

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/30/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.16	28.20	28.05	27.06	26.95	27.38	29.56	31.66	34.22	36.09	36.42	38.90	41.03	43.18	48.70	50.40	65.46	64.82	55.58	50.62	42.92	38.42	36.21	32.67
24138	1.84	1.85	1.63	1.53	1.45	1.55	2.06	2.22	2.47	2.83	2.67	2.64	2.90	2.94	3.53	3.52	5.27	5.08	4.06	2.96	2.54	2.21	2.24	2.04
	0.00	-0.25	-0.65	0.00	0.00	0.00	0.00	-0.95	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.90	-6.26	-0.05	0.00	0.00	0.00	-1.52	-1.85
74TH STREET_GT_1	30.33	28.25	28.10	27.11	26.98	27.38	29.56	31.69	34.19	36.02	36.49	38.93	41.03	43.23	48.70	50.36	65.57	64.98	55.74	50.72	42.96	38.49	36.34	32.79
24260	2.01	1.90	1.68	1.58	1.48	1.55	2.06	2.25	2.44	2.76	2.73	2.68	2.90	2.98	3.52	3.47	5.38	5.24	4.22	3.05	2.58	2.28	2.37	2.16
	0.00	-0.25	-0.65	0.00	0.00	0.00	0.00	-0.95	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.89	-6.26	-0.05	0.00	0.00	0.00	-1.52	-1.85
74TH STREET_GT_2	30.33	28.25	28.10	27.11	26.98	27.38	29.56	31.69	34.19	36.02	36.49	38.93	41.03	43.23	48.70	50.36	65.57	64.98	55.74	50.72	42.96	38.49	36.34	32.79
24261	2.01	1.90	1.68	1.58	1.48	1.55	2.06	2.25	2.44	2.76	2.73	2.68	2.90	2.98	3.52	3.47	5.38	5.24	4.22	3.05	2.58	2.28	2.37	2.16
	0.00	-0.25	-0.65	0.00	0.00	0.00	0.00	-0.95	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.89	-6.26	-0.05	0.00	0.00	0.00	-1.52	-1.85
ADK HUDSON___FALLS	30.33	28.36	28.45	27.29	27.23	27.61	29.53	31.78	34.34	35.76	36.22	38.86	40.84	42.74	48.38	50.50	77.59	77.69	56.11	51.48	44.17	39.58	40.25	37.21
24011	2.01	1.93	1.80	1.76	1.73	1.78	2.03	2.02	2.40	2.49	2.46	2.61	2.71	2.50	3.21	3.61	4.45	4.22	4.48	3.81	3.79	3.37	2.95	2.53
	0.00	-0.33	-0.87	0.00	0.00	0.00	0.00	-1.26	-0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.83	-19.98	-0.16	0.00	0.00	0.00	-4.84	-5.90
ADK RESOURCE___RCVRY	30.47	28.54	28.63	27.44	27.41	27.82	29.75	31.98	34.59	36.06	36.52	39.19	41.18	43.11	48.83	51.01	78.14	78.30	56.62	52.05	44.69	40.04	40.63	37.49
23798	2.15	2.11	1.99	1.92	1.91	1.99	2.26	2.22	2.65	2.79	2.77	2.94	3.05	2.86	3.66	4.13	4.94	4.76	4.99	4.38	4.32	3.84	3.31	2.79
	0.00	-0.33	-0.87	0.00	0.00	0.00	0.00	-1.27	-0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.90	-20.06	-0.16	0.00	0.00	0.00	-4.86	-5.92
ADK S GLENS___FALLS	30.33	28.36	28.45	27.29	27.23	27.61	29.53	31.78	34.34	35.76	36.22	38.86	40.84	42.74	48.38	50.50	77.59	77.69	56.11	51.48	44.17	39.58	40.25	37.21
24028	2.01	1.93	1.80	1.76	1.73	1.78	2.03	2.02	2.40	2.49	2.46	2.61	2.71	2.50	3.21	3.61	4.45	4.22	4.48	3.81	3.79	3.37	2.95	2.53
	0.00	-0.33	-0.87	0.00	0.00	0.00	0.00	-1.26	-0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.83	-19.98	-0.16	0.00	0.00	0.00	-4.84	-5.90
ADK_NYS___DAM	30.19	28.21	28.31	27.16	27.08	27.51	29.45	31.69	34.09	35.53	35.98	38.50	40.46	42.54	47.80	49.75	73.00	73.21	54.89	50.33	42.79	38.45	38.49	35.47
23527	1.87	1.80	1.70	1.64	1.58	1.68	1.95	1.99	2.18	2.26	2.23	2.25	2.33	2.29	2.62	2.86	3.58	3.69	3.30	2.67	2.42	2.25	2.14	1.96
	0.00	-0.32	-0.83	0.00	0.00	0.00	0.00	-1.21	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.12	-16.04	-0.13	0.00	0.00	0.00	-3.89	-4.74
AIR_PRODUCTS___DRP	29.17	27.28	27.41	26.34	26.29	26.63	28.43	30.68	32.97	34.16	34.70	37.12	39.05	41.05	46.31	48.06	68.72	68.70	53.02	48.71	41.34	37.15	36.66	33.62
24190	0.85	0.86	0.80	0.82	0.79	0.80	0.93	0.97	1.06	0.90	0.95	0.87	0.92	0.80	1.13	1.17	1.74	1.76	1.44	1.05	0.97	0.94	0.94	0.86
	0.00	-0.32	-0.83	0.00	0.00	0.00	0.00	-1.22	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.68	-13.45	-0.11	0.00	0.00	0.00	-3.26	-3.97
AKWESSNE_115KV_BK	27.98	25.78	25.65	25.47	25.47	25.62	27.11	28.09	30.81	32.80	33.32	35.74	37.75	39.72	44.50	46.18	52.89	51.77	50.28	46.90	39.73	35.48	31.84	28.21
355683	-0.34	-0.31	-0.13	-0.05	-0.03	-0.21	-0.38	-0.40	-0.41	-0.47	-0.44	-0.51	-0.38	-0.52	-0.68	-0.70	-1.41	-1.71	-1.18	-0.76	-0.65	-0.72	-0.62	-0.58
	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	29.17	27.28	27.41	26.34	26.29	26.63	28.43	30.68	32.97	34.16	34.70	37.12	39.05	41.05	46.31	48.06	68.72	68.70	53.02	48.71	41.34	37.15	36.66	33.62
23571	0.85	0.86	0.80	0.82	0.79	0.80	0.93	0.97	1.06	0.90	0.95	0.87	0.92	0.80	1.13	1.17	1.74	1.76	1.44	1.05	0.97	0.94	0.94	0.86
	0.00	-0.32	-0.83	0.00	0.00	0.00	0.00	-1.22	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.68	-13.45	-0.11	0.00	0.00	0.00	-3.26	-3.97
ALBANY___2	29.17	27.28	27.41	26.34	26.29	26.63	28.43	30.68	32.97	34.16	34.70	37.12	39.05	41.05	46.31	48.06	68.72	68.70	53.02	48.71	41.34	37.15	36.66	33.62
23572	0.85	0.86	0.80	0.82	0.79	0.80	0.93	0.97	1.06	0.90	0.95	0.87	0.92	0.80	1.13	1.17	1.74	1.76	1.44	1.05	0.97	0.94	0.94	0.86
	0.00	-0.32	-0.83	0.00	0.00	0.00	0.00	-1.22	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.68	-13.45	-0.11	0.00	0.00	0.00	-3.26	-3.97
ALBANY___3	29.17	27.28	27.41	26.34	26.29	26.63	28.43	30.68	32.97	34.16	34.70	37.12	39.05	41.05	46.31	48.06	68.72	68.70	53.02	48.71	41.34	37.15	36.66	33.62
23573	0.85	0.86	0.80	0.82	0.79	0.80	0.93	0.97	1.06	0.90	0.95	0.87	0.92	0.80	1.13	1.17	1.74	1.76	1.44	1.05	0.97	0.94	0.94	0.86
	0.00	-0.32	-0.83	0.00	0.00	0.00	0.00	-1.22	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.68	-13.45	-0.11	0.00	0.00	0.00	-3.26	-3.97

ALBANY___4 23574	29.17 0.85 0.00	27.28 0.86 -0.32	27.41 0.80 -0.83	26.34 0.82 0.00	26.29 0.79 0.00	26.63 0.80 0.00	28.43 0.93 0.00	30.68 0.97 -1.22	32.97 1.06 -0.69	34.16 0.90 0.00	34.70 0.95 0.00	37.12 0.87 0.00	39.05 0.92 0.00	41.05 0.80 0.00	46.31 1.13 0.00	48.06 1.17 0.00	68.72 1.74 -12.68	68.70 1.76 -13.45	53.02 1.44 -0.11	48.71 1.05 0.00	41.34 0.97 0.00	37.15 0.94 0.00	36.66 0.94 -3.26	33.62 0.86 -3.97
ALBANY___LFGE 323615	29.43 1.10 0.00	27.54 1.12 -0.32	27.68 1.06 -0.84	26.60 1.07 0.00	26.52 1.02 0.00	26.89 1.06 0.00	28.71 1.21 0.00	30.97 1.25 -1.23	33.35 1.44 -0.70	34.63 1.36 0.00	35.14 1.38 0.00	37.63 1.38 0.00	39.62 1.49 0.00	41.66 1.41 0.00	46.98 1.81 0.00	48.86 1.97 0.00	71.37 2.55 -14.52	71.40 2.51 -15.41	53.75 2.16 -0.13	49.38 1.71 0.00	41.95 1.57 0.00	37.66 1.45 0.00	37.55 1.36 -3.73	34.57 1.24 -4.55
ALCOA_PA_115KV_PL-6C 55860	28.21 -0.11 0.00	25.99 -0.10 0.00	25.83 0.05 0.00	25.65 0.13 0.00	25.65 0.15 0.00	25.80 -0.03 0.00	27.28 -0.22 0.00	28.26 -0.23 0.00	31.00 -0.22 0.00	33.00 -0.27 0.00	33.55 -0.20 0.00	35.96 -0.29 0.00	38.02 -0.11 0.00	39.89 -0.36 0.00	44.63 -0.54 0.00	46.37 -0.52 0.00	53.00 -1.30 0.00	51.93 -1.55 0.00	50.44 -1.03 0.00	47.09 -0.57 0.00	39.89 -0.48 0.00	35.70 -0.51 0.00	32.04 -0.42 0.00	28.38 -0.40 0.00
ALCOA_RYNLDS___DRP 24188	28.21 -0.11 0.00	25.99 -0.10 0.00	25.83 0.05 0.00	25.65 0.13 0.00	25.65 0.15 0.00	25.80 -0.03 0.00	27.28 -0.22 0.00	28.26 -0.23 0.00	31.00 -0.22 0.00	33.00 -0.27 0.00	33.55 -0.20 0.00	35.96 -0.29 0.00	38.02 -0.11 0.00	39.89 -0.36 0.00	44.63 -0.54 0.00	46.37 -0.52 0.00	53.00 -1.30 0.00	51.93 -1.55 0.00	50.44 -1.03 0.00	47.09 -0.57 0.00	39.89 -0.48 0.00	35.70 -0.51 0.00	32.04 -0.42 0.00	28.38 -0.40 0.00
ALCOA___DSASP 323711	28.21 -0.11 0.00	25.99 -0.10 0.00	25.83 0.05 0.00	25.65 0.13 0.00	25.65 0.15 0.00	25.80 -0.03 0.00	27.28 -0.22 0.00	28.26 -0.23 0.00	31.00 -0.22 0.00	33.00 -0.27 0.00	33.55 -0.20 0.00	35.96 -0.29 0.00	37.75 -0.38 0.00	39.89 -0.36 0.00	44.64 -0.54 0.00	46.37 -0.51 0.00	53.00 -1.30 0.00	51.93 -1.55 0.00	50.49 -0.98 0.00	47.10 -0.57 0.00	39.85 -0.53 0.00	35.70 -0.51 0.00	32.04 -0.42 0.00	28.38 -0.40 0.00
ALLEGHENY___COGEN 23514	29.03 0.71 0.00	26.29 0.16 -0.04	25.63 -0.26 -0.10	24.99 -0.54 0.00	25.01 -0.49 0.00	26.01 0.18 0.00	27.69 0.19 0.00	28.24 -0.40 -0.15	30.24 -1.06 -0.09	32.13 -1.13 0.00	32.71 -1.05 0.00	35.56 -0.69 0.00	36.99 -1.14 0.00	39.20 -1.05 0.00	43.86 -1.31 0.00	45.29 -1.59 0.00	54.78 -0.49 -0.97	55.31 0.80 -1.02	52.50 1.03 -0.01	49.52 1.86 0.00	41.87 1.49 0.00	38.02 1.81 0.00	33.87 1.17 0.00	30.67 1.58 -0.30
ALTAMONT_115KV_TB 2 55880	29.46 1.13 0.00	27.51 1.10 -0.32	27.64 1.03 -0.83	26.55 1.02 0.00	26.47 0.97 0.00	26.84 1.01 0.00	28.65 1.15 0.00	30.90 1.20 -1.22	33.22 1.31 -0.69	34.56 1.30 0.00	35.04 1.28 0.00	37.52 1.27 0.00	39.47 1.33 0.00	41.54 1.29 0.00	46.76 1.58 0.00	48.53 1.64 0.00	67.97 2.28 -11.38	67.86 2.30 -12.08	53.57 2.01 -0.10	49.24 1.57 0.00	41.79 1.41 0.00	37.55 1.34 0.00	36.68 1.30 -2.93	33.53 1.18 -3.57
ALTONA_WT_PWR 323606	28.47 0.14 0.00	26.17 0.08 0.00	26.06 0.28 0.00	25.88 0.36 0.00	25.96 0.46 0.00	26.16 0.33 0.00	27.72 0.22 0.00	29.00 0.51 0.00	31.78 0.56 0.00	33.83 0.56 0.00	34.40 0.64 0.00	36.87 0.62 0.00	38.97 0.84 0.00	41.34 1.09 0.00	46.08 0.90 0.00	47.78 0.89 0.00	54.41 0.11 0.00	53.37 -0.11 0.00	51.87 0.41 0.00	48.28 0.62 0.00	40.78 0.40 0.00	36.06 -0.14 0.00	32.13 -0.32 0.00	28.35 -0.43 0.00
AMERICAN_REF_FUEL 24010	28.15 -0.17 0.00	25.27 -0.86 -0.04	24.53 -1.34 -0.09	23.99 -1.53 0.00	24.00 -1.50 0.00	25.16 -0.67 0.00	26.56 -0.94 0.00	27.35 -1.28 -0.14	29.74 -1.56 -0.08	31.77 -1.50 0.00	32.34 -1.42 0.00	35.67 -0.58 0.00	36.99 -1.14 0.00	39.08 -1.17 0.00	43.28 -1.90 0.00	44.59 -2.30 0.00	53.09 -2.06 -0.85	53.10 -1.28 -0.91	49.78 -1.70 -0.01	46.33 -1.33 0.00	39.08 -1.29 0.00	35.59 -0.62 0.00	31.93 -0.75 -0.22	28.21 -0.84 -0.27
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.20 0.88 0.00	26.14 0.00 -0.04	25.11 -0.77 -0.11	24.50 -1.02 0.00	24.51 -0.99 0.00	25.68 -0.15 0.00	27.44 -0.05 0.00	28.25 -0.40 -0.16	30.90 -0.41 -0.09	33.63 0.37 0.00	34.29 0.54 0.00	37.74 1.49 0.00	39.27 1.14 0.00	41.62 1.37 0.00	46.08 0.90 0.00	47.49 0.61 0.00	56.26 0.98 -0.98	56.34 1.82 -1.04	52.66 1.18 -0.01	48.71 1.05 0.00	41.06 0.69 0.00	37.19 0.98 0.00	33.23 0.52 -0.25	29.35 0.26 -0.31
ARTHUR_KILL_GT_1 23520	30.43 2.10 -0.01	28.41 2.06 -0.26	28.26 1.83 -0.65	27.24 1.71 0.00	27.08 1.58 0.00	27.33 1.50 0.00	29.45 1.95 0.00	31.52 2.08 -0.95	33.90 2.15 -0.53	35.38 2.60 0.48	35.56 2.53 0.72	38.74 2.50 0.01	40.95 2.82 0.01	42.98 2.74 0.01	48.38 3.21 0.01	49.97 3.09 0.01	65.57 5.32 -5.94	64.92 5.13 -6.30	55.52 4.02 -0.04	50.32 2.67 0.01	42.75 2.38 0.01	38.23 2.03 0.00	36.32 2.34 -1.52	32.80 2.16 -1.85
ARTHUR_KILL_2 23512	30.34 2.01 -0.01	28.34 1.98 -0.26	28.18 1.75 -0.65	27.16 1.64 0.00	27.03 1.53 0.00	27.28 1.45 0.00	29.37 1.87 0.00	31.43 1.99 -0.95	33.81 2.06 -0.53	35.28 2.50 0.48	35.46 2.43 0.72	38.60 2.35 0.01	40.79 2.67 0.01	42.82 2.58 0.01	48.20 3.03 0.01	49.79 2.91 0.01	65.29 5.05 -5.94	64.70 4.92 -6.30	55.32 3.81 -0.04	50.13 2.48 0.01	42.58 2.22 0.01	38.09 1.88 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
ARTHUR_KILL_3 23513	29.85 1.53 0.00	27.91 1.57 -0.25	27.74 1.31 -0.65	26.78 1.25 0.00	26.65 1.15 0.00	27.09 1.27 0.00	29.23 1.73 0.00	31.35 1.91 -0.95	33.82 2.06 -0.54	35.15 2.36 0.47	35.23 2.19 0.72	38.35 2.10 0.00	40.46 2.33 0.00	42.62 2.37 0.00	48.02 2.85 0.00	49.75 2.86 0.00	64.81 4.56 -5.95	64.12 4.33 -6.31	54.86 3.34 -0.05	49.95 2.29 0.00	42.35 1.98 0.00	37.95 1.74 0.00	35.79 1.82 -1.52	32.33 1.70 -1.85
ARTHUR_KILL_COGEN 323718	30.43 2.10 -0.01	28.41 2.06 -0.26	28.26 1.83 -0.65	27.24 1.71 0.00	27.08 1.58 0.00	27.33 1.50 0.00	29.45 1.95 0.00	31.52 2.08 -0.95	33.90 2.15 -0.53	35.38 2.60 0.48	35.56 2.53 0.72	38.74 2.50 0.01	40.95 2.82 0.01	42.98 2.74 0.01	48.38 3.21 0.01	49.97 3.09 0.01	65.57 5.32 -5.94	64.92 5.13 -6.30	55.52 4.02 -0.04	50.32 2.67 0.01	42.75 2.38 0.01	38.23 2.03 0.00	36.32 2.34 -1.52	32.80 2.16 -1.85
ASHOKAN____ 23654	29.57 1.24 0.00	27.37 0.99 -0.28	27.08 0.57 -0.74	26.65 1.12 0.00	26.52 1.02 0.00	26.86 1.03 0.00	28.82 1.32 0.00	30.34 0.77 -1.08	32.95 1.12 -0.61	34.89 1.63 0.00	35.28 1.52 0.00	37.66 1.41 0.00	39.66 1.53 0.00	41.66 1.41 0.00	47.16 1.99 0.00	49.23 2.34 0.00	65.37 2.17 -8.89	65.27 2.35 -9.44	53.55 2.01 -0.08	49.91 2.24 0.00	42.35 1.98 0.00	37.91 1.70 0.00	35.78 1.04 -2.29	32.40 0.84 -2.79

ASTORIA_EAST_ENERGY_CC1 323581	30.31 1.98 -0.01	28.28 1.93 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	26.98 1.48 0.00	27.17 1.34 0.00	29.37 1.87 0.00	31.55 2.11 -0.95	33.88 2.12 -0.54	35.86 2.60 0.00	36.16 2.40 -0.01	38.64 2.39 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.66 4.92 -6.26	55.32 3.81 -0.05	50.19 2.52 0.00	42.47 2.10 0.00	38.05 1.85 0.00	36.22 2.24 -1.52	32.68 2.04 -1.85
ASTORIA_EAST_ENERGY_CC2 323582	30.31 1.98 -0.01	28.28 1.93 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	26.98 1.48 0.00	27.17 1.34 0.00	29.37 1.87 0.00	31.55 2.11 -0.95	33.88 2.12 -0.54	35.86 2.60 0.00	36.16 2.40 -0.01	38.64 2.39 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.66 4.92 -6.26	55.32 3.81 -0.05	50.19 2.52 0.00	42.47 2.10 0.00	38.05 1.85 0.00	36.22 2.24 -1.52	32.68 2.04 -1.85
ASTORIA_GT2_1 24094	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT2_2 24095	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT2_3 24096	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT2_4 24097	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT3_1 24098	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT3_2 24099	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT3_3 24100	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT3_4 24101	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT4_1 24102	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT4_2 24103	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT4_3 24104	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT4_4 24105	30.40 2.07 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.17 1.34 0.00	29.40 1.90 0.00	31.57 2.14 -0.95	33.91 2.15 -0.54	35.83 2.56 0.00	36.23 2.46 -0.01	38.72 2.47 0.00	40.65 2.52 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.79 2.91 0.00	65.31 5.10 -5.90	64.77 5.03 -6.26	55.43 3.91 -0.05	50.24 2.57 0.00	42.51 2.14 0.00	38.16 1.96 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
ASTORIA_GT_1 23523	30.37 2.04 -0.01	28.34 1.98 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.03 1.53 0.00	27.22 1.39 0.00	29.45 1.95 0.00	31.60 2.16 -0.95	33.94 2.18 -0.54	35.96 2.69 0.00	36.26 2.50 -0.01	38.72 2.47 0.00	40.76 2.63 0.00	42.90 2.66 0.00	48.38 3.21 0.00	49.93 3.05 0.00	65.47 5.27 -5.90	64.88 5.13 -6.26	55.48 3.96 -0.05	50.28 2.62 0.00	42.59 2.22 0.00	38.16 1.95 0.00	36.32 2.34 -1.52	32.77 2.13 -1.85

ASTORIA_GT_10 24110	30.29 1.95 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.00 2.25 -0.54	35.86 2.59 0.00	36.33 2.57 -0.01	38.75 2.50 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	49.98 3.09 0.00	65.31 5.10 -5.90	64.66 4.92 -6.26	55.38 3.86 -0.05	50.33 2.67 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.25 2.27 -1.52	32.71 2.07 -1.85
ASTORIA_GT_11 24225	30.29 1.95 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.00 2.25 -0.54	35.86 2.59 0.00	36.33 2.57 -0.01	38.75 2.50 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	49.98 3.09 0.00	65.31 5.10 -5.90	64.66 4.92 -6.26	55.38 3.86 -0.05	50.33 2.67 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.25 2.27 -1.52	32.71 2.07 -1.85
ASTORIA_GT_12 24226	30.17 1.84 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.01 2.25 -0.54	35.93 2.66 0.00	36.30 2.53 -0.01	38.72 2.47 0.00	40.80 2.67 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.26 5.05 -5.90	64.66 4.92 -6.26	55.32 3.81 -0.05	50.24 2.57 0.00	42.63 2.26 0.00	38.16 1.95 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
ASTORIA_GT_13 24227	30.17 1.84 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.01 2.25 -0.54	35.93 2.66 0.00	36.30 2.53 -0.01	38.72 2.47 0.00	40.80 2.67 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.26 5.05 -5.90	64.66 4.92 -6.26	55.32 3.81 -0.05	50.24 2.57 0.00	42.63 2.26 0.00	38.16 1.95 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
ASTORIA_GT_5 24106	30.37 2.04 -0.01	28.34 1.98 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.03 1.53 0.00	27.22 1.39 0.00	29.45 1.95 0.00	31.60 2.16 -0.95	33.94 2.18 -0.54	35.96 2.69 0.00	36.26 2.50 -0.01	38.72 2.47 0.00	40.76 2.63 0.00	42.90 2.66 0.00	48.38 3.21 0.00	49.93 3.05 0.00	65.47 5.27 -5.90	64.88 5.13 -6.26	55.48 3.96 -0.05	50.28 2.62 0.00	42.59 2.22 0.00	38.16 1.95 0.00	36.32 2.34 -1.52	32.77 2.13 -1.85
ASTORIA_GT_7 24107	30.37 2.04 -0.01	28.34 1.98 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.03 1.53 0.00	27.22 1.39 0.00	29.45 1.95 0.00	31.60 2.16 -0.95	33.94 2.18 -0.54	35.96 2.69 0.00	36.26 2.50 -0.01	38.72 2.47 0.00	40.76 2.63 0.00	42.90 2.66 0.00	48.38 3.21 0.00	49.93 3.05 0.00	65.47 5.27 -5.90	64.88 5.13 -6.26	55.48 3.96 -0.05	50.28 2.62 0.00	42.59 2.22 0.00	38.16 1.95 0.00	36.32 2.34 -1.52	32.77 2.13 -1.85
ASTORIA_GT_8 24108	30.46 2.12 -0.01	28.34 1.98 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.03 1.53 0.00	27.22 1.39 0.00	29.45 1.95 0.00	31.60 2.17 -0.95	33.94 2.19 -0.54	35.89 2.63 0.00	36.30 2.53 -0.01	38.79 2.54 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.43 3.25 0.00	49.93 3.05 0.00	65.47 5.27 -5.90	64.88 5.13 -6.26	55.58 4.07 -0.05	50.38 2.72 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.35 2.37 -1.52	32.79 2.16 -1.85
ASTORIA___2 24149	30.31 1.98 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.20 1.37 0.00	29.39 1.90 0.00	31.58 2.14 -0.95	33.91 2.15 -0.54	35.89 2.63 0.00	36.20 2.43 -0.01	38.64 2.39 0.00	40.69 2.56 0.00	42.79 2.54 0.00	48.29 3.11 0.00	49.84 2.96 0.00	65.31 5.10 -5.90	64.72 4.97 -6.26	55.38 3.86 -0.05	50.19 2.52 0.00	42.51 2.14 0.00	38.09 1.88 0.00	36.22 2.24 -1.52	32.71 2.07 -1.85
ASTORIA___3 23516	30.17 1.84 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.01 2.25 -0.54	35.93 2.66 0.00	36.30 2.53 -0.01	38.72 2.47 0.00	40.80 2.67 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.26 5.05 -5.90	64.66 4.92 -6.26	55.32 3.81 -0.05	50.24 2.57 0.00	42.63 2.26 0.00	38.16 1.95 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
ASTORIA___4 23517	30.29 1.95 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.00 2.25 -0.54	35.86 2.59 0.00	36.33 2.57 -0.01	38.75 2.50 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	49.98 3.09 0.00	65.31 5.10 -5.90	64.66 4.92 -6.26	55.38 3.86 -0.05	50.29 2.62 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.25 2.27 -1.52	32.71 2.07 -1.85
ASTORIA___5 23518	30.17 1.84 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.01 2.25 -0.54	35.93 2.66 0.00	36.30 2.53 -0.01	38.72 2.47 0.00	40.80 2.67 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.26 5.05 -5.90	64.66 4.92 -6.26	55.32 3.81 -0.05	50.24 2.57 0.00	42.63 2.26 0.00	38.16 1.95 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
AST_ENERGY_2_CC3 323677	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.34 1.84 0.00	31.43 1.99 -0.95	33.91 2.15 -0.54	35.76 2.50 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.59 2.22 0.00	38.13 1.92 0.00	35.99 2.01 -1.52	32.47 1.84 -1.85
AST_ENERGY_2_CC4 323678	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.34 1.84 0.00	31.43 1.99 -0.95	33.91 2.15 -0.54	35.76 2.50 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.59 2.22 0.00	38.13 1.92 0.00	35.99 2.01 -1.52	32.47 1.84 -1.85
ATHENS_STG_1 23668	29.49 1.16 0.00	27.55 1.18 -0.28	27.62 1.11 -0.73	26.60 1.07 0.00	26.49 0.99 0.00	26.89 1.06 0.00	28.74 1.24 0.00	30.84 1.28 -1.07	33.23 1.41 -0.61	34.79 1.53 0.00	35.14 1.38 0.00	37.55 1.30 0.00	39.58 1.45 0.00	41.57 1.33 0.00	46.76 1.58 0.00	48.53 1.64 0.00	63.01 2.45 -6.26	62.59 2.46 -6.65	53.47 1.96 -0.05	49.09 1.43 0.00	41.70 1.33 0.00	37.44 1.23 0.00	35.33 1.26 -1.61	31.98 1.24 -1.96
ATHENS_STG_2 23670	29.49 1.16 0.00	27.55 1.18 -0.28	27.62 1.11 -0.73	26.60 1.07 0.00	26.49 0.99 0.00	26.89 1.06 0.00	28.74 1.24 0.00	30.84 1.28 -1.07	33.23 1.41 -0.61	34.79 1.53 0.00	35.14 1.38 0.00	37.55 1.30 0.00	39.58 1.45 0.00	41.57 1.33 0.00	46.76 1.58 0.00	48.53 1.64 0.00	63.01 2.45 -6.26	62.59 2.46 -6.65	53.47 1.96 -0.05	49.09 1.43 0.00	41.70 1.33 0.00	37.44 1.23 0.00	35.33 1.26 -1.61	31.98 1.24 -1.96

ATHENS_STG_3 23677	29.49 1.16 0.00	27.55 1.18 -0.28	27.62 1.11 -0.73	26.60 1.07 0.00	26.49 0.99 0.00	26.89 1.06 0.00	28.74 1.24 0.00	30.84 1.28 -1.07	33.23 1.41 -0.61	34.79 1.53 0.00	35.14 1.38 0.00	37.55 1.30 0.00	39.58 1.45 0.00	41.57 1.33 0.00	46.76 1.58 0.00	48.53 1.64 0.00	63.01 2.45 -6.26	62.59 2.46 -6.65	53.47 1.96 -0.05	49.09 1.43 0.00	41.70 1.33 0.00	37.44 1.23 0.00	35.33 1.26 -1.61	31.98 1.24 -1.96
AUBURN____LFGE 323710	28.58 0.25 0.00	26.28 0.16 -0.03	25.83 -0.03 -0.08	25.37 -0.15 0.00	25.40 -0.10 0.00	26.01 0.18 0.00	27.83 0.33 0.00	28.94 0.34 -0.11	31.63 0.34 -0.06	33.73 0.47 0.00	34.23 0.47 0.00	36.94 0.69 0.00	38.74 0.61 0.00	41.13 0.89 0.00	46.08 0.90 0.00	48.38 1.08 -0.42	58.50 1.74 -2.46	58.02 2.14 -2.41	54.61 1.80 -1.34	49.86 1.48 -0.72	41.50 1.13 0.00	37.44 1.23 0.00	33.45 0.81 -0.18	29.69 0.69 -0.21
BABYLON_RES_REC 323704	47.26 2.66 -16.28	36.93 2.51 -8.33	30.10 2.27 -2.05	29.53 2.17 -1.84	29.91 2.12 -2.29	28.07 2.22 -0.02	30.33 2.72 -0.11	33.71 2.91 -2.31	38.18 3.12 -3.83	46.18 3.59 -9.33	45.43 3.27 -8.40	46.83 3.26 -7.31	54.45 3.16 -13.15	57.64 3.22 -14.17	61.25 3.53 -12.55	67.55 3.66 -17.00	68.31 5.32 -8.69	68.62 5.35 -9.79	60.80 4.53 -4.81	54.48 3.62 -3.19	48.85 3.23 -5.24	46.50 3.19 -7.11	43.70 3.25 -8.00	40.26 2.94 -8.54
BABYLON__69_KV_BK2 356345	47.74 3.14 -16.28	37.29 2.87 -8.33	30.41 2.58 -2.05	29.84 2.48 -1.84	30.24 2.45 -2.29	28.38 2.53 -0.02	30.66 3.05 -0.11	34.07 3.28 -2.31	38.68 3.62 -3.83	46.75 4.16 -9.33	46.86 3.92 -9.18	48.78 3.92 -8.62	56.10 4.08 -13.89	59.31 4.27 -14.79	62.56 4.83 -12.55	68.81 4.92 -17.00	73.52 6.68 -12.54	74.91 6.68 -14.74	68.74 5.82 -11.46	59.90 4.62 -7.61	53.17 4.20 -8.60	48.84 3.80 -8.83	44.97 3.83 -8.68	40.78 3.45 -8.55
BARON_WINDS____WT_PWR 323822	28.80 0.48 0.00	26.07 -0.08 -0.05	25.34 -0.57 -0.13	24.86 -0.66 0.00	24.86 -0.64 0.00	25.80 -0.03 0.00	27.55 0.06 0.00	28.37 -0.31 -0.19	30.99 -0.34 -0.11	33.33 0.07 0.00	33.86 0.10 0.00	36.94 0.69 0.00	38.59 0.46 0.00	40.93 0.68 0.00	45.54 0.36 0.00	47.22 0.24 -0.10	56.79 0.82 -1.67	56.70 1.50 -1.73	52.71 0.93 -0.31	48.69 0.86 -0.16	40.94 0.56 0.00	37.08 0.87 0.00	33.27 0.49 -0.33	29.53 0.35 -0.40
BARRETT_IC_1 23704	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_10 23701	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_11 23702	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_12 23703	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_2 23705	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_3 23706	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_4 23707	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_5 23708	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_6 23709	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_7 23710	46.87 2.27 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.34 2.76 -9.32	44.16 2.53 -7.87	45.16 2.47 -6.44	53.42 2.63 -12.66	56.62 2.62 -13.76	60.80 3.07 -12.55	67.03 3.14 -17.00	65.19 4.78 -6.11	64.72 4.76 -6.48	55.79 3.96 -0.36	50.86 2.96 -0.24	46.34 2.54 -3.43	44.40 2.24 -5.95	42.43 2.43 -7.53	39.56 2.24 -8.53

BARRETT_IC_8 23711	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT_IC_9 23700	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT___1 23545	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BARRETT___2 23546	46.75 2.15 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.15 1.79 -1.84	29.48 1.68 -2.29	27.68 1.83 -0.02	29.84 2.23 -0.11	33.07 2.28 -2.30	37.45 2.40 -3.83	45.38 2.79 -9.32	44.09 2.46 -7.87	45.12 2.43 -6.44	53.46 2.67 -12.66	56.62 2.61 -13.76	60.79 3.07 -12.54	67.02 3.14 -16.99	65.12 4.72 -6.10	64.72 4.76 -6.48	55.68 3.86 -0.35	50.86 2.96 -0.24	46.30 2.50 -3.43	44.37 2.21 -5.95	42.36 2.37 -7.53	39.53 2.22 -8.53
BATAVIA___115KV_TB1 55881	28.75 0.42 0.00	26.21 0.08 -0.03	25.45 -0.41 -0.09	24.73 -0.79 0.00	24.73 -0.77 0.00	25.88 0.05 0.00	27.58 0.08 0.00	28.47 -0.14 -0.13	31.07 -0.22 -0.07	33.23 -0.03 0.00	33.59 -0.17 0.00	36.98 0.73 0.00	38.28 0.15 0.00	40.81 0.56 0.00	45.31 0.14 0.00	46.89 0.00 0.00	55.46 0.38 -0.78	55.37 1.07 -0.83	52.30 0.82 -0.01	48.48 0.81 0.00	40.90 0.52 0.00	37.19 0.98 0.00	33.08 0.42 -0.20	29.34 0.32 -0.24
BAYONEEC___CTG1 323682	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG10 323750	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG2 323683	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG3 323684	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG4 323685	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG5 323686	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG6 323687	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG7 323688	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG8 323689	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85
BAYONEEC___CTG9 323749	29.99 1.67 0.00	28.04 1.70 -0.25	27.90 1.47 -0.65	26.90 1.38 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.37 1.87 0.00	31.46 2.02 -0.95	33.94 2.18 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.25 3.07 0.00	49.93 3.05 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.13 1.92 0.00	35.95 1.98 -1.52	32.47 1.84 -1.85

BEACON___LESR 323632	29.57 1.24 0.00	27.67 1.25 -0.32	27.77 1.16 -0.83	26.70 1.17 0.00	26.62 1.12 0.00	26.99 1.16 0.00	28.85 1.35 0.00	31.10 1.40 -1.22	33.50 1.59 -0.69	34.83 1.56 0.00	35.38 1.62 0.00	37.84 1.59 0.00	39.85 1.72 0.00	41.94 1.69 0.00	47.30 2.12 0.00	49.23 2.34 0.00	70.08 2.98 -12.80	70.05 2.99 -13.58	54.20 2.62 -0.11	49.76 2.09 0.00	42.27 1.90 0.00	37.95 1.74 0.00	37.37 1.62 -3.29	34.23 1.44 -4.01
BEAVER RIVER___HYD 24048	28.15 -0.17 0.00	25.84 -0.26 -0.01	25.54 -0.26 -0.02	25.22 -0.31 0.00	25.17 -0.33 0.00	25.60 -0.23 0.00	27.17 -0.33 0.00	28.15 -0.37 -0.04	30.68 -0.56 -0.02	32.70 -0.57 0.00	33.35 -0.40 0.00	35.78 -0.47 0.00	37.71 -0.42 0.00	39.89 -0.36 0.00	44.77 -0.41 0.00	47.00 -0.14 -0.26	55.06 -0.32 -1.08	54.66 0.16 -1.02	52.69 0.41 -0.81	48.77 0.67 -0.44	40.86 0.49 0.00	36.28 0.07 0.00	32.46 0.00 0.00	28.64 -0.14 0.00
BEEBEE_GT_13 23619	28.35 0.03 0.00	26.05 -0.08 -0.03	25.47 -0.39 -0.07	24.79 -0.74 0.00	24.79 -0.71 0.00	25.67 -0.15 0.00	27.39 -0.11 0.00	28.46 -0.14 -0.11	31.09 -0.19 -0.06	33.06 -0.20 0.00	33.49 -0.27 0.00	36.61 0.36 0.00	38.06 -0.08 0.00	40.49 0.24 0.00	45.13 -0.05 0.00	46.84 -0.05 0.00	55.27 0.33 -0.64	55.02 0.86 -0.68	52.04 0.57 -0.01	48.19 0.52 0.00	40.65 0.28 0.00	36.86 0.65 0.00	32.82 0.19 -0.17	29.16 0.17 -0.20
BENSHRST_27_KV_BENSHRST_1 355998	30.60 2.27 -0.01	28.47 2.11 -0.26	28.31 1.88 -0.65	27.29 1.76 0.00	27.16 1.66 0.00	27.43 1.60 0.00	29.62 2.12 0.00	31.75 2.31 -0.95	34.25 2.50 -0.54	36.16 2.89 0.00	36.73 2.97 -0.01	39.19 2.94 0.00	41.30 3.16 0.00	43.55 3.30 0.00	48.93 3.75 0.00	50.50 3.61 0.00	66.17 5.86 -6.01	65.57 5.72 -6.37	56.10 4.58 -0.05	50.91 3.24 0.00	43.20 2.83 0.00	38.71 2.50 0.00	36.68 2.69 -1.52	33.05 2.42 -1.85
BETHLEHEM___GRP 23843	29.17 0.85 0.00	27.28 0.86 -0.32	27.41 0.80 -0.83	26.34 0.82 0.00	26.29 0.79 0.00	26.63 0.80 0.00	28.43 0.93 0.00	30.68 0.97 -1.22	32.97 1.06 -0.69	34.16 0.90 0.00	34.70 0.95 0.00	37.12 0.87 0.00	39.05 0.92 0.00	41.05 0.80 0.00	46.31 1.13 0.00	48.06 1.17 0.00	68.72 1.74 -12.68	68.70 1.76 -13.45	53.02 1.44 -0.11	48.71 1.05 0.00	41.34 0.97 0.00	37.15 0.94 0.00	36.66 0.94 -3.26	33.62 0.86 -3.97
BETHLEHEM___GS1 323560	29.15 0.82 0.00	27.28 0.86 -0.32	27.41 0.80 -0.83	26.34 0.82 0.00	26.29 0.79 0.00	26.63 0.80 0.00	28.43 0.94 0.00	30.68 0.97 -1.22	32.97 1.06 -0.69	34.26 1.00 0.00	34.74 0.98 0.00	37.16 0.91 0.00	39.12 0.99 0.00	41.13 0.88 0.00	46.35 1.17 0.00	48.15 1.27 0.00	68.77 1.79 -12.68	68.76 1.82 -13.46	53.07 1.49 -0.11	48.76 1.10 0.00	41.42 1.05 0.00	37.19 0.98 0.00	36.66 0.94 -3.26	33.65 0.89 -3.97
BETHLEHEM___GS2 323561	29.15 0.82 0.00	27.28 0.86 -0.32	27.41 0.80 -0.83	26.34 0.82 0.00	26.29 0.79 0.00	26.63 0.80 0.00	28.43 0.94 0.00	30.68 0.97 -1.22	32.97 1.06 -0.69	34.26 1.00 0.00	34.74 0.98 0.00	37.16 0.91 0.00	39.12 0.99 0.00	41.13 0.88 0.00	46.35 1.17 0.00	48.15 1.27 0.00	68.77 1.79 -12.68	68.76 1.82 -13.46	53.07 1.49 -0.11	48.76 1.10 0.00	41.42 1.05 0.00	37.19 0.98 0.00	36.66 0.94 -3.26	33.65 0.89 -3.97
BETHLEHEM___GS3 323562	29.15 0.82 0.00	27.28 0.86 -0.32	27.41 0.80 -0.83	26.34 0.82 0.00	26.29 0.79 0.00	26.63 0.80 0.00	28.43 0.94 0.00	30.68 0.97 -1.22	32.97 1.06 -0.69	34.26 1.00 0.00	34.74 0.98 0.00	37.16 0.91 0.00	39.12 0.99 0.00	41.13 0.88 0.00	46.35 1.17 0.00	48.15 1.27 0.00	68.77 1.79 -12.68	68.76 1.82 -13.46	53.07 1.49 -0.11	48.76 1.10 0.00	41.42 1.05 0.00	37.19 0.98 0.00	36.66 0.94 -3.26	33.65 0.89 -3.97
BETHLEHEM___STEEL 23779	28.52 0.20 0.00	25.87 -0.26 -0.04	25.03 -0.85 -0.10	24.50 -1.02 0.00	24.53 -0.97 0.00	25.67 -0.15 0.00	27.36 -0.14 0.00	28.01 -0.63 -0.15	30.52 -0.78 -0.08	33.20 -0.07 0.00	33.49 -0.27 0.00	36.94 0.69 0.00	38.21 0.08 0.00	40.77 0.52 0.00	45.09 -0.09 0.00	46.56 -0.33 0.00	55.34 0.11 -0.93	55.27 0.80 -0.99	51.78 0.31 -0.01	47.86 0.19 0.00	40.37 0.00 0.00	36.68 0.47 0.00	32.76 0.06 -0.24	28.99 -0.09 -0.29
BETHLHEM_115KV_TB1 79974	29.23 0.91 0.00	27.33 0.91 -0.32	27.46 0.85 -0.83	26.39 0.87 0.00	26.32 0.82 0.00	26.68 0.85 0.00	28.49 0.99 0.00	30.73 1.03 -1.22	33.03 1.12 -0.69	34.26 1.00 0.00	34.77 1.01 0.00	37.19 0.94 0.00	39.12 0.99 0.00	41.17 0.93 0.00	46.40 1.22 0.00	48.15 1.27 0.00	68.51 1.85 -12.36	68.47 1.87 -13.12	53.12 1.54 -0.11	48.81 1.14 0.00	41.42 1.05 0.00	37.22 1.01 0.00	36.64 1.01 -3.18	33.57 0.92 -3.87
BETHPAGE_CC_5 323564	46.92 2.32 -16.28	36.69 2.27 -8.33	29.89 2.06 -2.05	29.36 1.99 -1.84	29.73 1.94 -2.29	27.89 2.04 -0.02	30.11 2.50 -0.11	33.48 2.68 -2.31	37.87 2.81 -3.83	45.78 3.19 -9.32	44.81 2.94 -8.12	46.05 2.94 -6.86	54.15 3.13 -12.89	57.43 3.22 -13.96	61.47 3.75 -12.55	67.73 3.85 -17.00	67.12 5.48 -7.34	67.05 5.51 -8.06	58.52 4.58 -2.48	52.84 3.53 -1.65	47.73 3.07 -4.29	45.43 2.72 -6.50	43.01 2.79 -7.76	39.92 2.59 -8.54
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.58 0.25 0.00	25.87 -0.26 -0.04	25.00 -0.88 -0.10	24.56 -0.97 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.39 -0.11 0.00	27.98 -0.66 -0.15	30.52 -0.78 -0.08	33.30 0.03 0.00	33.59 -0.17 0.00	37.09 0.83 0.00	38.36 0.23 0.00	40.93 0.68 0.00	45.31 0.14 0.00	46.79 -0.09 0.00	55.63 0.38 -0.95	55.55 1.07 -1.01	51.99 0.51 -0.01	48.00 0.33 0.00	40.49 0.12 0.00	36.75 0.54 0.00	32.83 0.13 -0.24	29.05 -0.03 -0.30
BINGHAMTON___COGEN 23790	28.66 0.34 0.00	26.33 0.16 -0.07	25.89 -0.08 -0.19	25.40 -0.13 0.00	25.40 -0.10 0.00	26.01 0.18 0.00	27.80 0.30 0.00	28.94 0.17 -0.28	31.60 0.22 -0.16	33.73 0.47 0.00	34.16 0.41 0.00	36.94 0.69 0.00	38.70 0.57 0.00	41.05 0.80 0.00	45.94 0.77 0.00	47.86 0.80 -0.18	58.32 1.30 -2.71	57.93 1.66 -2.79	53.33 1.29 -0.58	48.92 0.95 -0.31	41.14 0.77 0.00	37.04 0.83 0.00	33.61 0.65 -0.50	29.88 0.49 -0.61
BIXINCNT_115KV_LOAD 355685	28.66 0.34 0.00	25.82 -0.31 -0.04	24.91 -0.98 -0.11	24.58 -0.94 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.44 -0.05 0.00	27.91 -0.74 -0.16	30.50 -0.81 -0.09	33.43 0.17 0.00	33.86 0.10 0.00	37.34 1.09 0.00	38.67 0.53 0.00	41.25 1.01 0.00	45.67 0.50 0.00	47.12 0.23 0.00	56.02 0.71 -1.01	55.94 1.39 -1.08	52.30 0.82 -0.01	48.05 0.38 0.00	40.57 0.20 0.00	36.68 0.47 0.00	32.78 0.06 -0.26	29.01 -0.09 -0.32
BLACK RIVER___HYD 24047	28.18 -0.14 0.00	25.82 -0.29 -0.01	25.47 -0.34 -0.03	25.09 -0.43 0.00	25.04 -0.46 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.20 -0.34 -0.05	30.62 -0.62 -0.03	32.67 -0.60 0.00	33.39 -0.37 0.00	35.89 -0.36 0.00	37.87 -0.27 0.00	40.05 -0.20 0.00	45.00 -0.18 0.00	47.53 0.24 -0.40	56.23 0.22 -1.71	56.11 1.01 -1.62	53.93 1.18 -1.29	49.79 1.43 -0.70	41.50 1.13 0.00	36.75 0.54 0.00	32.75 0.29 0.00	28.84 0.06 0.00

