.22	21.72 0.12 -1.52	21.40 0.08 -1.41	28.76 -0.14 -0.18	28.54 -0.35 -0.05	26.54 -0.32 -0.02
YORK___WARBASSE 23770	28.45 1.85 -0.57	27.29 1.72 0.03	27.78 1.61 -0.19	26.82 1.46 -1.06	27.67 1.53 -0.16	26.68 1.51 0.02	29.03 1.76 -0.99	33.53 1.87 -1.46	36.93 1.86 -4.56	40.14 2.04 -5.16	38.93 2.00 -4.17	37.50 2.02 -2.94	39.67 2.15 -5.83	42.49 2.41 -6.64	40.16 2.00 -12.84	40.01 1.88 -15.51	46.85 1.91 -23.22	45.23 2.04 -20.76	42.09 1.62 -20.66	40.09 1.55 -18.47	38.59 1.53 -17.15	33.06 2.13 -2.21	31.51 2.05 -0.62	29.14 2.04 -0.26