BLACKRVR_115KV_TB2 79977	28.15 -0.17 0.00	25.82 -0.29 -0.01	25.48 -0.34 -0.03	25.09 -0.43 0.00	25.07 -0.43 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.19 -0.34 -0.05	30.62 -0.62 -0.03	32.67 -0.60 0.00	33.38 -0.37 0.00	35.89 -0.36 0.00	37.90 -0.23 0.00	40.05 -0.20 0.00	45.00 -0.18 0.00	47.53 0.23 -0.40	56.23 0.22 -1.71	56.11 1.02 -1.62	53.93 1.18 -1.28	49.79 1.43 -0.70	41.50 1.13 0.00	36.71 0.51 0.00	32.72 0.26 0.00	28.84 0.06 0.00
BLISS_WT_PWR 323608	28.98 0.65 0.00	25.83 -0.31 -0.04	24.91 -0.98 -0.11	24.58 -0.94 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.44 -0.05 0.00	27.91 -0.74 -0.16	30.44 -0.87 -0.09	33.30 0.03 0.00	33.96 0.20 0.00	37.38 1.13 0.00	38.93 0.80 0.00	41.21 0.96 0.00	45.67 0.50 0.00	47.03 0.14 0.00	56.07 0.76 -1.01	56.10 1.55 -1.07	52.35 0.87 -0.01	48.19 0.53 0.00	40.66 0.28 0.00	36.71 0.51 0.00	32.75 0.03 -0.26	29.04 -0.06 -0.32
BLUE_CIRC_CHEM_DRP 24182	29.60 1.27 0.00	27.64 1.23 -0.31	27.78 1.19 -0.82	26.70 1.17 0.00	26.65 1.15 0.00	26.99 1.16 0.00	28.79 1.29 0.00	31.02 1.34 -1.20	33.36 1.47 -0.68	34.63 1.36 0.00	35.14 1.38 0.00	37.63 1.38 0.00	39.58 1.45 0.00	41.62 1.37 0.00	46.94 1.76 0.00	48.72 1.83 0.00	67.63 2.44 -10.89	67.50 2.46 -11.56	53.77 2.21 -0.09	49.48 1.81 0.00	42.03 1.66 0.00	37.76 1.56 0.00	36.72 1.46 -2.80	33.55 1.35 -3.41
BOC_GAS_DRP 24189	29.34 1.02 0.00	27.41 0.99 -0.32	27.56 0.95 -0.83	26.47 0.94 0.00	26.39 0.89 0.00	26.73 0.90 0.00	28.54 1.04 0.00	30.78 1.08 -1.21	33.09 1.19 -0.69	34.43 1.16 0.00	34.90 1.15 0.00	37.34 1.09 0.00	39.31 1.18 0.00	41.33 1.09 0.00	46.53 1.36 0.00	48.29 1.41 0.00	66.92 2.01 -10.61	66.77 2.03 -11.26	53.26 1.70 -0.09	48.95 1.29 0.00	41.54 1.17 0.00	37.29 1.09 0.00	36.29 1.10 -2.73	33.14 1.04 -3.32
BOONVILLE_115KV_TB1 79983	28.66 0.34 0.00	26.34 0.23 -0.01	25.98 0.18 -0.02	25.65 0.13 0.00	25.63 0.13 0.00	26.09 0.26 0.00	27.80 0.30 0.00	28.89 0.37 -0.03	31.67 0.44 -0.02	33.83 0.57 0.00	34.40 0.64 0.00	36.98 0.73 0.00	38.97 0.84 0.00	41.25 1.01 0.00	46.40 1.22 0.00	48.39 1.41 -0.09	56.17 1.47 -0.40	55.62 1.76 -0.38	53.52 1.75 -0.30	49.40 1.57 -0.16	41.66 1.29 0.00	37.04 0.83 0.00	33.11 0.65 0.00	29.21 0.43 0.00
BORALEX_4TH_BRANCH 23824	30.19 1.87 0.00	28.21 1.80 -0.32	28.31 1.70 -0.83	27.16 1.64 0.00	27.08 1.58 0.00	27.51 1.68 0.00	29.45 1.95 0.00	31.69 1.99 -1.21	34.09 2.18 -0.69	35.53 2.26 0.00	35.98 2.23 0.00	38.50 2.25 0.00	40.46 2.33 0.00	42.54 2.29 0.00	47.80 2.62 0.00	49.75 2.86 0.00	73.00 3.58 -15.12	73.21 3.69 -16.04	54.89 3.30 -0.13	50.33 2.67 0.00	42.79 2.42 0.00	38.45 2.25 0.00	38.49 2.14 -3.89	35.47 1.96 -4.74
BOWLINE___1 23526	29.65 1.33 0.00	27.69 1.36 -0.24	27.56 1.16 -0.62	26.65 1.12 0.00	26.52 1.02 0.00	26.96 1.14 0.00	28.98 1.48 0.00	30.97 1.57 -0.91	33.45 1.72 -0.52	35.23 1.96 0.00	35.58 1.82 0.00	38.03 1.78 0.00	40.11 1.98 0.00	42.22 1.97 0.00	47.52 2.35 0.00	49.32 2.44 0.00	63.82 3.86 -5.66	63.23 3.74 -6.01	54.39 2.88 -0.05	49.62 1.96 0.00	42.15 1.77 0.00	37.73 1.52 0.00	35.50 1.59 -1.46	32.05 1.50 -1.77
BOWLINE___2 23595	29.71 1.39 0.00	27.74 1.41 -0.24	27.61 1.21 -0.62	26.68 1.15 0.00	26.57 1.07 0.00	26.99 1.16 0.00	29.04 1.54 0.00	31.02 1.62 -0.91	33.48 1.75 -0.52	35.29 2.03 0.00	35.64 1.89 0.00	38.10 1.85 0.00	40.19 2.06 0.00	42.30 2.05 0.00	47.61 2.44 0.00	49.42 2.53 0.00	63.92 3.96 -5.66	63.28 3.80 -6.01	54.50 2.98 -0.05	49.71 2.05 0.00	42.19 1.82 0.00	37.80 1.59 0.00	35.57 1.65 -1.46	32.11 1.55 -1.77
BRADY___115KV_TB2 356060	28.35 0.03 0.00	26.10 0.00 0.00	25.96 0.18 0.00	25.76 0.23 0.00	25.78 0.28 0.00	25.93 0.10 0.00	27.42 -0.08 0.00	28.35 -0.14 0.00	31.06 -0.16 0.00	33.10 -0.17 0.00	33.65 -0.10 0.00	36.03 -0.22 0.00	38.17 0.04 0.00	40.05 -0.20 0.00	44.81 -0.36 0.00	46.61 -0.28 0.00	53.27 -1.03 0.00	52.25 -1.23 0.00	50.85 -0.62 0.00	47.52 -0.14 0.00	40.21 -0.16 0.00	35.92 -0.29 0.00	32.26 -0.19 0.00	28.52 -0.26 0.00
BRANSCOMB___SOLAR 323811	30.11 1.79 0.00	28.17 1.75 -0.33	28.29 1.65 -0.86	27.13 1.61 0.00	27.06 1.56 0.00	27.43 1.60 0.00	29.31 1.81 0.00	31.51 1.77 -1.26	33.96 2.03 -0.71	35.36 2.10 0.00	35.85 2.09 0.00	38.39 2.14 0.00	40.38 2.25 0.00	42.42 2.17 0.00	47.84 2.66 0.00	49.84 2.96 0.00	76.26 3.69 -18.27	76.50 3.64 -19.39	55.22 3.60 -0.16	50.76 3.10 0.00	43.40 3.03 0.00	38.92 2.72 0.00	39.59 2.44 -4.70	36.63 2.13 -5.72
BRENTWOD_69_KV_W. BRTWOOD 56703	47.60 3.00 -16.28	37.16 2.74 -8.33	30.28 2.45 -2.05	29.74 2.37 -1.84	30.11 2.32 -2.29	28.25 2.40 -0.02	30.55 2.94 -0.11	33.93 3.13 -2.31	38.49 3.43 -3.84	46.55 3.96 -9.33	46.58 3.61 -9.21	48.46 3.55 -8.66	55.78 3.74 -13.91	58.84 3.78 -14.81	61.93 4.20 -12.55	68.02 4.13 -17.00	72.77 5.81 -12.66	74.21 5.83 -14.90	68.14 4.99 -11.68	59.37 3.96 -7.75	58.97 3.84 -14.77	48.54 3.44 -8.89	44.76 3.60 -8.70	40.61 3.28 -8.55
BRISTLHL_115KV_TB1 79998	27.67 -0.65 0.00	25.46 -0.65 -0.02	25.08 -0.75 -0.05	24.71 -0.82 0.00	24.71 -0.79 0.00	25.18 -0.65 0.00	26.89 -0.60 0.00	27.93 -0.63 -0.07	30.61 -0.66 -0.04	32.53 -0.73 0.00	33.05 -0.71 0.00	35.60 -0.65 0.00	37.41 -0.72 0.00	39.64 -0.60 0.00	44.45 -0.72 0.00	46.98 -0.75 -0.84	57.17 -0.71 -3.57	56.43 -0.43 -3.38	53.58 -0.57 -2.68	48.50 -0.62 -1.45	39.81 -0.57 0.00	35.81 -0.40 0.00	31.97 -0.49 0.00	28.38 -0.40 0.00
BROOKHAVEN___DRP 24191	47.80 3.20 -16.28	37.34 2.92 -8.33	30.46 2.63 -2.05	29.89 2.53 -1.84	30.27 2.47 -2.29	28.43 2.58 -0.02	30.72 3.11 -0.11	34.10 3.30 -2.31	38.68 3.62 -3.83	46.71 4.12 -9.33	51.24 3.81 -13.67	56.06 3.77 -16.04	60.18 3.97 -18.09	62.68 4.11 -18.32	62.39 4.65 -12.56	68.59 4.69 -17.01	95.28 6.46 -34.52	102.93 6.47 -42.98	106.54 5.66 -49.41	85.00 4.53 -32.80	56.90 4.12 -12.41	58.62 3.73 -18.69	48.86 3.83 -12.57	40.85 3.51 -8.55
BROOKLYN_NAVY_YARD 23515	29.97 1.64 0.00	28.02 1.67 -0.25	27.87 1.44 -0.65	26.88 1.35 0.00	26.77 1.27 0.00	27.20 1.37 0.00	29.34 1.84 0.00	31.46 2.02 -0.95	33.97 2.22 -0.54	35.79 2.53 0.00	36.08 2.33 0.00	38.50 2.25 0.00	40.65 2.52 0.00	42.79 2.54 0.00	48.20 3.03 0.00	49.89 3.00 0.00	64.98 4.78 -5.90	64.34 4.60 -6.26	55.12 3.60 -0.05	50.19 2.52 0.00	42.59 2.22 0.00	38.09 1.88 0.00	35.99 2.01 -1.52	32.50 1.87 -1.85
BROOKLYN___ARMY_DRP 323595	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85

BROOKVLE_69_KV_TB1 55790	46.87 2.27 -16.28	36.61 2.19 -8.33	29.79 1.96 -2.05	29.25 1.89 -1.84	29.60 1.81 -2.29	27.76 1.91 -0.02	29.98 2.36 -0.11	33.33 2.54 -2.31	37.80 2.75 -3.83	45.61 3.03 -9.32	44.70 3.00 -7.94	45.89 3.08 -6.56	54.13 3.28 -12.72	57.48 3.42 -13.81	61.70 3.98 -12.55	67.97 4.08 -17.00	66.51 5.76 -6.45	66.07 5.67 -6.92	57.20 4.79 -0.95	51.87 3.57 -0.63	46.87 3.07 -3.43	45.03 2.72 -6.10	42.75 2.69 -7.60	39.74 2.42 -8.54
BROOME_2_LFGE 323671	28.72 0.40 0.00	26.33 0.16 -0.07	25.89 -0.08 -0.19	25.40 -0.13 0.00	25.40 -0.10 0.00	26.04 0.21 0.00	27.80 0.30 0.00	28.94 0.17 -0.28	31.60 0.22 -0.16	33.70 0.43 0.00	34.19 0.44 0.00	36.94 0.69 0.00	38.78 0.65 0.00	41.05 0.80 0.00	45.94 0.77 0.00	47.81 0.75 -0.18	58.32 1.30 -2.72	57.99 1.71 -2.80	53.28 1.23 -0.59	48.98 1.00 -0.31	41.14 0.77 0.00	37.04 0.83 0.00	33.58 0.62 -0.50	29.91 0.52 -0.61
BROOME__LFGE 323600	28.72 0.40 0.00	26.33 0.16 -0.07	25.89 -0.08 -0.19	25.40 -0.13 0.00	25.40 -0.10 0.00	26.04 0.21 0.00	27.80 0.30 0.00	28.94 0.17 -0.28	31.60 0.22 -0.16	33.70 0.43 0.00	34.19 0.44 0.00	36.94 0.69 0.00	38.78 0.65 0.00	41.05 0.80 0.00	45.94 0.77 0.00	47.81 0.75 -0.18	58.32 1.30 -2.72	57.99 1.71 -2.80	53.28 1.23 -0.59	48.98 1.00 -0.31	41.14 0.77 0.00	37.04 0.83 0.00	33.58 0.62 -0.50	29.91 0.52 -0.61
BROWNFLS_115KV_TB_3_5 80003	28.01 -0.31 0.00	25.74 -0.37 -0.01	25.51 -0.28 -0.02	25.24 -0.28 0.00	25.22 -0.28 0.00	25.52 -0.31 0.00	27.00 -0.49 0.00	27.92 -0.60 -0.02	30.45 -0.78 -0.01	32.47 -0.80 0.00	33.08 -0.68 0.00	35.42 -0.83 0.00	37.48 -0.65 0.00	39.40 -0.85 0.00	44.09 -1.08 0.00	46.17 -0.89 -0.18	53.69 -1.36 -0.74	53.00 -1.18 -0.70	51.30 -0.72 -0.56	47.59 -0.38 -0.30	40.01 -0.36 0.00	35.63 -0.58 0.00	31.97 -0.49 0.00	28.23 -0.55 0.00
BROWNSV1_27_KV_LOAD 356125	30.39 2.07 0.00	28.28 1.93 -0.25	28.13 1.70 -0.65	27.13 1.61 0.00	27.00 1.50 0.00	27.43 1.60 0.00	29.62 2.12 0.00	31.72 2.28 -0.95	34.25 2.50 -0.54	36.09 2.83 0.00	36.52 2.77 0.00	39.01 2.76 0.00	41.11 2.97 0.00	43.31 3.06 0.00	48.79 3.61 0.00	50.50 3.61 0.00	65.73 5.54 -5.89	65.08 5.35 -6.26	55.84 4.32 -0.05	50.81 3.15 0.00	43.08 2.70 0.00	38.60 2.39 0.00	36.44 2.47 -1.52	32.84 2.22 -1.85
BURROWS__LYONSDAL 23803	28.52 0.20 0.00	26.21 0.10 -0.01	25.85 0.05 -0.02	25.53 0.00 0.00	25.47 -0.03 0.00	25.93 0.10 0.00	27.61 0.11 0.00	28.69 0.17 -0.03	31.43 0.19 -0.02	33.53 0.27 0.00	34.13 0.37 0.00	36.65 0.40 0.00	38.67 0.53 0.00	40.89 0.64 0.00	45.99 0.81 0.00	48.05 1.03 -0.13	55.84 0.98 -0.56	55.35 1.34 -0.53	53.28 1.39 -0.42	49.18 1.29 -0.23	41.42 1.05 0.00	36.82 0.62 0.00	32.91 0.45 0.00	29.07 0.29 0.00
CAITHNESS_CC_1 323624	47.57 2.97 -16.28	37.24 2.82 -8.33	30.36 2.53 -2.05	29.79 2.43 -1.84	30.16 2.37 -2.29	28.33 2.48 -0.02	30.61 3.00 -0.11	33.99 3.19 -2.31	38.55 3.50 -3.83	46.58 3.99 -9.33	50.97 3.58 -13.64	55.76 3.52 -15.99	59.96 3.78 -18.06	62.37 3.83 -18.30	62.12 4.38 -12.56	68.35 4.46 -17.01	94.81 6.13 -34.37	102.41 6.15 -42.79	105.92 5.30 -49.15	84.59 4.29 -32.63	56.62 3.88 -12.37	58.30 3.48 -18.62	48.61 3.60 -12.55	40.64 3.31 -8.55
CALPINE BETH_PAGE_GT4 24209	47.01 2.41 -16.28	36.67 2.24 -8.33	29.92 2.09 -2.05	29.38 2.02 -1.84	29.73 1.94 -2.29	27.89 2.04 -0.02	30.11 2.50 -0.11	33.48 2.68 -2.31	37.83 2.78 -3.83	45.72 3.13 -9.32	44.86 3.00 -8.10	46.07 3.01 -6.81	54.16 3.16 -12.87	57.44 3.26 -13.93	61.52 3.79 -12.55	67.78 3.89 -17.00	67.09 5.59 -7.20	66.93 5.56 -7.89	58.45 4.73 -2.25	52.68 3.53 -1.49	47.49 3.07 -4.05	45.44 2.79 -6.44	43.05 2.86 -7.73	39.91 2.59 -8.54
CALPINE_BETH_PAGE_GT_4 323586	46.92 2.32 -16.28	36.67 2.24 -8.33	29.92 2.09 -2.05	29.38 2.02 -1.84	29.73 1.94 -2.29	27.89 2.04 -0.02	30.11 2.50 -0.11	33.47 2.68 -2.31	37.83 2.78 -3.83	45.78 3.19 -9.32	44.79 2.94 -8.10	46.04 2.97 -6.81	54.16 3.16 -12.87	57.44 3.26 -13.93	61.52 3.80 -12.55	67.78 3.89 -17.00	67.04 5.54 -7.20	66.88 5.51 -7.89	58.35 4.63 -2.25	52.73 3.58 -1.49	47.49 3.07 -4.05	45.40 2.75 -6.44	42.99 2.79 -7.73	39.89 2.56 -8.54
CALPINE_BP_GT1 23823	46.92 2.32 -16.28	36.67 2.24 -8.33	29.92 2.09 -2.05	29.38 2.02 -1.84	29.73 1.94 -2.29	27.89 2.04 -0.02	30.11 2.50 -0.11	33.47 2.68 -2.31	37.83 2.78 -3.83	45.78 3.19 -9.32	44.79 2.94 -8.10	46.04 2.97 -6.81	54.16 3.16 -12.87	57.44 3.26 -13.93	61.52 3.80 -12.55	67.78 3.89 -17.00	67.04 5.54 -7.20	66.88 5.51 -7.89	58.35 4.63 -2.25	52.73 3.58 -1.49	47.49 3.07 -4.05	45.40 2.75 -6.44	42.99 2.79 -7.73	39.89 2.56 -8.54
CALSPAN__DRP 24200	28.52 0.20 0.00	25.87 -0.26 -0.04	25.03 -0.85 -0.10	24.50 -1.02 0.00	24.53 -0.97 0.00	25.67 -0.15 0.00	27.36 -0.14 0.00	28.01 -0.63 -0.15	30.52 -0.78 -0.08	33.20 -0.07 0.00	33.49 -0.27 0.00	36.94 0.69 0.00	38.21 0.08 0.00	40.77 0.52 0.00	45.09 -0.09 0.00	46.56 -0.33 0.00	55.34 0.11 -0.93	55.27 0.80 -0.99	51.78 0.31 -0.01	47.86 0.19 0.00	40.37 0.00 0.00	36.68 0.47 0.00	32.76 0.06 -0.24	28.99 -0.09 -0.29
CALVERTON__SOLAR 323806	47.88 3.28 -16.28	37.50 3.08 -8.33	30.61 2.78 -2.05	30.04 2.68 -1.84	30.42 2.63 -2.29	28.59 2.74 -0.02	30.88 3.27 -0.11	34.27 3.47 -2.31	38.86 3.81 -3.83	46.98 4.39 -9.33	51.42 3.98 -13.68	56.34 4.02 -16.06	60.50 4.27 -18.10	62.97 4.39 -18.33	62.70 4.97 -12.56	68.96 5.07 -17.01	95.68 6.79 -34.59	103.39 6.85 -43.06	106.95 5.97 -49.52	85.50 4.96 -32.88	57.24 4.44 -12.42	58.91 3.98 -18.72	49.07 4.02 -12.59	40.99 3.66 -8.55
CANDIGU_WT_PWR 323617	28.80 0.48 0.00	26.07 -0.08 -0.05	25.34 -0.57 -0.13	24.86 -0.66 0.00	24.86 -0.64 0.00	25.80 -0.03 0.00	27.55 0.06 0.00	28.37 -0.31 -0.19	30.99 -0.34 -0.11	33.33 0.07 0.00	33.86 0.10 0.00	36.94 0.69 0.00	38.59 0.46 0.00	40.93 0.68 0.00	45.54 0.36 0.00	47.22 0.24 -0.10	56.79 0.82 -1.67	56.70 1.50 -1.73	52.71 0.93 -0.31	48.69 0.86 -0.16	40.94 0.56 0.00	37.08 0.87 0.00	33.27 0.49 -0.33	29.53 0.35 -0.40
CARR STREET_E_SYR 24060	28.04 -0.28 0.00	25.75 -0.37 -0.02	25.34 -0.49 -0.06	24.94 -0.59 0.00	24.94 -0.56 0.00	25.47 -0.36 0.00	27.20 -0.30 0.00	28.20 -0.37 -0.08	30.83 -0.44 -0.05	32.80 -0.47 0.00	33.35 -0.40 0.00	35.96 -0.29 0.00	37.79 -0.34 0.00	40.01 -0.24 0.00	44.86 -0.31 0.00	46.81 -0.33 -0.25	55.20 -0.16 -1.07	54.59 0.11 -1.01	52.11 -0.15 -0.80	47.86 -0.24 -0.43	40.09 -0.28 0.00	36.06 -0.14 0.00	32.23 -0.23 0.00	28.52 -0.26 0.00
CARTHAGE__PAPER 23857	28.15 -0.17 0.00	25.85 -0.26 -0.01	25.52 -0.28 -0.03	25.17 -0.36 0.00	25.12 -0.38 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.16 -0.37 -0.04	30.62 -0.62 -0.02	32.67 -0.60 0.00	33.32 -0.44 0.00	35.74 -0.51 0.00	37.71 -0.42 0.00	39.85 -0.40 0.00	44.77 -0.41 0.00	47.14 -0.09 -0.35	55.55 -0.22 -1.47	55.29 0.43 -1.39	53.29 0.72 -1.10	49.26 1.00 -0.60	41.14 0.77 0.00	36.46 0.26 0.00	32.59 0.13 0.00	28.70 -0.09 0.00

CASSADAGA_WT_PWR 323784	29.37 1.05 0.00	26.22 0.08 -0.04	25.14 -0.75 -0.11	24.61 -0.92 0.00	24.58 -0.92 0.00	25.75 -0.08 0.00	27.58 0.08 0.00	28.36 -0.28 -0.16	31.09 -0.22 -0.09	33.93 0.67 0.00	34.53 0.78 0.00	37.92 1.67 0.00	39.50 1.37 0.00	41.86 1.61 0.00	46.31 1.13 0.00	47.78 0.89 0.00	56.49 1.19 -0.99	56.56 2.03 -1.05	52.81 1.34 -0.01	48.86 1.19 0.00	41.22 0.85 0.00	37.33 1.12 0.00	33.36 0.65 -0.25	29.49 0.40 -0.31
CE_DUNWOOD___DRP 24194	30.05 1.73 0.00	27.99 1.64 -0.25	27.84 1.42 -0.65	26.88 1.35 0.00	26.77 1.27 0.00	27.20 1.37 0.00	29.29 1.79 0.00	31.34 1.91 -0.95	33.82 2.06 -0.54	35.56 2.30 0.00	36.02 2.26 0.00	38.46 2.21 0.00	40.53 2.40 0.00	42.70 2.46 0.00	48.07 2.89 0.00	49.84 2.95 0.00	64.69 4.51 -5.88	64.10 4.39 -6.24	55.07 3.55 -0.05	50.19 2.53 0.00	42.59 2.22 0.00	38.16 1.96 0.00	35.98 2.01 -1.51	32.46 1.84 -1.84
CE_MILLWOOD___DRP 24193	29.97 1.64 0.00	27.91 1.57 -0.25	27.79 1.37 -0.64	26.83 1.30 0.00	26.72 1.22 0.00	27.15 1.32 0.00	29.20 1.70 0.00	31.25 1.82 -0.94	33.72 1.97 -0.53	35.46 2.20 0.00	35.92 2.16 0.00	38.39 2.14 0.00	40.42 2.29 0.00	42.58 2.33 0.00	47.98 2.80 0.00	49.75 2.86 0.00	64.49 4.34 -5.85	63.91 4.22 -6.21	54.91 3.40 -0.05	50.10 2.43 0.00	42.47 2.10 0.00	38.09 1.88 0.00	35.88 1.92 -1.50	32.37 1.76 -1.83
CE_NYC2_DRP 24202	30.29 1.95 -0.01	28.21 1.85 -0.26	28.05 1.62 -0.65	27.06 1.53 0.00	26.93 1.43 0.00	27.25 1.42 0.00	29.45 1.95 0.00	31.57 2.14 -0.95	34.04 2.28 -0.54	35.89 2.63 0.00	36.36 2.60 -0.01	38.79 2.54 0.00	40.84 2.71 0.00	43.03 2.78 0.00	48.43 3.25 0.00	50.03 3.14 0.00	65.36 5.16 -5.90	64.72 4.97 -6.26	55.43 3.91 -0.05	50.38 2.72 0.00	42.67 2.30 0.00	38.27 2.06 0.00	36.29 2.30 -1.52	32.71 2.07 -1.85
CE_NYC_DRP 24195	30.16 1.84 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	34.00 2.25 -0.54	35.79 2.53 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.55 4.81 -6.26	55.32 3.81 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.12 2.14 -1.52	32.58 1.96 -1.85
CHAFFEE___LFGE 323603	28.92 0.60 0.00	25.93 -0.21 -0.04	25.06 -0.83 -0.11	24.58 -0.94 0.00	24.61 -0.89 0.00	25.78 -0.05 0.00	27.42 -0.08 0.00	28.07 -0.57 -0.15	30.62 -0.69 -0.09	33.16 -0.10 0.00	33.76 0.00 0.00	37.23 0.98 0.00	38.74 0.61 0.00	41.01 0.76 0.00	45.49 0.32 0.00	46.84 -0.05 0.00	55.81 0.54 -0.97	55.84 1.34 -1.03	52.14 0.67 -0.01	48.28 0.62 0.00	40.66 0.28 0.00	36.89 0.69 0.00	33.00 0.29 -0.25	29.17 0.09 -0.30
CHATEAUG_35_KV_LOAD 355732	28.38 0.06 0.00	26.10 0.00 0.00	25.98 0.21 0.00	25.86 0.33 0.00	25.91 0.41 0.00	26.11 0.28 0.00	27.64 0.14 0.00	28.69 0.20 0.00	31.47 0.25 0.00	33.46 0.20 0.00	34.06 0.30 0.00	36.51 0.25 0.00	38.67 0.53 0.00	40.81 0.56 0.00	45.49 0.32 0.00	47.21 0.33 0.00	54.08 -0.22 0.00	53.05 -0.43 0.00	51.57 0.10 0.00	48.09 0.43 0.00	40.65 0.28 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00
CHATEAUG_WT_PWR 323614	28.35 0.03 0.00	26.10 0.00 0.00	25.96 0.18 0.00	25.81 0.28 0.00	25.88 0.38 0.00	26.06 0.23 0.00	27.61 0.11 0.00	28.60 0.11 0.00	31.41 0.19 0.00	33.43 0.17 0.00	33.99 0.24 0.00	36.43 0.18 0.00	38.44 0.30 0.00	40.69 0.44 0.00	45.45 0.27 0.00	47.12 0.24 0.00	54.14 -0.16 0.00	53.11 -0.37 0.00	51.62 0.15 0.00	48.04 0.38 0.00	40.62 0.24 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00
CHAT_HIGH_FALL_HYD 323578	28.38 0.06 0.00	26.10 0.00 0.00	25.98 0.21 0.00	25.86 0.33 0.00	25.91 0.41 0.00	26.09 0.26 0.00	27.64 0.14 0.00	28.69 0.20 0.00	31.47 0.25 0.00	33.46 0.20 0.00	34.06 0.30 0.00	36.51 0.26 0.00	38.55 0.42 0.00	40.81 0.56 0.00	45.49 0.32 0.00	47.22 0.33 0.00	54.08 -0.22 0.00	53.05 -0.43 0.00	51.62 0.15 0.00	48.09 0.43 0.00	40.66 0.28 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00
CHAUTAUQUA___LFGE 323629	29.20 0.88 0.00	26.19 0.05 -0.04	25.24 -0.64 -0.11	24.68 -0.84 0.00	24.68 -0.82 0.00	25.86 0.03 0.00	27.61 0.11 0.00	28.36 -0.28 -0.15	30.96 -0.34 -0.09	33.63 0.37 0.00	34.23 0.47 0.00	37.63 1.38 0.00	39.20 1.07 0.00	41.50 1.25 0.00	45.99 0.81 0.00	47.40 0.52 0.00	56.35 1.09 -0.97	56.38 1.87 -1.03	52.66 1.18 -0.01	48.71 1.05 0.00	41.10 0.73 0.00	37.22 1.01 0.00	33.32 0.62 -0.25	29.43 0.35 -0.30
CHERRYST_13_KV_LD 356241	30.25 1.93 0.00	28.15 1.80 -0.25	28.00 1.57 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.60 2.17 -0.95	34.16 2.40 -0.54	35.96 2.69 0.00	36.42 2.67 0.00	38.86 2.61 0.00	40.95 2.82 0.00	43.15 2.90 0.00	48.61 3.43 0.00	50.26 3.38 0.00	65.46 5.27 -5.89	64.81 5.08 -6.26	55.53 4.01 -0.05	50.52 2.86 0.00	42.84 2.46 0.00	38.38 2.17 0.00	36.25 2.27 -1.52	32.67 2.04 -1.85
CHESTROR_138KV_BK263 355645	29.65 1.33 0.00	27.60 1.28 -0.23	27.47 1.11 -0.59	26.57 1.05 0.00	26.47 0.97 0.00	26.89 1.06 0.00	28.87 1.37 0.00	30.80 1.45 -0.86	33.27 1.56 -0.49	35.03 1.76 0.00	35.48 1.72 0.00	37.92 1.67 0.00	39.92 1.79 0.00	42.10 1.85 0.00	47.39 2.21 0.00	49.14 2.25 0.00	63.17 3.53 -5.34	62.62 3.48 -5.66	54.29 2.78 -0.05	49.62 1.95 0.00	42.11 1.74 0.00	37.73 1.52 0.00	35.42 1.59 -1.37	31.89 1.44 -1.67
CH_MIDHUDSON___DRP 24192	30.05 1.73 0.00	28.00 1.64 -0.26	27.92 1.47 -0.67	26.93 1.40 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.26 1.76 0.00	31.32 1.85 -0.98	33.80 2.03 -0.55	35.49 2.23 0.00	35.92 2.16 0.00	38.39 2.14 0.00	40.42 2.29 0.00	42.54 2.29 0.00	47.93 2.76 0.00	49.75 2.86 0.00	64.52 4.13 -6.09	64.01 4.06 -6.47	54.86 3.35 -0.05	50.14 2.48 0.00	42.51 2.14 0.00	38.09 1.88 0.00	35.94 1.92 -1.57	32.45 1.76 -1.91
CH_MISC_IPPS 23765	30.11 1.79 0.00	28.10 1.75 -0.25	28.01 1.57 -0.66	27.03 1.51 0.00	26.88 1.38 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.39 1.94 -0.96	33.92 2.15 -0.54	35.69 2.43 0.00	36.05 2.30 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.74 2.50 0.00	48.16 2.98 0.00	50.08 3.19 0.00	64.78 4.45 -6.02	64.26 4.39 -6.39	55.12 3.60 -0.05	50.33 2.67 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.02 2.01 -1.55	32.51 1.84 -1.89
CH_RES_BVR_FALLS 23983	28.13 -0.20 0.00	25.91 -0.18 0.00	25.65 -0.13 0.00	25.40 -0.13 0.00	25.37 -0.13 0.00	25.60 -0.23 0.00	27.17 -0.33 0.00	28.18 -0.31 0.00	30.91 -0.31 0.00	32.96 -0.30 0.00	33.48 -0.27 0.00	35.92 -0.33 0.00	37.79 -0.34 0.00	39.92 -0.32 0.00	44.77 -0.41 0.00	46.46 -0.42 0.00	53.59 -0.71 0.00	52.62 -0.86 0.00	50.85 -0.62 0.00	47.14 -0.52 0.00	39.85 -0.53 0.00	35.59 -0.62 0.00	31.84 -0.62 0.00	28.18 -0.61 0.00

CH_RES_NIAGARA 23895	27.84 -0.48 0.00	25.37 -0.76 -0.04	24.66 -1.21 -0.09	23.74 -1.79 0.00	23.74 -1.76 0.00	24.90 -0.93 0.00	26.45 -1.04 0.00	27.26 -1.37 -0.14	29.61 -1.69 -0.08	31.57 -1.70 0.00	32.14 -1.62 0.00	35.45 -0.80 0.00	36.72 -1.41 0.00	38.80 -1.45 0.00	42.96 -2.21 0.00	44.26 -2.62 0.00	52.70 -2.44 -0.84	52.66 -1.71 -0.90	49.41 -2.06 -0.01	46.04 -1.62 0.00	38.84 -1.53 0.00	35.38 -0.83 0.00	31.77 -0.91 -0.22	28.10 -0.95 -0.26
CH_RES_SYRACUSE 23985	28.15 -0.17 0.00	25.86 -0.26 -0.02	25.45 -0.39 -0.06	25.07 -0.46 0.00	25.07 -0.43 0.00	25.60 -0.23 0.00	27.33 -0.16 0.00	28.38 -0.20 -0.09	31.15 -0.12 -0.05	33.13 -0.13 0.00	33.72 -0.03 0.00	36.32 0.07 0.00	38.21 0.08 0.00	40.45 0.20 0.00	45.36 0.18 0.00	47.59 0.24 -0.47	56.68 0.38 -1.99	56.06 0.69 -1.89	53.37 0.41 -1.50	48.76 0.29 -0.81	40.53 0.16 0.00	36.46 0.26 0.00	32.56 0.10 0.00	28.84 0.06 0.00
CLINTON_WT_PWR 323605	28.35 0.03 0.00	26.10 0.00 0.00	25.96 0.18 0.00	25.81 0.28 0.00	25.88 0.38 0.00	26.06 0.23 0.00	27.61 0.11 0.00	28.60 0.11 0.00	31.41 0.19 0.00	33.43 0.17 0.00	33.99 0.24 0.00	36.43 0.18 0.00	38.44 0.30 0.00	40.69 0.44 0.00	45.45 0.27 0.00	47.12 0.24 0.00	54.14 -0.16 0.00	53.11 -0.37 0.00	51.62 0.15 0.00	48.04 0.38 0.00	40.62 0.24 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00
CLINTON___LFGE 323618	28.58 0.25 0.00	26.25 0.16 0.00	26.14 0.36 0.00	25.96 0.43 0.00	26.04 0.54 0.00	26.24 0.41 0.00	27.80 0.30 0.00	29.14 0.66 0.00	31.97 0.75 0.00	33.96 0.70 0.00	34.60 0.84 0.00	37.09 0.83 0.00	39.24 1.11 0.00	41.66 1.41 0.00	46.35 1.17 0.00	48.10 1.22 0.00	54.68 0.38 0.00	53.64 0.16 0.00	52.19 0.72 0.00	48.57 0.90 0.00	41.02 0.64 0.00	36.17 -0.04 0.00	32.26 -0.19 0.00	28.44 -0.34 0.00
COBBLENY_34_KV_TB1 80064	28.61 0.28 0.00	25.93 -0.21 -0.04	25.06 -0.82 -0.11	24.58 -0.94 0.00	24.58 -0.92 0.00	25.75 -0.08 0.00	27.42 -0.08 0.00	28.07 -0.57 -0.15	30.62 -0.69 -0.09	33.36 0.10 0.00	33.65 -0.10 0.00	37.16 0.91 0.00	38.48 0.34 0.00	41.05 0.80 0.00	45.45 0.27 0.00	46.93 0.05 0.00	55.71 0.43 -0.97	55.69 1.18 -1.03	52.09 0.62 -0.01	48.09 0.43 0.00	40.57 0.20 0.00	36.79 0.58 0.00	32.87 0.16 -0.25	29.09 0.00 -0.30
COFFEEN___115KV_TB3 355620	28.30 -0.03 0.00	25.93 -0.18 -0.01	25.58 -0.23 -0.03	25.17 -0.36 0.00	25.14 -0.36 0.00	25.67 -0.15 0.00	27.31 -0.19 0.00	28.31 -0.23 -0.05	30.75 -0.50 -0.03	32.83 -0.43 0.00	33.55 -0.20 0.00	36.11 -0.15 0.00	38.17 0.04 0.00	40.29 0.04 0.00	45.31 0.14 0.00	47.91 0.61 -0.41	56.71 0.65 -1.75	56.69 1.55 -1.66	54.48 1.70 -1.32	50.33 1.95 -0.71	41.99 1.61 0.00	37.04 0.83 0.00	32.98 0.52 0.00	29.04 0.26 0.00
COLDSPRG_115KV_BK1 355956	29.20 0.88 0.00	26.27 0.13 -0.04	25.22 -0.67 -0.11	24.89 -0.64 0.00	24.89 -0.61 0.00	26.06 0.23 0.00	27.94 0.44 0.00	28.48 -0.17 -0.16	31.16 -0.16 -0.09	34.13 0.86 0.00	34.53 0.78 0.00	37.92 1.67 0.00	39.31 1.18 0.00	41.98 1.73 0.00	46.49 1.31 0.00	47.96 1.08 0.00	56.62 1.25 -1.07	56.54 1.93 -1.14	52.76 1.29 -0.01	48.62 0.95 0.00	41.06 0.69 0.00	37.22 1.01 0.00	33.45 0.71 -0.27	29.55 0.43 -0.33
COLONIE_LFGE___ 323577	29.82 1.50 0.00	27.91 1.49 -0.33	28.02 1.39 -0.85	26.88 1.35 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.06 1.57 0.00	31.32 1.59 -1.24	33.70 1.78 -0.70	35.09 1.83 0.00	35.54 1.79 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.43 2.26 0.00	49.32 2.44 0.00	74.12 3.09 -16.72	74.33 3.10 -17.75	54.44 2.83 -0.14	49.95 2.29 0.00	42.51 2.14 0.00	38.16 1.95 0.00	38.58 1.82 -4.30	35.69 1.67 -5.24
COOPERNY_115KV_TB1 80082	29.29 0.96 0.00	27.18 0.91 -0.17	27.02 0.80 -0.44	26.27 0.74 0.00	26.16 0.66 0.00	26.58 0.75 0.00	28.49 0.99 0.00	30.19 1.05 -0.64	32.71 1.12 -0.36	34.56 1.30 0.00	35.00 1.25 0.00	37.48 1.23 0.00	39.47 1.33 0.00	41.66 1.41 0.00	46.80 1.63 0.00	48.57 1.69 0.00	61.00 2.66 -4.04	60.44 2.67 -4.28	53.66 2.16 -0.03	49.19 1.53 0.00	41.70 1.33 0.00	37.37 1.16 0.00	34.66 1.17 -1.04	31.11 1.06 -1.26
COPENHAGEN_WT_PWR 323753	28.13 -0.20 0.00	25.80 -0.31 -0.01	25.45 -0.36 -0.03	25.07 -0.46 0.00	25.01 -0.49 0.00	25.55 -0.28 0.00	27.14 -0.36 0.00	28.17 -0.37 -0.05	30.62 -0.62 -0.03	32.63 -0.63 0.00	33.35 -0.40 0.00	35.85 -0.40 0.00	37.83 -0.31 0.00	40.01 -0.24 0.00	44.91 -0.27 0.00	47.41 0.09 -0.43	56.24 0.11 -1.83	56.06 0.85 -1.73	53.82 0.98 -1.37	49.65 1.24 -0.74	41.34 0.97 0.00	36.64 0.44 0.00	32.65 0.20 0.00	28.81 0.03 0.00
CORNELL___ 23752	28.83 0.51 0.00	26.49 0.34 -0.05	26.04 0.13 -0.13	25.58 0.05 0.00	25.58 0.08 0.00	26.22 0.39 0.00	28.05 0.55 0.00	29.17 0.48 -0.19	31.86 0.53 -0.11	33.93 0.67 0.00	34.43 0.68 0.00	37.12 0.87 0.00	38.97 0.84 0.00	41.37 1.13 0.00	46.40 1.22 0.00	48.50 1.36 -0.25	58.55 1.85 -2.41	58.26 2.35 -2.43	54.39 2.11 -0.82	49.96 1.86 -0.44	41.83 1.45 0.00	37.58 1.38 0.00	33.81 1.01 -0.34	30.00 0.81 -0.42
CORONA_AAV_69_KV_TB1 355595	47.01 2.41 -16.28	36.61 2.19 -8.33	29.76 1.93 -2.05	29.25 1.89 -1.84	29.58 1.78 -2.29	27.76 1.91 -0.02	29.95 2.34 -0.11	33.24 2.45 -2.30	37.70 2.65 -3.83	45.51 2.93 -9.32	44.51 2.87 -7.89	45.59 2.86 -6.47	53.89 3.09 -12.67	57.20 3.18 -13.77	61.43 3.70 -12.55	67.68 3.80 -17.00	65.98 5.48 -6.19	65.58 5.51 -6.59	56.60 4.63 -0.51	51.53 3.53 -0.34	46.74 2.95 -3.43	44.80 2.61 -5.99	42.64 2.63 -7.55	39.73 2.42 -8.54
CORTLAND_115KV_TB3 80093	28.61 0.28 0.00	26.29 0.16 -0.04	25.86 -0.03 -0.11	25.45 -0.08 0.00	25.45 -0.05 0.00	26.01 0.18 0.00	27.80 0.30 0.00	28.90 0.26 -0.16	31.62 0.31 -0.09	33.70 0.43 0.00	34.23 0.47 0.00	36.90 0.65 0.00	38.74 0.61 0.00	41.09 0.85 0.00	46.08 0.90 0.00	48.13 0.98 -0.26	57.84 1.41 -2.13	57.37 1.76 -2.13	53.80 1.49 -0.85	49.36 1.24 -0.45	41.34 0.97 0.00	37.11 0.91 0.00	33.37 0.65 -0.26	29.62 0.52 -0.32
COXSACKIE___GT 23611	30.42 2.10 0.00	28.38 1.98 -0.30	28.39 1.83 -0.78	27.46 1.94 0.00	27.36 1.86 0.00	27.74 1.91 0.00	29.72 2.23 0.00	31.77 2.14 -1.14	34.30 2.44 -0.65	35.76 2.50 0.00	36.15 2.40 0.00	38.68 2.43 0.00	40.65 2.52 0.00	42.66 2.41 0.00	48.34 3.16 0.00	50.45 3.56 0.00	68.98 4.40 -10.28	68.93 4.54 -10.91	55.88 4.32 -0.09	51.67 4.00 0.00	43.88 3.51 0.00	39.32 3.11 0.00	37.79 2.69 -2.64	34.27 2.27 -3.22
CPV_VALLEY___CC1 323721	29.34 1.02 0.00	27.35 1.04 -0.21	27.22 0.90 -0.54	26.37 0.84 0.00	26.26 0.76 0.00	26.68 0.85 0.00	28.65 1.15 0.00	30.47 1.20 -0.78	32.97 1.31 -0.44	34.76 1.50 0.00	35.14 1.38 0.00	37.59 1.34 0.00	39.66 1.53 0.00	41.74 1.49 0.00	46.98 1.81 0.00	48.76 1.88 0.00	62.15 2.98 -4.86	61.58 2.94 -5.16	53.77 2.26 -0.04	49.19 1.52 0.00	41.75 1.37 0.00	37.40 1.19 0.00	34.94 1.23 -1.25	31.46 1.15 -1.52

CPV_VALLEY___CC2 323722	29.34 1.02 0.00	27.35 1.04 -0.21	27.22 0.90 -0.54	26.37 0.84 0.00	26.26 0.76 0.00	26.68 0.85 0.00	28.65 1.15 0.00	30.47 1.20 -0.78	32.97 1.31 -0.44	34.76 1.50 0.00	35.14 1.38 0.00	37.59 1.34 0.00	39.66 1.53 0.00	41.74 1.49 0.00	46.98 1.81 0.00	48.76 1.88 0.00	62.15 2.98 -4.86	61.58 2.94 -5.16	53.77 2.26 -0.04	49.19 1.52 0.00	41.75 1.37 0.00	37.40 1.19 0.00	34.94 1.23 -1.25	31.46 1.15 -1.52
CRESCENT___HYD 24018	29.82 1.50 0.00	27.91 1.49 -0.33	28.02 1.39 -0.85	26.88 1.35 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.06 1.57 0.00	31.32 1.59 -1.24	33.70 1.78 -0.70	35.09 1.83 0.00	35.54 1.79 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.43 2.26 0.00	49.32 2.44 0.00	74.12 3.09 -16.72	74.33 3.10 -17.75	54.44 2.83 -0.14	49.95 2.29 0.00	42.51 2.14 0.00	38.16 1.95 0.00	38.58 1.82 -4.30	35.69 1.67 -5.24
CRICKET___VALLEY_CC1 323756	29.82 1.50 0.00	27.85 1.49 -0.27	27.81 1.34 -0.69	26.83 1.30 0.00	26.72 1.22 0.00	27.12 1.29 0.00	29.12 1.62 0.00	31.15 1.65 -1.01	33.51 1.72 -0.57	35.13 1.86 0.00	35.51 1.75 0.00	37.92 1.67 0.00	39.96 1.83 0.00	42.02 1.77 0.00	47.30 2.12 0.00	49.14 2.25 0.00	64.10 3.31 -6.48	63.68 3.32 -6.88	54.20 2.67 -0.06	49.52 1.86 0.00	42.07 1.70 0.00	37.73 1.52 0.00	35.68 1.56 -1.67	32.28 1.47 -2.03
CRICKET___VALLEY_CC2 323757	29.82 1.50 0.00	27.85 1.49 -0.27	27.81 1.34 -0.69	26.83 1.30 0.00	26.72 1.22 0.00	27.12 1.29 0.00	29.12 1.62 0.00	31.15 1.65 -1.01	33.51 1.72 -0.57	35.13 1.86 0.00	35.51 1.75 0.00	37.92 1.67 0.00	39.96 1.83 0.00	42.02 1.77 0.00	47.30 2.12 0.00	49.14 2.25 0.00	64.10 3.31 -6.48	63.68 3.32 -6.88	54.20 2.67 -0.06	49.52 1.86 0.00	42.07 1.70 0.00	37.73 1.52 0.00	35.68 1.56 -1.67	32.28 1.47 -2.03
CRICKET___VALLEY_CC3 323758	29.82 1.50 0.00	27.85 1.49 -0.27	27.81 1.34 -0.69	26.83 1.30 0.00	26.72 1.22 0.00	27.12 1.29 0.00	29.12 1.62 0.00	31.15 1.65 -1.01	33.51 1.72 -0.57	35.13 1.86 0.00	35.51 1.75 0.00	37.92 1.67 0.00	39.96 1.83 0.00	42.02 1.77 0.00	47.30 2.12 0.00	49.14 2.25 0.00	64.10 3.31 -6.48	63.68 3.32 -6.88	54.20 2.67 -0.06	49.52 1.86 0.00	42.07 1.70 0.00	37.73 1.52 0.00	35.68 1.56 -1.67	32.28 1.47 -2.03
CRUCIBLE_METL_DRP 24180	28.13 -0.20 0.00	25.86 -0.26 -0.02	25.45 -0.39 -0.06	25.07 -0.46 0.00	25.07 -0.43 0.00	25.60 -0.23 0.00	27.33 -0.16 0.00	28.38 -0.20 -0.09	31.15 -0.12 -0.05	33.16 -0.10 0.00	33.69 -0.07 0.00	36.32 0.07 0.00	38.13 0.00 0.00	40.45 0.20 0.00	45.36 0.18 0.00	47.59 0.23 -0.47	56.67 0.38 -1.99	56.00 0.64 -1.88	53.37 0.41 -1.49	48.76 0.29 -0.81	40.53 0.16 0.00	36.46 0.25 0.00	32.52 0.06 0.00	28.84 0.06 0.00
DAHOWA___HYDRO 323763	30.16 1.84 0.00	28.25 1.83 -0.33	28.34 1.70 -0.86	27.18 1.66 0.00	27.13 1.63 0.00	27.51 1.68 0.00	29.37 1.87 0.00	31.60 1.85 -1.26	34.06 2.12 -0.71	35.49 2.23 0.00	35.95 2.19 0.00	38.54 2.29 0.00	40.54 2.40 0.00	42.50 2.25 0.00	48.02 2.85 0.00	50.03 3.14 0.00	76.64 3.86 -18.48	76.89 3.80 -19.62	55.49 3.86 -0.16	51.00 3.34 0.00	43.64 3.27 0.00	39.14 2.93 0.00	39.81 2.60 -4.75	36.82 2.25 -5.79
DANC___LFGE 323619	27.98 -0.34 0.00	25.69 -0.42 -0.02	25.30 -0.52 -0.04	24.94 -0.59 0.00	24.91 -0.59 0.00	25.42 -0.41 0.00	27.06 -0.44 0.00	28.09 -0.46 -0.06	30.60 -0.66 -0.03	32.56 -0.70 0.00	33.21 -0.54 0.00	35.74 -0.51 0.00	37.64 -0.50 0.00	39.81 -0.44 0.00	44.72 -0.45 0.00	47.14 -0.28 -0.53	56.28 -0.27 -2.25	55.93 0.32 -2.13	53.46 0.31 -1.69	49.06 0.48 -0.91	40.69 0.32 0.00	36.32 0.11 0.00	32.39 -0.06 0.00	28.64 -0.14 0.00
DANSKAMMER___1 23586	30.11 1.79 0.00	28.10 1.75 -0.25	28.01 1.57 -0.66	27.03 1.51 0.00	26.88 1.38 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.39 1.94 -0.96	33.92 2.15 -0.54	35.69 2.43 0.00	36.05 2.30 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.74 2.50 0.00	48.16 2.98 0.00	50.08 3.19 0.00	64.78 4.45 -6.02	64.26 4.39 -6.39	55.12 3.60 -0.05	50.33 2.67 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.02 2.01 -1.55	32.51 1.84 -1.89
DANSKAMMER___2 23589	30.11 1.79 0.00	28.10 1.75 -0.25	28.01 1.57 -0.66	27.03 1.51 0.00	26.88 1.38 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.39 1.94 -0.96	33.92 2.15 -0.54	35.69 2.43 0.00	36.05 2.30 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.74 2.50 0.00	48.16 2.98 0.00	50.08 3.19 0.00	64.78 4.45 -6.02	64.26 4.39 -6.39	55.12 3.60 -0.05	50.33 2.67 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.02 2.01 -1.55	32.51 1.84 -1.89
DANSKAMMER___3 23590	30.11 1.79 0.00	28.10 1.75 -0.25	28.01 1.57 -0.66	27.03 1.51 0.00	26.88 1.38 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.39 1.94 -0.96	33.92 2.15 -0.54	35.69 2.43 0.00	36.05 2.30 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.74 2.50 0.00	48.16 2.98 0.00	50.08 3.19 0.00	64.78 4.45 -6.02	64.26 4.39 -6.39	55.12 3.60 -0.05	50.33 2.67 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.02 2.01 -1.55	32.51 1.84 -1.89
DANSKAMMER___4 23591	30.11 1.79 0.00	28.10 1.75 -0.25	28.01 1.57 -0.66	27.03 1.51 0.00	26.88 1.38 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.39 1.94 -0.96	33.92 2.15 -0.54	35.69 2.43 0.00	36.05 2.30 0.00	38.54 2.29 0.00	40.65 2.52 0.00	42.74 2.50 0.00	48.16 2.98 0.00	50.08 3.19 0.00	64.78 4.45 -6.02	64.26 4.39 -6.39	55.12 3.60 -0.05	50.33 2.67 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.02 2.01 -1.55	32.51 1.84 -1.89
DANSKAMMER___DIESEL 23592	30.16 1.84 0.00	28.10 1.75 -0.25	28.01 1.57 -0.66	27.03 1.51 0.00	26.88 1.38 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.38 1.94 -0.96	33.92 2.15 -0.54	35.66 2.40 0.00	36.08 2.33 0.00	38.57 2.32 0.00	40.61 2.48 0.00	42.78 2.54 0.00	48.20 3.03 0.00	50.07 3.19 0.00	64.71 4.45 -5.96	64.24 4.44 -6.32	55.22 3.71 -0.05	50.43 2.76 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.07 2.08 -1.53	32.52 1.87 -1.87
DARBY___SOLAR 323810	30.14 1.81 0.00	28.20 1.78 -0.33	28.29 1.65 -0.86	27.13 1.61 0.00	27.08 1.58 0.00	27.46 1.63 0.00	29.34 1.84 0.00	31.57 1.82 -1.26	34.02 2.09 -0.71	35.46 2.19 0.00	35.92 2.16 0.00	38.50 2.25 0.00	40.50 2.37 0.00	42.50 2.25 0.00	47.98 2.80 0.00	49.98 3.09 0.00	76.38 3.80 -18.28	76.62 3.74 -19.40	55.33 3.71 -0.16	50.86 3.19 0.00	43.44 3.07 0.00	38.96 2.75 0.00	39.62 2.47 -4.70	36.67 2.16 -5.72
DASHVILLE___HYD 23610	29.74 1.42 0.00	27.61 1.25 -0.26	27.43 0.98 -0.68	26.67 1.15 0.00	26.52 1.02 0.00	26.89 1.06 0.00	28.90 1.40 0.00	30.73 1.25 -0.99	33.18 1.40 -0.56	35.06 1.80 0.00	35.48 1.72 0.00	37.88 1.63 0.00	39.89 1.75 0.00	41.98 1.73 0.00	47.25 2.08 0.00	49.04 2.16 0.00	64.32 3.10 -6.93	63.88 3.05 -7.35	53.84 2.32 -0.06	49.43 1.76 0.00	41.91 1.53 0.00	37.58 1.38 0.00	35.51 1.27 -1.78	32.13 1.18 -2.17

DEERFIELD_69_KV_DEERFIELD LD 355887	48.85 4.25 -16.28	38.26 3.84 -8.33	31.34 3.51 -2.05	30.76 3.39 -1.84	31.13 3.34 -2.29	29.28 3.44 -0.02	31.65 4.04 -0.11	35.10 4.30 -2.31	39.83 4.78 -3.83	48.11 5.52 -9.33	52.79 5.33 -13.70	57.85 5.51 -16.09	62.08 5.83 -18.11	64.71 6.12 -18.35	64.65 6.91 -12.56	70.93 7.03 -17.01	98.09 9.12 -34.67	105.79 9.14 -43.17	109.31 8.18 -49.67	87.46 6.82 -32.97	58.87 6.06 -12.45	60.36 5.39 -18.75	50.28 5.23 -12.60	42.00 4.66 -8.55
DELAWARE___LFGE 323621	29.26 0.93 0.00	27.05 0.86 -0.09	26.79 0.77 -0.23	26.24 0.71 0.00	26.19 0.69 0.00	26.66 0.83 0.00	28.46 0.96 0.00	29.83 1.00 -0.34	32.48 1.06 -0.19	34.49 1.23 0.00	34.97 1.22 0.00	37.56 1.31 0.00	39.54 1.41 0.00	41.78 1.53 0.00	46.98 1.81 0.00	48.85 1.88 -0.09	61.45 2.55 -4.60	61.04 2.73 -4.83	54.15 2.37 -0.31	49.77 1.95 -0.15	42.07 1.70 0.00	37.58 1.38 0.00	34.81 1.27 -1.09	31.17 1.06 -1.32
DERFIELD_115KV_TB7 355931	28.38 0.06 0.00	26.15 0.05 0.00	25.83 0.05 0.00	25.55 0.03 0.00	25.50 0.00 0.00	25.88 0.05 0.00	27.55 0.05 0.00	28.55 0.06 0.00	31.31 0.09 0.00	33.36 0.10 0.00	33.86 0.10 0.00	36.36 0.11 0.00	38.25 0.11 0.00	40.37 0.12 0.00	45.36 0.18 0.00	47.07 0.19 0.00	54.57 0.27 0.00	53.80 0.32 0.00	51.72 0.26 0.00	47.81 0.14 0.00	40.49 0.12 0.00	36.28 0.07 0.00	32.52 0.06 0.00	28.84 0.06 0.00
DOGLEVILLE___HYD 23807	28.75 0.43 0.00	26.46 0.37 0.00	26.11 0.33 0.00	25.81 0.28 0.00	25.75 0.25 0.00	26.14 0.31 0.00	27.77 0.27 0.00	28.77 0.28 0.00	31.69 0.47 0.00	33.83 0.56 0.00	34.36 0.61 0.00	36.94 0.69 0.00	38.89 0.76 0.00	41.05 0.80 0.00	46.17 0.99 0.00	47.92 1.03 0.00	55.28 0.98 0.00	54.55 1.07 0.00	52.44 0.98 0.00	48.38 0.72 0.00	40.90 0.52 0.00	36.61 0.40 0.00	32.75 0.29 0.00	29.01 0.23 0.00
DUNKIRK___115KV_TB_200 55889	28.86 0.54 0.00	26.16 0.03 -0.04	25.24 -0.64 -0.10	24.68 -0.84 0.00	24.68 -0.82 0.00	25.86 0.03 0.00	27.61 0.11 0.00	28.36 -0.28 -0.15	30.93 -0.37 -0.09	33.70 0.43 0.00	34.03 0.27 0.00	37.48 1.23 0.00	38.82 0.69 0.00	41.42 1.17 0.00	45.85 0.68 0.00	47.36 0.47 0.00	56.21 0.92 -0.98	56.13 1.60 -1.04	52.55 1.08 -0.01	48.48 0.81 0.00	40.90 0.52 0.00	37.11 0.91 0.00	33.20 0.49 -0.25	29.35 0.26 -0.31
DUNKIRK___1 23563	28.86 0.54 0.00	26.16 0.03 -0.04	25.24 -0.64 -0.10	24.68 -0.84 0.00	24.68 -0.82 0.00	25.86 0.03 0.00	27.61 0.11 0.00	28.36 -0.28 -0.15	30.93 -0.37 -0.09	33.70 0.43 0.00	34.03 0.27 0.00	37.48 1.23 0.00	38.82 0.69 0.00	41.42 1.17 0.00	45.85 0.68 0.00	47.36 0.47 0.00	56.21 0.92 -0.98	56.13 1.60 -1.04	52.55 1.08 -0.01	48.48 0.81 0.00	40.90 0.52 0.00	37.11 0.91 0.00	33.20 0.49 -0.25	29.35 0.26 -0.31
DUNKIRK___2 23564	28.86 0.54 0.00	26.16 0.03 -0.04	25.24 -0.64 -0.10	24.68 -0.84 0.00	24.68 -0.82 0.00	25.86 0.03 0.00	27.61 0.11 0.00	28.36 -0.28 -0.15	30.93 -0.37 -0.09	33.70 0.43 0.00	34.03 0.27 0.00	37.48 1.23 0.00	38.82 0.69 0.00	41.42 1.17 0.00	45.85 0.68 0.00	47.36 0.47 0.00	56.21 0.92 -0.98	56.13 1.60 -1.04	52.55 1.08 -0.01	48.48 0.81 0.00	40.90 0.52 0.00	37.11 0.91 0.00	33.20 0.49 -0.25	29.35 0.26 -0.31
DUNKIRK___3 23565	28.69 0.37 0.00	26.03 -0.10 -0.04	25.11 -0.77 -0.10	24.61 -0.92 0.00	24.61 -0.89 0.00	25.75 -0.08 0.00	27.50 0.00 0.00	28.19 -0.46 -0.15	30.74 -0.56 -0.09	33.43 0.17 0.00	33.76 0.00 0.00	37.19 0.94 0.00	38.51 0.38 0.00	41.09 0.85 0.00	45.49 0.32 0.00	46.98 0.09 0.00	55.87 0.60 -0.97	55.79 1.28 -1.03	52.19 0.72 -0.01	48.19 0.52 0.00	40.65 0.28 0.00	36.90 0.69 0.00	33.00 0.29 -0.25	29.20 0.12 -0.30
DUNKIRK___4 23566	28.69 0.37 0.00	26.03 -0.10 -0.04	25.11 -0.77 -0.10	24.61 -0.92 0.00	24.61 -0.89 0.00	25.75 -0.08 0.00	27.50 0.00 0.00	28.19 -0.46 -0.15	30.74 -0.56 -0.09	33.43 0.17 0.00	33.76 0.00 0.00	37.19 0.94 0.00	38.51 0.38 0.00	41.09 0.85 0.00	45.49 0.32 0.00	46.98 0.09 0.00	55.87 0.60 -0.97	55.79 1.28 -1.03	52.19 0.72 -0.01	48.19 0.52 0.00	40.65 0.28 0.00	36.90 0.69 0.00	33.00 0.29 -0.25	29.20 0.12 -0.30
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.11 1.78 0.00	28.04 1.70 -0.25	27.92 1.50 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.37 1.87 0.00	31.43 1.99 -0.95	33.91 2.15 -0.54	35.69 2.43 0.00	36.15 2.40 0.00	38.61 2.36 0.00	40.65 2.52 0.00	42.82 2.58 0.00	48.25 3.07 0.00	49.98 3.09 0.00	64.92 4.72 -5.89	64.33 4.60 -6.26	55.22 3.71 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.08 2.11 -1.52	32.56 1.93 -1.85
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.97 1.64 0.00	27.91 1.57 -0.25	27.78 1.37 -0.64	26.85 1.33 0.00	26.70 1.20 0.00	27.12 1.29 0.00	29.15 1.65 0.00	31.13 1.71 -0.93	33.65 1.90 -0.53	35.39 2.13 0.00	35.81 2.06 0.00	38.28 2.03 0.00	40.31 2.17 0.00	42.46 2.21 0.00	47.80 2.62 0.00	49.65 2.77 0.00	63.89 3.86 -5.73	63.36 3.80 -6.08	54.60 3.09 -0.05	49.91 2.24 0.00	42.31 1.94 0.00	37.91 1.70 0.00	35.69 1.75 -1.47	32.16 1.58 -1.80
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.37 2.04 -0.01	28.28 1.93 -0.26	28.13 1.70 -0.65	27.11 1.58 0.00	26.98 1.48 0.00	27.17 1.34 0.00	29.37 1.87 0.00	31.55 2.11 -0.95	33.91 2.15 -0.54	35.79 2.53 0.00	36.26 2.50 -0.01	38.72 2.47 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	49.84 2.95 0.00	65.31 5.10 -5.90	64.72 4.97 -6.26	55.38 3.86 -0.05	50.24 2.57 0.00	42.55 2.18 0.00	38.20 1.99 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
E179THST_13_KV_LOAD 356214	30.51 2.18 -0.01	28.41 2.06 -0.26	28.26 1.83 -0.65	27.24 1.71 0.00	27.11 1.61 0.00	27.28 1.45 0.00	29.51 2.01 0.00	31.69 2.25 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.46 2.70 -0.01	38.93 2.68 0.00	40.92 2.78 0.00	43.11 2.86 0.00	48.61 3.43 0.00	50.12 3.24 0.00	65.69 5.48 -5.90	65.09 5.35 -6.26	55.74 4.22 -0.05	50.57 2.91 0.00	42.79 2.42 0.00	38.42 2.21 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
EAST HAMPTON___GT 23717	49.27 4.67 -16.28	38.70 4.28 -8.33	31.75 3.92 -2.05	31.17 3.80 -1.84	31.57 3.77 -2.29	29.72 3.87 -0.02	32.12 4.51 -0.11	35.61 4.82 -2.31	40.43 5.37 -3.84	48.84 6.25 -9.33	53.53 6.07 -13.70	58.69 6.34 -16.09	63.03 6.79 -18.11	65.68 7.09 -18.35	65.73 8.00 -12.56	72.10 8.20 -17.01	99.40 10.43 -34.68	107.14 10.48 -43.18	110.51 9.37 -49.67	88.61 7.96 -32.98	59.72 6.90 -12.45	61.12 6.16 -18.75	50.90 5.84 -12.60	42.55 5.21 -8.55
EAST RIVER___6 23660	30.08 1.76 0.00	28.12 1.78 -0.25	27.97 1.55 -0.65	26.98 1.45 0.00	26.88 1.38 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.52 2.08 -0.95	34.03 2.28 -0.54	35.89 2.63 0.00	36.25 2.50 0.00	38.72 2.47 0.00	40.84 2.71 0.00	42.99 2.74 0.00	48.47 3.30 0.00	50.17 3.28 0.00	65.36 5.16 -5.90	64.71 4.97 -6.26	55.38 3.86 -0.05	50.43 2.76 0.00	42.79 2.42 0.00	38.31 2.10 0.00	36.15 2.17 -1.52	32.61 1.98 -1.85

EAST RIVER___7 23524	30.08 1.76 0.00	28.12 1.78 -0.25	27.97 1.55 -0.65	26.98 1.45 0.00	26.88 1.38 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.52 2.08 -0.95	34.03 2.28 -0.54	35.89 2.63 0.00	36.25 2.50 0.00	38.72 2.47 0.00	40.84 2.71 0.00	42.99 2.74 0.00	48.47 3.30 0.00	50.17 3.28 0.00	65.36 5.16 -5.90	64.71 4.97 -6.26	55.38 3.86 -0.05	50.43 2.76 0.00	42.79 2.42 0.00	38.31 2.10 0.00	36.15 2.17 -1.52	32.61 1.98 -1.85
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.05 1.73 0.00	27.99 1.64 -0.25	27.84 1.42 -0.65	26.88 1.35 0.00	26.77 1.27 0.00	27.20 1.37 0.00	29.29 1.79 0.00	31.34 1.91 -0.95	33.82 2.06 -0.54	35.56 2.30 0.00	36.02 2.26 0.00	38.46 2.21 0.00	40.53 2.40 0.00	42.70 2.46 0.00	48.07 2.89 0.00	49.84 2.95 0.00	64.69 4.51 -5.88	64.10 4.39 -6.24	55.07 3.55 -0.05	50.19 2.53 0.00	42.59 2.22 0.00	38.16 1.96 0.00	35.98 2.01 -1.51	32.46 1.84 -1.84
EAST_HAMPTON___DIESEL 23722	49.30 4.70 -16.28	38.70 4.28 -8.33	31.77 3.94 -2.05	31.19 3.83 -1.84	31.59 3.80 -2.29	29.75 3.90 -0.02	32.12 4.51 -0.11	35.61 4.82 -2.31	40.46 5.40 -3.84	48.88 6.29 -9.33	53.53 6.07 -13.70	58.73 6.38 -16.09	63.03 6.79 -18.11	65.68 7.09 -18.35	65.73 8.00 -12.56	72.10 8.20 -17.01	99.40 10.43 -34.68	107.14 10.48 -43.18	110.56 9.42 -49.67	88.65 8.01 -32.98	59.77 6.95 -12.45	61.12 6.16 -18.75	50.90 5.84 -12.60	42.55 5.21 -8.55
EAST_PULASKI___ESR 323781	27.81 -0.51 0.00	25.59 -0.52 -0.02	25.20 -0.62 -0.05	24.84 -0.69 0.00	24.81 -0.69 0.00	25.31 -0.52 0.00	27.00 -0.49 0.00	28.01 -0.54 -0.07	30.63 -0.62 -0.04	32.53 -0.73 0.00	33.08 -0.68 0.00	35.60 -0.65 0.00	37.45 -0.69 0.00	39.64 -0.60 0.00	44.45 -0.72 0.00	46.98 -0.66 -0.75	56.81 -0.65 -3.16	56.20 -0.27 -2.99	53.48 -0.36 -2.38	48.66 -0.29 -1.29	40.09 -0.28 0.00	35.95 -0.25 0.00	32.10 -0.36 0.00	28.49 -0.29 0.00
EAST_RIVER___1 323558	30.05 1.73 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	34.01 2.25 -0.54	35.86 2.60 0.00	36.19 2.43 0.00	38.64 2.39 0.00	40.76 2.63 0.00	42.90 2.66 0.00	48.34 3.16 0.00	50.08 3.19 0.00	65.14 4.94 -5.90	64.49 4.76 -6.26	55.27 3.75 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
EAST_RIVER___2 323559	30.08 1.76 0.00	28.12 1.78 -0.25	27.97 1.55 -0.65	26.98 1.45 0.00	26.88 1.38 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.52 2.08 -0.95	34.03 2.28 -0.54	35.89 2.63 0.00	36.25 2.50 0.00	38.72 2.47 0.00	40.84 2.71 0.00	42.99 2.74 0.00	48.47 3.30 0.00	50.17 3.28 0.00	65.36 5.16 -5.90	64.71 4.97 -6.26	55.38 3.86 -0.05	50.43 2.76 0.00	42.79 2.42 0.00	38.31 2.10 0.00	36.15 2.17 -1.52	32.61 1.98 -1.85
EAST___DELAWARE_HYD 23607	29.29 0.96 0.00	27.30 0.99 -0.22	27.15 0.80 -0.57	26.27 0.74 0.00	26.14 0.64 0.00	26.58 0.75 0.00	28.54 1.04 0.00	30.43 1.11 -0.83	32.75 1.06 -0.47	34.53 1.26 0.00	34.87 1.11 0.00	37.27 1.01 0.00	39.32 1.18 0.00	41.42 1.17 0.00	45.40 0.23 0.00	47.26 0.37 0.00	61.56 1.79 -5.46	61.15 1.87 -5.80	52.85 1.34 -0.05	48.28 0.62 0.00	41.87 1.49 0.00	37.37 1.16 0.00	35.10 1.23 -1.41	31.59 1.09 -1.71
EIGHT_POINT___WT_PWR 323820	29.17 0.85 0.00	26.33 0.18 -0.05	25.54 -0.36 -0.12	25.07 -0.46 0.00	25.09 -0.41 0.00	26.06 0.23 0.00	27.88 0.38 0.00	28.67 0.00 -0.18	31.39 0.06 -0.10	33.79 0.53 0.00	34.36 0.61 0.00	37.55 1.30 0.00	39.24 1.11 0.00	41.62 1.37 0.00	46.26 1.08 0.00	47.97 0.99 -0.10	57.51 1.63 -1.58	57.52 2.41 -1.63	53.58 1.80 -0.32	49.50 1.67 -0.17	41.58 1.21 0.00	37.66 1.45 0.00	33.77 1.01 -0.30	29.99 0.84 -0.37
ELBRIDGE_115KV_TB2 80188	28.07 -0.25 0.00	25.83 -0.29 -0.03	25.43 -0.41 -0.07	25.01 -0.51 0.00	25.02 -0.48 0.00	25.55 -0.28 0.00	27.28 -0.22 0.00	28.36 -0.23 -0.10	31.02 -0.25 -0.05	33.03 -0.23 0.00	33.55 -0.20 0.00	36.22 -0.04 0.00	37.98 -0.15 0.00	40.29 0.04 0.00	45.13 -0.05 0.00	47.39 0.00 -0.50	57.19 0.22 -2.67	56.55 0.48 -2.59	53.37 0.31 -1.60	48.67 0.14 -0.86	40.41 0.04 0.00	36.39 0.18 0.00	32.60 0.00 -0.14	28.95 0.00 -0.17
ELEC_TRO_TEK 24086	46.81 2.21 -16.28	36.48 2.06 -8.33	29.63 1.80 -2.05	29.10 1.74 -1.84	29.48 1.68 -2.29	27.61 1.76 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.30	37.58 2.53 -3.83	45.44 2.86 -9.32	44.39 2.73 -7.90	45.47 2.72 -6.49	53.72 2.90 -12.69	57.01 2.98 -13.78	61.20 3.48 -12.55	67.40 3.52 -17.00	65.72 5.16 -6.26	65.29 5.13 -6.68	56.41 4.32 -0.63	51.27 3.19 -0.41	46.54 2.75 -3.43	44.69 2.46 -6.02	42.55 2.53 -7.56	39.65 2.33 -8.54
ELLENBURG_WT_PWR 323604	28.35 0.03 0.00	26.10 0.00 0.00	25.96 0.18 0.00	25.81 0.28 0.00	25.88 0.38 0.00	26.06 0.23 0.00	27.61 0.11 0.00	28.60 0.11 0.00	31.41 0.19 0.00	33.43 0.17 0.00	33.99 0.24 0.00	36.43 0.18 0.00	38.44 0.30 0.00	40.69 0.44 0.00	45.45 0.27 0.00	47.12 0.24 0.00	54.14 -0.16 0.00	53.11 -0.37 0.00	51.62 0.15 0.00	48.04 0.38 0.00	40.62 0.24 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.35 0.03 0.00	25.82 -0.31 -0.04	25.00 -0.88 -0.10	24.40 -1.12 0.00	24.43 -1.07 0.00	25.57 -0.26 0.00	27.22 -0.27 0.00	27.95 -0.68 -0.14	30.43 -0.87 -0.08	33.00 -0.27 0.00	33.25 -0.51 0.00	36.69 0.44 0.00	37.90 -0.23 0.00	40.45 0.20 0.00	44.72 -0.45 0.00	46.23 -0.66 0.00	54.88 -0.33 -0.91	54.82 0.37 -0.96	51.37 -0.10 -0.01	47.52 -0.14 0.00	40.09 -0.28 0.00	36.46 0.25 0.00	32.56 -0.13 -0.23	28.84 -0.23 -0.28
EMPIRE_CC_1 323656	29.57 1.24 0.00	27.65 1.25 -0.31	27.74 1.16 -0.80	26.68 1.15 0.00	26.60 1.10 0.00	26.96 1.14 0.00	28.85 1.35 0.00	31.05 1.40 -1.17	33.38 1.50 -0.66	34.60 1.33 0.00	35.07 1.32 0.00	37.52 1.27 0.00	39.47 1.33 0.00	41.42 1.17 0.00	46.66 1.49 0.00	48.43 1.54 0.00	65.52 2.06 -9.15	65.33 2.14 -9.71	53.34 1.80 -0.08	49.00 1.33 0.00	41.70 1.33 0.00	37.47 1.27 0.00	36.08 1.26 -2.35	32.86 1.21 -2.87
EMPIRE_CC_2 323658	29.57 1.24 0.00	27.65 1.25 -0.31	27.74 1.16 -0.80	26.68 1.15 0.00	26.60 1.10 0.00	26.96 1.14 0.00	28.85 1.35 0.00	31.05 1.40 -1.17	33.38 1.50 -0.66	34.60 1.33 0.00	35.07 1.32 0.00	37.52 1.27 0.00	39.47 1.33 0.00	41.42 1.17 0.00	46.66 1.49 0.00	48.43 1.54 0.00	65.52 2.06 -9.15	65.33 2.14 -9.71	53.34 1.80 -0.08	49.00 1.33 0.00	41.70 1.33 0.00	37.47 1.27 0.00	36.08 1.26 -2.35	32.86 1.21 -2.87
ENORWICH_115KV_TB1 80156	30.02 1.70 0.00	27.49 1.33 -0.07	27.04 1.08 -0.18	26.44 0.92 0.00	26.42 0.92 0.00	27.20 1.37 0.00	29.12 1.62 0.00	30.46 1.71 -0.26	33.05 1.69 -0.15	35.29 2.03 0.00	35.78 2.03 0.00	38.61 2.36 0.00	40.72 2.59 0.00	43.43 3.18 0.00	48.84 3.66 0.00	51.34 4.27 -0.19	62.36 4.94 -3.12	62.53 5.83 -3.22	57.80 5.71 -0.62	53.14 5.15 -0.33	44.53 4.16 0.00	39.47 3.26 0.00	35.62 2.56 -0.59	31.52 2.01 -0.72

ERIE_ST__34_KV_TB1-2 80199	28.63 0.31 0.00	25.77 -0.37 -0.04	24.82 -1.06 -0.10	24.56 -0.97 0.00	24.58 -0.92 0.00	25.75 -0.08 0.00	27.47 -0.03 0.00	27.87 -0.77 -0.15	30.40 -0.91 -0.08	33.43 0.17 0.00	33.76 0.00 0.00	37.23 0.98 0.00	38.59 0.46 0.00	41.25 1.01 0.00	45.67 0.50 0.00	47.17 0.28 0.00	56.06 0.81 -0.95	55.98 1.50 -1.00	52.40 0.93 -0.01	48.28 0.62 0.00	40.70 0.32 0.00	36.86 0.65 0.00	32.96 0.26 -0.24	29.11 0.03 -0.30
ERIE_WT_PWR 323693	28.83 0.51 0.00	25.90 -0.24 -0.04	25.05 -0.83 -0.10	24.56 -0.97 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.36 -0.14 0.00	28.04 -0.60 -0.15	30.55 -0.75 -0.08	33.03 -0.23 0.00	33.62 -0.13 0.00	37.05 0.80 0.00	38.55 0.42 0.00	40.77 0.52 0.00	45.22 0.05 0.00	46.56 -0.33 0.00	55.45 0.22 -0.93	55.48 1.01 -0.99	51.84 0.36 -0.01	48.09 0.43 0.00	40.53 0.16 0.00	36.79 0.58 0.00	32.96 0.26 -0.24	29.10 0.03 -0.29
ESPRGFLD_115KV_TB1 80157	29.77 1.44 0.00	27.33 1.30 0.07	26.75 1.16 0.18	26.60 1.07 0.00	26.57 1.07 0.00	27.15 1.32 0.00	29.01 1.51 0.00	29.70 1.48 0.27	32.60 1.53 0.15	34.99 1.73 0.00	35.51 1.76 0.00	38.21 1.96 0.00	40.23 2.10 0.00	42.58 2.33 0.00	47.93 2.76 0.00	49.98 3.09 0.00	71.39 3.96 -13.12	71.63 4.22 -13.93	55.64 4.07 -0.11	51.19 3.53 0.00	43.44 3.07 0.00	38.78 2.57 0.00	38.01 2.17 -3.37	34.65 1.76 -4.11
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.80 0.48 0.00	26.46 0.31 -0.05	26.01 0.10 -0.13	25.55 0.03 0.00	25.58 0.08 0.00	26.19 0.36 0.00	27.99 0.49 0.00	29.14 0.46 -0.19	31.83 0.50 -0.11	33.86 0.60 0.00	34.36 0.61 0.00	37.09 0.83 0.00	38.93 0.80 0.00	41.33 1.09 0.00	46.31 1.13 0.00	48.46 1.31 -0.26	58.54 1.79 -2.45	58.19 2.25 -2.47	54.32 2.01 -0.85	49.88 1.76 -0.45	41.74 1.37 0.00	37.51 1.30 0.00	33.77 0.97 -0.34	29.98 0.78 -0.42
ETNA____115KV_TB2 80207	28.80 0.48 0.00	26.46 0.31 -0.05	26.01 0.10 -0.13	25.55 0.03 0.00	25.58 0.08 0.00	26.19 0.36 0.00	27.99 0.49 0.00	29.14 0.46 -0.19	31.83 0.50 -0.11	33.86 0.60 0.00	34.36 0.61 0.00	37.09 0.83 0.00	38.93 0.80 0.00	41.33 1.09 0.00	46.31 1.13 0.00	48.46 1.31 -0.26	58.54 1.79 -2.45	58.19 2.25 -2.47	54.32 2.01 -0.85	49.88 1.76 -0.45	41.74 1.37 0.00	37.51 1.30 0.00	33.77 0.97 -0.34	29.98 0.78 -0.42
EUCLID____115KV_TB2 356179	27.84 -0.48 0.00	25.62 -0.50 -0.02	25.24 -0.59 -0.05	24.84 -0.69 0.00	24.84 -0.66 0.00	25.34 -0.49 0.00	27.06 -0.44 0.00	28.08 -0.48 -0.08	30.76 -0.50 -0.04	32.77 -0.50 0.00	33.25 -0.51 0.00	35.85 -0.40 0.00	37.64 -0.50 0.00	39.89 -0.36 0.00	44.72 -0.45 0.00	46.63 -0.47 -0.22	54.84 -0.38 -0.92	54.19 -0.16 -0.87	51.79 -0.36 -0.69	47.66 -0.38 -0.37	39.97 -0.40 0.00	35.95 -0.25 0.00	32.10 -0.36 0.00	28.44 -0.35 0.00
E_CANADA_CAP_HY 24051	30.19 1.87 0.00	28.28 1.78 -0.41	28.48 1.65 -1.05	27.08 1.56 0.00	27.06 1.56 0.00	27.56 1.73 0.00	29.48 1.98 0.00	31.82 1.80 -1.54	33.96 1.87 -0.87	35.23 1.96 0.00	35.75 1.99 0.00	38.43 2.17 0.00	40.54 2.40 0.00	42.74 2.50 0.00	48.20 3.03 0.00	50.40 3.52 0.00	75.13 4.50 -16.33	75.56 4.76 -17.33	56.24 4.63 -0.14	51.86 4.20 0.00	44.08 3.71 0.00	39.54 3.33 0.00	39.51 2.86 -4.20	36.26 2.36 -5.11
E_CANADA_MHWK_HY 24050	28.75 0.43 0.00	26.46 0.37 0.00	26.11 0.33 0.00	25.81 0.28 0.00	25.75 0.25 0.00	26.14 0.31 0.00	27.77 0.27 0.00	28.77 0.28 0.00	31.69 0.47 0.00	33.83 0.56 0.00	34.36 0.61 0.00	36.94 0.69 0.00	38.89 0.76 0.00	41.05 0.80 0.00	46.17 0.99 0.00	47.92 1.03 0.00	55.28 0.98 0.00	54.55 1.07 0.00	52.44 0.98 0.00	48.38 0.72 0.00	40.90 0.52 0.00	36.61 0.40 0.00	32.75 0.29 0.00	29.01 0.23 0.00
E_FISHKILL____LBMP 23776	29.91 1.59 0.00	27.84 1.49 -0.26	27.79 1.34 -0.67	26.80 1.28 0.00	26.70 1.20 0.00	27.10 1.27 0.00	29.12 1.62 0.00	31.17 1.71 -0.98	33.61 1.84 -0.55	35.29 2.03 0.00	35.75 1.99 0.00	38.17 1.92 0.00	40.19 2.06 0.00	42.34 2.09 0.00	47.66 2.48 0.00	49.42 2.53 0.00	64.21 3.86 -6.05	63.70 3.80 -6.42	54.55 3.04 -0.05	49.86 2.19 0.00	42.31 1.94 0.00	37.91 1.70 0.00	35.77 1.75 -1.56	32.32 1.64 -1.89
FALCON____SEABRD_CC1 323796	28.61 0.28 0.00	26.30 0.21 0.00	26.17 0.39 0.00	26.01 0.48 0.00	26.09 0.59 0.00	26.29 0.47 0.00	27.85 0.36 0.00	29.26 0.77 0.00	32.06 0.84 0.00	34.10 0.83 0.00	34.70 0.94 0.00	37.19 0.94 0.00	39.39 1.26 0.00	41.78 1.53 0.00	46.49 1.31 0.00	48.25 1.36 0.00	54.73 0.43 0.00	53.64 0.16 0.00	52.19 0.72 0.00	48.52 0.86 0.00	41.02 0.64 0.00	36.21 0.00 0.00	32.30 -0.16 0.00	28.49 -0.29 0.00
FALCON____SEABRD_CC2 323797	28.61 0.28 0.00	26.30 0.21 0.00	26.17 0.39 0.00	26.01 0.48 0.00	26.09 0.59 0.00	26.29 0.47 0.00	27.85 0.36 0.00	29.26 0.77 0.00	32.06 0.84 0.00	34.10 0.83 0.00	34.70 0.94 0.00	37.19 0.94 0.00	39.39 1.26 0.00	41.78 1.53 0.00	46.49 1.31 0.00	48.25 1.36 0.00	54.73 0.43 0.00	53.64 0.16 0.00	52.19 0.72 0.00	48.52 0.86 0.00	41.02 0.64 0.00	36.21 0.00 0.00	32.30 -0.16 0.00	28.49 -0.29 0.00
FAR ROCKAWAY____4 23548	47.29 2.69 -16.28	36.85 2.43 -8.33	30.00 2.17 -2.05	29.46 2.09 -1.84	29.81 2.01 -2.29	27.97 2.12 -0.02	30.17 2.56 -0.11	33.47 2.68 -2.30	38.01 2.97 -3.83	45.54 2.96 -9.32	44.55 2.90 -7.89	45.66 2.94 -6.47	54.01 3.20 -12.67	57.32 3.30 -13.77	61.61 3.89 -12.55	67.87 3.99 -17.00	66.25 5.76 -6.19	65.85 5.78 -6.59	56.86 4.89 -0.51	51.67 3.67 -0.34	46.87 3.07 -3.43	44.91 2.72 -5.99	42.67 2.66 -7.55	39.85 2.53 -8.54
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.16 1.84 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.98 1.45 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.04 2.28 -0.54	35.83 2.56 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.43 3.25 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.55 4.81 -6.26	55.38 3.86 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.15 2.17 -1.52	32.61 1.99 -1.85
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.19 1.87 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.98 1.45 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.04 2.28 -0.54	35.83 2.56 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.43 3.25 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.60 4.87 -6.26	55.38 3.86 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.31 2.10 0.00	36.15 2.17 -1.52	32.61 1.99 -1.85
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.16 1.84 0.00	28.07 1.72 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.00 2.25 -0.54	35.79 2.53 0.00	36.22 2.46 0.00	38.68 2.43 0.00	40.72 2.59 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.03 3.14 0.00	65.14 4.94 -5.89	64.55 4.81 -6.26	55.32 3.81 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.12 2.14 -1.52	32.58 1.96 -1.85

FARRAGUT___LBMP 323566	30.14 1.81 0.00	28.07 1.72 -0.25	27.92 1.50 -0.65	26.93 1.40 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.19 2.43 0.00	38.64 2.39 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.08 4.89 -5.89	64.44 4.71 -6.26	55.27 3.76 -0.05	50.29 2.62 0.00	42.63 2.26 0.00	38.24 2.03 0.00	36.08 2.11 -1.52	32.56 1.93 -1.85
FENNER___WINDPWR 24204	28.75 0.43 0.00	26.38 0.26 -0.03	26.01 0.16 -0.07	25.60 0.08 0.00	25.60 0.10 0.00	26.11 0.28 0.00	27.88 0.38 0.00	29.02 0.43 -0.11	31.78 0.50 -0.06	33.86 0.60 0.00	34.43 0.67 0.00	37.09 0.83 0.00	39.05 0.91 0.00	41.37 1.13 0.00	46.44 1.26 0.00	48.49 1.41 -0.20	57.46 1.69 -1.47	56.97 2.03 -1.46	53.96 1.85 -0.64	49.63 1.62 -0.34	41.66 1.29 0.00	37.19 0.98 0.00	33.33 0.71 -0.16	29.52 0.55 -0.20
FIBERTEK___ENERGY 23856	28.13 -0.20 0.00	25.86 -0.26 -0.02	25.45 -0.39 -0.06	25.07 -0.46 0.00	25.07 -0.43 0.00	25.60 -0.23 0.00	27.33 -0.16 0.00	28.38 -0.20 -0.09	31.15 -0.12 -0.05	33.16 -0.10 0.00	33.69 -0.07 0.00	36.32 0.07 0.00	38.13 0.00 0.00	40.45 0.20 0.00	45.36 0.18 0.00	47.59 0.23 -0.47	56.67 0.38 -1.99	56.00 0.64 -1.88	53.37 0.41 -1.49	48.76 0.29 -0.81	40.53 0.16 0.00	36.46 0.25 0.00	32.52 0.06 0.00	28.84 0.06 0.00
FITZPATRICK____ 23598	27.47 -0.85 0.00	25.27 -0.84 -0.01	24.91 -0.90 -0.04	24.56 -0.97 0.00	24.53 -0.97 0.00	24.98 -0.85 0.00	26.65 -0.85 0.00	27.66 -0.88 -0.05	30.28 -0.97 -0.03	32.20 -1.07 0.00	32.74 -1.01 0.00	35.27 -0.98 0.00	37.06 -1.07 0.00	39.16 -1.08 0.00	43.91 -1.26 0.00	43.00 -1.31 2.57	42.00 -1.41 10.89	42.00 -1.18 10.30	42.00 -1.28 8.18	42.00 -1.24 4.43	39.28 -1.09 0.00	35.30 -0.90 0.00	31.58 -0.87 0.00	28.01 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	47.83 3.23 -16.28	37.34 2.92 -8.33	30.46 2.63 -2.05	29.92 2.55 -1.84	30.29 2.50 -2.29	28.43 2.58 -0.02	30.75 3.13 -0.11	34.13 3.33 -2.31	38.68 3.62 -3.84	46.68 4.09 -9.33	53.16 3.78 -15.62	59.30 3.77 -19.28	61.90 3.85 -19.92	64.14 4.02 -19.86	62.30 4.56 -12.57	68.55 4.64 -17.02	104.97 6.57 -44.09	115.33 6.58 -55.27	123.06 5.66 -65.94	95.88 4.43 -43.78	58.23 3.96 -13.90	62.92 3.73 -22.98	50.56 3.83 -14.27	40.85 3.51 -8.56
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.22 1.90 0.00	28.15 1.80 -0.25	28.03 1.60 -0.66	27.08 1.56 0.00	26.93 1.43 0.00	27.35 1.52 0.00	29.42 1.92 0.00	31.44 2.22 -0.96	33.98 2.22 -0.54	35.73 2.46 0.00	36.15 2.40 0.00	38.64 2.39 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	50.17 3.28 0.00	64.89 4.62 -5.98	64.42 4.60 -6.34	55.33 3.81 -0.05	50.52 2.86 0.00	42.84 2.46 0.00	38.34 2.14 0.00	36.14 2.14 -1.54	32.58 1.93 -1.87
FORT ORANGE____ 23900	29.43 1.10 0.00	27.54 1.12 -0.32	27.64 1.03 -0.83	26.60 1.07 0.00	26.52 1.02 0.00	26.89 1.06 0.00	28.74 1.24 0.00	30.95 1.25 -1.21	33.28 1.37 -0.68	34.60 1.33 0.00	35.07 1.32 0.00	37.52 1.27 0.00	39.50 1.37 0.00	41.54 1.29 0.00	46.85 1.67 0.00	48.71 1.83 0.00	69.26 2.45 -12.51	69.22 2.46 -13.28	53.73 2.16 -0.11	49.38 1.71 0.00	41.95 1.57 0.00	37.66 1.45 0.00	37.04 1.36 -3.22	33.94 1.24 -3.92
FORT_DRUM_COGEN 23780	28.15 -0.17 0.00	25.82 -0.29 -0.01	25.48 -0.34 -0.03	25.12 -0.41 0.00	25.07 -0.43 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.17 -0.37 -0.05	30.62 -0.62 -0.03	32.67 -0.60 0.00	33.38 -0.37 0.00	35.89 -0.36 0.00	37.90 -0.23 0.00	40.05 -0.20 0.00	45.00 -0.18 0.00	47.51 0.23 -0.39	56.13 0.16 -1.66	55.96 0.91 -1.58	53.85 1.13 -1.25	49.72 1.38 -0.68	41.46 1.09 0.00	36.68 0.47 0.00	32.72 0.26 0.00	28.81 0.03 0.00
FPL_FAR_ROCK_GT1 24212	47.20 2.60 -16.28	36.85 2.43 -8.33	30.00 2.17 -2.05	29.46 2.09 -1.84	29.81 2.01 -2.29	27.99 2.14 -0.02	30.17 2.56 -0.11	33.47 2.68 -2.30	38.01 2.97 -3.83	45.58 2.99 -9.32	44.51 2.87 -7.89	45.62 2.90 -6.47	54.01 3.20 -12.67	57.32 3.30 -13.77	61.61 3.89 -12.55	67.92 4.03 -17.00	66.19 5.70 -6.19	65.80 5.73 -6.59	56.76 4.79 -0.51	51.72 3.72 -0.34	46.86 3.07 -3.43	44.87 2.68 -5.99	42.61 2.60 -7.55	39.82 2.50 -8.54
FPL_FAR_ROCK_GT2 23815	47.20 2.60 -16.28	36.85 2.43 -8.33	30.00 2.17 -2.05	29.46 2.09 -1.84	29.81 2.01 -2.29	27.99 2.14 -0.02	30.17 2.56 -0.11	33.47 2.68 -2.30	38.01 2.97 -3.83	45.58 2.99 -9.32	44.51 2.87 -7.89	45.62 2.90 -6.47	54.01 3.20 -12.67	57.32 3.30 -13.77	61.61 3.89 -12.55	67.92 4.03 -17.00	66.19 5.70 -6.19	65.80 5.73 -6.59	56.76 4.79 -0.51	51.72 3.72 -0.34	46.86 3.07 -3.43	44.87 2.68 -5.99	42.61 2.60 -7.55	39.82 2.50 -8.54
FRANKLIN_FALL_HYD 24054	28.44 0.11 0.00	26.15 0.05 0.00	26.04 0.26 0.00	25.86 0.33 0.00	25.91 0.41 0.00	26.11 0.28 0.00	27.61 0.11 0.00	28.66 0.17 0.00	31.47 0.25 0.00	33.46 0.20 0.00	34.09 0.34 0.00	36.51 0.25 0.00	38.70 0.57 0.00	40.81 0.56 0.00	45.49 0.32 0.00	47.21 0.33 0.00	54.03 -0.27 0.00	53.00 -0.48 0.00	51.52 0.05 0.00	48.05 0.38 0.00	40.61 0.24 0.00	35.92 -0.29 0.00	32.10 -0.36 0.00	28.32 -0.46 0.00
FREEPORT_EQUS_GT1 23764	47.04 2.44 -16.28	36.72 2.30 -8.33	29.89 2.06 -2.05	29.36 1.99 -1.84	29.73 1.94 -2.29	27.89 2.04 -0.02	30.11 2.50 -0.11	33.44 2.65 -2.31	37.89 2.84 -3.83	45.75 3.16 -9.32	44.64 2.94 -7.95	45.79 2.97 -6.56	53.99 3.13 -12.73	57.24 3.18 -13.82	61.47 3.75 -12.55	67.73 3.85 -17.00	66.25 5.48 -6.46	65.88 5.46 -6.94	57.02 4.58 -0.98	51.84 3.53 -0.65	46.95 3.15 -3.43	45.11 2.79 -6.11	42.98 2.92 -7.60	39.97 2.65 -8.54
FREEPORT___CT2 23818	47.04 2.44 -16.28	36.72 2.30 -8.33	29.89 2.06 -2.05	29.36 1.99 -1.84	29.73 1.94 -2.29	27.89 2.04 -0.02	30.11 2.50 -0.11	33.44 2.65 -2.31	37.89 2.84 -3.83	45.75 3.16 -9.32	44.64 2.94 -7.95	45.79 2.97 -6.56	53.99 3.13 -12.73	57.24 3.18 -13.82	61.47 3.75 -12.55	67.73 3.85 -17.00	66.25 5.48 -6.46	65.88 5.46 -6.94	57.02 4.58 -0.98	51.84 3.53 -0.65	46.95 3.15 -3.43	45.11 2.79 -6.11	42.98 2.92 -7.60	39.97 2.65 -8.54
FRESHKLS_33_KV_LOAD 356253	30.51 2.18 -0.01	28.41 2.06 -0.26	28.26 1.83 -0.65	27.24 1.71 0.00	27.08 1.58 0.00	27.33 1.50 0.00	29.45 1.95 0.00	31.52 2.08 -0.95	33.90 2.15 -0.53	35.31 2.53 0.48	35.63 2.60 0.72	38.82 2.57 0.01	40.91 2.78 0.01	43.14 2.90 0.01	48.42 3.25 0.01	49.93 3.05 0.01	65.56 5.32 -5.94	64.97 5.19 -6.30	55.57 4.07 -0.04	50.37 2.72 0.01	42.79 2.42 0.01	38.31 2.10 0.00	36.42 2.43 -1.52	32.85 2.22 -1.85
FULTON COGEN____ 23766	27.67 -0.65 0.00	25.46 -0.65 -0.02	25.08 -0.75 -0.05	24.71 -0.82 0.00	24.71 -0.79 0.00	25.18 -0.65 0.00	26.89 -0.60 0.00	27.93 -0.63 -0.07	30.61 -0.66 -0.04	32.53 -0.73 0.00	33.05 -0.71 0.00	35.60 -0.65 0.00	37.41 -0.72 0.00	39.64 -0.60 0.00	44.45 -0.72 0.00	46.98 -0.75 -0.84	57.17 -0.71 -3.57	56.43 -0.43 -3.38	53.58 -0.57 -2.68	48.50 -0.62 -1.45	39.81 -0.57 0.00	35.81 -0.40 0.00	31.97 -0.49 0.00	28.38 -0.40 0.00

FULTON___LFGE 323630	30.99 2.66 0.00	28.98 2.51 -0.38	29.11 2.35 -0.99	27.77 2.25 0.00	27.74 2.24 0.00	28.23 2.40 0.00	30.27 2.78 0.00	32.41 2.48 -1.44	35.25 3.22 -0.82	36.43 3.16 0.00	36.96 3.21 0.00	39.88 3.62 0.00	42.02 3.89 0.00	44.27 4.02 0.00	50.06 4.88 0.00	52.70 5.81 0.00	77.81 5.81 -17.70	78.51 6.25 -18.78	57.95 6.33 -0.15	53.48 5.81 0.00	45.74 5.37 0.00	40.95 4.74 0.00	41.07 4.06 -4.55	37.69 3.37 -5.54
G.F.CEMENT___DRP 24184	30.33 2.01 0.00	28.36 1.93 -0.33	28.45 1.80 -0.87	27.29 1.76 0.00	27.23 1.73 0.00	27.61 1.78 0.00	29.53 2.03 0.00	31.78 2.02 -1.26	34.34 2.40 -0.72	35.76 2.49 0.00	36.22 2.46 0.00	38.86 2.61 0.00	40.84 2.71 0.00	42.74 2.50 0.00	48.38 3.21 0.00	50.50 3.61 0.00	77.59 4.45 -18.83	77.69 4.22 -19.98	56.11 4.48 -0.16	51.48 3.81 0.00	44.17 3.79 0.00	39.58 3.37 0.00	40.25 2.95 -4.84	37.21 2.53 -5.90
GARDENVILLE___LBMP 24039	28.44 0.11 0.00	25.85 -0.29 -0.04	25.00 -0.88 -0.10	24.45 -1.07 0.00	24.48 -1.02 0.00	25.62 -0.21 0.00	27.28 -0.22 0.00	27.95 -0.68 -0.15	30.46 -0.84 -0.08	33.10 -0.17 0.00	33.35 -0.41 0.00	36.80 0.54 0.00	38.06 -0.08 0.00	40.61 0.36 0.00	44.95 -0.23 0.00	46.42 -0.47 0.00	55.12 -0.11 -0.93	55.05 0.59 -0.99	51.63 0.15 -0.01	47.71 0.05 0.00	40.25 -0.12 0.00	36.57 0.36 0.00	32.66 -0.03 -0.24	28.93 -0.14 -0.29
GARDNVLA_35_KV_LD 355827	28.58 0.25 0.00	25.95 -0.18 -0.04	25.11 -0.77 -0.10	24.56 -0.97 0.00	24.58 -0.92 0.00	25.73 -0.10 0.00	27.42 -0.08 0.00	28.07 -0.57 -0.15	30.59 -0.72 -0.08	33.26 0.00 0.00	33.55 -0.20 0.00	37.05 0.80 0.00	38.32 0.19 0.00	40.89 0.64 0.00	45.27 0.09 0.00	46.70 -0.19 0.00	55.51 0.27 -0.94	55.43 0.96 -0.99	51.94 0.46 -0.01	48.00 0.33 0.00	40.49 0.12 0.00	36.75 0.54 0.00	32.83 0.13 -0.24	29.05 -0.03 -0.29
GELCKHM___115KV_LOAD 80723	27.96 -0.37 0.00	25.70 -0.42 -0.02	25.32 -0.52 -0.06	24.91 -0.61 0.00	24.91 -0.59 0.00	25.44 -0.39 0.00	27.14 -0.36 0.00	28.20 -0.37 -0.08	30.89 -0.37 -0.05	32.90 -0.37 0.00	33.42 -0.34 0.00	36.03 -0.22 0.00	37.83 -0.31 0.00	40.09 -0.16 0.00	44.95 -0.23 0.00	46.96 -0.23 -0.31	55.50 -0.11 -1.31	54.88 0.16 -1.24	52.40 -0.05 -0.98	48.05 -0.14 -0.53	40.17 -0.20 0.00	36.14 -0.07 0.00	32.26 -0.19 0.00	28.58 -0.20 0.00
GENERAL___MILLS 23808	28.52 0.20 0.00	25.87 -0.26 -0.04	25.03 -0.85 -0.10	24.50 -1.02 0.00	24.53 -0.97 0.00	25.67 -0.15 0.00	27.36 -0.14 0.00	28.01 -0.63 -0.15	30.52 -0.78 -0.08	33.20 -0.07 0.00	33.49 -0.27 0.00	36.94 0.69 0.00	38.21 0.08 0.00	40.77 0.52 0.00	45.09 -0.09 0.00	46.56 -0.33 0.00	55.34 0.11 -0.93	55.27 0.80 -0.99	51.78 0.31 -0.01	47.86 0.19 0.00	40.37 0.00 0.00	36.68 0.47 0.00	32.76 0.06 -0.24	28.99 -0.09 -0.29
GE_PLASTICS___DRP 24183	29.40 1.08 0.00	27.46 1.04 -0.32	27.59 0.98 -0.83	26.52 1.00 0.00	26.44 0.94 0.00	26.79 0.96 0.00	28.63 1.13 0.00	30.84 1.14 -1.21	33.15 1.25 -0.69	34.43 1.16 0.00	34.94 1.18 0.00	37.38 1.12 0.00	39.31 1.18 0.00	41.37 1.13 0.00	46.62 1.45 0.00	48.39 1.50 0.00	67.79 2.12 -11.37	67.68 2.14 -12.07	53.36 1.80 -0.10	49.05 1.38 0.00	41.66 1.29 0.00	37.40 1.19 0.00	36.55 1.17 -2.92	33.44 1.09 -3.56
GILBOA___1 23756	29.29 0.96 0.00	27.39 1.04 -0.24	27.52 1.11 -0.64	26.60 1.07 0.00	26.52 1.02 0.00	26.84 1.01 0.00	28.52 1.02 0.00	30.47 1.05 -0.93	32.90 1.16 -0.53	34.53 1.26 0.00	34.90 1.15 0.00	37.41 1.16 0.00	39.39 1.26 0.00	41.45 1.21 0.00	46.58 1.40 0.00	48.29 1.41 0.00	61.65 1.95 -5.40	61.19 1.98 -5.73	53.05 1.54 -0.05	49.00 1.33 0.00	41.58 1.21 0.00	37.33 1.12 0.00	34.95 1.10 -1.39	31.51 1.03 -1.69
GILBOA___2 23757	29.29 0.96 0.00	27.39 1.04 -0.24	27.52 1.11 -0.64	26.60 1.07 0.00	26.52 1.02 0.00	26.84 1.01 0.00	28.52 1.02 0.00	30.47 1.05 -0.93	32.90 1.16 -0.53	34.53 1.26 0.00	34.90 1.15 0.00	37.41 1.16 0.00	39.39 1.26 0.00	41.45 1.21 0.00	46.58 1.40 0.00	48.29 1.41 0.00	61.65 1.95 -5.40	61.19 1.98 -5.73	53.05 1.54 -0.05	49.00 1.33 0.00	41.58 1.21 0.00	37.33 1.12 0.00	34.95 1.10 -1.39	31.51 1.03 -1.69
GILBOA___3 23758	29.29 0.96 0.00	27.39 1.04 -0.24	27.52 1.11 -0.64	26.60 1.07 0.00	26.52 1.02 0.00	26.84 1.01 0.00	28.52 1.02 0.00	30.47 1.05 -0.93	32.90 1.16 -0.53	34.53 1.26 0.00	34.90 1.15 0.00	37.41 1.16 0.00	39.39 1.26 0.00	41.45 1.21 0.00	46.58 1.40 0.00	48.29 1.41 0.00	61.65 1.95 -5.40	61.19 1.98 -5.73	53.05 1.54 -0.05	49.00 1.33 0.00	41.58 1.21 0.00	37.33 1.12 0.00	34.95 1.10 -1.39	31.51 1.03 -1.69
GILBOA___4 23759	29.29 0.96 0.00	27.39 1.04 -0.24	27.52 1.11 -0.64	26.60 1.07 0.00	26.52 1.02 0.00	26.84 1.01 0.00	28.52 1.02 0.00	30.47 1.05 -0.93	32.90 1.16 -0.53	34.53 1.26 0.00	34.90 1.15 0.00	37.41 1.16 0.00	39.39 1.26 0.00	41.45 1.21 0.00	46.58 1.40 0.00	48.29 1.41 0.00	61.65 1.95 -5.40	61.19 1.98 -5.73	53.05 1.54 -0.05	49.00 1.33 0.00	41.58 1.21 0.00	37.33 1.12 0.00	34.95 1.10 -1.39	31.51 1.03 -1.69
GILBOA___ 23599	29.31 0.99 0.00	27.38 1.04 -0.24	27.52 1.11 -0.64	26.60 1.07 0.00	26.52 1.02 0.00	26.84 1.01 0.00	28.52 1.02 0.00	30.47 1.05 -0.93	32.90 1.16 -0.53	34.49 1.23 0.00	34.94 1.18 0.00	37.41 1.16 0.00	39.35 1.22 0.00	41.46 1.21 0.00	46.58 1.40 0.00	48.25 1.36 0.00	61.65 1.95 -5.39	61.18 1.98 -5.72	53.11 1.60 -0.05	49.00 1.33 0.00	41.58 1.21 0.00	37.33 1.12 0.00	34.98 1.14 -1.39	31.54 1.06 -1.69
GINNA___ 23603	26.96 -1.36 0.00	24.64 -1.49 -0.03	24.15 -1.70 -0.07	23.51 -2.02 0.00	23.48 -2.02 0.00	24.25 -1.58 0.00	25.93 -1.57 0.00	27.00 -1.59 -0.11	29.56 -1.72 -0.06	31.23 -2.03 0.00	31.93 -1.82 0.00	34.76 -1.49 0.00	36.34 -1.79 0.00	38.48 -1.77 0.00	43.05 -2.12 0.00	44.64 -2.25 0.00	52.76 -2.17 -0.63	52.43 -1.71 -0.67	49.62 -1.85 -0.01	45.95 -1.71 0.00	38.72 -1.66 0.00	35.08 -1.12 0.00	31.35 -1.27 -0.16	27.77 -1.21 -0.20
GLEN PARK___ 23778	28.24 -0.08 0.00	25.87 -0.24 -0.01	25.53 -0.28 -0.03	25.14 -0.38 0.00	25.09 -0.41 0.00	25.62 -0.21 0.00	27.22 -0.27 0.00	28.22 -0.31 -0.05	30.69 -0.56 -0.03	32.73 -0.53 0.00	33.52 -0.23 0.00	36.04 -0.22 0.00	38.06 -0.08 0.00	40.21 -0.04 0.00	45.18 0.00 0.00	47.82 0.52 -0.41	56.53 0.49 -1.74	56.52 1.39 -1.65	54.32 1.54 -1.31	50.18 1.81 -0.71	41.82 1.45 0.00	36.97 0.76 0.00	32.91 0.45 0.00	28.96 0.17 0.00
GLENDALE_27_KV_LOAD 356172	30.43 2.10 -0.01	28.31 1.96 -0.26	28.15 1.73 -0.65	27.16 1.63 0.00	27.03 1.53 0.00	27.35 1.52 0.00	29.56 2.06 0.00	31.72 2.28 -0.95	34.19 2.44 -0.54	36.09 2.83 0.00	36.57 2.80 -0.01	39.01 2.76 0.00	41.07 2.94 0.00	43.27 3.02 0.00	48.74 3.57 0.00	50.31 3.42 0.00	65.74 5.54 -5.90	65.14 5.40 -6.26	55.79 4.27 -0.05	50.67 3.00 0.00	42.96 2.58 0.00	38.52 2.32 0.00	36.45 2.47 -1.52	32.88 2.24 -1.85

GLENWOOD_IC_1_G5 23712	46.61 2.01 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.13 1.76 -1.84	29.48 1.68 -2.29	27.63 1.78 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.30	37.61 2.56 -3.83	45.28 2.69 -9.32	44.36 2.67 -7.94	45.49 2.68 -6.56	53.75 2.90 -12.72	57.04 2.98 -13.81	61.25 3.52 -12.55	67.45 3.56 -17.00	65.96 5.21 -6.45	65.54 5.13 -6.92	56.64 4.22 -0.95	51.40 3.10 -0.63	46.46 2.66 -3.43	44.67 2.35 -6.10	42.43 2.37 -7.60	39.45 2.13 -8.54
GLENWOOD_IC_2_G1 23688	46.50 1.90 -16.28	36.30 1.88 -8.33	29.50 1.67 -2.05	28.95 1.58 -1.84	29.30 1.50 -2.29	27.48 1.63 -0.02	29.68 2.06 -0.11	32.98 2.19 -2.30	37.42 2.37 -3.83	45.24 2.66 -9.32	44.18 2.53 -7.89	45.26 2.54 -6.47	53.59 2.78 -12.67	56.84 2.82 -13.77	61.02 3.30 -12.55	67.26 3.38 -17.00	65.49 4.99 -6.19	64.94 4.87 -6.59	55.99 4.02 -0.51	50.96 2.96 -0.34	46.34 2.54 -3.43	44.44 2.25 -5.99	42.25 2.24 -7.55	39.39 2.07 -8.54
GLENWOOD_IC_3_G1 23689	46.50 1.90 -16.28	36.30 1.88 -8.33	29.50 1.67 -2.05	28.95 1.58 -1.84	29.30 1.50 -2.29	27.48 1.63 -0.02	29.68 2.06 -0.11	32.98 2.19 -2.30	37.42 2.37 -3.83	45.24 2.66 -9.32	44.18 2.53 -7.89	45.26 2.54 -6.47	53.59 2.78 -12.67	56.84 2.82 -13.77	61.02 3.30 -12.55	67.26 3.38 -17.00	65.49 4.99 -6.19	64.94 4.87 -6.59	55.99 4.02 -0.51	50.96 2.96 -0.34	46.34 2.54 -3.43	44.44 2.25 -5.99	42.25 2.24 -7.55	39.39 2.07 -8.54
GLENWOOD___4 23550	46.70 2.10 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.13 1.76 -1.84	29.48 1.68 -2.29	27.63 1.78 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.30	37.61 2.56 -3.83	45.35 2.76 -9.32	44.47 2.77 -7.94	45.60 2.79 -6.56	53.83 2.97 -12.72	57.16 3.10 -13.81	61.34 3.61 -12.55	67.59 3.70 -17.00	66.07 5.32 -6.45	65.70 5.29 -6.92	56.79 4.37 -0.95	51.54 3.24 -0.63	46.54 2.75 -3.43	44.74 2.43 -6.10	42.49 2.43 -7.60	39.54 2.22 -8.54
GLENWOOD___5 23614	46.70 2.10 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.13 1.76 -1.84	29.48 1.68 -2.29	27.63 1.78 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.30	37.61 2.56 -3.83	45.35 2.76 -9.32	44.47 2.77 -7.94	45.60 2.79 -6.56	53.83 2.97 -12.72	57.16 3.10 -13.81	61.34 3.61 -12.55	67.59 3.70 -17.00	66.07 5.32 -6.45	65.70 5.29 -6.92	56.79 4.37 -0.95	51.54 3.24 -0.63	46.54 2.75 -3.43	44.74 2.43 -6.10	42.49 2.43 -7.60	39.54 2.22 -8.54
GLOBAL GREEN_PORT_GT1 23814	49.16 4.56 -16.28	38.60 4.17 -8.33	31.64 3.81 -2.05	31.06 3.70 -1.84	31.47 3.67 -2.29	29.62 3.77 -0.02	32.01 4.40 -0.11	35.50 4.70 -2.31	40.33 5.28 -3.84	48.71 6.12 -9.33	53.36 5.91 -13.70	58.54 6.20 -16.09	62.85 6.60 -18.12	65.52 7.82 -18.35	65.55 7.82 -12.56	71.91 8.02 -17.01	99.25 10.27 -34.68	106.99 10.32 -43.18	110.41 9.26 -49.69	88.47 7.82 -32.99	59.60 6.78 -12.45	61.01 6.05 -18.76	50.77 5.71 -12.60	42.40 5.07 -8.55
GLOBE___DSASP 323697	27.42 -0.91 0.00	25.32 -0.81 -0.04	24.61 -1.26 -0.09	23.87 -1.66 0.00	23.89 -1.61 0.00	25.03 -0.80 0.00	26.37 -1.13 0.00	27.17 -1.45 -0.14	29.52 -1.78 -0.08	31.77 -1.50 0.00	31.93 -1.82 0.00	35.24 -1.02 0.00	36.30 -1.83 0.00	38.68 -1.57 0.00	42.78 -2.39 0.00	44.17 -2.72 0.00	52.43 -2.72 -0.84	52.45 -1.93 -0.90	49.21 -2.26 -0.01	45.71 -1.95 0.00	38.60 -1.78 0.00	35.19 -1.01 0.00	31.44 -1.23 -0.22	27.92 -1.12 -0.26
GOETHSLN___LBMP 323567	29.97 1.64 0.00	27.91 1.57 -0.25	27.74 1.31 -0.65	26.78 1.25 0.00	26.65 1.15 0.00	27.07 1.24 0.00	29.23 1.73 0.00	31.35 1.91 -0.95	33.82 2.06 -0.54	35.09 2.30 0.47	35.27 2.23 0.72	38.39 2.14 0.00	40.46 2.33 0.00	42.62 2.37 0.00	48.02 2.85 0.00	49.70 2.81 0.00	64.76 4.56 -5.89	64.12 4.39 -6.26	54.91 3.40 -0.05	50.00 2.34 0.00	42.39 2.02 0.00	37.98 1.77 0.00	35.89 1.92 -1.52	32.38 1.76 -1.85
GOLAH___69_KV_TB 1_2 80279	28.49 0.17 0.00	26.15 0.03 -0.03	25.52 -0.34 -0.08	24.81 -0.71 0.00	24.84 -0.66 0.00	25.78 -0.05 0.00	27.47 -0.03 0.00	28.46 -0.14 -0.11	31.16 -0.12 -0.06	33.03 -0.23 0.00	33.45 -0.30 0.00	36.51 0.25 0.00	37.90 -0.23 0.00	40.37 0.12 0.00	45.00 -0.18 0.00	46.65 -0.23 0.00	54.85 -0.11 -0.66	54.60 0.43 -0.70	51.68 0.21 -0.01	47.86 0.19 0.00	40.37 0.00 0.00	36.61 0.40 0.00	32.63 0.00 -0.17	29.02 0.03 -0.21
GOODYEAR_LAKE_HYD 323669	29.46 1.13 0.00	27.16 1.02 -0.04	26.79 0.90 -0.11	26.37 0.84 0.00	26.32 0.82 0.00	26.86 1.03 0.00	28.68 1.18 0.00	29.88 1.23 -0.17	32.59 1.28 -0.09	34.79 1.53 0.00	35.27 1.52 0.00	37.92 1.67 0.00	39.92 1.79 0.00	42.22 1.97 0.00	47.53 2.35 0.00	49.49 2.53 -0.07	64.76 3.26 -7.20	64.57 3.48 -7.61	54.94 3.19 -0.29	50.46 2.67 -0.12	42.67 2.30 0.00	38.05 1.85 0.00	35.82 1.59 -1.77	32.27 1.32 -2.16
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.66 0.34 0.00	26.33 0.16 -0.07	25.87 -0.10 -0.19	25.40 -0.13 0.00	25.37 -0.13 0.00	26.01 0.18 0.00	27.80 0.30 0.00	28.94 0.17 -0.28	31.56 0.19 -0.16	33.73 0.47 0.00	34.16 0.41 0.00	36.94 0.69 0.00	38.67 0.53 0.00	41.05 0.80 0.00	45.90 0.72 0.00	47.81 0.75 -0.18	58.24 1.25 -2.69	57.85 1.60 -2.77	53.28 1.24 -0.58	48.92 0.95 -0.30	41.10 0.73 0.00	37.04 0.83 0.00	33.58 0.62 -0.50	29.88 0.49 -0.61
GOUDEY___7 23579	28.69 0.37 0.00	26.35 0.18 -0.07	25.89 -0.08 -0.19	25.42 -0.10 0.00	25.40 -0.10 0.00	26.04 0.21 0.00	27.83 0.33 0.00	28.97 0.20 -0.28	31.63 0.25 -0.16	33.76 0.50 0.00	34.19 0.44 0.00	36.98 0.73 0.00	38.74 0.61 0.00	41.09 0.85 0.00	45.99 0.81 0.00	47.91 0.84 -0.18	58.35 1.36 -2.69	57.96 1.71 -2.77	53.33 1.29 -0.58	48.97 1.00 -0.30	41.18 0.81 0.00	37.08 0.87 0.00	33.64 0.68 -0.50	29.91 0.52 -0.61
GOUDEY___8 23580	28.66 0.34 0.00	26.33 0.16 -0.07	25.87 -0.10 -0.19	25.40 -0.13 0.00	25.37 -0.13 0.00	26.01 0.18 0.00	27.80 0.30 0.00	28.94 0.17 -0.28	31.56 0.19 -0.16	33.73 0.47 0.00	34.16 0.41 0.00	36.94 0.69 0.00	38.67 0.53 0.00	41.05 0.80 0.00	45.90 0.72 0.00	47.81 0.75 -0.18	58.24 1.25 -2.69	57.85 1.60 -2.77	53.28 1.24 -0.58	48.92 0.95 -0.30	41.10 0.73 0.00	37.04 0.83 0.00	33.58 0.62 -0.50	29.88 0.49 -0.61
GOWANUS_GT1_1 24077	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT1_2 24078	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85

GOWANUS_GT1_3 24079	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT1_4 24080	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT1_5 24084	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT1_6 24111	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT1_7 24112	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT1_8 24113	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT2_1 24114	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_2 24115	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_3 24116	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_4 24117	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_5 24118	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_6 24119	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_7 24120	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT2_8 24121	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_1 24122	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85

GOWANUS_GT3_2 24123	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_3 24124	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_4 24125	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_5 24126	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_6 24127	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_7 24128	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT3_8 24129	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
GOWANUS_GT4_1 24130	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_2 24131	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_3 24132	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_4 24133	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_5 24134	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_6 24135	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_7 24136	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GOWANUS_GT4_8 24137	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85

GREENBSH_115KV_TB3 55895	29.34 1.02 0.00	27.41 0.99 -0.32	27.54 0.93 -0.83	26.47 0.94 0.00	26.39 0.89 0.00	26.76 0.93 0.00	28.57 1.07 0.00	30.82 1.11 -1.22	33.13 1.22 -0.69	34.33 1.06 0.00	34.84 1.08 0.00	37.27 1.02 0.00	39.24 1.11 0.00	41.25 1.01 0.00	46.49 1.31 0.00	48.29 1.41 0.00	69.10 2.01 -12.79	69.03 1.98 -13.58	53.27 1.70 -0.11	48.95 1.29 0.00	41.54 1.17 0.00	37.29 1.09 0.00	36.85 1.10 -3.29	33.80 1.01 -4.01
GREENDGE_115KV_TB5 80291	28.58 0.25 0.00	26.11 -0.03 -0.05	25.54 -0.36 -0.12	25.01 -0.51 0.00	25.04 -0.46 0.00	25.88 0.05 0.00	27.72 0.22 0.00	28.72 0.06 -0.17	31.51 0.19 -0.10	33.56 0.30 0.00	34.03 0.27 0.00	36.76 0.51 0.00	38.40 0.27 0.00	40.85 0.60 0.00	45.63 0.45 0.00	47.50 0.47 -0.14	56.95 0.92 -1.73	56.74 1.50 -1.76	53.12 1.18 -0.47	48.91 1.00 -0.25	41.06 0.69 0.00	37.33 1.12 0.00	33.49 0.75 -0.29	29.71 0.58 -0.35
GREENIDGE___3 23582	28.58 0.25 0.00	26.11 -0.03 -0.05	25.54 -0.36 -0.12	25.01 -0.51 0.00	25.04 -0.46 0.00	25.88 0.05 0.00	27.72 0.22 0.00	28.72 0.06 -0.17	31.51 0.19 -0.10	33.56 0.30 0.00	34.03 0.27 0.00	36.76 0.51 0.00	38.40 0.27 0.00	40.85 0.60 0.00	45.63 0.45 0.00	47.50 0.47 -0.14	56.95 0.92 -1.73	56.74 1.50 -1.76	53.12 1.18 -0.47	48.91 1.00 -0.25	41.06 0.69 0.00	37.33 1.12 0.00	33.49 0.75 -0.29	29.71 0.58 -0.35
GREENIDGE___4 23583	28.72 0.40 0.00	26.11 -0.03 -0.05	25.54 -0.36 -0.12	25.02 -0.51 0.00	25.04 -0.46 0.00	25.88 0.05 0.00	27.72 0.22 0.00	28.72 0.06 -0.17	31.51 0.19 -0.10	33.46 0.20 0.00	34.06 0.30 0.00	36.80 0.54 0.00	38.55 0.42 0.00	40.85 0.60 0.00	45.63 0.45 0.00	47.46 0.42 -0.15	56.97 0.92 -1.75	56.86 1.60 -1.78	53.13 1.18 -0.48	48.97 1.05 -0.25	41.10 0.73 0.00	37.33 1.12 0.00	33.56 0.81 -0.29	29.74 0.61 -0.35
GREENLWN_69_KV_BK 3 55738	47.23 2.63 -16.28	36.82 2.40 -8.33	29.97 2.14 -2.05	29.43 2.07 -1.84	29.78 1.99 -2.29	27.94 2.09 -0.02	30.20 2.58 -0.11	33.57 2.76 -2.31	37.99 2.93 -3.84	45.92 3.33 -9.33	44.01 3.21 -7.05	44.52 3.19 -5.08	53.37 3.36 -11.89	56.86 3.50 -13.11	61.79 4.07 -12.55	68.01 4.13 -17.00	62.22 5.86 -2.06	60.64 5.88 -1.28	49.88 5.04 6.63	47.12 3.86 4.40	45.25 3.15 -1.73	43.31 2.97 -4.14	42.30 3.02 -6.83	40.06 2.73 -8.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85
GRISSOM___SOLAR 323813	30.99 2.66 0.00	28.98 2.51 -0.38	29.11 2.35 -0.99	27.77 2.25 0.00	27.74 2.24 0.00	28.23 2.40 0.00	30.27 2.78 0.00	32.41 2.48 -1.44	35.25 3.22 -0.82	36.43 3.16 0.00	36.96 3.21 0.00	39.88 3.62 0.00	42.02 3.89 0.00	44.27 4.02 0.00	50.06 4.88 0.00	52.70 5.81 0.00	77.81 5.81 -17.70	78.51 6.25 -18.78	57.95 6.33 -0.15	53.48 5.81 0.00	45.74 5.37 0.00	40.95 4.74 0.00	41.07 4.06 -4.55	37.69 3.37 -5.54
GROVEVILLE___HYD 323602	30.22 1.90 0.00	28.15 1.80 -0.25	28.03 1.60 -0.66	27.08 1.56 0.00	26.93 1.43 0.00	27.35 1.52 0.00	29.42 1.92 0.00	31.44 1.99 -0.96	33.98 2.22 -0.54	35.73 2.46 0.00	36.15 2.40 0.00	38.64 2.39 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	50.17 3.28 0.00	64.89 4.62 -5.98	64.42 4.60 -6.34	55.33 3.81 -0.05	50.52 2.86 0.00	42.84 2.46 0.00	38.34 2.14 0.00	36.14 2.14 -1.54	32.58 1.93 -1.87
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.13 -0.20 0.00	25.86 -0.26 -0.02	25.45 -0.39 -0.06	25.07 -0.46 0.00	25.07 -0.43 0.00	25.60 -0.23 0.00	27.33 -0.16 0.00	28.38 -0.20 -0.09	31.15 -0.12 -0.05	33.16 -0.10 0.00	33.69 -0.07 0.00	36.32 0.07 0.00	38.13 0.00 0.00	40.45 0.20 0.00	45.36 0.18 0.00	47.59 0.23 -0.47	56.67 0.38 -1.99	56.00 0.64 -1.88	53.37 0.41 -1.49	48.76 0.29 -0.81	40.53 0.16 0.00	36.46 0.25 0.00	32.52 0.06 0.00	28.84 0.06 0.00
HAMLTNNY_34_KV_TB 80303	28.24 -0.08 0.00	25.96 -0.16 -0.03	25.56 -0.28 -0.07	25.12 -0.41 0.00	25.14 -0.36 0.00	25.70 -0.13 0.00	27.47 -0.03 0.00	28.53 -0.06 -0.10	31.24 -0.03 -0.05	33.30 0.03 0.00	33.79 0.03 0.00	36.47 0.22 0.00	38.28 0.15 0.00	40.61 0.36 0.00	45.49 0.32 0.00	47.79 0.42 -0.48	57.61 0.71 -2.61	57.03 1.02 -2.53	53.73 0.72 -1.55	49.07 0.57 -0.83	40.78 0.40 0.00	36.71 0.51 0.00	32.86 0.26 -0.14	29.16 0.20 -0.17
HAMPSHIRE___PAPER_HYD 323593	28.01 -0.31 0.00	25.74 -0.37 -0.01	25.51 -0.28 -0.02	25.25 -0.28 0.00	25.22 -0.28 0.00	25.52 -0.31 0.00	27.00 -0.49 0.00	27.91 -0.60 -0.02	30.48 -0.75 -0.01	32.47 -0.80 0.00	33.08 -0.67 0.00	35.42 -0.83 0.00	37.26 -0.88 0.00	39.40 -0.85 0.00	44.09 -1.08 0.00	46.17 -0.89 -0.18	53.69 -1.36 -0.74	53.00 -1.18 -0.70	51.30 -0.72 -0.56	47.58 -0.38 -0.30	40.01 -0.36 0.00	35.63 -0.58 0.00	31.97 -0.49 0.00	28.23 -0.55 0.00
HARDSCRABBLE_WT_PWR 323673	28.72 0.40 0.00	26.41 0.31 0.00	26.06 0.28 0.00	25.75 0.23 0.00	25.70 0.20 0.00	26.09 0.26 0.00	27.72 0.22 0.00	28.72 0.23 0.00	31.62 0.40 0.00	33.79 0.53 0.00	34.36 0.61 0.00	36.90 0.65 0.00	38.89 0.76 0.00	41.05 0.80 0.00	46.13 0.95 0.00	47.92 1.03 0.00	55.22 0.92 0.00	54.49 1.01 0.00	52.34 0.87 0.00	48.28 0.62 0.00	40.82 0.44 0.00	36.50 0.29 0.00	32.62 0.16 0.00	28.93 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.82 1.50 0.00	27.76 1.44 -0.23	27.61 1.24 -0.60	26.70 1.17 0.00	26.60 1.10 0.00	26.99 1.16 0.00	29.04 1.54 0.00	30.98 1.62 -0.87	33.59 1.87 -0.49	35.39 2.13 0.00	35.81 2.06 0.00	38.32 2.07 0.00	40.34 2.21 0.00	42.50 2.25 0.00	47.89 2.71 0.00	49.70 2.81 0.00	63.85 4.13 -5.42	63.29 4.06 -5.75	54.86 3.35 -0.05	50.05 2.38 0.00	42.43 2.06 0.00	37.98 1.77 0.00	35.67 1.82 -1.39	32.12 1.64 -1.70
HARSNRAD_115KV_TB1 81005	28.15 -0.17 0.00	25.66 -0.47 -0.04	24.89 -0.98 -0.09	24.17 -1.35 0.00	24.20 -1.30 0.00	25.36 -0.46 0.00	26.95 -0.55 0.00	27.74 -0.88 -0.13	30.20 -1.09 -0.08	32.43 -0.83 0.00	32.68 -1.08 0.00	36.07 -0.18 0.00	37.22 -0.92 0.00	39.68 -0.56 0.00	43.91 -1.26 0.00	45.34 -1.55 0.00	53.77 -1.36 -0.83	53.72 -0.64 -0.88	50.55 -0.93 -0.01	46.85 -0.81 0.00	39.56 -0.81 0.00	36.03 -0.18 0.00	32.12 -0.55 -0.21	28.49 -0.55 -0.26
HARZA MOOSE___RIVER 24016	28.52 0.20 0.00	26.21 0.10 -0.01	25.85 0.05 -0.02	25.53 0.00 0.00	25.47 -0.03 0.00	25.93 0.10 0.00	27.61 0.11 0.00	28.69 0.17 -0.03	31.43 0.19 -0.02	33.53 0.27 0.00	34.13 0.37 0.00	36.65 0.40 0.00	38.67 0.53 0.00	40.89 0.64 0.00	45.99 0.81 0.00	48.05 1.03 -0.13	55.84 0.98 -0.56	55.35 1.34 -0.53	53.28 1.39 -0.42	49.18 1.29 -0.23	41.42 1.05 0.00	36.82 0.62 0.00	32.91 0.45 0.00	29.07 0.29 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	27.98 -0.34 0.00	25.75 -0.37 -0.02	25.35 -0.49 -0.06	24.94 -0.59 0.00	24.94 -0.56 0.00	25.47 -0.36 0.00	27.17 -0.33 0.00	28.20 -0.37 -0.08	30.89 -0.37 -0.05	32.90 -0.37 0.00	33.42 -0.34 0.00	36.03 -0.22 0.00	37.83 -0.31 0.00	40.13 -0.12 0.00	44.95 -0.23 0.00	46.90 -0.23 -0.25	55.31 -0.05 -1.06	54.70 0.21 -1.01	52.21 -0.05 -0.80	47.95 -0.14 -0.43	40.17 -0.20 0.00	36.14 -0.07 0.00	32.26 -0.19 0.00	28.58 -0.20 0.00
HELLGATE_13_KV_LD 55870	30.31 1.98 -0.01	28.21 1.85 -0.26	28.05 1.62 -0.65	27.06 1.53 0.00	26.93 1.43 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.00 2.25 -0.54	35.89 2.63 0.00	36.36 2.60 -0.01	38.79 2.54 0.00	40.80 2.67 0.00	42.98 2.74 0.00	48.43 3.25 0.00	49.98 3.09 0.00	65.31 5.10 -5.90	64.72 4.97 -6.26	55.43 3.91 -0.05	50.33 2.67 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.31 1.98 -0.01	28.21 1.85 -0.26	28.05 1.62 -0.65	27.06 1.53 0.00	26.93 1.43 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.00 2.25 -0.54	35.89 2.63 0.00	36.36 2.60 -0.01	38.79 2.54 0.00	40.80 2.67 0.00	42.98 2.74 0.00	48.43 3.25 0.00	49.98 3.09 0.00	65.31 5.10 -5.90	64.72 4.97 -6.26	55.43 3.91 -0.05	50.33 2.67 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.29 2.30 -1.52	32.74 2.10 -1.85
HEMPSTEAD____ 23647	46.70 2.10 -16.28	36.48 2.06 -8.33	29.69 1.86 -2.05	29.15 1.79 -1.84	29.50 1.71 -2.29	27.66 1.81 -0.02	29.87 2.26 -0.11	33.21 2.42 -2.31	37.61 2.56 -3.83	45.48 2.89 -9.32	44.43 2.73 -7.94	45.53 2.72 -6.56	53.79 2.94 -12.72	57.04 2.98 -13.81	61.25 3.53 -12.55	67.50 3.61 -17.00	65.97 5.21 -6.45	65.59 5.19 -6.92	56.74 4.32 -0.95	51.54 3.24 -0.63	46.58 2.78 -3.43	44.77 2.46 -6.10	42.59 2.53 -7.60	39.62 2.30 -8.54
HEWLETT_69_KV_BK3 55828	47.12 2.52 -16.28	36.72 2.30 -8.33	29.87 2.04 -2.05	29.33 1.97 -1.84	29.68 1.89 -2.29	27.86 2.01 -0.02	30.06 2.45 -0.11	33.35 2.56 -2.30	37.86 2.81 -3.83	45.54 2.96 -9.32	44.55 2.90 -7.89	45.66 2.94 -6.47	53.97 3.16 -12.67	57.28 3.26 -13.77	61.56 3.84 -12.55	67.82 3.94 -17.00	66.14 5.65 -6.19	65.74 5.67 -6.59	56.76 4.79 -0.51	51.62 3.62 -0.34	46.83 3.03 -3.43	44.87 2.68 -5.99	42.67 2.66 -7.55	39.82 2.50 -8.54
HICKLING___1 23621	28.95 0.62 0.00	26.39 0.23 -0.06	25.70 -0.23 -0.15	25.27 -0.26 0.00	25.30 -0.20 0.00	26.17 0.34 0.00	28.02 0.52 0.00	28.94 0.23 -0.22	31.59 0.25 -0.12	34.00 0.73 0.00	34.40 0.64 0.00	37.45 1.20 0.00	39.05 0.92 0.00	41.66 1.41 0.00	46.44 1.26 0.00	48.29 1.27 -0.14	58.42 2.06 -2.06	58.22 2.62 -2.12	53.99 2.06 -0.46	49.63 1.72 -0.24	41.70 1.33 0.00	37.73 1.52 0.00	33.94 1.10 -0.37	30.07 0.83 -0.46
HICKLING___2 23622	28.95 0.62 0.00	26.39 0.23 -0.06	25.70 -0.23 -0.15	25.27 -0.26 0.00	25.30 -0.20 0.00	26.17 0.34 0.00	28.02 0.52 0.00	28.94 0.23 -0.22	31.59 0.25 -0.12	34.00 0.73 0.00	34.40 0.64 0.00	37.45 1.20 0.00	39.05 0.92 0.00	41.66 1.41 0.00	46.44 1.26 0.00	48.29 1.27 -0.14	58.42 2.06 -2.06	58.22 2.62 -2.12	53.99 2.06 -0.46	49.63 1.72 -0.24	41.70 1.33 0.00	37.73 1.52 0.00	33.94 1.10 -0.37	30.07 0.83 -0.46
HIGH FALLS___HY 23754	29.82 1.50 0.00	27.75 1.41 -0.25	27.64 1.21 -0.65	26.70 1.17 0.00	26.55 1.05 0.00	26.97 1.14 0.00	28.98 1.48 0.00	30.97 1.54 -0.94	33.50 1.75 -0.53	35.29 2.03 0.00	35.68 1.92 0.00	38.14 1.89 0.00	40.15 2.02 0.00	42.34 2.09 0.00	47.34 2.17 0.00	49.18 2.30 0.00	64.26 3.53 -6.43	63.89 3.58 -6.83	54.45 2.93 -0.06	49.71 2.05 0.00	42.31 1.94 0.00	37.84 1.63 0.00	35.80 1.69 -1.65	32.32 1.53 -2.01
HILLBURN___GT 23639	29.68 1.36 0.00	27.71 1.38 -0.23	27.55 1.16 -0.61	26.62 1.10 0.00	26.52 1.02 0.00	26.94 1.11 0.00	29.01 1.51 0.00	30.97 1.59 -0.89	33.56 1.84 -0.50	35.39 2.13 0.00	35.75 1.99 0.00	38.21 1.96 0.00	40.30 2.17 0.00	42.46 2.21 0.00	47.80 2.62 0.00	49.60 2.72 0.00	63.78 3.96 -5.52	63.13 3.80 -5.86	54.50 2.98 -0.05	49.71 2.05 0.00	42.19 1.82 0.00	37.80 1.59 0.00	35.50 1.62 -1.42	32.03 1.52 -1.73
HILLSIDE_115KV_TB1 80332	28.41 0.08 0.00	25.95 -0.21 -0.06	25.29 -0.64 -0.16	24.89 -0.64 0.00	24.89 -0.61 0.00	25.73 -0.10 0.00	27.53 0.03 0.00	28.43 -0.28 -0.23	31.04 -0.31 -0.13	33.40 0.13 0.00	33.76 0.00 0.00	36.72 0.47 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.45 0.27 0.00	47.27 0.23 -0.15	57.20 0.76 -2.14	56.96 1.28 -2.19	52.77 0.82 -0.48	48.40 0.48 -0.25	40.70 0.32 0.00	36.82 0.62 0.00	33.24 0.39 -0.39	29.49 0.23 -0.47
HISHELDN_WT_PWR 323625	28.72 0.40 0.00	25.85 -0.29 -0.04	25.06 -0.83 -0.11	24.53 -1.00 0.00	24.53 -0.97 0.00	25.62 -0.21 0.00	27.28 -0.22 0.00	28.02 -0.63 -0.16	30.56 -0.75 -0.09	32.90 -0.37 0.00	33.48 -0.27 0.00	36.80 0.54 0.00	38.29 0.15 0.00	40.53 0.28 0.00	44.95 -0.22 0.00	46.37 -0.51 0.00	55.31 0.00 -1.00	55.35 0.80 -1.07	51.68 0.21 -0.01	47.90 0.24 0.00	40.41 0.04 0.00	36.68 0.47 0.00	32.85 0.13 -0.26	29.04 -0.06 -0.31
HOLTSVILLE_IC_1 23690	47.49 2.89 -16.28	37.16 2.74 -8.33	30.28 2.45 -2.05	29.71 2.35 -1.84	30.09 2.30 -2.29	28.25 2.40 -0.02	30.53 2.91 -0.11	33.90 3.11 -2.31	38.46 3.40 -3.83	46.45 3.86 -9.33	50.79 3.44 -13.59	55.54 3.37 -15.92	59.73 3.58 -18.02	62.14 3.62 -18.26	61.89 4.15 -12.56	68.12 4.22 -17.01	94.43 5.97 -34.16	101.92 5.94 -42.51	105.34 5.10 -48.78	84.10 4.05 -32.39	56.31 3.64 -12.30	58.02 3.29 -18.52	48.41 3.44 -12.51	40.53 3.19 -8.55
HOLTSVILLE_IC_10 23699	47.77 3.17 -16.28	37.37 2.95 -8.33	30.49 2.66 -2.05	29.92 2.55 -1.84	30.32 2.53 -2.29	28.46 2.61 -0.02	30.77 3.16 -0.11	34.16 3.36 -2.31	38.71 3.65 -3.84	46.75 4.16 -9.33	51.48 3.75 -13.98	56.54 3.73 -16.55	60.47 3.97 -18.38	62.88 4.06 -18.57	62.39 4.65 -12.56	68.63 4.73 -17.01	96.96 6.62 -36.04	105.03 6.63 -44.92	109.20 5.71 -52.02	86.83 4.62 -34.54	57.32 4.08 -12.87	59.30 3.73 -19.37	49.10 3.80 -12.84	40.82 3.48 -8.55
HOLTSVILLE_IC_2 23691	47.49 2.89 -16.28	37.16 2.74 -8.33	30.28 2.45 -2.05	29.71 2.35 -1.84	30.09 2.30 -2.29	28.25 2.40 -0.02	30.53 2.91 -0.11	33.90 3.11 -2.31	38.46 3.40 -3.83	46.45 3.86 -9.33	50.79 3.44 -13.59	55.54 3.37 -15.92	59.73 3.58 -18.02	62.14 3.62 -18.26	61.89 4.15 -12.56	68.12 4.22 -17.01	94.43 5.97 -34.16	101.92 5.94 -42.51	105.34 5.10 -48.78	84.10 4.05 -32.39	56.31 3.64 -12.30	58.02 3.29 -18.52	48.41 3.44 -12.51	40.53 3.19 -8.55
HOLTSVILLE_IC_3 23692	47.49 2.89 -16.28	37.16 2.74 -8.33	30.28 2.45 -2.05	29.71 2.35 -1.84	30.09 2.30 -2.29	28.25 2.40 -0.02	30.53 2.91 -0.11	33.90 3.11 -2.31	38.46 3.40 -3.83	46.45 3.86 -9.33	50.79 3.44 -13.59	55.54 3.37 -15.92	59.73 3.58 -18.02	62.14 3.62 -18.26	61.89 4.15 -12.56	68.12 4.22 -17.01	94.43 5.97 -34.16	101.92 5.94 -42.51	105.34 5.10 -48.78	84.10 4.05 -32.39	56.31 3.64 -12.30	58.02 3.29 -18.52	48.41 3.44 -12.51	40.53 3.19 -8.55

HOLTSVILLE_IC_4 23693	47.49 2.89 -16.28	37.16 2.74 -8.33	30.28 2.45 -2.05	29.71 2.35 -1.84	30.09 2.30 -2.29	28.25 2.40 -0.02	30.53 2.91 -0.11	33.90 3.11 -2.31	38.46 3.40 -3.83	46.45 3.86 -9.33	50.79 3.44 -13.59	55.54 3.37 -15.92	59.73 3.58 -18.02	62.14 3.62 -18.26	61.89 4.15 -12.56	68.12 4.22 -17.01	94.43 5.97 -34.16	101.92 5.94 -42.51	105.34 5.10 -48.78	84.10 4.05 -32.39	56.31 3.64 -12.30	58.02 3.29 -18.52	48.41 3.44 -12.51	40.53 3.19 -8.55
HOLTSVILLE_IC_5 23694	47.49 2.89 -16.28	37.16 2.74 -8.33	30.28 2.45 -2.05	29.71 2.35 -1.84	30.09 2.30 -2.29	28.25 2.40 -0.02	30.53 2.91 -0.11	33.90 3.11 -2.31	38.46 3.40 -3.83	46.45 3.86 -9.33	50.79 3.44 -13.59	55.54 3.37 -15.92	59.73 3.58 -18.02	62.14 3.62 -18.26	61.89 4.15 -12.56	68.12 4.22 -17.01	94.43 5.97 -34.16	101.92 5.94 -42.51	105.34 5.10 -48.78	84.10 4.05 -32.39	56.31 3.64 -12.30	58.02 3.29 -18.52	48.41 3.44 -12.51	40.53 3.19 -8.55
HOLTSVILLE_IC_6 23695	47.77 3.17 -16.28	37.37 2.95 -8.33	30.49 2.66 -2.05	29.92 2.55 -1.84	30.32 2.53 -2.29	28.46 2.61 -0.02	30.77 3.16 -0.11	34.16 3.36 -2.31	38.71 3.65 -3.84	46.75 4.16 -9.33	51.48 3.75 -13.98	56.54 3.73 -16.55	60.47 3.97 -18.38	62.88 4.06 -18.57	62.39 4.65 -12.56	68.63 4.73 -17.01	96.96 6.62 -36.04	105.03 6.63 -44.92	109.20 5.71 -52.02	86.83 4.62 -34.54	57.32 4.08 -12.87	59.30 3.73 -19.37	49.10 3.80 -12.84	40.82 3.48 -8.55
HOLTSVILLE_IC_7 23696	47.77 3.17 -16.28	37.37 2.95 -8.33	30.49 2.66 -2.05	29.92 2.55 -1.84	30.32 2.53 -2.29	28.46 2.61 -0.02	30.77 3.16 -0.11	34.16 3.36 -2.31	38.71 3.65 -3.84	46.75 4.16 -9.33	51.48 3.75 -13.98	56.54 3.73 -16.55	60.47 3.97 -18.38	62.88 4.06 -18.57	62.39 4.65 -12.56	68.63 4.73 -17.01	96.96 6.62 -36.04	105.03 6.63 -44.92	109.20 5.71 -52.02	86.83 4.62 -34.54	57.32 4.08 -12.87	59.30 3.73 -19.37	49.10 3.80 -12.84	40.82 3.48 -8.55
HOLTSVILLE_IC_8 23697	47.77 3.17 -16.28	37.37 2.95 -8.33	30.49 2.66 -2.05	29.92 2.55 -1.84	30.32 2.53 -2.29	28.46 2.61 -0.02	30.77 3.16 -0.11	34.16 3.36 -2.31	38.71 3.65 -3.84	46.75 4.16 -9.33	51.48 3.75 -13.98	56.54 3.73 -16.55	60.47 3.97 -18.38	62.88 4.06 -18.57	62.39 4.65 -12.56	68.63 4.73 -17.01	96.96 6.62 -36.04	105.03 6.63 -44.92	109.20 5.71 -52.02	86.83 4.62 -34.54	57.32 4.08 -12.87	59.30 3.73 -19.37	49.10 3.80 -12.84	40.82 3.48 -8.55
HOLTSVILLE_IC_9 23698	47.77 3.17 -16.28	37.37 2.95 -8.33	30.49 2.66 -2.05	29.92 2.55 -1.84	30.32 2.53 -2.29	28.46 2.61 -0.02	30.77 3.16 -0.11	34.16 3.36 -2.31	38.71 3.65 -3.84	46.75 4.16 -9.33	51.48 3.75 -13.98	56.54 3.73 -16.55	60.47 3.97 -18.38	62.88 4.06 -18.57	62.39 4.65 -12.56	68.63 4.73 -17.01	96.96 6.62 -36.04	105.03 6.63 -44.92	109.20 5.71 -52.02	86.83 4.62 -34.54	57.32 4.08 -12.87	59.30 3.73 -19.37	49.10 3.80 -12.84	40.82 3.48 -8.55
HOMER_HL_115KV_TB2 355744	28.52 0.20 0.00	25.54 -0.60 -0.04	24.50 -1.39 -0.11	24.48 -1.05 0.00	24.51 -0.99 0.00	25.62 -0.21 0.00	27.47 -0.03 0.00	27.66 -1.00 -0.17	30.13 -1.19 -0.09	33.03 -0.23 0.00	33.32 -0.44 0.00	36.61 0.36 0.00	37.98 -0.15 0.00	40.57 0.32 0.00	44.95 -0.23 0.00	46.42 -0.47 0.00	55.43 0.05 -1.08	55.32 0.70 -1.14	51.58 0.10 -0.01	47.47 -0.19 0.00	40.09 -0.28 0.00	36.35 0.14 0.00	32.90 0.16 -0.28	29.09 -0.03 -0.34
HOWARD_WT_PWR 323690	29.17 0.85 0.00	26.33 0.18 -0.05	25.54 -0.36 -0.13	25.07 -0.46 0.00	25.09 -0.41 0.00	26.09 0.26 0.00	27.91 0.41 0.00	28.70 0.03 -0.18	31.42 0.09 -0.10	33.83 0.56 0.00	34.43 0.67 0.00	37.63 1.38 0.00	39.32 1.18 0.00	41.69 1.45 0.00	46.31 1.13 0.00	48.02 1.03 -0.10	57.62 1.69 -1.64	57.68 2.51 -1.68	53.65 1.85 -0.34	49.61 1.76 -0.18	41.63 1.25 0.00	37.69 1.49 0.00	33.80 1.04 -0.31	30.02 0.86 -0.37
HQ_GEN_CEDARS 23644	28.27 -0.06 0.00	26.02 -0.08 0.00	25.88 0.10 0.00	25.70 0.18 0.00	25.70 0.20 0.00	25.86 0.03 0.00	27.31 -0.19 0.00	28.29 -0.20 0.00	31.03 -0.19 0.00	33.03 -0.23 0.00	33.59 -0.17 0.00	35.96 -0.29 0.00	38.06 -0.08 0.00	39.81 -0.44 0.00	44.50 -0.68 0.00	46.28 -0.61 0.00	52.89 -1.41 0.00	51.82 -1.66 0.00	50.33 -1.13 0.00	47.00 -0.67 0.00	39.81 -0.57 0.00	35.70 -0.51 0.00	32.07 -0.39 0.00	28.41 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	28.27 -0.06 0.00	26.02 -0.08 0.00	25.88 0.10 0.00	25.71 0.18 0.00	25.70 0.20 0.00	25.83 0.00 0.00	27.31 -0.19 0.00	28.29 -0.20 0.00	31.03 -0.19 0.00	33.03 -0.23 0.00	33.59 -0.17 0.00	35.96 -0.29 0.00	37.64 -0.50 0.00	39.81 -0.44 0.00	44.50 -0.68 0.00	47.72 -0.61 -1.44	51.45 -1.41 1.44	51.82 -1.66 0.00	50.38 -1.08 0.00	47.00 -0.67 0.00	39.42 -0.57 0.39	36.09 -0.51 -0.39	32.07 -0.39 0.00	28.41 -0.37 0.00
HQ_GEN_IMPORT 323601	28.04 -0.28 0.00	25.83 -0.26 0.00	25.65 -0.13 0.00	25.50 -0.03 0.00	25.50 0.00 0.00	25.65 -0.18 0.00	27.20 -0.30 0.00	28.18 -0.31 0.00	30.91 -0.31 0.00	32.90 -0.37 0.00	33.42 -0.34 0.00	35.85 -0.40 0.00	37.71 -0.42 0.00	39.81 -0.44 0.00	44.64 -0.54 0.00	48.94 -0.56 -2.62	50.54 -1.14 2.62	52.09 -1.39 0.00	50.54 -0.92 0.00	47.10 -0.57 0.00	39.50 -0.48 0.39	36.09 -0.51 -0.39	32.00 -0.45 0.00	28.38 -0.40 0.00
HQ_GEN_WHEEL 23651	28.04 -0.28 0.00	25.83 -0.26 0.00	25.65 -0.13 0.00	25.50 -0.03 0.00	25.50 0.00 0.00	25.65 -0.18 0.00	27.20 -0.30 0.00	28.18 -0.31 0.00	30.91 -0.31 0.00	32.90 -0.37 0.00	33.42 -0.34 0.00	35.85 -0.40 0.00	37.71 -0.42 0.00	39.81 -0.44 0.00	44.64 -0.54 0.00	48.94 -0.56 -2.62	50.54 -1.14 2.62	52.09 -1.39 0.00	50.54 -0.92 0.00	47.10 -0.57 0.00	39.50 -0.48 0.39	36.09 -0.51 -0.39	32.00 -0.45 0.00	28.38 -0.40 0.00
HUDSON_AVE_GT_3 23810	30.16 1.84 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.04 2.28 -0.54	35.83 2.56 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.60 4.87 -6.26	55.38 3.86 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.15 2.17 -1.52	32.61 1.99 -1.85
HUDSON_AVE_GT_4 23540	30.16 1.84 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.04 2.28 -0.54	35.83 2.56 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.60 4.87 -6.26	55.38 3.86 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.15 2.17 -1.52	32.61 1.99 -1.85
HUDSON_AVE_GT_5 23657	30.16 1.84 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.04 2.28 -0.54	35.83 2.56 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.60 4.87 -6.26	55.38 3.86 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.15 2.17 -1.52	32.61 1.99 -1.85

HUDSON_AVE_10 24168	30.08 1.76 0.00	28.02 1.67 -0.25	27.87 1.44 -0.65	26.88 1.35 0.00	26.77 1.27 0.00	27.17 1.34 0.00	29.34 1.84 0.00	31.46 2.02 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.15 2.40 0.00	38.54 2.28 0.00	40.61 2.48 0.00	42.78 2.54 0.00	48.25 3.07 0.00	49.89 3.00 0.00	65.03 4.83 -5.89	64.39 4.65 -6.26	55.22 3.71 -0.05	50.24 2.57 0.00	42.59 2.22 0.00	38.16 1.96 0.00	36.08 2.11 -1.52	32.53 1.90 -1.85
HUDSON___115KV_TB 4 355613	29.88 1.56 0.00	27.87 1.46 -0.31	27.95 1.37 -0.81	26.95 1.43 0.00	26.88 1.38 0.00	27.22 1.39 0.00	29.12 1.62 0.00	31.27 1.60 -1.18	33.67 1.78 -0.67	34.86 1.60 0.00	35.38 1.62 0.00	37.88 1.63 0.00	39.85 1.72 0.00	41.90 1.65 0.00	47.39 2.21 0.00	49.32 2.44 0.00	68.72 3.10 -11.33	68.65 3.16 -12.02	54.44 2.88 -0.10	50.19 2.53 0.00	42.63 2.26 0.00	38.24 2.03 0.00	37.19 1.82 -2.91	33.88 1.55 -3.55
HUNTER MOUNT___DRP 323613	30.02 1.70 0.00	27.99 1.59 -0.30	28.00 1.44 -0.78	27.08 1.56 0.00	27.00 1.50 0.00	27.38 1.55 0.00	29.29 1.79 0.00	31.31 1.68 -1.14	33.77 1.90 -0.65	35.03 1.76 0.00	35.54 1.79 0.00	38.03 1.78 0.00	40.00 1.87 0.00	42.02 1.77 0.00	47.57 2.39 0.00	49.56 2.67 0.00	67.82 3.26 -10.27	67.74 3.37 -10.89	54.74 3.19 -0.09	50.62 2.96 0.00	42.96 2.58 0.00	38.56 2.35 0.00	37.11 2.01 -2.64	33.69 1.70 -3.21
HUNTINGTON_RES_REC 323705	47.46 2.86 -16.28	37.11 2.69 -8.33	30.23 2.40 -2.05	29.69 2.32 -1.84	30.04 2.24 -2.29	28.20 2.35 -0.02	30.47 2.86 -0.11	33.88 3.08 -2.31	38.33 3.28 -3.84	46.38 3.79 -9.33	59.50 3.48 -22.26	70.03 3.52 -30.27	68.01 3.74 -26.14	69.21 3.86 -25.10	62.19 4.43 -12.59	68.47 4.55 -17.04	137.27 6.35 -76.62	156.88 6.36 -97.04	178.98 5.45 -122.06	133.05 4.34 -81.05	62.46 3.67 -18.42	77.17 3.40 -37.56	55.94 3.44 -20.04	40.45 3.14 -8.53
HUNTLEY___63 23557	28.32 0.00 0.00	25.90 -0.23 -0.04	25.10 -0.77 -0.10	24.40 -1.12 0.00	24.43 -1.07 0.00	25.62 -0.21 0.00	27.14 -0.36 0.00	27.94 -0.68 -0.14	30.46 -0.84 -0.08	32.90 -0.37 0.00	33.15 -0.61 0.00	36.47 0.22 0.00	37.67 -0.46 0.00	40.17 -0.08 0.00	44.45 -0.72 0.00	45.85 -1.03 0.00	54.46 -0.71 -0.86	54.40 0.00 -0.92	51.06 -0.41 -0.01	47.28 -0.38 0.00	39.89 -0.48 0.00	36.24 0.04 0.00	32.45 -0.23 -0.22	28.76 -0.29 -0.27
HUNTLEY___64 23558	28.32 0.00 0.00	25.90 -0.23 -0.04	25.10 -0.77 -0.10	24.40 -1.12 0.00	24.43 -1.07 0.00	25.62 -0.21 0.00	27.14 -0.36 0.00	27.94 -0.68 -0.14	30.46 -0.84 -0.08	32.90 -0.37 0.00	33.15 -0.61 0.00	36.47 0.22 0.00	37.67 -0.46 0.00	40.17 -0.08 0.00	44.45 -0.72 0.00	45.85 -1.03 0.00	54.46 -0.71 -0.86	54.40 0.00 -0.92	51.06 -0.41 -0.01	47.28 -0.38 0.00	39.89 -0.48 0.00	36.24 0.04 0.00	32.45 -0.23 -0.22	28.76 -0.29 -0.27
HUNTLEY___65 23559	28.32 0.00 0.00	25.90 -0.23 -0.04	25.10 -0.77 -0.10	24.40 -1.12 0.00	24.43 -1.07 0.00	25.62 -0.21 0.00	27.14 -0.36 0.00	27.94 -0.68 -0.14	30.46 -0.84 -0.08	32.90 -0.37 0.00	33.15 -0.61 0.00	36.47 0.22 0.00	37.67 -0.46 0.00	40.17 -0.08 0.00	44.45 -0.72 0.00	45.85 -1.03 0.00	54.46 -0.71 -0.86	54.40 0.00 -0.92	51.06 -0.41 -0.01	47.28 -0.38 0.00	39.89 -0.48 0.00	36.24 0.04 0.00	32.45 -0.23 -0.22	28.76 -0.29 -0.27
HUNTLEY___66 23560	28.32 0.00 0.00	25.90 -0.23 -0.04	25.10 -0.77 -0.10	24.40 -1.12 0.00	24.43 -1.07 0.00	25.62 -0.21 0.00	27.14 -0.36 0.00	27.94 -0.68 -0.14	30.46 -0.84 -0.08	32.90 -0.37 0.00	33.15 -0.61 0.00	36.47 0.22 0.00	37.67 -0.46 0.00	40.17 -0.08 0.00	44.45 -0.72 0.00	45.85 -1.03 0.00	54.46 -0.71 -0.86	54.40 0.00 -0.92	51.06 -0.41 -0.01	47.28 -0.38 0.00	39.89 -0.48 0.00	36.24 0.04 0.00	32.45 -0.23 -0.22	28.76 -0.29 -0.27
HUNTLEY___67 23561	28.15 -0.17 0.00	25.69 -0.44 -0.04	24.90 -0.98 -0.10	24.27 -1.25 0.00	24.28 -1.22 0.00	25.42 -0.41 0.00	27.03 -0.47 0.00	27.78 -0.85 -0.14	30.24 -1.06 -0.08	32.70 -0.57 0.00	32.91 -0.84 0.00	36.32 0.07 0.00	37.52 -0.61 0.00	39.97 -0.28 0.00	44.27 -0.90 0.00	45.71 -1.17 0.00	54.27 -0.92 -0.89	54.21 -0.21 -0.94	50.86 -0.62 -0.01	47.09 -0.57 0.00	39.73 -0.65 0.00	36.17 -0.04 0.00	32.30 -0.39 -0.23	28.63 -0.43 -0.28
HUNTLEY___68 23562	28.15 -0.17 0.00	25.69 -0.44 -0.04	24.90 -0.98 -0.10	24.27 -1.25 0.00	24.28 -1.22 0.00	25.42 -0.41 0.00	27.03 -0.47 0.00	27.78 -0.85 -0.14	30.24 -1.06 -0.08	32.70 -0.57 0.00	32.91 -0.84 0.00	36.32 0.07 0.00	37.52 -0.61 0.00	39.97 -0.28 0.00	44.27 -0.90 0.00	45.71 -1.17 0.00	54.27 -0.92 -0.89	54.21 -0.21 -0.94	50.86 -0.62 -0.01	47.09 -0.57 0.00	39.73 -0.65 0.00	36.17 -0.04 0.00	32.30 -0.39 -0.23	28.63 -0.43 -0.28
HYLAND___LFGE 323620	29.15 0.82 0.00	26.40 0.26 -0.04	25.73 -0.15 -0.10	25.09 -0.43 0.00	25.12 -0.38 0.00	26.14 0.31 0.00	27.80 0.30 0.00	28.27 -0.37 -0.15	30.15 -1.15 -0.09	32.00 -1.26 0.00	32.54 -1.21 0.00	35.31 -0.94 0.00	36.72 -1.41 0.00	38.88 -1.37 0.00	43.59 -1.58 0.00	45.01 -1.88 0.00	54.56 -0.71 -0.97	55.20 0.69 -1.02	52.60 1.13 -0.01	49.76 2.09 0.00	42.11 1.73 0.00	38.27 2.06 0.00	34.04 1.33 -0.25	30.81 1.73 -0.30
INDECK___CORINTH 23802	29.94 1.61 0.00	28.05 1.62 -0.33	28.14 1.49 -0.87	26.98 1.45 0.00	26.93 1.43 0.00	27.30 1.47 0.00	29.18 1.68 0.00	31.44 1.68 -1.27	33.94 2.00 -0.72	35.36 2.10 0.00	35.75 1.99 0.00	38.32 2.07 0.00	40.30 2.17 0.00	42.10 1.85 0.00	47.66 2.48 0.00	49.79 2.91 0.00	76.85 3.53 -19.02	76.98 3.32 -20.18	55.28 3.65 -0.16	50.76 3.10 0.00	43.64 3.27 0.00	39.11 2.90 0.00	39.85 2.50 -4.89	36.90 2.16 -5.96
INDECK___ILION 23567	28.58 0.25 0.00	26.30 0.21 0.00	25.96 0.18 0.00	25.68 0.15 0.00	25.63 0.13 0.00	26.01 0.18 0.00	27.66 0.16 0.00	28.69 0.20 0.00	31.50 0.28 0.00	33.63 0.37 0.00	34.13 0.37 0.00	36.65 0.40 0.00	38.59 0.46 0.00	40.77 0.52 0.00	45.81 0.63 0.00	47.54 0.66 0.00	55.01 0.71 0.00	54.23 0.75 0.00	52.13 0.67 0.00	48.19 0.52 0.00	40.78 0.40 0.00	36.50 0.29 0.00	32.69 0.23 0.00	28.95 0.17 0.00
INDECK___OLEAN 23982	28.75 0.43 0.00	25.54 -0.60 -0.04	24.50 -1.39 -0.11	24.50 -1.02 0.00	24.53 -0.97 0.00	25.65 -0.18 0.00	27.47 -0.03 0.00	27.66 -1.00 -0.17	30.13 -1.19 -0.09	33.26 0.00 0.00	33.39 -0.37 0.00	36.65 0.40 0.00	38.21 0.08 0.00	40.53 0.28 0.00	44.91 -0.27 0.00	46.37 -0.51 0.00	55.42 0.05 -1.06	55.41 0.80 -1.13	51.53 0.05 -0.01	47.62 -0.05 0.00	40.17 -0.20 0.00	36.39 0.18 0.00	32.60 -0.13 -0.27	29.14 0.03 -0.33
INDECK___OSWEGO 23783	27.64 -0.68 0.00	25.41 -0.70 -0.02	25.03 -0.80 -0.05	24.66 -0.87 0.00	24.66 -0.84 0.00	25.13 -0.70 0.00	26.81 -0.69 0.00	27.85 -0.71 -0.07	30.48 -0.78 -0.04	32.17 -1.10 0.00	32.71 -1.05 0.00	35.20 -1.05 0.00	36.99 -1.14 0.00	39.12 -1.13 0.00	43.91 -1.26 0.00	46.64 -1.36 -1.11	57.66 -1.36 -4.71	56.87 -1.07 -4.46	53.82 -1.18 -3.54	48.44 -1.14 -1.92	39.36 -1.01 0.00	35.38 -0.83 0.00	31.65 -0.81 0.00	28.23 -0.55 0.00

INDECK___YERKES 23781	28.69 0.37 0.00	25.92 -0.21 -0.04	25.13 -0.75 -0.10	24.38 -1.15 0.00	24.40 -1.10 0.00	25.60 -0.23 0.00	27.17 -0.33 0.00	27.97 -0.65 -0.14	30.49 -0.81 -0.08	32.70 -0.57 0.00	33.32 -0.44 0.00	36.58 0.33 0.00	38.02 -0.11 0.00	40.21 -0.04 0.00	44.54 -0.63 0.00	45.85 -1.03 0.00	54.57 -0.60 -0.86	54.56 0.16 -0.92	51.11 -0.36 -0.01	47.48 -0.19 0.00	40.01 -0.36 0.00	36.35 0.15 0.00	32.71 0.03 -0.22	28.91 -0.14 -0.27
INDIAN POINT_GT_1 24139	29.94 1.61 0.00	27.88 1.54 -0.25	27.73 1.31 -0.64	26.80 1.28 0.00	26.67 1.17 0.00	27.10 1.27 0.00	29.18 1.68 0.00	31.19 1.77 -0.94	33.65 1.90 -0.53	35.43 2.16 0.00	35.85 2.09 0.00	38.32 2.07 0.00	40.38 2.25 0.00	42.54 2.29 0.00	47.93 2.76 0.00	49.70 2.81 0.00	64.41 4.29 -5.82	63.82 4.17 -6.17	54.86 3.35 -0.05	50.05 2.38 0.00	42.43 2.06 0.00	38.02 1.81 0.00	35.84 1.88 -1.50	32.33 1.73 -1.82
INDIAN POINT_GT_2 23659	29.94 1.61 0.00	27.88 1.54 -0.25	27.73 1.31 -0.64	26.80 1.28 0.00	26.67 1.17 0.00	27.10 1.27 0.00	29.18 1.68 0.00	31.19 1.77 -0.94	33.65 1.90 -0.53	35.43 2.16 0.00	35.85 2.09 0.00	38.32 2.07 0.00	40.38 2.25 0.00	42.54 2.29 0.00	47.93 2.76 0.00	49.70 2.81 0.00	64.41 4.29 -5.82	63.82 4.17 -6.17	54.86 3.35 -0.05	50.05 2.38 0.00	42.43 2.06 0.00	38.02 1.81 0.00	35.84 1.88 -1.50	32.33 1.73 -1.82
INDIAN POINT_GT_3 24019	29.94 1.61 0.00	27.88 1.54 -0.25	27.73 1.31 -0.64	26.80 1.28 0.00	26.67 1.17 0.00	27.10 1.27 0.00	29.18 1.68 0.00	31.19 1.77 -0.94	33.65 1.90 -0.53	35.43 2.16 0.00	35.85 2.09 0.00	38.32 2.07 0.00	40.38 2.25 0.00	42.54 2.29 0.00	47.93 2.76 0.00	49.70 2.81 0.00	64.41 4.29 -5.82	63.82 4.17 -6.17	54.86 3.35 -0.05	50.05 2.38 0.00	42.43 2.06 0.00	38.02 1.81 0.00	35.84 1.88 -1.50	32.33 1.73 -1.82
INDIAN POINT___2 23530	29.80 1.47 0.00	27.82 1.49 -0.24	27.70 1.29 -0.63	26.75 1.23 0.00	26.65 1.15 0.00	27.07 1.24 0.00	29.12 1.62 0.00	31.12 1.71 -0.92	33.61 1.87 -0.52	35.39 2.13 0.00	35.75 1.99 0.00	38.21 1.96 0.00	40.30 2.17 0.00	42.46 2.21 0.00	47.80 2.62 0.00	49.56 2.67 0.00	64.14 4.12 -5.71	63.55 4.01 -6.06	54.65 3.14 -0.05	49.86 2.19 0.00	42.31 1.94 0.00	37.91 1.70 0.00	35.68 1.75 -1.47	32.21 1.64 -1.79
INDIAN POINT___3 23531	29.91 1.59 0.00	27.83 1.49 -0.25	27.71 1.29 -0.64	26.78 1.25 0.00	26.65 1.15 0.00	27.07 1.24 0.00	29.15 1.65 0.00	31.16 1.74 -0.94	33.62 1.87 -0.53	35.36 2.10 0.00	35.81 2.06 0.00	38.25 1.99 0.00	40.31 2.17 0.00	42.46 2.21 0.00	47.80 2.62 0.00	49.56 2.67 0.00	64.25 4.13 -5.82	63.72 4.06 -6.18	54.76 3.24 -0.05	49.95 2.29 0.00	42.35 1.98 0.00	37.98 1.77 0.00	35.77 1.82 -1.50	32.27 1.67 -1.82
INGHAM_C_115KV_TB7 356103	28.75 0.42 0.00	26.46 0.37 0.00	26.11 0.34 0.00	25.81 0.28 0.00	25.75 0.25 0.00	26.14 0.31 0.00	27.77 0.27 0.00	28.77 0.28 0.00	31.69 0.47 0.00	33.83 0.57 0.00	34.36 0.61 0.00	36.94 0.69 0.00	38.89 0.76 0.00	41.05 0.80 0.00	46.17 0.99 0.00	47.92 1.03 0.00	55.28 0.98 0.00	54.55 1.07 0.00	52.44 0.98 0.00	48.38 0.71 0.00	40.90 0.52 0.00	36.61 0.40 0.00	32.75 0.29 0.00	29.01 0.23 0.00
IP CORINTH___1 23988	30.14 1.81 0.00	28.18 1.75 -0.33	28.27 1.62 -0.87	27.11 1.58 0.00	27.06 1.56 0.00	27.46 1.63 0.00	29.34 1.84 0.00	31.58 1.82 -1.27	34.09 2.15 -0.72	35.53 2.26 0.00	35.95 2.19 0.00	38.54 2.28 0.00	40.50 2.36 0.00	42.34 2.09 0.00	47.93 2.76 0.00	50.03 3.14 0.00	77.22 3.91 -19.01	77.35 3.69 -20.18	55.64 4.01 -0.16	51.05 3.38 0.00	43.88 3.51 0.00	39.32 3.11 0.00	40.07 2.73 -4.89	37.07 2.33 -5.95
IP___TICONDEROGA 23804	31.69 3.37 0.00	29.66 3.24 -0.33	29.69 3.04 -0.87	28.51 2.99 0.00	28.46 2.96 0.00	28.90 3.07 0.00	31.02 3.52 0.00	33.26 3.50 -1.27	36.21 4.28 -0.72	37.75 4.49 0.00	38.41 4.66 0.00	41.33 5.08 0.00	43.13 5.00 0.00	45.24 4.99 0.00	51.46 6.28 0.00	53.87 6.99 0.00	81.62 8.42 -18.90	81.56 8.02 -20.06	59.97 8.34 -0.16	55.05 7.39 0.00	47.52 7.15 0.00	42.51 6.30 0.00	42.71 5.39 -4.86	39.19 4.49 -5.92
ISLIP_RES_REC 323679	47.94 3.34 -16.28	37.52 3.10 -8.33	30.64 2.81 -2.05	30.07 2.70 -1.84	30.44 2.65 -2.29	28.61 2.77 -0.02	30.94 3.33 -0.11	34.36 3.56 -2.31	38.93 3.87 -3.84	47.01 4.42 -9.33	51.25 4.05 -13.45	55.98 4.06 -15.67	60.32 4.31 -17.88	62.86 4.47 -18.15	62.84 5.10 -12.56	69.10 5.20 -17.01	94.90 7.17 -33.43	102.22 7.17 -41.58	105.21 6.22 -47.52	84.27 5.05 -31.55	57.58 4.48 -12.72	58.42 4.02 -18.20	48.90 4.06 -12.38	41.02 3.68 -8.55
JAMAICA__27_KV_LOAD 355505	30.19 1.87 0.00	28.12 1.77 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.28 1.45 0.00	29.51 2.01 0.00	31.66 2.22 -0.95	34.19 2.44 -0.54	35.93 2.66 0.00	36.22 2.46 0.00	38.61 2.36 0.00	40.69 2.55 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.30 5.10 -5.89	64.65 4.92 -6.26	55.48 3.96 -0.05	50.48 2.81 0.00	42.79 2.42 0.00	38.27 2.06 0.00	36.31 2.34 -1.52	32.73 2.10 -1.85
JANIS___SOLAR 323808	29.49 1.16 0.00	26.97 0.81 -0.06	26.50 0.57 -0.16	25.99 0.46 0.00	25.98 0.48 0.00	26.71 0.88 0.00	28.57 1.07 0.00	29.77 1.05 -0.23	32.32 0.97 -0.13	34.33 1.06 0.00	34.84 1.08 0.00	37.52 1.27 0.00	39.54 1.41 0.00	42.02 1.77 0.00	47.16 1.99 0.00	49.55 2.44 -0.22	60.22 3.09 -2.82	60.32 3.96 -2.89	56.00 3.81 -0.73	51.63 3.58 -0.39	43.24 2.87 0.00	38.60 2.39 0.00	34.79 1.85 -0.48	30.84 1.47 -0.59
JARVIS____ 23743	28.38 0.06 0.00	26.15 0.05 0.00	25.83 0.05 0.00	25.55 0.03 0.00	25.50 0.00 0.00	25.88 0.05 0.00	27.55 0.06 0.00	28.55 0.06 0.00	31.31 0.09 0.00	33.36 0.10 0.00	33.86 0.10 0.00	36.36 0.11 0.00	38.25 0.11 0.00	40.37 0.12 0.00	45.36 0.18 0.00	47.07 0.19 0.00	54.57 0.27 0.00	53.80 0.32 0.00	51.72 0.26 0.00	47.81 0.14 0.00	40.49 0.12 0.00	36.28 0.07 0.00	32.52 0.07 0.00	28.84 0.06 0.00
JENNISON___1 23625	29.65 1.33 0.00	27.22 1.04 -0.08	26.80 0.82 -0.20	26.24 0.71 0.00	26.21 0.71 0.00	26.91 1.08 0.00	28.79 1.29 0.00	30.12 1.34 -0.29	32.76 1.37 -0.16	34.96 1.70 0.00	35.44 1.69 0.00	38.21 1.96 0.00	40.27 2.14 0.00	42.82 2.58 0.00	48.16 2.98 0.00	50.42 3.38 -0.16	61.74 4.02 -3.42	61.68 4.65 -3.55	56.36 4.37 -0.52	51.75 3.81 -0.27	43.52 3.15 0.00	38.71 2.50 0.00	35.21 2.04 -0.71	31.26 1.61 -0.86
JENNISON___2 23626	29.65 1.33 0.00	27.22 1.04 -0.08	26.80 0.82 -0.20	26.24 0.71 0.00	26.21 0.71 0.00	26.91 1.08 0.00	28.79 1.29 0.00	30.12 1.34 -0.29	32.76 1.37 -0.16	34.96 1.70 0.00	35.44 1.69 0.00	38.21 1.96 0.00	40.27 2.14 0.00	42.82 2.58 0.00	48.16 2.98 0.00	50.42 3.38 -0.16	61.74 4.02 -3.42	61.68 4.65 -3.55	56.36 4.37 -0.52	51.75 3.81 -0.27	43.52 3.15 0.00	38.71 2.50 0.00	35.21 2.04 -0.71	31.26 1.61 -0.86

JERICO_RISE_WT_PWR 323719	28.30 -0.03 0.00	26.04 -0.05 0.00	25.93 0.16 0.00	25.78 0.26 0.00	25.86 0.36 0.00	26.04 0.21 0.00	27.55 0.06 0.00	28.60 0.11 0.00	31.41 0.19 0.00	33.40 0.13 0.00	33.96 0.20 0.00	36.40 0.15 0.00	38.44 0.30 0.00	40.69 0.44 0.00	45.40 0.23 0.00	47.12 0.24 0.00	53.98 -0.32 0.00	52.89 -0.59 0.00	51.46 0.00 0.00	47.90 0.24 0.00	40.49 0.12 0.00	35.81 -0.40 0.00	31.97 -0.49 0.00	28.21 -0.58 0.00
KATONAH__115KV_46KV_TB4 355592	30.14 1.81 0.00	28.07 1.72 -0.25	27.96 1.52 -0.66	26.98 1.45 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.34 1.84 0.00	31.39 1.94 -0.97	33.86 2.09 -0.55	35.69 2.43 0.00	36.12 2.36 0.00	38.61 2.36 0.00	40.80 2.67 0.00	43.03 2.78 0.00	48.43 3.25 0.00	50.26 3.38 0.00	65.24 4.94 -6.00	64.71 4.87 -6.37	55.48 3.96 -0.05	50.52 2.86 0.00	42.79 2.42 0.00	38.38 2.17 0.00	36.05 2.04 -1.54	32.56 1.90 -1.88
KCE_NY_1 323755	30.22 1.90 0.00	28.28 1.85 -0.33	28.37 1.73 -0.86	27.21 1.68 0.00	27.16 1.66 0.00	27.53 1.70 0.00	29.42 1.92 0.00	31.69 1.94 -1.26	34.12 2.18 -0.71	35.56 2.29 0.00	36.05 2.30 0.00	38.64 2.39 0.00	40.65 2.52 0.00	42.70 2.46 0.00	48.20 3.03 0.00	50.26 3.38 0.00	77.17 4.12 -18.74	77.43 4.06 -19.89	55.54 3.91 -0.16	51.05 3.38 0.00	43.52 3.15 0.00	39.03 2.83 0.00	39.81 2.53 -4.82	36.90 2.25 -5.87
KCE_NY_6_ESR 323823	28.83 0.51 0.00	25.90 -0.24 -0.04	25.05 -0.83 -0.10	24.56 -0.97 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.36 -0.14 0.00	28.04 -0.60 -0.15	30.55 -0.75 -0.08	33.03 -0.23 0.00	33.62 -0.13 0.00	37.05 0.80 0.00	38.55 0.42 0.00	40.77 0.52 0.00	45.22 0.05 0.00	46.56 -0.33 0.00	55.45 0.22 -0.93	55.48 1.01 -0.99	51.84 0.36 -0.01	48.09 0.43 0.00	40.53 0.16 0.00	36.79 0.58 0.00	32.96 0.26 -0.24	29.10 0.03 -0.29
KEDC_PORT_JEFF_GT2 24210	47.66 3.06 -16.28	37.27 2.84 -8.33	30.41 2.58 -2.05	29.84 2.48 -1.84	30.22 2.42 -2.29	28.38 2.53 -0.02	30.66 3.05 -0.11	34.05 3.25 -2.31	38.58 3.53 -3.84	46.65 4.06 -9.33	52.04 3.58 -14.71	57.53 3.52 -17.76	60.74 3.55 -19.06	63.02 3.62 -19.14	61.89 4.15 -12.56	68.12 4.22 -17.01	99.90 5.97 -39.62	108.94 5.94 -49.53	114.77 5.10 -58.21	90.32 4.00 -38.65	57.17 3.55 -13.24	60.62 3.44 -20.97	49.57 3.63 -13.48	40.70 3.37 -8.56
KEDC_PORT_JEFF_GT3 24211	47.66 3.06 -16.28	37.27 2.84 -8.33	30.41 2.58 -2.05	29.84 2.48 -1.84	30.22 2.42 -2.29	28.38 2.53 -0.02	30.66 3.05 -0.11	34.05 3.25 -2.31	38.58 3.53 -3.84	46.65 4.06 -9.33	52.04 3.58 -14.71	57.53 3.52 -17.76	60.74 3.55 -19.06	63.02 3.62 -19.14	61.89 4.15 -12.56	68.12 4.22 -17.01	99.90 5.97 -39.62	108.94 5.94 -49.53	114.77 5.10 -58.21	90.32 4.00 -38.65	57.17 3.55 -13.24	60.62 3.44 -20.97	49.57 3.63 -13.48	40.70 3.37 -8.56
KEDC_GLWD_GT4 24219	46.53 1.93 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.12 1.76 -1.84	29.48 1.68 -2.29	27.63 1.78 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.31	37.61 2.56 -3.83	45.31 2.73 -9.32	44.33 2.63 -7.94	45.46 2.64 -6.56	53.75 2.90 -12.72	57.04 2.98 -13.81	61.20 3.48 -12.55	67.45 3.56 -17.00	65.91 5.16 -6.45	65.49 5.08 -6.93	56.58 4.17 -0.95	51.39 3.10 -0.63	46.42 2.62 -3.43	44.63 2.32 -6.10	42.36 2.30 -7.60	39.42 2.10 -8.54
KEDC_GLWD_GT5 24220	46.53 1.93 -16.28	36.48 2.06 -8.33	29.66 1.83 -2.05	29.12 1.76 -1.84	29.48 1.68 -2.29	27.63 1.78 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.31	37.61 2.56 -3.83	45.31 2.73 -9.32	44.33 2.63 -7.94	45.46 2.64 -6.56	53.75 2.90 -12.72	57.04 2.98 -13.81	61.20 3.48 -12.55	67.45 3.56 -17.00	65.91 5.16 -6.45	65.49 5.08 -6.93	56.58 4.17 -0.95	51.39 3.10 -0.63	46.42 2.62 -3.43	44.63 2.32 -6.10	42.36 2.30 -7.60	39.42 2.10 -8.54
KENSICO____ 23655	30.05 1.73 0.00	27.99 1.64 -0.25	27.84 1.42 -0.65	26.88 1.35 0.00	26.77 1.27 0.00	27.20 1.37 0.00	29.29 1.79 0.00	31.34 1.91 -0.95	33.82 2.06 -0.54	35.56 2.30 0.00	36.02 2.26 0.00	38.46 2.21 0.00	40.53 2.40 0.00	42.70 2.46 0.00	48.07 2.89 0.00	49.84 2.95 0.00	64.69 4.51 -5.88	64.10 4.39 -6.24	55.07 3.55 -0.05	50.19 2.53 0.00	42.59 2.22 0.00	38.16 1.96 0.00	35.98 2.01 -1.51	32.46 1.84 -1.84
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.88 1.56 0.00	27.79 1.46 -0.23	27.64 1.26 -0.60	26.73 1.20 0.00	26.60 1.10 0.00	27.02 1.19 0.00	29.04 1.54 0.00	30.97 1.60 -0.88	33.53 1.81 -0.50	35.33 2.06 0.00	35.71 1.96 0.00	38.17 1.92 0.00	40.23 2.10 0.00	42.38 2.13 0.00	47.34 2.17 0.00	49.23 2.34 0.00	63.65 3.53 -5.82	63.29 3.64 -6.18	54.50 2.98 -0.05	49.76 2.10 0.00	42.47 2.10 0.00	37.98 1.77 0.00	35.77 1.82 -1.50	32.22 1.61 -1.82
KIAC_JFK_GT1 23816	30.05 1.73 0.00	27.99 1.64 -0.25	27.82 1.39 -0.65	26.85 1.33 0.00	26.72 1.22 0.00	27.15 1.32 0.00	29.37 1.87 0.00	31.52 2.08 -0.95	34.00 2.25 -0.54	35.63 2.36 0.00	35.92 2.16 0.00	38.25 1.99 0.00	40.34 2.21 0.00	42.50 2.25 0.00	47.89 2.71 0.00	49.51 2.63 0.00	64.76 4.56 -5.89	64.12 4.39 -6.26	54.96 3.45 -0.05	50.00 2.34 0.00	42.43 2.06 0.00	37.95 1.74 0.00	36.02 2.04 -1.52	32.47 1.84 -1.85
KIAC_JFK_GT2 23817	30.05 1.73 0.00	27.99 1.64 -0.25	27.82 1.39 -0.65	26.85 1.33 0.00	26.72 1.22 0.00	27.15 1.32 0.00	29.37 1.87 0.00	31.52 2.08 -0.95	34.00 2.25 -0.54	35.63 2.36 0.00	35.92 2.16 0.00	38.25 1.99 0.00	40.34 2.21 0.00	42.50 2.25 0.00	47.89 2.71 0.00	49.51 2.63 0.00	64.76 4.56 -5.89	64.12 4.39 -6.26	54.96 3.45 -0.05	50.00 2.34 0.00	42.43 2.06 0.00	37.95 1.74 0.00	36.02 2.04 -1.52	32.47 1.84 -1.85
KIAC_JFK____ 323774	29.91 1.59 0.00	27.99 1.65 -0.25	27.82 1.39 -0.65	26.85 1.33 0.00	26.72 1.22 0.00	27.17 1.34 0.00	29.37 1.87 0.00	31.52 2.08 -0.95	34.01 2.25 -0.54	35.69 2.43 0.00	35.85 2.09 0.00	38.21 1.96 0.00	40.34 2.21 0.00	42.46 2.21 0.00	47.84 2.66 0.00	49.51 2.62 0.00	64.70 4.50 -5.90	64.07 4.33 -6.26	54.86 3.34 -0.05	49.95 2.29 0.00	42.35 1.98 0.00	37.91 1.70 0.00	35.95 1.98 -1.52	32.44 1.81 -1.85
KINTIGH____ 23543	27.93 -0.40 0.00	25.68 -0.44 -0.03	25.04 -0.82 -0.08	24.25 -1.28 0.00	24.25 -1.25 0.00	25.29 -0.54 0.00	26.92 -0.58 0.00	27.93 -0.68 -0.12	30.42 -0.87 -0.07	32.43 -0.83 0.00	32.71 -1.05 0.00	35.93 -0.33 0.00	37.14 -0.99 0.00	39.52 -0.72 0.00	43.87 -1.31 0.00	45.39 -1.50 0.00	53.68 -1.36 -0.74	53.57 -0.70 -0.78	50.49 -0.98 -0.01	46.85 -0.81 0.00	39.56 -0.81 0.00	35.99 -0.22 0.00	32.10 -0.55 -0.19	28.47 -0.55 -0.23
KNTFSRNC_46_KV_46KV_LOAD 80397	28.58 0.25 0.00	26.25 0.16 0.00	26.14 0.36 0.00	25.96 0.43 0.00	26.04 0.54 0.00	26.24 0.41 0.00	27.80 0.30 0.00	29.14 0.66 0.00	31.97 0.75 0.00	33.96 0.70 0.00	34.60 0.84 0.00	37.09 0.83 0.00	39.39 1.26 0.00	41.66 1.41 0.00	46.35 1.17 0.00	48.11 1.22 0.00	54.68 0.38 0.00	53.64 0.16 0.00	52.13 0.67 0.00	48.52 0.86 0.00	41.02 0.65 0.00	36.17 -0.04 0.00	32.26 -0.19 0.00	28.44 -0.35 0.00

LACHUTE____HYDRO 323717	31.69 3.37 0.00	29.66 3.24 -0.33	29.68 3.04 -0.87	28.51 2.99 0.00	28.46 2.96 0.00	28.93 3.10 0.00	31.02 3.52 0.00	33.26 3.50 -1.27	36.21 4.28 -0.72	37.79 4.52 0.00	38.42 4.66 0.00	41.33 5.07 0.00	43.17 5.03 0.00	45.24 4.99 0.00	51.45 6.28 0.00	53.87 6.99 0.00	81.40 8.20 -18.90	81.51 7.97 -20.06	59.86 8.23 -0.16	55.10 7.43 0.00	47.56 7.19 0.00	42.51 6.30 0.00	42.71 5.39 -4.86	39.16 4.46 -5.92
LAWRNCAV_115KV_TB1 80681	28.13 -0.20 0.00	25.86 -0.23 0.00	25.73 -0.05 0.00	25.53 0.00 0.00	25.55 0.05 0.00	25.70 -0.13 0.00	27.09 -0.41 0.00	27.98 -0.51 0.00	30.66 -0.56 0.00	32.67 -0.60 0.00	33.25 -0.51 0.00	35.53 -0.73 0.00	37.64 -0.50 0.00	39.40 -0.85 0.00	44.00 -1.17 0.00	45.84 -1.13 -0.08	52.62 -2.01 -0.33	51.65 -2.14 -0.31	50.17 -1.54 -0.25	46.75 -1.05 -0.13	39.48 -0.89 0.00	35.30 -0.91 0.00	31.78 -0.68 0.00	28.12 -0.66 0.00
LEDERLE____ 23769	29.94 1.61 0.00	27.85 1.51 -0.24	27.71 1.31 -0.62	26.78 1.25 0.00	26.67 1.17 0.00	27.10 1.27 0.00	29.15 1.65 0.00	31.16 1.77 -0.90	33.67 1.94 -0.51	35.46 2.20 0.00	35.92 2.16 0.00	38.39 2.14 0.00	40.42 2.29 0.00	42.58 2.33 0.00	47.98 2.80 0.00	49.75 2.86 0.00	64.24 4.34 -5.60	63.65 4.22 -5.94	54.91 3.40 -0.05	50.10 2.43 0.00	42.47 2.10 0.00	38.05 1.85 0.00	35.81 1.92 -1.44	32.26 1.73 -1.75
LIGHTHSE_115KV_TB6 355974	27.90 -0.42 0.00	25.64 -0.47 -0.02	25.26 -0.57 -0.04	24.86 -0.66 0.00	24.86 -0.64 0.00	25.36 -0.46 0.00	27.03 -0.47 0.00	28.07 -0.48 -0.06	30.66 -0.59 -0.04	32.63 -0.63 0.00	33.18 -0.57 0.00	35.71 -0.54 0.00	37.56 -0.57 0.00	39.77 -0.48 0.00	44.63 -0.54 0.00	47.03 -0.47 -0.61	56.39 -0.49 -2.57	55.86 -0.05 -2.44	53.30 -0.10 -1.93	48.66 -0.05 -1.05	40.29 -0.08 0.00	36.14 -0.07 0.00	32.23 -0.23 0.00	28.55 -0.23 0.00
LINDEN COGEN____ 23786	29.82 1.50 0.00	27.88 1.54 -0.25	27.74 1.31 -0.65	26.75 1.23 0.00	26.65 1.15 0.00	27.07 1.24 0.00	29.20 1.71 0.00	31.32 1.88 -0.95	33.79 2.03 -0.54	35.12 2.33 0.47	35.20 2.16 0.72	38.32 2.07 0.00	40.46 2.33 0.00	42.58 2.33 0.00	47.98 2.80 0.00	49.70 2.81 0.00	64.70 4.50 -5.90	64.07 4.33 -6.26	54.81 3.30 -0.05	49.91 2.24 0.00	42.31 1.94 0.00	37.91 1.70 0.00	35.76 1.78 -1.52	32.30 1.67 -1.85
LINDHRST_69_KV_BK1 356055	47.52 2.92 -16.28	37.08 2.66 -8.33	30.23 2.40 -2.05	29.66 2.30 -1.84	30.04 2.24 -2.29	28.20 2.35 -0.02	30.47 2.86 -0.11	33.85 3.05 -2.31	38.39 3.34 -3.83	46.38 3.79 -9.33	45.83 3.58 -8.50	47.32 3.59 -7.48	55.11 3.74 -13.24	58.40 3.90 -14.25	62.20 4.47 -12.55	68.48 4.59 -17.00	69.82 6.35 -9.17	70.26 6.36 -10.42	62.62 5.51 -5.65	55.70 4.29 -3.75	49.87 3.84 -5.67	47.01 3.48 -7.32	44.05 3.51 -8.08	40.49 3.17 -8.54
LIPA_MISC_IPP 23656	47.80 3.20 -16.28	37.34 2.92 -8.33	30.46 2.63 -2.05	29.89 2.53 -1.84	30.27 2.47 -2.29	28.43 2.58 -0.02	30.72 3.11 -0.11	34.10 3.30 -2.31	38.68 3.62 -3.83	46.71 4.12 -9.33	51.24 3.81 -13.67	56.06 3.77 -16.04	60.18 3.97 -18.09	62.68 4.11 -18.32	62.39 4.65 -12.56	68.59 4.69 -17.01	95.28 6.46 -34.52	102.93 6.47 -42.98	106.54 5.66 -49.41	85.00 4.53 -32.80	56.90 4.12 -12.41	58.62 3.73 -18.69	48.86 3.83 -12.57	40.85 3.51 -8.55
LISF____SOLAR 323691	47.74 3.14 -16.28	37.39 2.97 -8.33	30.49 2.66 -2.05	29.94 2.58 -1.84	30.32 2.53 -2.29	28.46 2.61 -0.02	30.77 3.16 -0.11	34.16 3.36 -2.31	38.77 3.71 -3.84	46.85 4.26 -9.33	51.34 3.85 -13.74	56.25 3.84 -16.16	60.37 4.08 -18.15	62.81 4.19 -18.38	62.48 4.74 -12.56	68.73 4.83 -17.01	95.69 6.51 -34.87	103.48 6.58 -43.43	107.19 5.71 -50.01	85.54 4.67 -33.20	57.08 4.20 -12.51	58.82 3.77 -18.84	48.92 3.83 -12.64	40.85 3.51 -8.55
LITTLE FALLS____HYD 24013	28.75 0.42 0.00	26.46 0.37 0.00	26.11 0.34 0.00	25.81 0.28 0.00	25.75 0.25 0.00	26.14 0.31 0.00	27.77 0.27 0.00	28.77 0.28 0.00	31.69 0.47 0.00	33.83 0.57 0.00	34.36 0.61 0.00	36.94 0.69 0.00	38.89 0.76 0.00	41.05 0.80 0.00	46.17 0.99 0.00	47.92 1.03 0.00	55.28 0.98 0.00	54.55 1.07 0.00	52.44 0.98 0.00	48.38 0.71 0.00	40.90 0.52 0.00	36.61 0.40 0.00	32.75 0.29 0.00	29.01 0.23 0.00
LITTLRIV_115KV_TB1 356100	28.30 -0.03 0.00	26.02 -0.08 0.00	25.88 0.10 0.00	25.68 0.15 0.00	25.70 0.20 0.00	25.88 0.05 0.00	27.28 -0.22 0.00	28.18 -0.31 0.00	30.91 -0.31 0.00	32.96 -0.30 0.00	33.55 -0.20 0.00	35.85 -0.40 0.00	38.06 -0.08 0.00	39.89 -0.36 0.00	44.54 -0.63 0.00	46.50 -0.47 -0.08	53.19 -1.47 -0.35	52.21 -1.60 -0.33	50.80 -0.93 -0.27	47.38 -0.43 -0.14	39.97 -0.40 0.00	35.66 -0.54 0.00	32.07 -0.39 0.00	28.35 -0.43 0.00
LI_NEWBRDGE____DRP 323616	46.81 2.21 -16.28	36.48 2.06 -8.33	29.63 1.80 -2.05	29.10 1.74 -1.84	29.45 1.66 -2.29	27.61 1.76 -0.02	29.81 2.20 -0.11	33.16 2.36 -2.31	37.58 2.53 -3.83	45.45 2.86 -9.32	44.32 2.70 -7.86	45.32 2.65 -6.43	53.60 2.82 -12.65	56.90 2.90 -13.75	61.11 3.39 -12.55	67.26 3.38 -17.00	65.36 5.00 -6.06	64.93 5.03 -6.42	55.96 4.22 -0.28	50.95 3.10 -0.18	46.50 2.70 -3.43	44.56 2.43 -5.93	42.52 2.53 -7.53	39.66 2.33 -8.54
LOCKPORT_115KV_TB60_63_64 80432	28.18 -0.14 0.00	25.63 -0.50 -0.04	24.89 -0.98 -0.09	24.17 -1.35 0.00	24.17 -1.33 0.00	25.36 -0.46 0.00	26.95 -0.55 0.00	27.74 -0.88 -0.13	30.20 -1.09 -0.08	32.47 -0.80 0.00	32.71 -1.05 0.00	36.11 -0.15 0.00	37.29 -0.84 0.00	39.72 -0.52 0.00	44.00 -1.17 0.00	45.43 -1.45 0.00	53.87 -1.25 -0.82	53.76 -0.59 -0.87	50.60 -0.87 -0.01	46.95 -0.71 0.00	39.61 -0.77 0.00	36.06 -0.14 0.00	32.15 -0.52 -0.21	28.52 -0.52 -0.26
LOCKPORT____CC1 323769	28.49 0.17 0.00	25.63 -0.50 -0.04	24.89 -0.98 -0.09	24.28 -1.25 0.00	24.28 -1.22 0.00	25.47 -0.36 0.00	26.95 -0.55 0.00	27.74 -0.88 -0.13	30.20 -1.09 -0.08	32.30 -0.97 0.00	32.91 -0.84 0.00	36.29 0.04 0.00	37.68 -0.46 0.00	39.81 -0.44 0.00	44.14 -1.04 0.00	45.48 -1.41 0.00	54.04 -1.09 -0.83	54.09 -0.27 -0.88	50.75 -0.72 -0.01	47.19 -0.48 0.00	39.81 -0.57 0.00	36.21 0.00 0.00	32.45 -0.23 -0.21	28.67 -0.37 -0.26
LOCKPORT____CC2 323770	28.49 0.17 0.00	25.63 -0.50 -0.04	24.89 -0.98 -0.09	24.28 -1.25 0.00	24.28 -1.22 0.00	25.47 -0.36 0.00	26.95 -0.55 0.00	27.74 -0.88 -0.13	30.20 -1.09 -0.08	32.30 -0.97 0.00	32.91 -0.84 0.00	36.29 0.04 0.00	37.68 -0.46 0.00	39.81 -0.44 0.00	44.14 -1.04 0.00	45.48 -1.41 0.00	54.04 -1.09 -0.83	54.09 -0.27 -0.88	50.75 -0.72 -0.01	47.19 -0.48 0.00	39.81 -0.57 0.00	36.21 0.00 0.00	32.45 -0.23 -0.21	28.67 -0.37 -0.26
LOCKPORT____CC3 323771	28.49 0.17 0.00	25.63 -0.50 -0.04	24.89 -0.98 -0.09	24.28 -1.25 0.00	24.28 -1.22 0.00	25.47 -0.36 0.00	26.95 -0.55 0.00	27.74 -0.88 -0.13	30.20 -1.09 -0.08	32.30 -0.97 0.00	32.91 -0.84 0.00	36.29 0.04 0.00	37.68 -0.46 0.00	39.81 -0.44 0.00	44.14 -1.04 0.00	45.48 -1.41 0.00	54.04 -1.09 -0.83	54.09 -0.27 -0.88	50.75 -0.72 -0.01	47.19 -0.48 0.00	39.81 -0.57 0.00	36.21 0.00 0.00	32.45 -0.23 -0.21	28.67 -0.37 -0.26

LONG_LAKE_PHOENIX 24014	27.67 -0.65 0.00	25.46 -0.65 -0.02	25.08 -0.75 -0.05	24.71 -0.82 0.00	24.71 -0.79 0.00	25.18 -0.65 0.00	26.89 -0.60 0.00	27.93 -0.63 -0.07	30.61 -0.66 -0.04	32.53 -0.73 0.00	33.05 -0.71 0.00	35.60 -0.65 0.00	37.41 -0.72 0.00	39.64 -0.60 0.00	44.45 -0.72 0.00	46.98 -0.75 -0.84	57.17 -0.71 -3.57	56.43 -0.43 -3.38	53.58 -0.57 -2.68	48.50 -0.62 -1.45	39.81 -0.57 0.00	35.81 -0.40 0.00	31.97 -0.49 0.00	28.38 -0.40 0.00
LOVETT___3 23632	29.80 1.47 0.00	27.74 1.41 -0.24	27.58 1.19 -0.62	26.67 1.15 0.00	26.57 1.07 0.00	26.99 1.16 0.00	29.04 1.54 0.00	31.02 1.62 -0.91	33.48 1.75 -0.51	35.23 1.96 0.00	35.68 1.92 0.00	38.14 1.89 0.00	40.15 2.02 0.00	42.34 2.09 0.00	47.66 2.48 0.00	49.42 2.53 0.00	63.90 3.96 -5.63	63.36 3.90 -5.98	54.55 3.04 -0.05	49.76 2.10 0.00	42.23 1.86 0.00	37.84 1.63 0.00	35.63 1.72 -1.45	32.13 1.58 -1.76
LOVETT___4 23642	29.80 1.47 0.00	27.74 1.41 -0.24	27.58 1.19 -0.62	26.67 1.15 0.00	26.57 1.07 0.00	26.99 1.16 0.00	29.04 1.54 0.00	31.02 1.62 -0.91	33.48 1.75 -0.51	35.23 1.96 0.00	35.68 1.92 0.00	38.14 1.89 0.00	40.15 2.02 0.00	42.34 2.09 0.00	47.66 2.48 0.00	49.42 2.53 0.00	63.90 3.96 -5.63	63.36 3.90 -5.98	54.55 3.04 -0.05	49.76 2.10 0.00	42.23 1.86 0.00	37.84 1.63 0.00	35.63 1.72 -1.45	32.13 1.58 -1.76
LOVETT___5 23593	29.80 1.47 0.00	27.74 1.41 -0.24	27.58 1.19 -0.62	26.67 1.15 0.00	26.57 1.07 0.00	26.99 1.16 0.00	29.04 1.54 0.00	31.02 1.62 -0.91	33.48 1.75 -0.51	35.23 1.96 0.00	35.68 1.92 0.00	38.14 1.89 0.00	40.15 2.02 0.00	42.34 2.09 0.00	47.66 2.48 0.00	49.42 2.53 0.00	63.90 3.96 -5.63	63.36 3.90 -5.98	54.55 3.04 -0.05	49.76 2.10 0.00	42.23 1.86 0.00	37.84 1.63 0.00	35.63 1.72 -1.45	32.13 1.58 -1.76
LOWER RAQUET___HYD 24057	28.04 -0.28 0.00	25.81 -0.29 0.00	25.68 -0.10 0.00	25.47 -0.05 0.00	25.47 -0.03 0.00	25.65 -0.18 0.00	27.00 -0.49 0.00	27.86 -0.63 0.00	30.53 -0.69 0.00	32.53 -0.73 0.00	33.11 -0.64 0.00	35.35 -0.90 0.00	37.10 -1.03 0.00	39.24 -1.00 0.00	43.78 -1.40 0.00	45.66 -1.31 -0.09	52.45 -2.23 -0.38	51.48 -2.35 -0.36	50.10 -1.65 -0.28	46.63 -1.19 -0.15	39.32 -1.05 0.00	35.16 -1.05 0.00	31.68 -0.78 0.00	28.01 -0.78 0.00
LOWER___HUDSON 24059	29.82 1.50 0.00	27.91 1.49 -0.33	28.02 1.39 -0.85	26.88 1.35 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.06 1.57 0.00	31.32 1.59 -1.24	33.70 1.78 -0.70	35.09 1.83 0.00	35.54 1.79 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.43 2.26 0.00	49.32 2.44 0.00	74.12 3.09 -16.72	74.33 3.10 -17.75	54.44 2.83 -0.14	49.95 2.29 0.00	42.51 2.14 0.00	38.16 1.95 0.00	38.58 1.82 -4.30	35.69 1.67 -5.24
LOWVILLE_115KV_TB2 356335	28.24 -0.08 0.00	25.95 -0.16 -0.01	25.62 -0.18 -0.02	25.30 -0.23 0.00	25.24 -0.26 0.00	25.70 -0.13 0.00	27.28 -0.22 0.00	28.29 -0.23 -0.03	30.90 -0.34 -0.02	32.93 -0.33 0.00	33.55 -0.20 0.00	36.03 -0.22 0.00	38.06 -0.08 0.00	40.17 -0.08 0.00	45.09 -0.09 0.00	47.30 0.19 -0.22	55.30 0.05 -0.94	54.85 0.48 -0.89	52.89 0.72 -0.71	48.91 0.86 -0.38	41.02 0.65 0.00	36.42 0.22 0.00	32.59 0.13 0.00	28.75 -0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.22 1.90 0.00	28.25 1.83 -0.33	28.37 1.73 -0.86	27.18 1.66 0.00	27.13 1.63 0.00	27.51 1.68 0.00	29.40 1.90 0.00	31.66 1.91 -1.26	34.12 2.19 -0.71	35.49 2.23 0.00	36.05 2.30 0.00	38.61 2.36 0.00	40.61 2.48 0.00	42.66 2.41 0.00	48.16 2.98 0.00	50.17 3.28 0.00	77.17 4.13 -18.74	77.43 4.06 -19.88	55.54 3.91 -0.16	51.00 3.34 0.00	43.48 3.11 0.00	39.00 2.79 0.00	39.81 2.53 -4.82	36.87 2.22 -5.87
LUTHERNY_35_KV_BK2 355980	30.25 1.93 0.00	28.28 1.85 -0.33	28.37 1.73 -0.86	27.21 1.68 0.00	27.16 1.66 0.00	27.53 1.70 0.00	29.42 1.92 0.00	31.69 1.94 -1.26	34.12 2.19 -0.71	35.53 2.26 0.00	36.05 2.30 0.00	38.64 2.39 0.00	40.61 2.48 0.00	42.70 2.46 0.00	48.20 3.03 0.00	50.22 3.33 0.00	77.22 4.18 -18.74	77.48 4.12 -19.88	55.59 3.96 -0.16	51.05 3.38 0.00	43.52 3.15 0.00	39.03 2.82 0.00	39.84 2.56 -4.82	36.89 2.24 -5.87
LWR___OSWEGATCHIE_HYD 23850	28.01 -0.31 0.00	25.74 -0.37 -0.01	25.51 -0.28 -0.02	25.24 -0.28 0.00	25.22 -0.28 0.00	25.52 -0.31 0.00	27.00 -0.49 0.00	27.92 -0.60 -0.02	30.45 -0.78 -0.01	32.47 -0.80 0.00	33.08 -0.68 0.00	35.42 -0.83 0.00	37.48 -0.65 0.00	39.40 -0.85 0.00	44.09 -1.08 0.00	46.17 -0.89 -0.18	53.69 -1.36 -0.74	53.00 -1.18 -0.70	51.30 -0.72 -0.56	47.59 -0.38 -0.30	40.01 -0.36 0.00	35.63 -0.58 0.00	31.97 -0.49 0.00	28.23 -0.55 0.00
LYONS_FALL_HYD 23570	28.52 0.20 0.00	26.21 0.10 -0.01	25.85 0.05 -0.02	25.53 0.00 0.00	25.47 -0.03 0.00	25.93 0.10 0.00	27.61 0.11 0.00	28.69 0.17 -0.03	31.43 0.19 -0.02	33.53 0.26 0.00	34.13 0.37 0.00	36.65 0.40 0.00	38.63 0.49 0.00	40.89 0.64 0.00	45.99 0.81 0.00	48.01 0.99 -0.13	55.84 0.98 -0.57	55.35 1.34 -0.53	53.28 1.39 -0.42	49.18 1.29 -0.23	41.42 1.05 0.00	36.82 0.61 0.00	32.91 0.45 0.00	29.07 0.29 0.00
MADISON___COUNTY_LFGE 323628	28.83 0.51 0.00	26.50 0.39 -0.01	26.10 0.28 -0.04	25.73 0.20 0.00	25.70 0.20 0.00	26.24 0.41 0.00	27.99 0.49 0.00	29.14 0.60 -0.05	31.94 0.69 -0.03	34.06 0.80 0.00	34.63 0.88 0.00	37.30 1.05 0.00	39.24 1.11 0.00	41.62 1.37 0.00	46.80 1.63 0.00	48.85 1.83 -0.13	56.94 2.06 -0.57	56.43 2.41 -0.54	54.16 2.26 -0.43	49.90 2.00 -0.23	41.99 1.61 0.00	37.37 1.16 0.00	33.33 0.88 0.00	29.44 0.66 0.00
MALONE___115KV_TB1 356076	28.44 0.11 0.00	26.15 0.05 0.00	26.04 0.26 0.00	25.86 0.33 0.00	25.91 0.41 0.00	26.11 0.28 0.00	27.61 0.11 0.00	28.66 0.17 0.00	31.47 0.25 0.00	33.46 0.20 0.00	34.09 0.34 0.00	36.51 0.25 0.00	38.70 0.57 0.00	40.81 0.56 0.00	45.49 0.32 0.00	47.21 0.33 0.00	54.03 -0.27 0.00	53.00 -0.48 0.00	51.52 0.05 0.00	48.05 0.38 0.00	40.61 0.24 0.00	35.92 -0.29 0.00	32.10 -0.36 0.00	28.32 -0.46 0.00
MAPLEWOD_115KV_TB3 80458	29.82 1.50 0.00	27.86 1.44 -0.32	27.96 1.34 -0.84	26.85 1.33 0.00	26.80 1.30 0.00	27.15 1.32 0.00	29.04 1.54 0.00	31.29 1.57 -1.24	33.70 1.78 -0.70	34.96 1.70 0.00	35.54 1.79 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.53 2.35 0.00	49.37 2.48 0.00	72.59 3.26 -15.04	72.70 3.26 -15.96	54.58 2.98 -0.13	50.10 2.43 0.00	42.55 2.18 0.00	38.20 1.99 0.00	38.17 1.85 -3.87	35.13 1.64 -4.71
MAPLE RIDGE_WT_1 323574	28.15 -0.17 0.00	25.94 -0.16 0.00	25.65 -0.13 0.00	25.40 -0.13 0.00	25.35 -0.15 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.15 -0.34 0.00	30.88 -0.34 0.00	32.96 -0.30 0.00	33.52 -0.23 0.00	36.00 -0.25 0.00	37.87 -0.27 0.00	39.97 -0.28 0.00	44.81 -0.36 0.00	46.51 -0.38 0.00	53.70 -0.60 0.00	52.84 -0.64 0.00	50.90 -0.56 0.00	47.14 -0.52 0.00	39.81 -0.57 0.00	35.52 -0.69 0.00	31.74 -0.71 0.00	28.06 -0.72 0.00

MAPLE RIDGE_WT_2 323611	28.15 -0.17 0.00	25.94 -0.16 0.00	25.65 -0.13 0.00	25.40 -0.13 0.00	25.35 -0.15 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.15 -0.34 0.00	30.88 -0.34 0.00	32.96 -0.30 0.00	33.52 -0.23 0.00	36.00 -0.25 0.00	37.87 -0.27 0.00	39.97 -0.28 0.00	44.81 -0.36 0.00	46.51 -0.38 0.00	53.70 -0.60 0.00	52.84 -0.64 0.00	50.90 -0.56 0.00	47.14 -0.52 0.00	39.81 -0.57 0.00	35.52 -0.69 0.00	31.74 -0.71 0.00	28.06 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	28.35 0.03 0.00	26.07 -0.03 0.00	25.96 0.18 0.00	25.81 0.28 0.00	25.88 0.38 0.00	26.09 0.26 0.00	27.61 0.11 0.00	28.77 0.28 0.00	31.56 0.34 0.00	33.56 0.30 0.00	34.13 0.37 0.00	36.61 0.36 0.00	38.67 0.53 0.00	40.93 0.68 0.00	45.67 0.50 0.00	47.36 0.47 0.00	54.14 -0.16 0.00	53.11 -0.37 0.00	51.62 0.15 0.00	48.04 0.38 0.00	40.58 0.20 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00
MARSHVLE_115KV_TB1 80742	30.31 1.98 0.00	28.35 1.85 -0.40	28.55 1.73 -1.04	27.16 1.63 0.00	27.13 1.63 0.00	27.64 1.81 0.00	29.56 2.06 0.00	31.92 1.91 -1.52	34.08 2.00 -0.86	35.33 2.06 0.00	35.88 2.13 0.00	38.57 2.32 0.00	40.65 2.52 0.00	42.90 2.66 0.00	48.43 3.25 0.00	50.59 3.70 0.00	75.63 4.78 -16.55	76.07 5.03 -17.56	56.55 4.94 -0.14	52.10 4.43 0.00	44.29 3.92 0.00	39.72 3.51 0.00	39.73 3.02 -4.26	36.44 2.48 -5.18
MARSH_HILL_WT_PWR 323713	29.17 0.85 0.00	26.33 0.18 -0.05	25.54 -0.36 -0.12	25.07 -0.46 0.00	25.09 -0.41 0.00	26.06 0.23 0.00	27.88 0.38 0.00	28.67 0.00 -0.18	31.39 0.06 -0.10	33.79 0.53 0.00	34.36 0.61 0.00	37.55 1.30 0.00	39.24 1.11 0.00	41.62 1.37 0.00	46.26 1.08 0.00	47.97 0.99 -0.10	57.51 1.63 -1.58	57.52 2.41 -1.63	53.58 1.80 -0.32	49.50 1.67 -0.17	41.58 1.21 0.00	37.66 1.45 0.00	33.77 1.01 -0.30	29.99 0.84 -0.37
MCINTYRE_115KV_TB2 80467	28.44 0.11 0.00	26.15 0.05 0.00	26.01 0.23 0.00	25.83 0.31 0.00	25.83 0.33 0.00	26.01 0.18 0.00	27.47 -0.03 0.00	28.40 -0.09 0.00	31.10 -0.12 0.00	33.13 -0.13 0.00	33.72 -0.03 0.00	36.07 -0.18 0.00	38.28 0.15 0.00	40.13 -0.12 0.00	44.90 -0.27 0.00	46.87 -0.09 -0.07	53.64 -0.98 -0.32	52.65 -1.12 -0.30	51.24 -0.46 -0.24	47.84 0.05 -0.13	40.41 0.04 0.00	36.03 -0.18 0.00	32.36 -0.10 0.00	28.58 -0.20 0.00
MECO____69_KV_BK1 80468	30.99 2.66 0.00	28.98 2.51 -0.38	29.11 2.35 -0.99	27.77 2.25 0.00	27.74 2.24 0.00	28.23 2.40 0.00	30.28 2.78 0.00	32.41 2.48 -1.44	35.25 3.22 -0.82	36.42 3.16 0.00	36.96 3.21 0.00	39.88 3.63 0.00	41.98 3.85 0.00	44.27 4.02 0.00	50.10 4.92 0.00	52.70 5.81 0.00	77.92 5.92 -17.70	78.51 6.26 -18.78	58.00 6.38 -0.15	53.48 5.82 0.00	45.74 5.37 0.00	40.95 4.74 0.00	41.07 4.06 -4.55	37.72 3.40 -5.54
MENANDS__115KV_TB5 355628	29.57 1.25 0.00	27.64 1.23 -0.32	27.75 1.13 -0.84	26.67 1.15 0.00	26.60 1.10 0.00	26.94 1.11 0.00	28.79 1.29 0.00	31.05 1.34 -1.23	33.41 1.50 -0.69	34.63 1.36 0.00	35.17 1.42 0.00	37.63 1.38 0.00	39.62 1.49 0.00	41.66 1.41 0.00	46.94 1.76 0.00	48.76 1.88 0.00	71.08 2.55 -14.23	71.14 2.57 -15.10	53.80 2.21 -0.12	49.43 1.76 0.00	41.95 1.57 0.00	37.69 1.48 0.00	37.54 1.43 -3.66	34.53 1.30 -4.46
MG INDUSTRY__DRP 24185	29.60 1.27 0.00	27.64 1.23 -0.31	27.78 1.19 -0.82	26.70 1.17 0.00	26.65 1.15 0.00	26.99 1.16 0.00	28.79 1.29 0.00	31.02 1.34 -1.20	33.36 1.47 -0.68	34.63 1.36 0.00	35.14 1.38 0.00	37.63 1.38 0.00	39.58 1.45 0.00	41.62 1.37 0.00	46.94 1.76 0.00	48.72 1.83 0.00	67.63 2.44 -10.89	67.50 2.46 -11.56	53.77 2.21 -0.09	49.48 1.81 0.00	42.03 1.66 0.00	37.76 1.56 0.00	36.72 1.46 -2.80	33.55 1.35 -3.41
MID__OSWEGATCHIE_HYD 23849	28.01 -0.31 0.00	25.74 -0.37 -0.01	25.51 -0.28 -0.02	25.24 -0.28 0.00	25.22 -0.28 0.00	25.52 -0.31 0.00	27.00 -0.49 0.00	27.92 -0.60 -0.02	30.45 -0.78 -0.01	32.47 -0.80 0.00	33.08 -0.68 0.00	35.42 -0.83 0.00	37.48 -0.65 0.00	39.40 -0.85 0.00	44.09 -1.08 0.00	46.17 -0.89 -0.18	53.69 -1.36 -0.74	53.00 -1.18 -0.70	51.30 -0.72 -0.56	47.59 -0.38 -0.30	40.01 -0.36 0.00	35.63 -0.58 0.00	31.97 -0.49 0.00	28.23 -0.55 0.00
MID__RAQUETTE_HYD 23851	28.04 -0.28 0.00	25.81 -0.29 0.00	25.68 -0.10 0.00	25.47 -0.05 0.00	25.47 -0.03 0.00	25.65 -0.18 0.00	27.00 -0.49 0.00	27.86 -0.63 0.00	30.53 -0.69 0.00	32.53 -0.73 0.00	33.11 -0.64 0.00	35.35 -0.91 0.00	37.48 -0.65 0.00	39.24 -1.01 0.00	43.78 -1.40 0.00	45.66 -1.31 -0.09	52.45 -2.23 -0.38	51.48 -2.35 -0.36	50.05 -1.70 -0.28	46.63 -1.19 -0.15	39.32 -1.05 0.00	35.16 -1.05 0.00	31.68 -0.78 0.00	28.00 -0.78 0.00
MILLIKEN__1 23584	28.78 0.45 0.00	26.45 0.31 -0.05	26.00 0.10 -0.12	25.55 0.03 0.00	25.55 0.05 0.00	26.17 0.34 0.00	27.99 0.49 0.00	29.12 0.46 -0.18	31.85 0.53 -0.10	33.90 0.63 0.00	34.43 0.68 0.00	37.16 0.91 0.00	38.97 0.84 0.00	41.37 1.13 0.00	46.40 1.22 0.00	48.55 1.36 -0.30	58.62 1.85 -2.47	58.25 2.30 -2.47	54.50 2.06 -0.98	49.95 1.76 -0.52	41.79 1.41 0.00	37.55 1.34 0.00	33.74 0.97 -0.30	29.96 0.81 -0.37
MILLIKEN__2 23585	28.78 0.45 0.00	26.45 0.31 -0.05	26.00 0.10 -0.12	25.55 0.03 0.00	25.55 0.05 0.00	26.17 0.34 0.00	27.99 0.49 0.00	29.12 0.46 -0.18	31.85 0.53 -0.10	33.90 0.63 0.00	34.43 0.68 0.00	37.16 0.91 0.00	38.97 0.84 0.00	41.37 1.13 0.00	46.40 1.22 0.00	48.55 1.36 -0.30	58.62 1.85 -2.47	58.25 2.30 -2.47	54.50 2.06 -0.98	49.95 1.76 -0.52	41.79 1.41 0.00	37.55 1.34 0.00	33.74 0.97 -0.30	29.96 0.81 -0.37
MILLIKEN__DIESEL 23629	28.78 0.45 0.00	26.45 0.31 -0.05	26.00 0.10 -0.12	25.55 0.03 0.00	25.55 0.05 0.00	26.17 0.34 0.00	27.99 0.49 0.00	29.12 0.46 -0.18	31.85 0.53 -0.10	33.90 0.63 0.00	34.43 0.68 0.00	37.16 0.91 0.00	38.97 0.84 0.00	41.37 1.13 0.00	46.40 1.22 0.00	48.55 1.36 -0.30	58.62 1.85 -2.47	58.25 2.30 -2.47	54.50 2.06 -0.98	49.95 1.76 -0.52	41.79 1.41 0.00	37.55 1.34 0.00	33.74 0.97 -0.30	29.96 0.81 -0.37
MILLSEAT__LFGE 323607	28.89 0.57 0.00	26.00 -0.13 -0.03	25.25 -0.62 -0.09	24.63 -0.89 0.00	24.63 -0.87 0.00	25.80 -0.03 0.00	27.39 -0.11 0.00	28.25 -0.37 -0.13	30.79 -0.50 -0.07	32.80 -0.47 0.00	33.48 -0.27 0.00	36.83 0.58 0.00	38.29 0.15 0.00	40.53 0.28 0.00	45.04 -0.14 0.00	46.42 -0.47 0.00	55.14 0.05 -0.79	55.17 0.85 -0.84	51.93 0.46 -0.01	48.24 0.57 0.00	40.66 0.28 0.00	37.00 0.80 0.00	33.05 0.39 -0.20	29.23 0.20 -0.25
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.97 1.64 0.00	27.91 1.57 -0.25	27.79 1.37 -0.64	26.83 1.30 0.00	26.72 1.22 0.00	27.15 1.32 0.00	29.20 1.70 0.00	31.25 1.82 -0.94	33.72 1.97 -0.53	35.46 2.20 0.00	35.92 2.16 0.00	38.39 2.14 0.00	40.42 2.29 0.00	42.58 2.33 0.00	47.98 2.80 0.00	49.75 2.86 0.00	64.49 4.34 -5.85	63.91 4.22 -6.21	54.91 3.40 -0.05	50.10 2.43 0.00	42.47 2.10 0.00	38.09 1.88 0.00	35.88 1.92 -1.50	32.37 1.76 -1.83

MILLWOOD_13_KV_LOAD 356217	30.02 1.70 0.00	27.99 1.64 -0.25	27.84 1.42 -0.64	26.90 1.38 0.00	26.75 1.25 0.00	27.17 1.34 0.00	29.26 1.76 0.00	31.31 1.88 -0.94	33.78 2.03 -0.53	35.56 2.30 0.00	36.02 2.26 0.00	38.50 2.25 0.00	40.57 2.44 0.00	42.78 2.54 0.00	48.16 2.98 0.00	49.98 3.09 0.00	64.77 4.62 -5.85	64.23 4.55 -6.21	55.17 3.65 -0.05	50.29 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	35.94 1.98 -1.50	32.46 1.84 -1.83
MODEL_CITY_ENERGY 24167	28.27 -0.06 0.00	25.37 -0.76 -0.04	24.61 -1.26 -0.09	24.07 -1.45 0.00	24.07 -1.43 0.00	25.24 -0.59 0.00	26.65 -0.85 0.00	27.46 -1.17 -0.14	29.86 -1.44 -0.08	31.90 -1.37 0.00	32.51 -1.25 0.00	35.82 -0.43 0.00	37.18 -0.95 0.00	39.28 -0.97 0.00	43.55 -1.62 0.00	44.87 -2.01 0.00	53.35 -1.79 -0.84	53.35 -1.02 -0.89	50.08 -1.39 -0.01	46.62 -1.05 0.00	39.28 -1.09 0.00	35.77 -0.43 0.00	32.06 -0.62 -0.22	28.33 -0.72 -0.26
MODERN_LFGE_ 323580	28.27 -0.06 0.00	25.37 -0.76 -0.04	24.61 -1.26 -0.09	24.07 -1.45 0.00	24.07 -1.43 0.00	25.24 -0.59 0.00	26.65 -0.85 0.00	27.46 -1.17 -0.14	29.86 -1.44 -0.08	31.90 -1.37 0.00	32.51 -1.25 0.00	35.82 -0.43 0.00	37.18 -0.95 0.00	39.28 -0.97 0.00	43.55 -1.62 0.00	44.87 -2.01 0.00	53.35 -1.79 -0.84	53.35 -1.02 -0.89	50.08 -1.39 -0.01	46.62 -1.05 0.00	39.28 -1.09 0.00	35.77 -0.43 0.00	32.06 -0.62 -0.22	28.33 -0.72 -0.26
MOHAWK_PAPER___DRP 24187	29.82 1.50 0.00	27.86 1.44 -0.32	27.96 1.34 -0.84	26.85 1.33 0.00	26.80 1.30 0.00	27.15 1.32 0.00	29.04 1.54 0.00	31.29 1.57 -1.24	33.70 1.78 -0.70	34.96 1.70 0.00	35.54 1.79 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.53 2.35 0.00	49.37 2.48 0.00	72.59 3.26 -15.04	72.70 3.26 -15.96	54.58 2.98 -0.13	50.10 2.43 0.00	42.55 2.18 0.00	38.20 1.99 0.00	38.17 1.85 -3.87	35.13 1.64 -4.71
MOHICAN___35_KV_115KV_LD 80490	30.33 2.01 0.00	28.36 1.93 -0.33	28.45 1.80 -0.87	27.29 1.76 0.00	27.23 1.73 0.00	27.61 1.78 0.00	29.53 2.03 0.00	31.78 2.02 -1.26	34.34 2.40 -0.72	35.76 2.49 0.00	36.22 2.46 0.00	38.86 2.61 0.00	40.84 2.71 0.00	42.74 2.50 0.00	48.38 3.21 0.00	50.50 3.61 0.00	77.59 4.45 -18.83	77.69 4.22 -19.98	56.11 4.48 -0.16	51.48 3.81 0.00	44.17 3.79 0.00	39.58 3.37 0.00	40.25 2.95 -4.84	37.21 2.53 -5.90
MONGAUP___HYD 23641	29.71 1.39 0.00	27.67 1.36 -0.22	27.54 1.19 -0.57	26.65 1.12 0.00	26.52 1.02 0.00	26.96 1.14 0.00	28.93 1.43 0.00	30.81 1.48 -0.84	33.38 1.68 -0.47	35.16 1.90 0.00	35.51 1.75 0.00	37.99 1.74 0.00	39.96 1.83 0.00	42.06 1.81 0.00	47.39 2.21 0.00	49.37 2.48 0.00	62.83 3.31 -5.21	62.38 3.37 -5.53	54.29 2.78 -0.05	49.71 2.05 0.00	42.39 2.02 0.00	37.95 1.74 0.00	35.55 1.75 -1.34	31.97 1.55 -1.63
MONTAUK___DIESEL 23721	49.36 4.76 -16.28	38.70 4.28 -8.33	31.75 3.92 -2.05	31.17 3.80 -1.84	31.57 3.77 -2.29	29.72 3.87 -0.02	32.12 4.51 -0.11	35.61 4.81 -2.31	40.42 5.37 -3.83	48.81 6.22 -9.33	53.56 6.11 -13.70	58.72 6.38 -16.09	62.96 6.71 -18.11	65.72 7.12 -18.35	65.73 8.00 -12.56	72.10 8.21 -17.01	99.46 10.48 -34.67	107.13 10.48 -43.17	110.61 9.47 -49.67	88.61 7.96 -32.98	59.76 6.94 -12.45	61.15 6.19 -18.75	50.97 5.91 -12.60	42.57 5.24 -8.55
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.09 0.76 0.00	26.22 0.08 -0.04	25.14 -0.75 -0.11	24.61 -0.92 0.00	24.58 -0.92 0.00	25.75 -0.08 0.00	27.58 0.08 0.00	28.36 -0.28 -0.16	31.09 -0.22 -0.09	34.03 0.77 0.00	34.43 0.68 0.00	37.88 1.63 0.00	39.24 1.11 0.00	41.90 1.65 0.00	46.31 1.13 0.00	47.87 0.98 0.00	56.52 1.19 -1.03	56.50 1.93 -1.09	52.81 1.34 -0.01	48.71 1.05 0.00	41.14 0.77 0.00	37.26 1.05 0.00	33.34 0.62 -0.26	29.45 0.35 -0.32
MORTIMER_115KV_TB3 55949	28.32 0.00 0.00	26.02 -0.10 -0.03	25.44 -0.41 -0.08	24.76 -0.77 0.00	24.73 -0.77 0.00	25.65 -0.18 0.00	27.36 -0.14 0.00	28.40 -0.20 -0.11	31.03 -0.25 -0.06	33.00 -0.27 0.00	33.42 -0.34 0.00	36.54 0.29 0.00	37.98 -0.15 0.00	40.37 0.12 0.00	45.04 -0.14 0.00	46.75 -0.14 0.00	55.17 0.22 -0.65	54.86 0.70 -0.69	51.93 0.46 -0.01	48.05 0.38 0.00	40.57 0.20 0.00	36.79 0.58 0.00	32.75 0.13 -0.17	29.10 0.12 -0.20
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.16 1.84 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.98 1.45 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.22 2.46 0.00	38.64 2.39 0.00	40.72 2.59 0.00	42.90 2.66 0.00	48.34 3.16 0.00	50.03 3.14 0.00	65.08 4.89 -5.89	64.49 4.76 -6.26	55.32 3.81 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.12 2.14 -1.52	32.58 1.96 -1.85
MUNSVILLE_WIND_PWR 323609	30.22 1.90 0.00	27.62 1.46 -0.07	27.12 1.16 -0.18	26.52 0.99 0.00	26.49 0.99 0.00	27.30 1.47 0.00	29.23 1.73 0.00	30.60 1.85 -0.26	33.18 1.81 -0.15	35.39 2.13 0.00	35.95 2.19 0.00	38.79 2.54 0.00	41.07 2.94 0.00	43.71 3.46 0.00	49.15 3.98 0.00	51.72 4.64 -0.19	62.75 5.32 -3.12	63.01 6.31 -3.22	58.21 6.12 -0.63	53.52 5.53 -0.33	44.85 4.48 0.00	39.65 3.44 0.00	35.78 2.73 -0.60	31.64 2.13 -0.73
N SALMON___HYD 24042	28.44 0.11 0.00	26.15 0.05 0.00	26.04 0.26 0.00	25.86 0.33 0.00	25.91 0.41 0.00	26.09 0.26 0.00	27.61 0.11 0.00	28.66 0.17 0.00	31.47 0.25 0.00	33.46 0.20 0.00	34.09 0.34 0.00	36.51 0.26 0.00	38.55 0.42 0.00	40.81 0.56 0.00	45.49 0.32 0.00	47.22 0.33 0.00	54.03 -0.27 0.00	52.94 -0.53 0.00	51.57 0.10 0.00	48.04 0.38 0.00	40.62 0.24 0.00	35.92 -0.29 0.00	32.10 -0.36 0.00	28.32 -0.46 0.00
N.AKRON___115KV_KNAPP 355671	28.55 0.23 0.00	26.00 -0.13 -0.03	25.25 -0.62 -0.09	24.53 -1.00 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.39 -0.11 0.00	28.22 -0.40 -0.13	30.79 -0.50 -0.07	33.00 -0.27 0.00	33.32 -0.44 0.00	36.72 0.47 0.00	37.94 -0.19 0.00	40.49 0.24 0.00	44.90 -0.27 0.00	46.42 -0.47 0.00	54.88 -0.22 -0.80	54.86 0.53 -0.85	51.73 0.26 -0.01	47.95 0.29 0.00	40.45 0.08 0.00	36.82 0.62 0.00	32.76 0.10 -0.20	29.06 0.03 -0.25
N.BELMOR_69_KV_BK1 55787	47.04 2.44 -16.28	36.67 2.24 -8.33	29.84 2.01 -2.05	29.30 1.94 -1.84	29.68 1.89 -2.29	27.81 1.96 -0.02	30.06 2.45 -0.11	33.39 2.59 -2.31	37.83 2.78 -3.83	45.68 3.09 -9.32	44.67 2.97 -7.94	45.78 2.97 -6.56	53.98 3.13 -12.72	57.28 3.22 -13.81	61.52 3.79 -12.55	67.78 3.89 -17.00	66.29 5.54 -6.45	65.97 5.56 -6.93	57.16 4.73 -0.96	51.83 3.53 -0.64	46.95 3.15 -3.43	45.10 2.79 -6.11	42.95 2.89 -7.60	39.94 2.62 -8.54
N.E._GEN_SANDY PD 24062	40.70 1.53 -10.85	38.35 1.51 -10.74	35.22 1.39 -8.05	36.30 1.35 -9.42	35.70 1.27 -8.93	35.10 1.34 -7.93	40.00 1.62 -10.88	37.55 1.68 -7.38	38.60 1.78 -5.60	35.13 1.86 0.00	35.98 1.79 -0.44	37.99 1.74 0.00	40.00 1.87 0.00	42.06 1.81 0.00	47.30 2.12 0.00	50.58 2.25 -1.44	64.60 3.15 -7.16	65.76 3.15 -9.12	54.21 2.67 -0.07	49.67 2.00 0.00	41.80 1.82 0.39	38.26 1.67 -0.39	36.32 1.65 -2.21	40.40 1.55 -10.07

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.82 1.50 0.00	27.77 1.44 -0.24	27.63 1.24 -0.62	26.70 1.17 0.00	26.60 1.10 0.00	27.02 1.19 0.00	29.07 1.57 0.00	31.04 1.65 -0.90	33.54 1.81 -0.51	35.29 2.03 0.00	35.75 1.99 0.00	38.21 1.96 0.00	40.23 2.10 0.00	42.42 2.17 0.00	47.75 2.58 0.00	49.56 2.67 0.00	64.05 4.13 -5.62	63.45 4.01 -5.96	54.70 3.19 -0.05	49.86 2.19 0.00	42.31 1.94 0.00	37.91 1.70 0.00	35.69 1.79 -1.44	32.18 1.64 -1.76
N. QUEENS_27_KV_LOAD 356247	30.46 2.12 -0.01	28.34 1.98 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.03 1.53 0.00	27.22 1.39 0.00	29.45 1.95 0.00	31.60 2.17 -0.95	33.94 2.19 -0.54	35.89 2.63 0.00	36.30 2.53 -0.01	38.79 2.54 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.43 3.25 0.00	49.93 3.05 0.00	65.47 5.27 -5.90	64.88 5.13 -6.26	55.58 4.07 -0.05	50.38 2.72 0.00	42.63 2.26 0.00	38.27 2.06 0.00	36.35 2.37 -1.52	32.79 2.16 -1.85
N. TROY___115KV_TB1 355778	29.88 1.56 0.00	27.91 1.49 -0.33	28.02 1.39 -0.85	26.88 1.35 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.07 1.57 0.00	31.32 1.60 -1.24	33.70 1.78 -0.70	35.03 1.76 0.00	35.58 1.82 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.39 2.21 0.00	49.28 2.39 0.00	74.12 3.10 -16.72	74.38 3.16 -17.74	54.44 2.83 -0.14	50.00 2.34 0.00	42.51 2.14 0.00	38.16 1.96 0.00	38.61 1.85 -4.30	35.69 1.67 -5.24
NARROWS_GT1_1 24228	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_2 24229	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_3 24230	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_4 24231	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_5 24232	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_6 24233	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_7 24234	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT1_8 24235	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_1 24236	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_2 24237	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_3 24238	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_4 24239	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85

NARROWS_GT2_5 24240	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_6 24241	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_7 24242	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NARROWS_GT2_8 24243	30.37 2.04 -0.01	28.36 2.01 -0.26	28.20 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.50 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	36.06 2.79 0.00	36.47 2.70 -0.01	38.93 2.68 0.00	41.11 2.98 0.00	43.18 2.94 0.00	48.61 3.43 0.00	50.22 3.33 0.00	65.79 5.48 -6.01	65.14 5.30 -6.37	55.68 4.17 -0.05	50.52 2.86 0.00	42.92 2.54 0.00	38.38 2.17 0.00	36.42 2.44 -1.52	32.85 2.22 -1.85
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.02 1.70 0.00	27.99 1.59 -0.30	28.00 1.44 -0.78	27.08 1.56 0.00	27.00 1.50 0.00	27.38 1.55 0.00	29.29 1.79 0.00	31.31 1.68 -1.14	33.77 1.90 -0.65	35.03 1.76 0.00	35.54 1.79 0.00	38.03 1.78 0.00	40.00 1.87 0.00	42.02 1.77 0.00	47.57 2.39 0.00	49.56 2.67 0.00	67.82 3.26 -10.27	67.74 3.37 -10.89	54.74 3.19 -0.09	50.62 2.96 0.00	42.96 2.58 0.00	38.56 2.35 0.00	37.11 2.01 -2.64	33.69 1.70 -3.21
NCHELSEA_115KV_TR2 355582	30.19 1.87 0.00	28.12 1.77 -0.25	28.01 1.57 -0.66	27.06 1.53 0.00	26.90 1.40 0.00	27.30 1.47 0.00	29.37 1.87 0.00	31.41 1.97 -0.96	33.92 2.15 -0.54	35.69 2.43 0.00	36.12 2.36 0.00	38.61 2.36 0.00	40.65 2.52 0.00	42.78 2.54 0.00	48.20 3.03 0.00	50.12 3.24 0.00	64.77 4.51 -5.97	64.30 4.49 -6.33	55.22 3.71 -0.05	50.43 2.76 0.00	42.75 2.38 0.00	38.31 2.10 0.00	36.10 2.11 -1.53	32.55 1.90 -1.87
NEG CAPITAL___MECHNVIL 23645	30.25 1.93 0.00	28.31 1.88 -0.33	28.39 1.75 -0.86	27.24 1.71 0.00	27.16 1.66 0.00	27.56 1.73 0.00	29.45 1.95 0.00	31.71 1.96 -1.26	34.18 2.25 -0.71	35.63 2.36 0.00	36.15 2.40 0.00	38.75 2.50 0.00	40.76 2.63 0.00	42.86 2.61 0.00	48.38 3.21 0.00	50.40 3.52 0.00	76.81 4.29 -18.22	77.09 4.28 -19.33	55.69 4.06 -0.16	51.14 3.48 0.00	43.56 3.19 0.00	39.07 2.86 0.00	39.74 2.60 -4.68	36.76 2.27 -5.71
NEG CENTRAL_HIGH_ACRES 23767	27.90 -0.42 0.00	25.45 -0.68 -0.03	24.92 -0.93 -0.07	24.30 -1.22 0.00	24.30 -1.20 0.00	25.11 -0.72 0.00	26.87 -0.63 0.00	27.97 -0.63 -0.11	30.62 -0.66 -0.06	32.43 -0.83 0.00	33.15 -0.61 0.00	36.07 -0.18 0.00	37.71 -0.42 0.00	39.97 -0.28 0.00	44.68 -0.50 0.00	46.45 -0.56 -0.12	55.23 -0.22 -1.15	54.91 0.27 -1.16	51.80 -0.05 -0.39	47.83 -0.05 -0.21	40.17 -0.20 0.00	36.35 0.15 0.00	32.46 -0.16 -0.16	28.75 -0.23 -0.20
NEG CENTRAL___DRP 24199	28.38 0.06 0.00	26.02 -0.10 -0.03	25.50 -0.36 -0.08	25.04 -0.48 0.00	25.07 -0.43 0.00	25.75 -0.08 0.00	27.55 0.05 0.00	28.60 0.00 -0.12	31.38 0.09 -0.07	33.43 0.17 0.00	33.92 0.17 0.00	36.69 0.44 0.00	38.40 0.27 0.00	40.81 0.56 0.00	45.63 0.45 0.00	47.70 0.52 -0.29	57.06 0.81 -1.94	56.68 1.28 -1.92	53.43 1.03 -0.94	48.98 0.81 -0.51	40.94 0.57 0.00	37.00 0.80 0.00	33.09 0.45 -0.18	29.37 0.37 -0.22
NEG CENTRAL___INDECK 23768	28.78 0.45 0.00	26.08 -0.05 -0.04	25.42 -0.46 -0.10	24.81 -0.71 0.00	24.81 -0.69 0.00	25.80 -0.03 0.00	27.50 0.00 0.00	28.22 -0.43 -0.15	30.43 -0.87 -0.09	32.40 -0.87 0.00	33.01 -0.74 0.00	36.04 -0.22 0.00	37.52 -0.61 0.00	39.85 -0.40 0.00	44.41 -0.77 0.00	45.85 -1.03 0.00	55.11 -0.16 -0.97	55.41 0.91 -1.03	52.35 0.87 -0.01	49.05 1.38 0.00	41.38 1.01 0.00	37.58 1.38 0.00	33.48 0.78 -0.25	30.35 1.26 -0.30
NEG CENTRAL___SENECA 23627	28.49 0.17 0.00	26.05 -0.08 -0.03	25.48 -0.39 -0.09	24.99 -0.54 0.00	25.02 -0.48 0.00	25.80 -0.03 0.00	27.64 0.14 0.00	28.65 0.03 -0.13	31.45 0.16 -0.07	33.53 0.27 0.00	33.99 0.24 0.00	36.83 0.58 0.00	38.48 0.34 0.00	40.93 0.68 0.00	45.72 0.54 0.00	47.65 0.61 -0.15	56.70 0.98 -1.42	56.46 1.55 -1.43	53.18 1.24 -0.48	48.92 1.00 -0.26	41.10 0.73 0.00	37.26 1.05 0.00	33.31 0.65 -0.20	29.52 0.49 -0.25
NEG CENTRAL___STATE_STREET 24147	28.58 0.25 0.00	26.28 0.16 -0.03	25.83 -0.03 -0.08	25.37 -0.15 0.00	25.40 -0.10 0.00	26.01 0.18 0.00	27.83 0.33 0.00	28.94 0.34 -0.11	31.63 0.34 -0.06	33.73 0.47 0.00	34.23 0.47 0.00	36.94 0.69 0.00	38.74 0.61 0.00	41.13 0.89 0.00	46.08 0.90 0.00	48.38 1.08 -0.42	58.50 1.74 -2.46	58.02 2.14 -2.41	54.61 1.80 -1.34	49.86 1.48 -0.72	41.50 1.13 0.00	37.44 1.23 0.00	33.45 0.81 -0.18	29.69 0.69 -0.21
NEG MILLWOOD___DRP 24198	30.22 1.90 0.00	28.18 1.83 -0.25	28.04 1.60 -0.66	27.08 1.56 0.00	26.93 1.43 0.00	27.33 1.50 0.00	29.42 1.92 0.00	31.48 2.02 -0.97	33.95 2.19 -0.55	35.79 2.53 0.00	36.22 2.46 0.00	38.75 2.50 0.00	40.92 2.78 0.00	43.15 2.90 0.00	48.61 3.43 0.00	50.50 3.61 0.00	65.42 5.10 -6.01	64.89 5.03 -6.38	55.74 4.22 -0.05	50.76 3.10 0.00	42.96 2.58 0.00	38.52 2.32 0.00	36.18 2.17 -1.55	32.65 1.99 -1.88
NEG NORTH_FLCN_SEA 23793	28.61 0.28 0.00	26.30 0.21 0.00	26.16 0.39 0.00	26.01 0.48 0.00	26.09 0.59 0.00	26.29 0.46 0.00	27.86 0.36 0.00	29.26 0.77 0.00	32.06 0.84 0.00	34.10 0.83 0.00	34.70 0.95 0.00	37.19 0.94 0.00	39.50 1.37 0.00	41.78 1.53 0.00	46.53 1.36 0.00	48.25 1.36 0.00	54.74 0.43 0.00	53.64 0.16 0.00	52.13 0.67 0.00	48.52 0.86 0.00	41.02 0.65 0.00	36.24 0.04 0.00	32.30 -0.16 0.00	28.49 -0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	28.38 0.06 0.00	26.10 0.00 0.00	25.98 0.21 0.00	25.86 0.33 0.00	25.91 0.41 0.00	26.11 0.28 0.00	27.64 0.14 0.00	28.69 0.20 0.00	31.47 0.25 0.00	33.46 0.20 0.00	34.06 0.30 0.00	36.51 0.25 0.00	38.67 0.53 0.00	40.81 0.56 0.00	45.49 0.32 0.00	47.21 0.33 0.00	54.08 -0.22 0.00	53.05 -0.43 0.00	51.57 0.10 0.00	48.09 0.43 0.00	40.65 0.28 0.00	35.92 -0.29 0.00	32.04 -0.42 0.00	28.26 -0.52 0.00

QUAKERRD_115KV_BK1 80622	27.45 -0.88 0.00	25.24 -0.89 -0.03	24.74 -1.11 -0.07	24.12 -1.40 0.00	24.10 -1.40 0.00	24.87 -0.96 0.00	26.56 -0.93 0.00	27.66 -0.94 -0.11	30.25 -1.03 -0.06	32.13 -1.13 0.00	32.61 -1.15 0.00	35.49 -0.76 0.00	36.99 -1.14 0.00	39.32 -0.93 0.00	43.91 -1.26 0.00	45.67 -1.22 0.00	53.78 -1.14 -0.62	53.38 -0.75 -0.65	50.54 -0.93 -0.01	46.81 -0.86 0.00	39.48 -0.89 0.00	35.77 -0.43 0.00	31.90 -0.71 -0.16	28.31 -0.66 -0.19
QUENSBRY_115KV_TB8 356137	30.36 2.04 0.00	28.39 1.96 -0.33	28.48 1.83 -0.87	27.31 1.79 0.00	27.26 1.76 0.00	27.64 1.81 0.00	29.56 2.06 0.00	31.81 2.05 -1.27	34.37 2.44 -0.72	35.79 2.53 0.00	36.29 2.53 0.00	38.90 2.65 0.00	40.88 2.75 0.00	42.74 2.50 0.00	48.43 3.25 0.00	50.59 3.70 0.00	77.82 4.56 -18.96	77.93 4.33 -20.12	56.26 4.63 -0.16	51.62 3.96 0.00	44.37 4.00 0.00	39.72 3.51 0.00	40.39 3.05 -4.88	37.34 2.62 -5.94
RAMAPO___LBMP 323565	29.77 1.44 0.00	27.72 1.38 -0.24	27.55 1.16 -0.62	26.65 1.12 0.00	26.52 1.02 0.00	26.94 1.11 0.00	29.01 1.51 0.00	30.96 1.57 -0.90	33.45 1.72 -0.51	35.19 1.93 0.00	35.65 1.89 0.00	38.10 1.85 0.00	40.11 1.98 0.00	42.30 2.05 0.00	47.62 2.44 0.00	49.37 2.48 0.00	63.81 3.91 -5.59	63.21 3.80 -5.94	54.50 2.98 -0.05	49.71 2.05 0.00	42.19 1.82 0.00	37.80 1.59 0.00	35.58 1.69 -1.44	32.09 1.55 -1.75
RANKINE____ 23646	28.52 0.20 0.00	25.87 -0.26 -0.04	25.03 -0.85 -0.10	24.50 -1.02 0.00	24.53 -0.97 0.00	25.67 -0.15 0.00	27.36 -0.14 0.00	28.01 -0.63 -0.15	30.52 -0.78 -0.08	33.20 -0.07 0.00	33.49 -0.27 0.00	36.94 0.69 0.00	38.21 0.08 0.00	40.77 0.52 0.00	45.09 -0.09 0.00	46.56 -0.33 0.00	55.34 0.11 -0.93	55.27 0.80 -0.99	51.78 0.31 -0.01	47.86 0.19 0.00	40.37 0.00 0.00	36.68 0.47 0.00	32.76 0.06 -0.24	28.99 -0.09 -0.29
RAVENSWOOD_GT2_1 24244	30.05 1.73 0.00	28.07 1.72 -0.25	27.92 1.49 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	49.98 3.09 0.00	65.03 4.83 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD_GT2_2 24245	30.05 1.73 0.00	28.07 1.72 -0.25	27.92 1.49 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	49.98 3.09 0.00	65.03 4.83 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD_GT2_3 24246	30.05 1.73 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.19 2.43 0.00	38.61 2.35 0.00	40.76 2.63 0.00	42.86 2.61 0.00	48.34 3.16 0.00	50.03 3.14 0.00	65.09 4.89 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.67 2.30 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD_GT2_4 24247	30.05 1.73 0.00	28.09 1.75 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.19 2.43 0.00	38.61 2.35 0.00	40.76 2.63 0.00	42.86 2.61 0.00	48.34 3.16 0.00	50.03 3.14 0.00	65.09 4.89 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.67 2.30 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD_GT3_1 24248	30.05 1.73 0.00	28.07 1.72 -0.25	27.92 1.49 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	50.03 3.14 0.00	65.09 4.89 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD_GT3_2 24249	30.05 1.73 0.00	28.07 1.72 -0.25	27.92 1.49 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	50.03 3.14 0.00	65.09 4.89 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD_GT3_3 24250	30.19 1.87 0.00	28.12 1.77 -0.25	27.97 1.55 -0.65	26.98 1.45 0.00	26.88 1.38 0.00	27.28 1.45 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.04 2.28 -0.54	35.83 2.56 0.00	36.29 2.53 0.00	38.72 2.47 0.00	40.76 2.63 0.00	42.98 2.74 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.19 5.00 -5.89	64.60 4.87 -6.26	55.38 3.86 -0.05	50.43 2.76 0.00	42.75 2.38 0.00	38.31 2.10 0.00	36.18 2.21 -1.52	32.64 2.01 -1.85
RAVENSWOOD_GT3_4 24251	30.08 1.76 0.00	28.12 1.78 -0.25	27.97 1.55 -0.65	26.98 1.45 0.00	26.88 1.38 0.00	27.28 1.45 0.00	29.42 1.92 0.00	31.52 2.08 -0.95	34.03 2.28 -0.54	35.89 2.63 0.00	36.22 2.46 0.00	38.68 2.43 0.00	40.80 2.67 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.08 3.19 0.00	65.19 4.99 -5.90	64.55 4.82 -6.26	55.32 3.81 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.08 2.11 -1.52	32.59 1.96 -1.85
RAVENSWOOD_GT_1 23729	30.20 1.87 -0.01	28.21 1.85 -0.26	28.05 1.63 -0.65	27.06 1.53 0.00	26.93 1.43 0.00	27.28 1.45 0.00	29.45 1.95 0.00	31.58 2.14 -0.95	34.07 2.31 -0.54	35.99 2.73 0.00	36.33 2.56 -0.01	38.75 2.50 0.00	40.88 2.75 0.00	42.99 2.74 0.00	48.43 3.25 0.00	50.08 3.19 0.00	65.38 5.16 -5.92	64.73 4.97 -6.28	55.38 3.86 -0.05	50.33 2.67 0.00	42.71 2.34 0.00	38.23 2.03 0.00	36.22 2.24 -1.53	32.71 2.07 -1.86
RAVENSWOOD_GT_10 24258	30.16 1.84 0.00	28.07 1.72 -0.25	27.92 1.50 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.22 2.46 0.00	38.64 2.39 0.00	40.69 2.55 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.08 4.89 -5.89	64.44 4.71 -6.25	55.27 3.76 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.12 2.14 -1.51	32.58 1.96 -1.85
RAVENSWOOD_GT_11 24259	30.05 1.73 0.00	28.07 1.72 -0.25	27.92 1.49 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	50.03 3.14 0.00	65.03 4.83 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.53 1.90 -1.85

RAVENSWOOD_GT_4 24252	30.13 1.81 0.01	28.06 1.72 -0.24	27.92 1.50 -0.65	26.93 1.40 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.46 2.02 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.18 2.43 0.01	38.61 2.36 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	49.98 3.09 0.00	65.03 4.83 -5.90	64.45 4.71 -6.26	55.27 3.76 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.08 2.11 -1.51	32.55 1.93 -1.84
RAVENSWOOD_GT_5 24254	30.13 1.81 0.01	28.06 1.72 -0.24	27.92 1.50 -0.65	26.93 1.40 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.46 2.02 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.18 2.43 0.01	38.61 2.36 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	49.98 3.09 0.00	65.03 4.83 -5.90	64.45 4.71 -6.26	55.27 3.76 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.08 2.11 -1.51	32.55 1.93 -1.84
RAVENSWOOD_GT_6 24253	30.13 1.81 0.01	28.06 1.72 -0.24	27.92 1.50 -0.65	26.93 1.40 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.46 2.02 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.18 2.43 0.01	38.61 2.36 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	49.98 3.09 0.00	65.03 4.83 -5.90	64.45 4.71 -6.26	55.27 3.76 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.08 2.11 -1.51	32.55 1.93 -1.84
RAVENSWOOD_GT_7 24255	30.13 1.81 0.01	28.06 1.72 -0.24	27.92 1.50 -0.65	26.93 1.40 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.46 2.02 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.18 2.43 0.01	38.61 2.36 0.00	40.69 2.55 0.00	42.86 2.62 0.00	48.29 3.12 0.00	49.98 3.09 0.00	65.03 4.83 -5.90	64.45 4.71 -6.26	55.27 3.76 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.08 2.11 -1.51	32.55 1.93 -1.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.16 1.84 0.00	28.07 1.72 -0.25	27.92 1.50 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.22 1.39 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.76 2.49 0.00	36.22 2.46 0.00	38.64 2.39 0.00	40.69 2.55 0.00	42.90 2.66 0.00	48.34 3.16 0.00	49.98 3.09 0.00	65.08 4.89 -5.89	64.44 4.71 -6.25	55.27 3.76 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.24 2.03 0.00	36.12 2.14 -1.51	32.58 1.96 -1.85
RAVENSWOOD_GT_9 24257	30.05 1.73 0.00	28.07 1.72 -0.25	27.92 1.49 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	50.03 3.14 0.00	65.03 4.83 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.53 1.90 -1.85
RAVENSWOOD___1 23533	30.17 1.84 -0.01	28.21 1.85 -0.26	28.05 1.63 -0.65	27.06 1.53 0.00	26.93 1.43 0.00	27.25 1.42 0.00	29.45 1.95 0.00	31.58 2.14 -0.95	34.03 2.28 -0.54	35.96 2.69 0.00	36.33 2.56 -0.01	38.75 2.50 0.00	40.84 2.71 0.00	42.94 2.70 0.00	48.43 3.25 0.00	50.08 3.19 0.00	65.31 5.10 -5.90	64.72 4.97 -6.26	55.38 3.86 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.23 2.03 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
RAVENSWOOD___2 23534	30.17 1.84 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.03 2.28 -0.54	35.96 2.69 0.00	36.30 2.53 -0.01	38.72 2.47 0.00	40.84 2.71 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.03 3.14 0.00	65.31 5.10 -5.90	64.66 4.92 -6.26	55.38 3.86 -0.05	50.28 2.62 0.00	42.67 2.30 0.00	38.20 1.99 0.00	36.19 2.21 -1.52	32.68 2.04 -1.85
RAVENSWOOD___3 23535	30.05 1.73 0.00	28.07 1.72 -0.25	27.95 1.52 -0.65	26.95 1.43 0.00	26.85 1.35 0.00	27.25 1.42 0.00	29.39 1.90 0.00	31.49 2.05 -0.95	33.97 2.22 -0.54	35.83 2.56 0.00	36.15 2.40 0.00	38.61 2.35 0.00	40.73 2.59 0.00	42.86 2.61 0.00	48.29 3.11 0.00	50.03 3.14 0.00	65.09 4.89 -5.90	64.44 4.71 -6.26	55.22 3.71 -0.05	50.28 2.62 0.00	42.63 2.26 0.00	38.20 1.99 0.00	36.05 2.08 -1.52	32.56 1.93 -1.85
RAVENSWOOD___4 23820	30.17 1.84 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.25 1.42 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.01 2.25 -0.54	35.93 2.66 0.00	36.30 2.53 -0.01	38.72 2.47 0.00	40.84 2.71 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.03 3.14 0.00	65.29 5.10 -5.89	64.64 4.92 -6.25	55.32 3.81 -0.05	50.28 2.62 0.00	42.67 2.30 0.00	38.20 1.99 0.00	36.19 2.21 -1.52	32.65 2.01 -1.85
RCPL_TRUST___DRP 24196	30.14 1.81 0.00	28.07 1.72 -0.25	27.92 1.50 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	34.00 2.25 -0.54	35.79 2.53 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.14 4.94 -5.89	64.49 4.76 -6.26	55.32 3.81 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.12 2.14 -1.52	32.58 1.96 -1.85
RED___ROCHESTER 323720	28.75 0.43 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.07 -0.20 0.00	33.79 0.03 0.00	36.90 0.65 0.00	38.47 0.34 0.00	40.77 0.52 0.00	45.54 0.36 0.00	47.07 0.19 0.00	55.76 0.82 -0.64	55.55 1.39 -0.68	52.45 0.98 -0.01	48.67 1.00 0.00	41.02 0.64 0.00	37.19 0.98 0.00	33.18 0.55 -0.17	29.42 0.43 -0.20
REGAN___SOLAR 323812	30.99 2.66 0.00	28.98 2.51 -0.38	29.11 2.35 -0.99	27.77 2.25 0.00	27.74 2.24 0.00	28.23 2.40 0.00	30.27 2.78 0.00	32.41 2.48 -1.44	35.25 3.22 -0.82	36.43 3.16 0.00	36.96 3.21 0.00	39.88 3.62 0.00	42.02 3.89 0.00	44.27 4.02 0.00	50.06 4.88 0.00	52.70 5.81 0.00	77.81 5.81 -17.70	78.51 6.25 -18.78	57.95 6.33 -0.15	53.48 5.81 0.00	45.74 5.37 0.00	40.95 4.74 0.00	41.07 4.06 -4.55	37.69 3.37 -5.54
RENSSELAER___COGEN 23796	29.29 0.96 0.00	27.41 0.99 -0.32	27.54 0.93 -0.83	26.47 0.94 0.00	26.39 0.89 0.00	26.76 0.93 0.00	28.57 1.07 0.00	30.82 1.11 -1.22	33.12 1.22 -0.69	34.43 1.16 0.00	34.90 1.15 0.00	37.34 1.09 0.00	39.32 1.18 0.00	41.34 1.09 0.00	46.58 1.40 0.00	48.39 1.50 0.00	69.16 2.06 -12.80	69.14 2.08 -13.58	53.33 1.75 -0.11	49.00 1.33 0.00	41.63 1.25 0.00	37.37 1.16 0.00	36.88 1.14 -3.29	33.82 1.03 -4.01
REPUBLIC_115KV_BARTNBRK 55605	31.92 3.60 0.00	29.87 3.44 -0.33	29.92 3.27 -0.87	28.72 3.19 0.00	28.69 3.19 0.00	29.16 3.33 0.00	31.29 3.79 0.00	33.54 3.79 -1.27	36.65 4.71 -0.72	38.22 4.96 0.00	38.92 5.16 0.00	41.87 5.62 0.00	43.70 5.57 0.00	45.84 5.59 0.00	52.22 7.05 0.00	54.72 7.83 0.00	82.32 9.12 -18.90	82.25 8.72 -20.06	60.69 9.06 -0.16	55.72 8.06 0.00	48.12 7.75 0.00	43.01 6.81 0.00	43.13 5.81 -4.86	39.54 4.84 -5.92

REVERE_CPPR_DRP 24186	29.00 0.68 0.00	26.63 0.52 -0.01	26.22 0.41 -0.03	25.86 0.33 0.00	25.83 0.33 0.00	26.37 0.54 0.00	28.16 0.66 0.00	29.33 0.80 -0.05	32.15 0.91 -0.03	34.30 1.03 0.00	34.87 1.11 0.00	37.56 1.31 0.00	39.58 1.45 0.00	41.98 1.73 0.00	47.25 2.08 0.00	49.31 2.30 -0.12	57.42 2.61 -0.51	56.96 2.99 -0.49	54.79 2.93 -0.39	50.45 2.57 -0.21	42.51 2.14 0.00	37.69 1.48 0.00	33.59 1.14 0.00	29.62 0.83 0.00
REYNOLDS_115KV_TB3 80639	29.60 1.27 0.00	27.64 1.23 -0.32	27.77 1.16 -0.83	26.67 1.15 0.00	26.60 1.10 0.00	26.97 1.14 0.00	28.82 1.32 0.00	31.07 1.37 -1.22	33.41 1.50 -0.69	34.63 1.36 0.00	35.17 1.42 0.00	37.63 1.38 0.00	39.58 1.45 0.00	41.62 1.37 0.00	46.85 1.67 0.00	48.67 1.78 0.00	70.28 2.44 -13.54	70.31 2.46 -14.37	53.69 2.11 -0.12	49.33 1.67 0.00	41.91 1.53 0.00	37.62 1.41 0.00	37.34 1.40 -3.48	34.32 1.30 -4.24
RIVERBAY____ 323610	30.63 2.29 -0.01	28.52 2.17 -0.26	28.36 1.93 -0.65	27.31 1.79 0.00	27.18 1.68 0.00	27.35 1.52 0.00	29.53 2.03 0.00	31.69 2.25 -0.95	34.19 2.44 -0.54	36.12 2.86 0.00	36.57 2.80 -0.01	39.01 2.76 0.00	40.99 2.86 0.00	43.19 2.94 0.00	48.70 3.52 0.00	50.22 3.33 0.00	65.58 5.38 -5.90	64.98 5.24 -6.26	55.68 4.17 -0.05	50.48 2.81 0.00	42.75 2.38 0.00	38.38 2.17 0.00	36.51 2.53 -1.52	32.91 2.27 -1.85
RIVERSDE_115KV_TB3 55908	29.48 1.16 0.00	27.57 1.15 -0.32	27.67 1.06 -0.84	26.60 1.07 0.00	26.52 1.02 0.00	26.89 1.06 0.00	28.74 1.24 0.00	30.99 1.28 -1.22	33.32 1.40 -0.69	34.53 1.26 0.00	35.07 1.32 0.00	37.52 1.27 0.00	39.50 1.37 0.00	41.54 1.29 0.00	46.80 1.63 0.00	48.62 1.73 0.00	70.41 2.39 -13.72	70.45 2.41 -14.56	53.64 2.06 -0.12	49.29 1.62 0.00	41.83 1.45 0.00	37.55 1.34 0.00	37.32 1.33 -3.53	34.29 1.21 -4.30
ROARING__BROOK_WT_PWR 323790	28.15 -0.17 0.00	25.94 -0.16 0.00	25.65 -0.13 0.00	25.40 -0.13 0.00	25.35 -0.15 0.00	25.57 -0.26 0.00	27.17 -0.33 0.00	28.15 -0.34 0.00	30.88 -0.34 0.00	32.96 -0.30 0.00	33.52 -0.23 0.00	36.00 -0.25 0.00	37.87 -0.27 0.00	39.97 -0.28 0.00	44.81 -0.36 0.00	46.51 -0.38 0.00	53.70 -0.60 0.00	52.84 -0.64 0.00	50.90 -0.56 0.00	47.14 -0.52 0.00	39.81 -0.57 0.00	35.52 -0.69 0.00	31.74 -0.71 0.00	28.06 -0.72 0.00
ROCHESRG_115KV_T4 355643	28.18 -0.14 0.00	25.89 -0.23 -0.03	25.34 -0.52 -0.07	24.66 -0.87 0.00	24.63 -0.87 0.00	25.52 -0.31 0.00	27.22 -0.27 0.00	28.28 -0.31 -0.11	30.88 -0.41 -0.06	32.86 -0.40 0.00	33.25 -0.51 0.00	36.32 0.07 0.00	37.75 -0.38 0.00	40.17 -0.08 0.00	44.77 -0.41 0.00	46.42 -0.47 0.00	54.78 -0.16 -0.64	54.48 0.32 -0.68	51.57 0.10 -0.01	47.76 0.10 0.00	40.29 -0.08 0.00	36.53 0.33 0.00	32.59 -0.03 -0.16	28.92 -0.06 -0.20
ROCHESTER_9_IC 23652	28.35 0.03 0.00	26.05 -0.08 -0.03	25.47 -0.39 -0.07	24.79 -0.74 0.00	24.79 -0.71 0.00	25.67 -0.15 0.00	27.39 -0.11 0.00	28.46 -0.14 -0.11	31.09 -0.19 -0.06	33.06 -0.20 0.00	33.49 -0.27 0.00	36.61 0.36 0.00	38.06 -0.08 0.00	40.49 0.24 0.00	45.13 -0.05 0.00	46.84 -0.05 0.00	55.27 0.33 -0.64	55.02 0.86 -0.68	52.04 0.57 -0.01	48.19 0.52 0.00	40.65 0.28 0.00	36.86 0.65 0.00	32.82 0.19 -0.17	29.16 0.17 -0.20
ROCKVIEW_13_KV_LD 356306	30.19 1.87 0.00	28.12 1.77 -0.25	27.97 1.55 -0.65	27.01 1.48 0.00	26.90 1.40 0.00	27.33 1.50 0.00	29.45 1.95 0.00	31.52 2.08 -0.95	34.00 2.25 -0.54	35.79 2.53 0.00	36.25 2.50 0.00	38.72 2.47 0.00	40.80 2.67 0.00	42.98 2.74 0.00	48.43 3.25 0.00	50.22 3.33 0.00	65.14 4.94 -5.89	64.55 4.81 -6.26	55.43 3.91 -0.05	50.52 2.86 0.00	42.88 2.50 0.00	38.42 2.21 0.00	36.18 2.21 -1.52	32.64 2.01 -1.85
ROME____115KV_TB2 80656	29.00 0.68 0.00	26.63 0.52 -0.01	26.22 0.41 -0.03	25.86 0.33 0.00	25.83 0.33 0.00	26.37 0.54 0.00	28.16 0.66 0.00	29.33 0.80 -0.05	32.15 0.91 -0.03	34.30 1.03 0.00	34.87 1.11 0.00	37.56 1.31 0.00	39.58 1.45 0.00	41.98 1.73 0.00	47.25 2.08 0.00	49.31 2.30 -0.12	57.42 2.61 -0.51	56.96 2.99 -0.49	54.79 2.93 -0.39	50.45 2.57 -0.21	42.51 2.14 0.00	37.69 1.48 0.00	33.59 1.14 0.00	29.62 0.83 0.00
ROSETON__1 23587	29.74 1.42 0.00	27.75 1.41 -0.25	27.69 1.26 -0.65	26.73 1.20 0.00	26.62 1.12 0.00	27.04 1.21 0.00	29.04 1.54 0.00	31.06 1.62 -0.95	33.50 1.75 -0.54	35.23 1.96 0.00	35.58 1.82 0.00	38.03 1.78 0.00	40.11 1.98 0.00	42.22 1.97 0.00	47.48 2.30 0.00	49.28 2.39 0.00	63.80 3.64 -5.86	63.28 3.58 -6.22	54.34 2.83 -0.05	49.71 2.05 0.00	42.19 1.82 0.00	37.80 1.59 0.00	35.59 1.62 -1.51	32.14 1.52 -1.84
ROSETON__2 23588	29.74 1.42 0.00	27.75 1.41 -0.25	27.69 1.26 -0.65	26.73 1.20 0.00	26.62 1.12 0.00	27.04 1.21 0.00	29.04 1.54 0.00	31.06 1.62 -0.95	33.50 1.75 -0.54	35.23 1.96 0.00	35.58 1.82 0.00	38.03 1.78 0.00	40.11 1.98 0.00	42.22 1.97 0.00	47.48 2.30 0.00	49.28 2.39 0.00	63.80 3.64 -5.86	63.28 3.58 -6.22	54.34 2.83 -0.05	49.71 2.05 0.00	42.19 1.82 0.00	37.80 1.59 0.00	35.59 1.62 -1.51	32.14 1.52 -1.84
ROTTTRDAM_115KV_TB3 80664	29.65 1.33 0.00	27.71 1.28 -0.34	27.87 1.21 -0.88	26.70 1.17 0.00	26.62 1.12 0.00	26.99 1.16 0.00	28.85 1.35 0.00	31.14 1.37 -1.28	33.48 1.53 -0.73	34.86 1.60 0.00	35.34 1.59 0.00	37.85 1.60 0.00	39.85 1.72 0.00	41.90 1.65 0.00	47.21 2.03 0.00	49.04 2.16 0.00	77.19 2.88 -20.01	77.61 2.89 -21.24	54.26 2.62 -0.17	49.81 2.14 0.00	42.35 1.98 0.00	37.98 1.77 0.00	39.26 1.66 -5.15	36.55 1.50 -6.27
RUSSELL__1 23602	28.52 0.20 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.23 -0.03 0.00	33.69 -0.07 0.00	36.83 0.58 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.49 0.32 0.00	47.21 0.33 0.00	55.70 0.76 -0.64	55.44 1.28 -0.68	52.45 0.98 -0.01	48.52 0.86 0.00	40.94 0.57 0.00	37.11 0.91 0.00	33.05 0.42 -0.17	29.33 0.35 -0.20
RUSSELL__2 23532	28.52 0.20 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.23 -0.03 0.00	33.69 -0.07 0.00	36.83 0.58 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.49 0.32 0.00	47.21 0.33 0.00	55.70 0.76 -0.64	55.44 1.28 -0.68	52.45 0.98 -0.01	48.52 0.86 0.00	40.94 0.57 0.00	37.11 0.91 0.00	33.05 0.42 -0.17	29.33 0.35 -0.20
RUSSELL__3 23549	28.52 0.20 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.23 -0.03 0.00	33.69 -0.07 0.00	36.83 0.58 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.49 0.32 0.00	47.21 0.33 0.00	55.70 0.76 -0.64	55.44 1.28 -0.68	52.45 0.98 -0.01	48.52 0.86 0.00	40.94 0.57 0.00	37.11 0.91 0.00	33.05 0.42 -0.17	29.33 0.35 -0.20

RUSSELL___4 23556	28.52 0.20 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.23 -0.03 0.00	33.69 -0.07 0.00	36.83 0.58 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.49 0.32 0.00	47.21 0.33 0.00	55.70 0.76 -0.64	55.44 1.28 -0.68	52.45 0.98 -0.01	48.52 0.86 0.00	40.94 0.57 0.00	37.11 0.91 0.00	33.05 0.42 -0.17	29.33 0.35 -0.20
RUSSELL___STATION 23914	28.52 0.20 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.23 -0.03 0.00	33.69 -0.07 0.00	36.83 0.58 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.49 0.32 0.00	47.21 0.33 0.00	55.70 0.76 -0.64	55.44 1.28 -0.68	52.45 0.98 -0.01	48.52 0.86 0.00	40.94 0.57 0.00	37.11 0.91 0.00	33.05 0.42 -0.17	29.33 0.35 -0.20
S SALMON___HYD 24043	27.93 -0.40 0.00	25.64 -0.47 -0.02	25.26 -0.57 -0.04	24.86 -0.66 0.00	24.86 -0.64 0.00	25.37 -0.46 0.00	27.03 -0.47 0.00	28.07 -0.48 -0.06	30.66 -0.59 -0.04	32.60 -0.67 0.00	33.18 -0.57 0.00	35.74 -0.51 0.00	37.60 -0.53 0.00	39.77 -0.48 0.00	44.64 -0.54 0.00	47.03 -0.47 -0.61	56.39 -0.49 -2.58	55.92 0.00 -2.44	53.30 -0.10 -1.93	48.71 0.00 -1.05	40.29 -0.08 0.00	36.14 -0.07 0.00	32.26 -0.19 0.00	28.58 -0.20 0.00
S.PERRY___115KV_TB1 80734	28.55 0.23 0.00	26.08 -0.05 -0.04	25.42 -0.46 -0.10	24.79 -0.74 0.00	24.81 -0.69 0.00	25.78 -0.05 0.00	27.50 0.00 0.00	28.21 -0.43 -0.15	30.43 -0.87 -0.09	32.57 -0.70 0.00	32.95 -0.81 0.00	35.96 -0.29 0.00	37.33 -0.80 0.00	39.85 -0.40 0.00	44.36 -0.81 0.00	45.90 -0.98 0.00	55.05 -0.22 -0.97	55.25 0.75 -1.02	52.35 0.87 -0.01	48.90 1.24 0.00	41.34 0.97 0.00	37.51 1.30 0.00	33.39 0.68 -0.25	30.26 1.18 -0.30
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.24 -0.08 0.00	25.77 -0.37 -0.04	24.97 -0.90 -0.10	24.33 -1.20 0.00	24.35 -1.15 0.00	25.49 -0.34 0.00	27.11 -0.38 0.00	27.86 -0.77 -0.14	30.33 -0.97 -0.08	32.80 -0.47 0.00	33.05 -0.71 0.00	36.47 0.22 0.00	37.67 -0.46 0.00	40.17 -0.08 0.00	44.45 -0.72 0.00	45.90 -0.98 0.00	54.48 -0.71 -0.89	54.42 0.00 -0.94	51.06 -0.41 -0.01	47.28 -0.38 0.00	39.89 -0.48 0.00	36.28 0.07 0.00	32.39 -0.29 -0.23	28.71 -0.35 -0.28
SAWYER___23_KV_LOAD 55526	28.24 -0.08 0.00	25.77 -0.37 -0.04	24.97 -0.90 -0.10	24.33 -1.20 0.00	24.35 -1.15 0.00	25.49 -0.34 0.00	27.11 -0.38 0.00	27.86 -0.77 -0.14	30.33 -0.97 -0.08	32.80 -0.47 0.00	33.05 -0.71 0.00	36.47 0.22 0.00	37.67 -0.46 0.00	40.17 -0.08 0.00	44.45 -0.72 0.00	45.90 -0.98 0.00	54.48 -0.71 -0.89	54.42 0.00 -0.94	51.06 -0.41 -0.01	47.28 -0.38 0.00	39.89 -0.48 0.00	36.28 0.07 0.00	32.39 -0.29 -0.23	28.71 -0.35 -0.28
SELKIRK___I 23801	29.54 1.22 0.00	27.64 1.23 -0.31	27.78 1.19 -0.82	26.70 1.17 0.00	26.65 1.15 0.00	26.99 1.16 0.00	28.79 1.29 0.00	31.02 1.34 -1.20	33.36 1.47 -0.68	34.73 1.46 0.00	35.17 1.42 0.00	37.66 1.41 0.00	39.62 1.49 0.00	41.69 1.45 0.00	46.98 1.81 0.00	48.81 1.92 0.00	67.75 2.55 -10.90	67.61 2.57 -11.56	53.82 2.26 -0.09	49.52 1.86 0.00	42.07 1.70 0.00	37.80 1.59 0.00	36.75 1.49 -2.80	33.58 1.38 -3.41
SELKIRK___II 23799	29.34 1.02 0.00	27.46 1.04 -0.32	27.59 0.98 -0.83	26.52 0.99 0.00	26.44 0.94 0.00	26.81 0.98 0.00	28.63 1.13 0.00	30.84 1.14 -1.21	33.16 1.25 -0.69	34.53 1.26 0.00	34.97 1.21 0.00	37.41 1.16 0.00	39.39 1.26 0.00	41.42 1.17 0.00	46.66 1.49 0.00	48.43 1.54 0.00	67.85 2.17 -11.37	67.74 2.19 -12.07	53.41 1.85 -0.10	49.09 1.43 0.00	41.70 1.33 0.00	37.44 1.23 0.00	36.58 1.20 -2.92	33.44 1.09 -3.56
SENECA OSWGO___HYD 24041	27.73 -0.60 0.00	25.46 -0.65 -0.02	25.08 -0.75 -0.05	24.71 -0.82 0.00	24.71 -0.79 0.00	25.18 -0.64 0.00	26.89 -0.61 0.00	27.93 -0.63 -0.07	30.60 -0.66 -0.04	32.50 -0.76 0.00	33.08 -0.67 0.00	35.63 -0.62 0.00	37.45 -0.69 0.00	39.65 -0.60 0.00	44.45 -0.72 0.00	46.98 -0.75 -0.84	57.17 -0.71 -3.57	56.43 -0.43 -3.38	53.58 -0.56 -2.68	48.55 -0.57 -1.45	39.81 -0.57 0.00	35.81 -0.40 0.00	32.00 -0.45 0.00	28.38 -0.40 0.00
SENECA___115KV_TB3 355854	28.55 0.23 0.00	25.93 -0.21 -0.04	25.08 -0.80 -0.10	24.56 -0.97 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.39 -0.11 0.00	28.07 -0.57 -0.15	30.59 -0.72 -0.08	33.26 0.00 0.00	33.55 -0.20 0.00	37.01 0.76 0.00	38.28 0.15 0.00	40.85 0.60 0.00	45.22 0.05 0.00	46.70 -0.19 0.00	55.45 0.22 -0.93	55.38 0.91 -0.99	51.88 0.41 -0.01	47.95 0.29 0.00	40.45 0.08 0.00	36.71 0.51 0.00	32.83 0.13 -0.24	29.04 -0.03 -0.29
SENECA___ENERGY 23797	28.32 0.00 0.00	25.89 -0.24 -0.03	25.39 -0.46 -0.08	24.91 -0.61 0.00	24.94 -0.56 0.00	25.62 -0.21 0.00	27.44 -0.05 0.00	28.49 -0.11 -0.11	31.22 -0.06 -0.07	33.20 -0.07 0.00	33.76 0.00 0.00	36.51 0.26 0.00	38.29 0.15 0.00	40.53 0.28 0.00	45.36 0.18 0.00	47.43 0.19 -0.35	56.98 0.49 -2.19	56.64 1.01 -2.15	53.32 0.72 -1.13	48.85 0.57 -0.61	40.69 0.32 0.00	36.75 0.54 0.00	32.90 0.26 -0.18	29.17 0.17 -0.22
SHOEMAKER___GT 23640	29.54 1.22 0.00	27.54 1.23 -0.22	27.43 1.08 -0.57	26.55 1.02 0.00	26.44 0.94 0.00	26.86 1.03 0.00	28.82 1.32 0.00	30.70 1.37 -0.84	33.13 1.44 -0.47	34.93 1.66 0.00	35.31 1.55 0.00	37.77 1.52 0.00	39.77 1.64 0.00	41.90 1.65 0.00	47.16 1.99 0.00	49.00 2.11 0.00	62.72 3.20 -5.21	62.22 3.21 -5.53	54.08 2.57 -0.05	49.52 1.86 0.00	42.03 1.66 0.00	37.66 1.45 0.00	35.26 1.46 -1.34	31.77 1.35 -1.63
SHOEMAKR_138KV_BK 111 55601	29.57 1.25 0.00	27.51 1.20 -0.22	27.40 1.06 -0.57	26.52 1.00 0.00	26.42 0.92 0.00	26.84 1.01 0.00	28.79 1.29 0.00	30.66 1.34 -0.83	33.13 1.44 -0.47	34.89 1.63 0.00	35.31 1.55 0.00	37.77 1.52 0.00	39.77 1.64 0.00	41.94 1.69 0.00	47.16 1.99 0.00	48.95 2.06 0.00	62.73 3.26 -5.17	62.18 3.21 -5.49	54.13 2.62 -0.04	49.52 1.86 0.00	42.03 1.66 0.00	37.66 1.45 0.00	35.28 1.49 -1.33	31.75 1.35 -1.62
SHOREHAM_IC_1 23715	47.88 3.28 -16.28	37.50 3.08 -8.33	30.61 2.78 -2.05	30.04 2.68 -1.84	30.42 2.63 -2.29	28.59 2.74 -0.02	30.88 3.27 -0.11	34.27 3.47 -2.31	38.89 3.84 -3.84	46.98 4.39 -9.33	51.71 4.02 -13.94	56.77 4.02 -16.49	60.82 4.35 -18.34	63.21 4.43 -18.54	62.71 4.97 -12.56	68.92 5.02 -17.01	96.90 6.73 -35.87	104.92 6.74 -44.70	109.11 5.92 -51.73	86.97 4.96 -34.34	57.52 4.48 -12.66	59.51 4.02 -19.29	49.29 4.02 -12.81	41.02 3.68 -8.55
SHOREHAM_IC_2 23716	47.88 3.28 -16.28	37.50 3.08 -8.33	30.61 2.78 -2.05	30.04 2.68 -1.84	30.42 2.63 -2.29	28.59 2.74 -0.02	30.88 3.27 -0.11	34.27 3.47 -2.31	38.89 3.84 -3.84	46.98 4.39 -9.33	51.71 4.02 -13.94	56.77 4.02 -16.49	60.82 4.35 -18.34	63.21 4.43 -18.54	62.71 4.97 -12.56	68.92 5.02 -17.01	96.90 6.73 -35.87	104.92 6.74 -44.70	109.11 5.92 -51.73	86.97 4.96 -34.34	57.52 4.48 -12.66	59.51 4.02 -19.29	49.29 4.02 -12.81	41.02 3.68 -8.55

SISSONVILLE____ 23735	28.04 -0.28 0.00	25.81 -0.29 0.00	25.68 -0.10 0.00	25.47 -0.05 0.00	25.47 -0.03 0.00	25.65 -0.18 0.00	27.00 -0.49 0.00	27.86 -0.63 0.00	30.53 -0.69 0.00	32.53 -0.73 0.00	33.11 -0.64 0.00	35.35 -0.91 0.00	37.48 -0.65 0.00	39.24 -1.01 0.00	43.78 -1.40 0.00	45.66 -1.31 -0.09	52.45 -2.23 -0.38	51.48 -2.35 -0.36	50.05 -1.70 -0.28	46.63 -1.19 -0.15	39.32 -1.05 0.00	35.16 -1.05 0.00	31.68 -0.78 0.00	28.00 -0.78 0.00
SITHE_IND_GS1 24169	27.45 -0.88 0.00	25.25 -0.86 -0.02	24.89 -0.93 -0.04	24.53 -1.00 0.00	24.51 -0.99 0.00	24.98 -0.85 0.00	26.62 -0.88 0.00	27.63 -0.91 -0.06	30.25 -1.00 -0.03	32.20 -1.07 0.00	32.71 -1.05 0.00	35.24 -1.01 0.00	37.02 -1.11 0.00	39.16 -1.08 0.00	43.91 -1.26 0.00	43.09 -1.36 2.43	42.60 -1.41 10.29	42.51 -1.23 9.74	42.39 -1.34 7.73	42.20 -1.28 4.18	39.24 -1.13 0.00	35.30 -0.90 0.00	31.58 -0.87 0.00	27.98 -0.81 0.00
SITHE_IND_GS2 24170	27.45 -0.88 0.00	25.25 -0.86 -0.02	24.89 -0.93 -0.04	24.53 -1.00 0.00	24.51 -0.99 0.00	24.98 -0.85 0.00	26.62 -0.88 0.00	27.63 -0.91 -0.06	30.25 -1.00 -0.03	32.20 -1.07 0.00	32.71 -1.05 0.00	35.24 -1.01 0.00	37.02 -1.11 0.00	39.16 -1.08 0.00	43.91 -1.26 0.00	43.09 -1.36 2.43	42.60 -1.41 10.29	42.51 -1.23 9.74	42.39 -1.34 7.73	42.20 -1.28 4.18	39.24 -1.13 0.00	35.30 -0.90 0.00	31.58 -0.87 0.00	27.98 -0.81 0.00
SITHE_IND_GS3 24171	27.45 -0.88 0.00	25.25 -0.86 -0.02	24.89 -0.93 -0.04	24.53 -1.00 0.00	24.51 -0.99 0.00	24.98 -0.85 0.00	26.62 -0.88 0.00	27.63 -0.91 -0.06	30.25 -1.00 -0.03	32.20 -1.07 0.00	32.71 -1.05 0.00	35.24 -1.01 0.00	37.02 -1.11 0.00	39.16 -1.08 0.00	43.91 -1.26 0.00	43.09 -1.36 2.43	42.60 -1.41 10.29	42.51 -1.23 9.74	42.39 -1.34 7.73	42.20 -1.28 4.18	39.24 -1.13 0.00	35.30 -0.90 0.00	31.58 -0.87 0.00	27.98 -0.81 0.00
SITHE_IND_GS4 24172	27.45 -0.88 0.00	25.25 -0.86 -0.02	24.89 -0.93 -0.04	24.53 -1.00 0.00	24.51 -0.99 0.00	24.98 -0.85 0.00	26.62 -0.88 0.00	27.63 -0.91 -0.06	30.25 -1.00 -0.03	32.20 -1.07 0.00	32.71 -1.05 0.00	35.24 -1.01 0.00	37.02 -1.11 0.00	39.16 -1.08 0.00	43.91 -1.26 0.00	43.09 -1.36 2.43	42.60 -1.41 10.29	42.51 -1.23 9.74	42.39 -1.34 7.73	42.20 -1.28 4.18	39.24 -1.13 0.00	35.30 -0.90 0.00	31.58 -0.87 0.00	27.98 -0.81 0.00
SITHE____BATAVIA 24024	29.09 0.77 0.00	26.23 0.10 -0.03	25.48 -0.39 -0.09	24.84 -0.69 0.00	24.84 -0.66 0.00	26.01 0.18 0.00	27.64 0.14 0.00	28.53 -0.09 -0.13	31.14 -0.16 -0.07	33.10 -0.17 0.00	33.82 0.07 0.00	37.16 0.91 0.00	38.67 0.53 0.00	40.93 0.68 0.00	45.54 0.36 0.00	46.93 0.05 0.00	55.72 0.65 -0.77	55.79 1.50 -0.81	52.55 1.08 -0.01	48.81 1.14 0.00	41.14 0.77 0.00	37.40 1.19 0.00	33.37 0.71 -0.20	29.54 0.52 -0.24
SITHE____INDEPEND 23800	27.42 -0.91 0.00	25.25 -0.86 -0.02	24.89 -0.93 -0.04	24.53 -1.00 0.00	24.51 -0.99 0.00	24.98 -0.85 0.00	26.62 -0.88 0.00	27.63 -0.91 -0.06	30.25 -1.00 -0.03	32.20 -1.06 0.00	32.71 -1.05 0.00	35.24 -1.02 0.00	36.99 -1.14 0.00	39.16 -1.09 0.00	43.91 -1.26 0.00	43.09 -1.36 2.43	42.54 -1.47 10.29	42.51 -1.23 9.74	42.40 -1.34 7.73	42.20 -1.29 4.18	39.24 -1.13 0.00	35.27 -0.94 0.00	31.55 -0.91 0.00	27.98 -0.81 0.00
SITHE____MASSENA 23902	28.21 -0.11 0.00	25.99 -0.10 0.00	25.83 0.05 0.00	25.65 0.13 0.00	25.68 0.18 0.00	25.80 -0.03 0.00	27.28 -0.22 0.00	28.26 -0.23 0.00	31.00 -0.22 0.00	33.03 -0.23 0.00	33.55 -0.20 0.00	35.96 -0.29 0.00	37.71 -0.42 0.00	39.89 -0.36 0.00	44.64 -0.54 0.00	46.37 -0.51 0.00	53.00 -1.30 0.00	51.93 -1.55 0.00	50.49 -0.98 0.00	47.10 -0.57 0.00	39.85 -0.53 0.00	35.70 -0.51 0.00	32.04 -0.42 0.00	28.38 -0.40 0.00
SITHE____OGDNSBRG 24021	28.41 0.08 0.00	26.12 0.03 0.00	25.98 0.21 0.00	25.81 0.28 0.00	25.83 0.33 0.00	25.98 0.15 0.00	27.44 -0.05 0.00	28.37 -0.11 0.00	31.10 -0.12 0.00	33.13 -0.13 0.00	33.69 -0.07 0.00	36.07 -0.18 0.00	38.25 0.11 0.00	40.13 -0.12 0.00	44.86 -0.32 0.00	46.75 -0.14 0.00	53.32 -0.98 0.00	52.30 -1.18 0.00	50.95 -0.51 0.00	47.67 0.00 0.00	40.33 -0.04 0.00	35.99 -0.22 0.00	32.33 -0.13 0.00	28.55 -0.23 0.00
SITHE____STERLING 23777	28.86 0.54 0.00	26.50 0.39 -0.01	26.10 0.28 -0.04	25.73 0.20 0.00	25.70 0.20 0.00	26.24 0.41 0.00	27.99 0.50 0.00	29.14 0.60 -0.05	31.94 0.69 -0.03	34.06 0.80 0.00	34.63 0.88 0.00	37.30 1.05 0.00	39.27 1.14 0.00	41.62 1.37 0.00	46.80 1.62 0.00	48.80 1.78 -0.14	56.94 2.06 -0.57	56.48 2.46 -0.54	54.16 2.26 -0.43	49.90 2.00 -0.23	41.99 1.62 0.00	37.37 1.16 0.00	33.34 0.88 0.00	29.44 0.66 0.00
SLEIGHT__34_KV_TB1 80719	28.72 0.40 0.00	26.36 0.23 -0.03	25.88 0.03 -0.07	25.37 -0.15 0.00	25.40 -0.10 0.00	26.14 0.31 0.00	27.99 0.49 0.00	29.14 0.54 -0.11	32.09 0.81 -0.06	34.23 0.96 0.00	34.84 1.08 0.00	37.67 1.41 0.00	39.47 1.33 0.00	42.02 1.77 0.00	47.03 1.85 0.00	49.23 2.06 -0.28	58.52 2.39 -1.83	58.12 2.83 -1.81	54.84 2.47 -0.90	50.25 2.10 -0.49	41.99 1.61 0.00	37.87 1.67 0.00	33.73 1.10 -0.16	29.90 0.92 -0.20
SOUTH CAIRO____GT 23612	30.22 1.90 0.00	28.20 1.80 -0.30	28.21 1.65 -0.78	27.31 1.79 0.00	27.21 1.71 0.00	27.59 1.76 0.00	29.53 2.03 0.00	31.60 1.96 -1.14	34.08 2.22 -0.65	35.53 2.26 0.00	35.95 2.19 0.00	38.50 2.25 0.00	40.46 2.33 0.00	42.50 2.25 0.00	48.11 2.93 0.00	50.17 3.28 0.00	68.60 4.02 -10.28	68.56 4.17 -10.91	55.46 3.91 -0.09	51.29 3.62 0.00	43.60 3.23 0.00	39.07 2.86 0.00	37.57 2.47 -2.64	34.08 2.07 -3.22
SOUTH HAMPTN____IC 23720	48.48 3.88 -16.28	38.00 3.58 -8.33	31.08 3.25 -2.05	30.50 3.14 -1.84	30.90 3.11 -2.29	29.05 3.20 -0.02	31.41 3.80 -0.11	34.84 4.04 -2.31	39.52 4.46 -3.84	47.75 5.16 -9.33	52.31 4.86 -13.70	57.35 5.00 -16.09	61.58 5.34 -18.11	64.15 5.56 -18.35	63.97 6.24 -12.56	70.27 6.38 -17.01	97.33 8.36 -34.67	105.04 8.40 -43.17	108.54 7.41 -49.66	86.88 6.24 -32.97	58.35 5.53 -12.45	59.88 4.92 -18.75	49.86 4.80 -12.60	41.65 4.32 -8.55
SOUTHDOW_115KV_TB1 355954	29.34 1.02 0.00	26.45 0.31 -0.04	25.40 -0.49 -0.11	24.94 -0.59 0.00	24.94 -0.56 0.00	26.14 0.31 0.00	27.99 0.49 0.00	28.68 0.03 -0.16	31.44 0.12 -0.09	34.43 1.16 0.00	34.84 1.08 0.00	38.25 1.99 0.00	39.62 1.49 0.00	42.30 2.05 0.00	46.80 1.63 0.00	48.29 1.41 0.00	56.78 1.41 -1.07	56.70 2.09 -1.13	52.92 1.44 -0.01	48.81 1.14 0.00	41.22 0.85 0.00	37.37 1.16 0.00	33.51 0.78 -0.27	29.61 0.49 -0.33
SOUTHOLD_69_KV_BK 2 55809	49.22 4.62 -16.28	38.60 4.18 -8.33	31.64 3.82 -2.05	31.06 3.70 -1.84	31.46 3.67 -2.29	29.62 3.77 -0.02	32.01 4.40 -0.11	35.50 4.70 -2.31	40.33 5.28 -3.83	48.68 6.09 -9.33	53.40 5.94 -13.70	58.58 6.24 -16.09	62.81 6.56 -18.12	65.56 6.96 -18.35	65.55 7.82 -12.56	71.91 8.02 -17.01	99.30 10.32 -34.68	107.04 10.37 -43.18	110.47 9.32 -49.69	88.47 7.82 -32.99	59.65 6.82 -12.45	61.05 6.08 -18.76	50.84 5.78 -12.60	42.46 5.12 -8.55

SOUTHOLD___IC 23719	49.16 4.56 -16.28	38.60 4.17 -8.33	31.64 3.81 -2.05	31.06 3.70 -1.84	31.47 3.67 -2.29	29.62 3.77 -0.02	32.01 4.40 -0.11	35.50 4.70 -2.31	40.33 5.28 -3.84	48.71 6.12 -9.33	53.36 5.91 -13.70	58.54 6.20 -16.09	62.85 6.60 -18.12	65.52 6.92 -18.35	65.55 7.82 -12.56	71.91 8.02 -17.01	99.25 10.27 -34.68	106.99 10.32 -43.18	110.41 9.26 -49.69	88.47 7.82 -32.99	59.60 6.78 -12.45	61.01 6.05 -18.76	50.77 5.71 -12.60	42.40 5.07 -8.55
SPIERFLS_115KV_TB 1 80737	30.14 1.81 0.00	28.18 1.75 -0.33	28.27 1.62 -0.87	27.11 1.58 0.00	27.06 1.56 0.00	27.46 1.63 0.00	29.34 1.84 0.00	31.58 1.82 -1.27	34.09 2.15 -0.72	35.53 2.26 0.00	35.95 2.19 0.00	38.54 2.28 0.00	40.50 2.36 0.00	42.34 2.09 0.00	47.93 2.76 0.00	50.03 3.14 0.00	77.22 3.91 -19.01	77.35 3.69 -20.18	55.64 4.01 -0.16	51.05 3.38 0.00	43.88 3.51 0.00	39.32 3.11 0.00	40.07 2.73 -4.89	37.07 2.33 -5.95
ST LAWRENCE____ 23600	27.84 -0.48 0.00	25.68 -0.42 0.00	25.52 -0.26 0.00	25.37 -0.15 0.00	25.37 -0.13 0.00	25.49 -0.34 0.00	26.97 -0.52 0.00	27.98 -0.51 0.00	30.66 -0.56 0.00	32.67 -0.60 0.00	33.18 -0.57 0.00	35.56 -0.69 0.00	37.41 -0.73 0.00	39.52 -0.72 0.00	44.23 -0.95 0.00	45.95 -0.94 0.00	52.62 -1.68 0.00	51.50 -1.98 0.00	50.08 -1.39 0.00	46.66 -1.00 0.00	39.52 -0.85 0.00	35.34 -0.87 0.00	31.71 -0.75 0.00	28.09 -0.69 0.00
STATE_CA_115KV_115_LB 55624	29.48 1.16 0.00	27.54 1.12 -0.32	27.68 1.06 -0.84	26.60 1.07 0.00	26.52 1.02 0.00	26.89 1.06 0.00	28.71 1.21 0.00	30.98 1.25 -1.23	33.35 1.44 -0.70	34.56 1.30 0.00	35.14 1.38 0.00	37.59 1.34 0.00	39.54 1.41 0.00	41.62 1.37 0.00	46.94 1.76 0.00	48.76 1.88 0.00	71.44 2.50 -14.64	71.53 2.51 -15.54	53.75 2.16 -0.13	49.38 1.72 0.00	41.91 1.53 0.00	37.62 1.41 0.00	37.59 1.36 -3.76	34.60 1.24 -4.58
STATE_ST_34_KV_LOAD 55959	28.58 0.25 0.00	26.28 0.16 -0.03	25.83 -0.03 -0.08	25.37 -0.15 0.00	25.40 -0.10 0.00	26.01 0.18 0.00	27.83 0.33 0.00	28.94 0.34 -0.11	31.63 0.34 -0.06	33.73 0.47 0.00	34.23 0.47 0.00	36.94 0.69 0.00	38.74 0.61 0.00	41.13 0.89 0.00	46.08 0.90 0.00	48.38 1.08 -0.42	58.50 1.74 -2.46	58.02 2.14 -2.41	54.61 1.80 -1.34	49.86 1.48 -0.72	41.50 1.13 0.00	37.44 1.23 0.00	33.45 0.81 -0.18	29.69 0.69 -0.21
STATION 5_MISC_HYD 23604	28.58 0.25 0.00	26.05 -0.08 -0.03	25.47 -0.39 -0.07	24.78 -0.74 0.00	24.79 -0.71 0.00	25.68 -0.15 0.00	27.39 -0.11 0.00	28.46 -0.14 -0.11	31.10 -0.19 -0.06	32.90 -0.37 0.00	33.59 -0.17 0.00	36.65 0.40 0.00	38.25 0.11 0.00	40.49 0.24 0.00	45.18 0.00 0.00	46.75 -0.14 0.00	55.33 0.38 -0.64	55.13 0.96 -0.68	52.04 0.57 -0.01	48.28 0.62 0.00	40.69 0.32 0.00	36.89 0.69 0.00	32.98 0.36 -0.17	29.21 0.23 -0.20
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.35 0.03 0.00	26.02 -0.10 -0.03	25.47 -0.39 -0.08	24.89 -0.64 0.00	24.89 -0.61 0.00	25.70 -0.13 0.00	27.47 -0.03 0.00	28.54 -0.06 -0.11	31.31 0.03 -0.06	33.30 0.03 0.00	33.82 0.07 0.00	36.76 0.51 0.00	38.32 0.19 0.00	40.77 0.52 0.00	45.58 0.41 0.00	47.49 0.52 -0.09	56.13 0.81 -1.02	55.80 1.28 -1.04	52.73 0.98 -0.29	48.63 0.81 -0.15	40.94 0.57 0.00	37.04 0.83 0.00	33.01 0.39 -0.17	29.30 0.32 -0.20
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.15 -0.17 0.00	25.86 -0.26 -0.03	25.31 -0.54 -0.07	24.63 -0.89 0.00	24.61 -0.89 0.00	25.49 -0.34 0.00	27.22 -0.27 0.00	28.28 -0.31 -0.11	30.94 -0.34 -0.06	32.90 -0.37 0.00	33.35 -0.41 0.00	36.43 0.18 0.00	37.87 -0.27 0.00	40.29 0.04 0.00	45.00 -0.18 0.00	46.75 -0.14 0.00	55.10 0.16 -0.64	54.74 0.59 -0.67	51.83 0.36 -0.01	47.95 0.29 0.00	40.45 0.08 0.00	36.64 0.43 0.00	32.65 0.03 -0.16	28.98 0.00 -0.20
STA_56___34_KV_BUS2 355983	28.15 -0.17 0.00	25.86 -0.26 -0.03	25.31 -0.54 -0.07	24.63 -0.89 0.00	24.61 -0.89 0.00	25.49 -0.34 0.00	27.22 -0.27 0.00	28.28 -0.31 -0.11	30.94 -0.34 -0.06	32.90 -0.37 0.00	33.35 -0.41 0.00	36.43 0.18 0.00	37.87 -0.27 0.00	40.29 0.04 0.00	45.00 -0.18 0.00	46.75 -0.14 0.00	55.10 0.16 -0.64	54.74 0.59 -0.67	51.83 0.36 -0.01	47.95 0.29 0.00	40.45 0.08 0.00	36.64 0.43 0.00	32.65 0.03 -0.16	28.98 0.00 -0.20
STA_67___115KV_BK2 355882	28.30 -0.03 0.00	25.99 -0.13 -0.03	25.41 -0.44 -0.07	24.73 -0.79 0.00	24.73 -0.77 0.00	25.62 -0.21 0.00	27.33 -0.16 0.00	28.40 -0.20 -0.11	31.00 -0.28 -0.06	32.96 -0.30 0.00	33.42 -0.34 0.00	36.51 0.25 0.00	37.94 -0.19 0.00	40.33 0.08 0.00	45.00 -0.18 0.00	46.70 -0.19 0.00	55.11 0.16 -0.64	54.80 0.64 -0.68	51.83 0.36 -0.01	48.00 0.33 0.00	40.53 0.16 0.00	36.75 0.54 0.00	32.72 0.10 -0.17	29.07 0.09 -0.20
STA_7___115KV_9TRANS 80674	28.52 0.20 0.00	26.18 0.05 -0.03	25.60 -0.26 -0.07	24.91 -0.61 0.00	24.89 -0.61 0.00	25.80 -0.03 0.00	27.53 0.03 0.00	28.60 0.00 -0.11	31.25 -0.03 -0.06	33.23 -0.03 0.00	33.69 -0.07 0.00	36.83 0.58 0.00	38.28 0.15 0.00	40.77 0.52 0.00	45.49 0.32 0.00	47.21 0.33 0.00	55.70 0.76 -0.64	55.44 1.28 -0.68	52.45 0.98 -0.01	48.52 0.86 0.00	40.94 0.57 0.00	37.11 0.91 0.00	33.05 0.42 -0.17	29.33 0.35 -0.20
STA_82___115KV_TB1 80780	28.30 -0.03 0.00	25.99 -0.13 -0.03	25.44 -0.41 -0.08	24.73 -0.79 0.00	24.73 -0.77 0.00	25.62 -0.21 0.00	27.33 -0.16 0.00	28.40 -0.20 -0.11	31.00 -0.28 -0.06	33.00 -0.27 0.00	33.42 -0.34 0.00	36.51 0.25 0.00	37.94 -0.19 0.00	40.37 0.12 0.00	45.04 -0.14 0.00	46.70 -0.19 0.00	55.11 0.16 -0.65	54.86 0.70 -0.69	51.88 0.41 -0.01	48.05 0.38 0.00	40.53 0.16 0.00	36.75 0.54 0.00	32.75 0.13 -0.17	29.07 0.09 -0.20
STEEL___WIND 323596	28.83 0.51 0.00	25.90 -0.24 -0.04	25.05 -0.83 -0.10	24.56 -0.97 0.00	24.56 -0.94 0.00	25.73 -0.10 0.00	27.36 -0.14 0.00	28.04 -0.60 -0.15	30.55 -0.75 -0.08	33.03 -0.23 0.00	33.62 -0.13 0.00	37.05 0.80 0.00	38.55 0.42 0.00	40.77 0.52 0.00	45.22 0.05 0.00	46.56 -0.33 0.00	55.45 0.22 -0.93	55.48 1.01 -0.99	51.84 0.36 -0.01	48.09 0.43 0.00	40.53 0.16 0.00	36.79 0.58 0.00	32.96 0.26 -0.24	29.10 0.03 -0.29
STEPHTWN_115KV_BK_2 55603	29.60 1.27 0.00	27.67 1.25 -0.32	27.77 1.16 -0.83	26.70 1.17 0.00	26.62 1.12 0.00	26.99 1.16 0.00	28.85 1.35 0.00	31.10 1.40 -1.22	33.50 1.59 -0.69	34.73 1.46 0.00	35.31 1.55 0.00	37.81 1.56 0.00	39.77 1.64 0.00	41.86 1.61 0.00	47.25 2.08 0.00	49.14 2.25 0.00	69.97 2.88 -12.79	69.94 2.89 -13.58	54.15 2.57 -0.11	49.71 2.05 0.00	42.19 1.82 0.00	37.87 1.67 0.00	37.34 1.59 -3.29	34.20 1.41 -4.01
STEUBEN_REC_LFGE 323667	29.06 0.74 0.00	26.38 0.23 -0.05	25.60 -0.31 -0.13	25.12 -0.41 0.00	25.14 -0.36 0.00	26.17 0.34 0.00	28.02 0.52 0.00	28.79 0.11 -0.19	31.55 0.22 -0.11	34.06 0.80 0.00	34.50 0.74 0.00	37.77 1.52 0.00	39.28 1.14 0.00	41.94 1.69 0.00	46.58 1.40 0.00	48.37 1.36 -0.12	58.04 1.95 -1.78	58.04 2.73 -1.83	54.08 2.21 -0.41	49.78 1.91 -0.21	41.79 1.41 0.00	37.87 1.67 0.00	33.95 1.17 -0.32	30.12 0.95 -0.39

STONY___BROOK 24151	47.72 3.12 -16.28	37.34 2.92 -8.33	30.46 2.63 -2.05	29.89 2.53 -1.84	30.27 2.47 -2.29	28.43 2.58 -0.02	30.72 3.11 -0.11	34.10 3.30 -2.31	38.64 3.59 -3.84	46.71 4.12 -9.33	52.78 3.71 -15.31	58.68 3.66 -18.77	61.54 3.78 -19.63	63.77 3.90 -19.62	62.17 4.43 -12.57	68.45 4.55 -17.02	103.24 6.35 -42.59	113.18 6.36 -53.34	120.25 5.45 -63.33	94.05 4.34 -42.05	57.89 3.84 -13.68	62.13 3.62 -22.30	50.19 3.73 -14.00	40.76 3.42 -8.56
STURGEON_POOL_HYD 23609	29.85 1.53 0.00	27.74 1.38 -0.26	27.61 1.16 -0.67	26.75 1.23 0.00	26.60 1.10 0.00	26.99 1.16 0.00	29.01 1.51 0.00	30.93 1.45 -0.98	33.43 1.65 -0.56	35.23 1.96 0.00	35.61 1.86 0.00	38.06 1.81 0.00	40.08 1.94 0.00	42.18 1.93 0.00	47.43 2.26 0.00	49.23 2.34 0.00	64.59 3.48 -6.81	64.13 3.42 -7.23	54.15 2.62 -0.06	49.52 1.86 0.00	42.03 1.66 0.00	37.66 1.45 0.00	35.70 1.49 -1.75	32.30 1.38 -2.13
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.65 1.33 0.00	27.60 1.28 -0.23	27.48 1.11 -0.59	26.57 1.05 0.00	26.47 0.97 0.00	26.86 1.03 0.00	28.87 1.37 0.00	30.81 1.45 -0.86	33.33 1.62 -0.49	35.09 1.83 0.00	35.54 1.79 0.00	37.99 1.74 0.00	40.00 1.87 0.00	42.18 1.93 0.00	47.48 2.30 0.00	49.28 2.39 0.00	63.26 3.58 -5.37	62.71 3.53 -5.70	54.34 2.83 -0.05	49.67 2.00 0.00	42.11 1.74 0.00	37.73 1.52 0.00	35.43 1.59 -1.38	31.90 1.44 -1.68
SWANROAD_115KV_TB1 355699	27.84 -0.48 0.00	25.30 -0.84 -0.04	24.53 -1.34 -0.09	23.84 -1.68 0.00	23.84 -1.66 0.00	25.00 -0.83 0.00	26.56 -0.93 0.00	27.34 -1.28 -0.14	29.74 -1.56 -0.08	32.00 -1.26 0.00	32.20 -1.55 0.00	35.56 -0.69 0.00	36.68 -1.45 0.00	39.08 -1.17 0.00	43.23 -1.94 0.00	44.64 -2.25 0.00	52.97 -2.17 -0.84	52.88 -1.50 -0.89	49.77 -1.70 -0.01	46.19 -1.48 0.00	39.00 -1.37 0.00	35.52 -0.69 0.00	31.70 -0.97 -0.22	28.10 -0.95 -0.26
SYNERGY___BIOGAS 323694	29.09 0.77 0.00	26.23 0.10 -0.03	25.48 -0.39 -0.09	24.84 -0.69 0.00	24.84 -0.66 0.00	26.01 0.18 0.00	27.64 0.14 0.00	28.53 -0.09 -0.13	31.14 -0.16 -0.07	33.10 -0.17 0.00	33.82 0.07 0.00	37.16 0.91 0.00	38.67 0.53 0.00	40.93 0.68 0.00	45.54 0.36 0.00	46.93 0.05 0.00	55.72 0.65 -0.77	55.79 1.50 -0.81	52.55 1.08 -0.01	48.81 1.14 0.00	41.14 0.77 0.00	37.40 1.19 0.00	33.37 0.71 -0.20	29.54 0.52 -0.24
SYRACUSE___ENERGY_ST1 323597	28.13 -0.20 0.00	25.86 -0.26 -0.02	25.45 -0.39 -0.06	25.07 -0.46 0.00	25.07 -0.43 0.00	25.60 -0.23 0.00	27.33 -0.16 0.00	28.38 -0.20 -0.09	31.15 -0.12 -0.05	33.16 -0.10 0.00	33.69 -0.07 0.00	36.32 0.07 0.00	38.13 0.00 0.00	40.45 0.20 0.00	45.36 0.18 0.00	47.59 0.23 0.00	56.67 0.38 -1.99	56.00 0.64 -1.88	53.37 0.41 -1.49	48.76 0.29 -0.81	40.53 0.16 0.00	36.46 0.25 0.00	32.52 0.06 0.00	28.84 0.06 0.00
SYRACUSE___ENERGY_ST2 323598	28.13 -0.20 0.00	25.86 -0.26 -0.02	25.45 -0.39 -0.06	25.07 -0.46 0.00	25.07 -0.43 0.00	25.60 -0.23 0.00	27.33 -0.16 0.00	28.38 -0.20 -0.09	31.15 -0.12 -0.05	33.16 -0.10 0.00	33.69 -0.07 0.00	36.32 0.07 0.00	38.13 0.00 0.00	40.45 0.20 0.00	45.36 0.18 0.00	47.59 0.23 0.00	56.67 0.38 -1.99	56.00 0.64 -1.88	53.37 0.41 -1.49	48.76 0.29 -0.81	40.53 0.16 0.00	36.46 0.25 0.00	32.52 0.06 0.00	28.84 0.06 0.00
SYRACUSE___POWER 24017	28.10 -0.23 0.00	25.83 -0.29 -0.02	25.43 -0.41 -0.06	25.04 -0.48 0.00	25.04 -0.46 0.00	25.55 -0.28 0.00	27.31 -0.19 0.00	28.36 -0.23 -0.09	31.06 -0.22 -0.05	33.10 -0.17 0.00	33.62 -0.14 0.00	36.25 0.00 0.00	38.06 -0.08 0.00	40.33 0.08 0.00	45.22 0.05 0.00	47.29 0.09 -0.31	56.41 0.27 -1.84	55.82 0.53 -1.80	52.76 0.31 -0.98	48.34 0.14 -0.53	40.41 0.04 0.00	36.35 0.14 0.00	32.56 -0.03 -0.14	28.89 -0.06 -0.17
TALLMAN___138KV_BK151 55660	29.82 1.50 0.00	27.77 1.44 -0.24	27.60 1.21 -0.61	26.70 1.17 0.00	26.57 1.07 0.00	26.99 1.16 0.00	29.07 1.57 0.00	31.04 1.65 -0.90	33.54 1.81 -0.51	35.29 2.03 0.00	35.75 1.99 0.00	38.21 1.96 0.00	40.23 2.10 0.00	42.42 2.17 0.00	47.75 2.58 0.00	49.51 2.63 0.00	64.00 4.13 -5.58	63.41 4.01 -5.92	54.65 3.14 -0.05	49.86 2.19 0.00	42.27 1.90 0.00	37.91 1.70 0.00	35.68 1.79 -1.43	32.14 1.61 -1.75
TEALLAVE_115KV_TB7 355573	28.01 -0.31 0.00	25.75 -0.37 -0.02	25.34 -0.49 -0.05	24.96 -0.56 0.00	24.96 -0.54 0.00	25.47 -0.36 0.00	27.20 -0.30 0.00	28.23 -0.34 -0.08	30.92 -0.34 -0.05	32.96 -0.30 0.00	33.49 -0.27 0.00	36.11 -0.15 0.00	37.87 -0.27 0.00	40.17 -0.08 0.00	45.04 -0.14 0.00	47.00 -0.14 -0.25	55.37 0.00 -1.07	54.76 0.27 -1.01	52.32 0.05 -0.80	48.00 -0.10 -0.43	40.25 -0.12 0.00	36.17 -0.04 0.00	32.30 -0.16 0.00	28.61 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	28.41 0.08 0.00	25.87 -0.26 -0.03	25.12 -0.75 -0.09	24.40 -1.12 0.00	24.43 -1.07 0.00	25.57 -0.26 0.00	27.22 -0.27 0.00	28.05 -0.57 -0.13	30.61 -0.69 -0.07	32.83 -0.43 0.00	33.11 -0.64 0.00	36.51 0.25 0.00	37.75 -0.38 0.00	40.25 0.00 0.00	44.59 -0.59 0.00	46.14 -0.75 0.00	54.55 -0.54 -0.80	54.48 0.16 -0.84	51.37 -0.10 -0.01	47.62 -0.05 0.00	40.17 -0.20 0.00	36.53 0.33 0.00	32.57 -0.10 -0.20	28.89 -0.14 -0.25
TEMPLE___115KV_TB 2 55572	28.01 -0.31 0.00	25.78 -0.34 -0.02	25.37 -0.46 -0.06	24.96 -0.56 0.00	24.96 -0.54 0.00	25.49 -0.34 0.00	27.22 -0.27 0.00	28.26 -0.31 -0.08	30.95 -0.31 -0.05	33.00 -0.27 0.00	33.52 -0.24 0.00	36.14 -0.11 0.00	37.90 -0.23 0.00	40.21 -0.04 0.00	45.09 -0.09 0.00	47.04 -0.09 -0.25	55.42 0.05 -1.07	54.81 0.32 -1.01	52.37 0.10 -0.80	48.05 -0.05 -0.43	40.29 -0.08 0.00	36.21 0.00 0.00	32.33 -0.13 0.00	28.64 -0.14 0.00
TIANA___69_KV_BK 1 55817	48.37 3.77 -16.28	37.84 3.42 -8.33	30.92 3.09 -2.05	30.35 2.99 -1.84	30.73 2.93 -2.29	28.87 3.02 -0.02	31.24 3.63 -0.11	34.64 3.85 -2.31	39.33 4.28 -3.83	47.48 4.89 -9.33	52.11 4.66 -13.70	57.09 4.75 -16.09	61.24 5.00 -18.12	63.83 5.23 -18.35	63.65 5.92 -12.56	69.85 5.95 -17.01	96.91 7.93 -34.68	104.63 7.97 -43.18	108.20 7.05 -49.68	86.47 5.82 -32.99	58.03 5.21 -12.45	59.64 4.67 -18.76	49.67 4.61 -12.60	41.48 4.14 -8.55
TILDEN___115KV_TB1 80814	28.10 -0.23 0.00	25.83 -0.29 -0.02	25.43 -0.41 -0.06	25.04 -0.48 0.00	25.04 -0.46 0.00	25.55 -0.28 0.00	27.31 -0.19 0.00	28.36 -0.23 -0.09	31.06 -0.22 -0.05	33.10 -0.17 0.00	33.62 -0.14 0.00	36.25 0.00 0.00	38.06 -0.08 0.00	40.33 0.08 0.00	45.22 0.05 0.00	47.29 0.09 -0.31	56.41 0.27 -1.84	55.82 0.53 -1.80	52.76 0.31 -0.98	48.34 0.14 -0.53	40.41 0.04 0.00	36.35 0.14 0.00	32.56 -0.03 -0.14	28.89 -0.06 -0.17
TRIGEN___CC 323695	46.81 2.21 -16.28	36.48 2.06 -8.33	29.63 1.80 -2.05	29.10 1.74 -1.84	29.48 1.68 -2.29	27.61 1.76 -0.02	29.84 2.23 -0.11	33.16 2.36 -2.30	37.58 2.53 -3.83	45.44 2.86 -9.32	44.39 2.73 -7.90	45.47 2.72 -6.49	53.72 2.90 -12.69	57.01 2.98 -13.78	61.20 3.48 -12.55	67.40 3.52 -17.00	65.72 5.16 -6.26	65.29 5.13 -6.68	56.41 4.32 -0.63	51.27 3.19 -0.41	46.54 2.75 -3.43	44.69 2.46 -6.02	42.55 2.53 -7.56	39.65 2.33 -8.54

TRINITY__115KV__4 BK 55933	29.40 1.08 0.00	27.46 1.04 -0.32	27.59 0.98 -0.83	26.52 1.00 0.00	26.44 0.94 0.00	26.81 0.98 0.00	28.63 1.13 0.00	30.91 1.20 -1.22	33.22 1.31 -0.69	34.43 1.16 0.00	34.97 1.22 0.00	37.41 1.16 0.00	39.35 1.22 0.00	41.37 1.13 0.00	46.67 1.49 0.00	48.48 1.59 0.00	69.57 2.17 -13.10	69.57 2.19 -13.90	53.43 1.85 -0.11	49.09 1.43 0.00	41.70 1.33 0.00	37.44 1.23 0.00	37.03 1.20 -3.37	34.01 1.12 -4.10
UNION__PROCESSING_DRP 323587	28.32 0.00 0.00	26.02 -0.10 -0.03	25.44 -0.41 -0.08	24.76 -0.77 0.00	24.73 -0.77 0.00	25.65 -0.18 0.00	27.36 -0.14 0.00	28.40 -0.20 -0.11	31.03 -0.25 -0.06	33.00 -0.27 0.00	33.42 -0.34 0.00	36.54 0.29 0.00	37.98 -0.15 0.00	40.37 0.12 0.00	45.04 -0.14 0.00	46.75 -0.14 0.00	55.17 0.22 -0.65	54.86 0.70 -0.69	51.93 0.46 -0.01	48.05 0.38 0.00	40.57 0.20 0.00	36.79 0.58 0.00	32.75 0.13 -0.17	29.10 0.12 -0.20
UPPER HUDSON__HYD 24058	30.11 1.79 0.00	28.18 1.75 -0.33	28.27 1.63 -0.87	27.11 1.58 0.00	27.06 1.56 0.00	27.46 1.63 0.00	29.34 1.84 0.00	31.58 1.82 -1.27	34.09 2.15 -0.72	35.56 2.29 0.00	35.92 2.16 0.00	38.54 2.29 0.00	40.50 2.37 0.00	42.34 2.09 0.00	47.93 2.76 0.00	50.03 3.14 0.00	77.17 3.86 -19.02	77.30 3.64 -20.18	55.54 3.91 -0.16	51.05 3.38 0.00	43.88 3.51 0.00	39.32 3.11 0.00	40.04 2.69 -4.89	37.04 2.30 -5.96
UPPER RAQUET__HYD 24056	28.04 -0.28 0.00	25.81 -0.29 0.00	25.68 -0.10 0.00	25.47 -0.05 0.00	25.47 -0.03 0.00	25.65 -0.18 0.00	27.00 -0.49 0.00	27.86 -0.63 0.00	30.53 -0.69 0.00	32.53 -0.73 0.00	33.11 -0.64 0.00	35.35 -0.90 0.00	37.10 -1.03 0.00	39.24 -1.00 0.00	43.78 -1.40 0.00	45.66 -1.31 -0.09	52.45 -2.23 -0.38	51.48 -2.35 -0.36	50.10 -1.65 -0.28	46.63 -1.19 -0.15	39.32 -1.05 0.00	35.16 -1.05 0.00	31.68 -0.78 0.00	28.01 -0.78 0.00
VALLEY44_115KV_TB2 355964	28.47 0.14 0.00	25.51 -0.63 -0.04	24.52 -1.37 -0.11	24.48 -1.05 0.00	24.48 -1.02 0.00	25.60 -0.23 0.00	27.42 -0.08 0.00	27.63 -1.03 -0.16	30.10 -1.22 -0.09	33.06 -0.20 0.00	33.38 -0.37 0.00	36.69 0.44 0.00	38.02 -0.11 0.00	40.61 0.36 0.00	45.00 -0.18 0.00	46.51 -0.38 0.00	55.52 0.16 -1.06	55.46 0.86 -1.12	51.73 0.26 -0.01	47.62 -0.05 0.00	40.17 -0.20 0.00	36.46 0.25 0.00	32.86 0.13 -0.27	29.06 -0.06 -0.33
VALLEY__115KV_TB 1-4 80826	28.66 0.34 0.00	26.38 0.29 0.00	26.04 0.26 0.00	25.73 0.20 0.00	25.70 0.20 0.00	26.06 0.23 0.00	27.72 0.22 0.00	28.72 0.23 0.00	31.66 0.44 0.00	33.80 0.53 0.00	34.33 0.57 0.00	36.90 0.65 0.00	38.86 0.72 0.00	41.05 0.80 0.00	46.17 0.99 0.00	47.92 1.03 0.00	55.22 0.92 0.00	54.44 0.96 0.00	52.34 0.87 0.00	48.28 0.62 0.00	40.86 0.48 0.00	36.53 0.33 0.00	32.65 0.19 0.00	28.95 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.74 1.42 0.00	27.46 1.28 -0.09	27.17 1.16 -0.23	26.60 1.07 0.00	26.55 1.05 0.00	27.12 1.29 0.00	28.98 1.48 0.00	30.43 1.60 -0.34	33.01 1.59 -0.19	35.16 1.90 0.00	35.65 1.89 0.00	38.28 2.03 0.00	40.34 2.21 0.00	42.70 2.46 0.00	48.07 2.89 0.00	50.07 3.09 -0.09	62.92 4.02 -4.60	62.59 4.28 -4.83	55.69 3.91 -0.31	51.20 3.38 -0.15	43.24 2.87 0.00	38.45 2.24 0.00	35.53 1.98 -1.09	31.75 1.64 -1.32
VISCHER__FERRY HYD 24020	29.82 1.50 0.00	27.91 1.49 -0.33	28.02 1.39 -0.85	26.88 1.35 0.00	26.80 1.30 0.00	27.20 1.37 0.00	29.06 1.57 0.00	31.32 1.59 -1.24	33.70 1.78 -0.70	35.09 1.83 0.00	35.54 1.79 0.00	38.06 1.81 0.00	40.04 1.91 0.00	42.10 1.85 0.00	47.43 2.26 0.00	49.32 2.44 0.00	74.12 3.09 -16.72	74.33 3.10 -17.75	54.44 2.83 -0.14	49.95 2.29 0.00	42.51 2.14 0.00	38.16 1.95 0.00	38.58 1.82 -4.30	35.69 1.67 -5.24
V_A_10_SYNC_DSASP 323832	27.93 -0.40 0.00	25.68 -0.44 -0.03	25.04 -0.82 -0.08	24.25 -1.28 0.00	24.25 -1.25 0.00	25.29 -0.54 0.00	26.92 -0.58 0.00	27.93 -0.68 -0.12	30.42 -0.87 -0.07	32.43 -0.83 0.00	32.71 -1.05 0.00	35.93 -0.33 0.00	37.14 -0.99 0.00	39.52 -0.72 0.00	43.87 -1.31 0.00	45.39 -1.50 0.00	53.68 -1.36 -0.74	53.57 -0.70 -0.78	50.49 -0.98 -0.01	46.85 -0.81 0.00	39.56 -0.81 0.00	35.99 -0.22 0.00	32.10 -0.55 -0.19	28.47 -0.55 -0.23
V_CMM_10_SYNC_DSASP 323787	27.95 -0.37 0.00	25.76 -0.34 0.00	25.62 -0.15 0.00	25.45 -0.08 0.00	25.45 -0.05 0.00	25.57 -0.26 0.00	27.09 -0.41 0.00	28.06 -0.43 0.00	30.78 -0.44 0.00	32.77 -0.50 0.00	33.28 -0.47 0.00	35.71 -0.54 0.00	37.56 -0.57 0.00	39.68 -0.56 0.00	44.45 -0.72 0.00	46.13 -0.75 0.00	52.84 -1.46 0.00	51.72 -1.76 0.00	50.28 -1.18 0.00	46.85 -0.81 0.00	39.69 -0.69 0.00	35.45 -0.76 0.00	31.81 -0.65 0.00	28.18 -0.61 0.00
V_CMP_10_SYNC_DSASP 323788	28.58 0.25 0.00	26.28 0.18 0.00	26.17 0.39 0.00	25.99 0.46 0.00	26.06 0.56 0.00	26.27 0.44 0.00	27.83 0.33 0.00	29.23 0.74 0.00	32.06 0.84 0.00	34.10 0.83 0.00	34.70 0.94 0.00	37.19 0.94 0.00	39.35 1.22 0.00	41.74 1.49 0.00	46.44 1.26 0.00	48.20 1.31 0.00	54.68 0.38 0.00	53.59 0.11 0.00	52.13 0.67 0.00	48.47 0.81 0.00	40.98 0.61 0.00	36.21 0.00 0.00	32.26 -0.19 0.00	28.47 -0.32 0.00
V_E_10_SYNC_DSASP 323830	30.22 1.90 0.00	27.62 1.46 -0.07	27.12 1.16 -0.18	26.52 0.99 0.00	26.49 0.99 0.00	27.30 1.47 0.00	29.23 1.73 0.00	30.60 1.85 -0.26	33.18 1.81 -0.15	35.39 2.13 0.00	35.95 2.19 0.00	38.79 2.54 0.00	41.07 2.94 0.00	43.71 3.46 0.00	49.15 3.98 0.00	51.72 4.64 -0.19	62.75 5.32 -3.12	63.01 6.31 -3.22	58.21 6.12 -0.63	53.52 5.53 -0.33	44.85 4.48 0.00	39.65 3.44 0.00	35.78 2.73 -0.60	31.64 2.13 -0.73
V_F_30_NSYNC__DSASP 323816	30.19 1.87 0.00	28.25 1.83 -0.33	28.37 1.73 -0.86	27.18 1.66 0.00	27.13 1.63 0.00	27.51 1.68 0.00	29.39 1.90 0.00	31.66 1.91 -1.26	34.12 2.18 -0.71	35.53 2.26 0.00	36.02 2.26 0.00	38.61 2.35 0.00	40.61 2.48 0.00	42.66 2.41 0.00	48.20 3.03 0.00	50.22 3.33 0.00	77.12 4.07 -18.74	77.38 4.01 -19.89	55.49 3.86 -0.16	51.00 3.34 0.00	43.48 3.11 0.00	39.00 2.79 0.00	39.81 2.53 -4.82	36.87 2.22 -5.87
V_F_30_SYNC_DSASP 323786	29.48 1.16 0.00	27.54 1.12 -0.32	27.68 1.06 -0.84	26.60 1.07 0.00	26.52 1.02 0.00	26.86 1.03 0.00	28.71 1.21 0.00	30.97 1.25 -1.23	33.35 1.44 -0.70	34.56 1.30 0.00	35.14 1.38 0.00	37.59 1.34 0.00	39.54 1.41 0.00	41.62 1.37 0.00	46.94 1.76 0.00	48.76 1.88 0.00	71.31 2.50 -14.52	71.34 2.46 -15.40	53.75 2.16 -0.13	49.33 1.67 0.00	41.91 1.53 0.00	37.62 1.41 0.00	37.55 1.36 -3.73	34.57 1.24 -4.55
V_XM_10_SYNC_DSASP 323789	28.58 0.25 0.00	26.28 0.18 0.00	26.17 0.39 0.00	25.99 0.46 0.00	26.06 0.56 0.00	26.27 0.44 0.00	27.83 0.33 0.00	29.23 0.74 0.00	32.06 0.84 0.00	34.10 0.83 0.00	34.70 0.94 0.00	37.19 0.94 0.00	39.35 1.22 0.00	41.74 1.49 0.00	46.44 1.26 0.00	48.20 1.31 0.00	54.68 0.38 0.00	53.59 0.11 0.00	52.13 0.67 0.00	48.47 0.81 0.00	40.98 0.61 0.00	36.21 0.00 0.00	32.26 -0.19 0.00	28.47 -0.32 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.91 1.59 0.00	27.85 1.51 -0.24	27.69 1.29 -0.62	26.78 1.25 0.00	26.65 1.15 0.00	27.07 1.24 0.00	29.15 1.65 0.00	31.13 1.74 -0.90	33.64 1.90 -0.51	35.39 2.13 0.00	35.85 2.09 0.00	38.32 2.07 0.00	40.34 2.21 0.00	42.54 2.29 0.00	47.89 2.71 0.00	49.70 2.81 0.00	64.21 4.29 -5.62	63.61 4.17 -5.96	54.86 3.35 -0.05	50.05 2.38 0.00	42.43 2.06 0.00	38.02 1.81 0.00	35.79 1.88 -1.45	32.24 1.70 -1.76
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.14 1.81 0.00	28.07 1.72 -0.25	27.92 1.50 -0.65	26.95 1.43 0.00	26.83 1.33 0.00	27.25 1.42 0.00	29.40 1.90 0.00	31.49 2.05 -0.95	34.00 2.25 -0.54	35.79 2.53 0.00	36.25 2.50 0.00	38.68 2.43 0.00	40.76 2.63 0.00	42.94 2.70 0.00	48.38 3.21 0.00	50.07 3.19 0.00	65.14 4.94 -5.89	64.49 4.76 -6.26	55.32 3.81 -0.05	50.38 2.72 0.00	42.71 2.34 0.00	38.27 2.06 0.00	36.12 2.14 -1.52	32.58 1.96 -1.85
W50THST__13_KV_LOAD 356117	30.28 1.95 0.00	28.20 1.85 -0.25	28.05 1.62 -0.65	27.06 1.53 0.00	26.95 1.45 0.00	27.38 1.55 0.00	29.56 2.06 0.00	31.66 2.22 -0.95	34.22 2.47 -0.54	36.02 2.76 0.00	36.49 2.73 0.00	38.93 2.68 0.00	41.03 2.90 0.00	43.23 2.98 0.00	48.70 3.52 0.00	50.40 3.52 0.00	65.52 5.32 -5.89	64.87 5.13 -6.26	55.63 4.12 -0.05	50.67 3.00 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.28 2.30 -1.52	32.73 2.10 -1.85
WADING RIVER_IC_1 23522	47.91 3.31 -16.28	37.52 3.10 -8.33	30.64 2.81 -2.05	30.07 2.70 -1.84	30.44 2.65 -2.29	28.61 2.77 -0.02	30.91 3.30 -0.11	34.30 3.50 -2.31	38.93 3.87 -3.83	47.01 4.42 -9.33	51.49 4.05 -13.68	56.42 4.10 -16.07	60.58 4.35 -18.10	63.01 4.43 -18.34	62.70 4.97 -12.56	68.92 5.02 -17.01	95.59 6.68 -34.61	103.31 6.74 -43.09	106.95 5.92 -49.56	85.53 4.96 -32.91	57.32 4.52 -12.43	58.99 4.05 -18.73	49.10 4.06 -12.59	41.05 3.71 -8.55
WADING RIVER_IC_2 23547	47.91 3.31 -16.28	37.52 3.10 -8.33	30.64 2.81 -2.05	30.07 2.70 -1.84	30.44 2.65 -2.29	28.61 2.77 -0.02	30.91 3.30 -0.11	34.30 3.50 -2.31	38.93 3.87 -3.83	47.01 4.42 -9.33	51.49 4.05 -13.68	56.42 4.10 -16.07	60.58 4.35 -18.10	63.01 4.43 -18.34	62.70 4.97 -12.56	68.92 5.02 -17.01	95.59 6.68 -34.61	103.31 6.74 -43.09	106.95 5.92 -49.56	85.53 4.96 -32.91	57.32 4.52 -12.43	58.99 4.05 -18.73	49.10 4.06 -12.59	41.05 3.71 -8.55
WADING RIVER_IC_3 23601	47.91 3.31 -16.28	37.52 3.10 -8.33	30.64 2.81 -2.05	30.07 2.70 -1.84	30.44 2.65 -2.29	28.61 2.77 -0.02	30.91 3.30 -0.11	34.30 3.50 -2.31	38.93 3.87 -3.83	47.01 4.42 -9.33	51.49 4.05 -13.68	56.42 4.10 -16.07	60.58 4.35 -18.10	63.01 4.43 -18.34	62.70 4.97 -12.56	68.92 5.02 -17.01	95.59 6.68 -34.61	103.31 6.74 -43.09	106.95 5.92 -49.56	85.53 4.96 -32.91	57.32 4.52 -12.43	58.99 4.05 -18.73	49.10 4.06 -12.59	41.05 3.71 -8.55
WALDENNY_I2_KV_BK2 80841	28.52 0.20 0.00	25.93 -0.21 -0.04	25.08 -0.80 -0.10	24.50 -1.02 0.00	24.53 -0.97 0.00	25.70 -0.13 0.00	27.36 -0.14 0.00	28.07 -0.57 -0.15	30.59 -0.72 -0.08	33.23 -0.03 0.00	33.52 -0.24 0.00	37.01 0.76 0.00	38.28 0.15 0.00	40.85 0.60 0.00	45.18 0.00 0.00	46.65 -0.23 0.00	55.39 0.16 -0.92	55.32 0.86 -0.98	51.83 0.36 -0.01	47.90 0.24 0.00	40.41 0.04 0.00	36.68 0.47 0.00	32.76 0.06 -0.24	28.98 -0.09 -0.29
WALDEN___HYDRO 24148	29.99 1.67 0.00	28.01 1.67 -0.25	27.88 1.47 -0.64	26.93 1.40 0.00	26.80 1.30 0.00	27.22 1.39 0.00	29.26 1.76 0.00	31.25 1.82 -0.93	33.75 2.00 -0.53	35.56 2.29 0.00	35.88 2.13 0.00	38.39 2.14 0.00	40.42 2.29 0.00	42.54 2.29 0.00	47.89 2.71 0.00	49.84 2.96 0.00	64.18 4.02 -5.86	63.71 4.01 -6.22	54.81 3.30 -0.05	50.19 2.52 0.00	42.55 2.18 0.00	38.09 1.88 0.00	35.85 1.88 -1.51	32.31 1.70 -1.83
WARRENSBURG____ 23737	30.11 1.79 0.00	28.18 1.75 -0.33	28.27 1.63 -0.87	27.11 1.58 0.00	27.06 1.56 0.00	27.46 1.63 0.00	29.34 1.84 0.00	31.58 1.82 -1.27	34.09 2.15 -0.72	35.56 2.29 0.00	35.92 2.16 0.00	38.54 2.29 0.00	40.50 2.37 0.00	42.34 2.09 0.00	47.93 2.76 0.00	50.03 3.14 0.00	77.17 3.86 -19.02	77.30 3.64 -20.18	55.54 3.91 -0.16	51.05 3.38 0.00	43.88 3.51 0.00	39.32 3.11 0.00	40.04 2.69 -4.89	37.04 2.30 -5.96
WATERSIDE____6 8 9 23538	30.28 1.95 -0.01	28.18 1.83 -0.26	28.03 1.60 -0.65	27.03 1.51 0.00	26.90 1.40 0.00	27.22 1.39 0.00	29.42 1.92 0.00	31.55 2.11 -0.95	34.00 2.25 -0.54	35.86 2.59 0.00	36.36 2.60 -0.01	38.79 2.54 0.00	40.80 2.67 0.00	42.98 2.74 0.00	48.43 3.25 0.00	50.03 3.14 0.00	65.29 5.10 -5.89	64.70 4.97 -6.25	55.43 3.91 -0.05	50.33 2.67 0.00	42.67 2.30 0.00	38.27 2.06 0.00	36.25 2.27 -1.52	32.71 2.07 -1.85
WATKINRD_115KV_LN8_ILLLION 55919	28.58 0.25 0.00	26.30 0.21 0.00	25.96 0.18 0.00	25.68 0.15 0.00	25.63 0.13 0.00	26.01 0.18 0.00	27.66 0.16 0.00	28.69 0.20 0.00	31.50 0.28 0.00	33.63 0.37 0.00	34.13 0.37 0.00	36.65 0.40 0.00	38.59 0.46 0.00	40.77 0.52 0.00	45.81 0.63 0.00	47.54 0.66 0.00	55.01 0.71 0.00	54.23 0.75 0.00	52.13 0.67 0.00	48.19 0.52 0.00	40.78 0.40 0.00	36.50 0.29 0.00	32.69 0.23 0.00	28.95 0.17 0.00
WATSON____69_KV_BK 1 55734	47.94 3.34 -16.28	37.45 3.03 -8.33	30.56 2.73 -2.05	29.99 2.63 -1.84	30.37 2.58 -2.29	28.54 2.69 -0.02	30.83 3.22 -0.11	34.27 3.48 -2.31	38.86 3.81 -3.83	46.95 4.36 -9.33	48.71 4.08 -10.87	51.75 4.10 -11.40	57.90 4.31 -15.46	60.87 4.51 -16.12	62.84 5.10 -12.56	69.05 5.16 -17.01	82.08 7.00 -20.78	85.86 7.06 -25.33	83.28 6.12 -25.69	69.68 4.96 -17.05	56.85 4.48 -12.00	52.75 4.02 -12.53	46.66 4.06 -10.14	40.99 3.66 -8.55
WDELAWARE___HYD 323627	29.29 0.96 0.00	27.30 0.99 -0.22	27.17 0.82 -0.57	26.29 0.77 0.00	26.14 0.64 0.00	26.58 0.75 0.00	28.54 1.04 0.00	30.43 1.11 -0.83	32.75 1.06 -0.47	34.53 1.26 0.00	34.87 1.11 0.00	37.30 1.05 0.00	39.35 1.22 0.00	41.45 1.21 0.00	45.40 0.23 0.00	47.26 0.37 0.00	61.55 1.79 -5.46	61.14 1.87 -5.79	52.85 1.34 -0.05	48.28 0.62 0.00	41.87 1.49 0.00	37.40 1.19 0.00	35.09 1.23 -1.40	31.58 1.09 -1.71
WEST BABYLON___IC 23714	47.66 3.06 -16.28	37.21 2.79 -8.33	30.36 2.53 -2.05	29.79 2.42 -1.84	30.16 2.37 -2.29	28.30 2.45 -0.02	30.61 3.00 -0.11	34.02 3.22 -2.31	38.58 3.53 -3.83	46.61 4.02 -9.33	46.24 3.78 -8.70	47.88 3.81 -7.82	55.50 3.93 -13.44	58.81 4.15 -14.41	62.38 4.65 -12.55	68.67 4.78 -17.00	71.00 6.52 -10.18	71.72 6.52 -11.71	64.52 5.66 -7.39	57.05 4.48 -4.91	50.96 4.04 -6.55	47.68 3.69 -7.78	44.45 3.73 -8.26	40.66 3.34 -8.54
WEST CANADA___HYD 24049	28.38 0.06 0.00	26.15 0.05 0.00	25.83 0.05 0.00	25.55 0.03 0.00	25.50 0.00 0.00	25.88 0.05 0.00	27.55 0.06 0.00	28.55 0.06 0.00	31.31 0.09 0.00	33.36 0.10 0.00	33.86 0.10 0.00	36.36 0.11 0.00	38.25 0.11 0.00	40.37 0.12 0.00	45.36 0.18 0.00	47.07 0.19 0.00	54.57 0.27 0.00	53.80 0.32 0.00	51.72 0.26 0.00	47.81 0.14 0.00	40.49 0.12 0.00	36.28 0.07 0.00	32.52 0.07 0.00	28.84 0.06 0.00

WESTERN_NY_WIND 24143	29.06 0.74 0.00	26.18 0.05 -0.03	25.45 -0.41 -0.09	24.81 -0.71 0.00	24.81 -0.69 0.00	25.99 0.16 0.00	27.58 0.08 0.00	28.47 -0.14 -0.13	31.08 -0.22 -0.07	33.07 -0.20 0.00	33.79 0.03 0.00	37.12 0.87 0.00	38.63 0.49 0.00	40.85 0.60 0.00	45.45 0.27 0.00	46.89 0.00 0.00	55.62 0.54 -0.78	55.69 1.39 -0.82	52.45 0.98 -0.01	48.71 1.05 0.00	41.06 0.69 0.00	37.33 1.12 0.00	33.34 0.68 -0.20	29.48 0.46 -0.24
WESTOVER___LESR 323668	28.69 0.37 0.00	26.35 0.18 -0.07	25.89 -0.08 -0.19	25.42 -0.10 0.00	25.40 -0.10 0.00	26.04 0.21 0.00	27.83 0.33 0.00	28.97 0.20 -0.28	31.63 0.25 -0.16	33.76 0.50 0.00	34.19 0.44 0.00	36.98 0.73 0.00	38.74 0.61 0.00	41.09 0.85 0.00	45.99 0.81 0.00	47.91 0.84 -0.18	58.35 1.36 -2.69	57.96 1.71 -2.77	53.33 1.29 -0.58	48.97 1.00 -0.30	41.18 0.81 0.00	37.08 0.87 0.00	33.64 0.68 -0.50	29.91 0.52 -0.61
WETHRSFD_WT_PWR 323626	28.75 0.43 0.00	25.90 -0.24 -0.04	25.12 -0.77 -0.11	24.61 -0.92 0.00	24.61 -0.89 0.00	25.65 -0.18 0.00	27.33 -0.16 0.00	28.08 -0.57 -0.16	30.66 -0.66 -0.09	33.00 -0.27 0.00	33.59 -0.17 0.00	36.83 0.58 0.00	38.36 0.23 0.00	40.61 0.36 0.00	45.09 -0.09 0.00	46.56 -0.33 0.00	55.57 0.22 -1.05	55.56 0.96 -1.12	51.88 0.41 -0.01	48.09 0.43 0.00	40.53 0.16 0.00	36.79 0.58 0.00	32.92 0.20 -0.27	29.14 0.03 -0.33
WHAVSTOR_138KV_BK127 55557	29.80 1.47 0.00	27.72 1.38 -0.24	27.58 1.19 -0.62	26.67 1.15 0.00	26.55 1.05 0.00	26.97 1.14 0.00	29.01 1.51 0.00	30.99 1.60 -0.91	33.48 1.75 -0.51	35.23 1.96 0.00	35.68 1.92 0.00	38.14 1.89 0.00	40.15 2.02 0.00	42.34 2.09 0.00	47.66 2.48 0.00	49.42 2.53 0.00	63.89 3.96 -5.63	63.30 3.85 -5.97	54.55 3.04 -0.05	49.76 2.10 0.00	42.19 1.82 0.00	37.84 1.63 0.00	35.63 1.72 -1.45	32.13 1.58 -1.76
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.80 1.47 0.00	27.72 1.38 -0.24	27.58 1.19 -0.62	26.67 1.15 0.00	26.55 1.05 0.00	26.97 1.14 0.00	29.01 1.51 0.00	30.99 1.60 -0.91	33.48 1.75 -0.51	35.23 1.96 0.00	35.68 1.92 0.00	38.14 1.89 0.00	40.15 2.02 0.00	42.34 2.09 0.00	47.66 2.48 0.00	49.42 2.53 0.00	63.89 3.96 -5.63	63.30 3.85 -5.97	54.55 3.04 -0.05	49.76 2.10 0.00	42.19 1.82 0.00	37.84 1.63 0.00	35.63 1.72 -1.45	32.13 1.58 -1.76
WHITEHAL_115KV_TB1 80871	30.96 2.63 0.00	28.96 2.53 -0.33	29.02 2.37 -0.87	27.85 2.32 0.00	27.79 2.29 0.00	28.23 2.40 0.00	30.22 2.72 0.00	32.46 2.71 -1.27	35.12 3.18 -0.72	36.59 3.33 0.00	37.13 3.38 0.00	39.88 3.63 0.00	41.79 3.66 0.00	43.79 3.54 0.00	49.69 4.52 0.00	51.90 5.02 0.00	79.44 6.24 -18.90	79.52 5.99 -20.06	57.91 6.28 -0.16	53.15 5.48 0.00	45.74 5.37 0.00	40.95 4.74 0.00	41.41 4.09 -4.86	38.13 3.43 -5.92
WHITEPLN_13_KV_LOAD 356215	30.19 1.87 0.00	28.12 1.77 -0.25	27.97 1.55 -0.65	27.01 1.48 0.00	26.90 1.40 0.00	27.33 1.50 0.00	29.45 1.95 0.00	31.51 2.08 -0.95	34.16 2.40 -0.54	35.99 2.73 0.00	36.49 2.73 0.00	38.97 2.72 0.00	41.07 2.94 0.00	43.27 3.02 0.00	48.74 3.57 0.00	50.64 3.75 0.00	65.18 5.00 -5.88	64.58 4.87 -6.24	55.48 3.96 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.42 2.21 0.00	36.18 2.21 -1.51	32.67 2.04 -1.84
WM_FLOYD_69_KV_BK2 356380	47.89 3.29 -16.28	37.42 3.00 -8.33	30.54 2.71 -2.05	29.97 2.60 -1.84	30.37 2.58 -2.29	28.51 2.66 -0.02	30.83 3.22 -0.11	34.22 3.42 -2.31	38.83 3.78 -3.84	46.88 4.29 -9.33	51.52 3.98 -13.78	56.43 3.95 -16.23	60.48 4.16 -18.19	63.01 4.35 -18.41	62.66 4.92 -12.56	68.87 4.97 -17.01	96.12 6.73 -35.08	103.97 6.79 -43.70	107.76 5.92 -50.38	85.88 4.77 -33.45	57.27 4.32 -12.58	59.06 3.91 -18.94	49.12 3.99 -12.67	40.96 3.63 -8.55
WOODARD___115KV_TB2 355635	27.93 -0.40 0.00	25.70 -0.42 -0.02	25.32 -0.52 -0.06	24.91 -0.61 0.00	24.91 -0.59 0.00	25.42 -0.41 0.00	27.14 -0.36 0.00	28.20 -0.37 -0.08	30.89 -0.37 -0.05	32.90 -0.37 0.00	33.42 -0.34 0.00	36.03 -0.22 0.00	37.83 -0.31 0.00	40.09 -0.16 0.00	44.95 -0.23 0.00	46.97 -0.23 -0.32	55.53 -0.11 -1.33	54.90 0.16 -1.26	52.36 -0.10 -1.00	48.02 -0.19 -0.54	40.17 -0.20 0.00	36.14 -0.07 0.00	32.23 -0.23 0.00	28.58 -0.20 0.00
YORK___WARBASSE 23770	30.48 2.15 -0.01	28.36 2.01 -0.26	28.21 1.78 -0.65	27.18 1.66 0.00	27.06 1.56 0.00	27.33 1.50 0.00	29.51 2.01 0.00	31.63 2.19 -0.95	34.10 2.34 -0.54	35.99 2.73 0.00	36.53 2.77 -0.01	38.97 2.72 0.00	41.07 2.94 0.00	43.31 3.06 0.00	48.65 3.48 0.00	50.17 3.28 0.00	65.79 5.48 -6.01	65.19 5.35 -6.37	55.74 4.22 -0.05	50.57 2.91 0.00	42.92 2.54 0.00	38.45 2.24 0.00	36.48 2.50 -1.52	32.91 2.27 -1.85