

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/21/2026

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	38.51	35.34	32.50	31.64	30.26	30.85	29.43	28.61	27.21	27.53	30.00	30.44	33.52	36.77	38.97	41.96	53.63	57.68	66.59	69.97	67.52	59.32	53.93	43.40
24138	1.76	1.72	1.61	1.56	1.47	1.44	1.40	1.54	1.68	1.78	2.17	2.15	2.40	2.82	3.09	3.57	4.50	5.13	5.78	5.60	4.89	3.73	3.34	2.73
	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	-4.09	-1.24	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.62	35.38	32.53	31.70	30.32	30.88	29.45	28.64	27.24	27.56	30.03	30.47	33.55	36.77	38.97	41.96	53.71	57.61	66.53	69.91	67.52	59.32	53.93	43.44
24260	1.87	1.75	1.64	1.62	1.53	1.47	1.43	1.57	1.71	1.80	2.20	2.18	2.43	2.82	3.09	3.57	4.46	5.03	5.72	5.54	4.89	3.73	3.34	2.77
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.62	35.38	32.53	31.70	30.32	30.88	29.45	28.64	27.24	27.56	30.03	30.47	33.55	36.77	38.97	41.96	53.71	57.61	66.53	69.91	67.52	59.32	53.93	43.44
24261	1.87	1.75	1.64	1.62	1.53	1.47	1.43	1.57	1.71	1.80	2.20	2.18	2.43	2.82	3.09	3.57	4.46	5.03	5.72	5.54	4.89	3.73	3.34	2.77
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.95	35.71	32.84	32.03	30.69	31.38	29.65	28.26	26.47	26.53	28.44	28.88	31.72	34.67	36.74	39.50	46.98	53.41	64.52	68.49	67.02	59.60	53.73	43.04
24011	2.20	2.08	1.95	1.96	1.90	1.97	1.63	1.19	0.94	0.77	0.61	0.59	0.59	0.71	0.86	1.11	1.94	2.10	3.71	4.12	4.38	4.00	3.14	2.36
	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
ADK RESOURCE___RCVRY	39.21	35.92	33.02	32.18	30.87	31.56	29.82	28.37	26.55	26.60	28.47	28.91	31.75	34.60	36.78	39.58	47.20	53.72	64.95	69.01	67.53	60.05	54.08	43.28
23798	2.46	2.29	2.13	2.10	2.07	2.15	1.80	1.30	1.02	0.85	0.64	0.62	0.62	0.64	0.90	1.19	2.16	2.41	4.14	4.64	4.89	4.45	3.49	2.61
	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
ADK S GLENS___FALLS	38.95	35.71	32.84	32.03	30.69	31.38	29.65	28.26	26.47	26.53	28.44	28.88	31.72	34.67	36.74	39.50	46.98	53.41	64.52	68.49	67.02	59.60	53.73	43.04
24028	2.20	2.08	1.95	1.96	1.90	1.97	1.63	1.19	0.94	0.77	0.61	0.59	0.59	0.71	0.86	1.11	1.94	2.10	3.71	4.12	4.38	4.00	3.14	2.36
	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
ADK_NYS___DAM	37.66	34.77	32.03	31.31	30.03	30.68	29.06	27.91	26.42	26.40	28.67	29.14	31.93	34.97	37.10	39.93	46.66	52.64	62.33	65.46	64.14	57.32	51.65	41.53
23527	0.92	1.14	1.14	1.23	1.24	1.26	1.04	0.84	0.89	0.64	0.83	0.85	0.81	1.02	1.22	1.54	1.62	1.33	1.52	1.09	1.50	1.73	1.06	0.86
	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
AIR_PRODUCTS___DRP	36.86	33.96	31.45	30.68	29.40	30.00	28.42	27.37	25.65	25.78	27.94	28.40	31.22	34.26	36.21	38.81	45.36	51.46	61.06	64.43	62.76	55.77	50.49	40.76
24190	0.11	0.34	0.56	0.60	0.60	0.59	0.39	0.30	0.13	0.03	0.11	0.11	0.09	0.31	0.32	0.42	0.32	0.15	0.24	0.06	0.13	0.17	-0.10	0.08
	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
AKWESSNE_115KV_BK	36.89	33.73	30.92	30.14	28.85	29.47	28.14	27.20	25.63	25.88	27.89	28.34	31.19	34.02	35.95	38.43	45.04	51.31	60.39	64.05	62.26	55.21	50.69	40.88
355683	0.15	0.10	0.03	0.06	0.06	0.06	0.11	0.14	0.10	0.13	0.06	0.06	0.06	0.07	0.07	0.04	0.00	0.00	-0.43	-0.32	-0.38	-0.39	0.10	0.20
	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_SOLAR	37.63	34.60	31.94	31.13	29.83	30.44	28.78	27.53	25.75	25.86	27.97	28.40	31.28	34.19	36.28	38.96	45.72	52.03	62.03	65.78	64.14	57.04	51.65	41.57
323833	0.88	0.98	1.05	1.05	1.04	1.03	0.76	0.46	0.23	0.10	0.14	0.11	0.16	0.24	0.40	0.58	0.68	0.72	1.22	1.41	1.50	1.44	1.06	0.89
	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_2_SOLAR	37.63	34.60	31.94	31.13	29.83	30.41	28.78	27.53	25.75	25.86	27.97	28.40	31.28	34.19	36.28	38.96	45.72	52.03	62.03	65.78	64.14	57.04	51.65	41.57
323834	0.88	0.98	1.05	1.05	1.04	1.00	0.76	0.46	0.23	0.10	0.14	0.11	0.16	0.24	0.40	0.58	0.68	0.72	1.22	1.41	1.50	1.44	1.06	0.89
	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___I	36.86	33.96	31.45	30.68	29.40	30.00	28.42	27.37	25.65	25.78	27.94	28.40	31.22	34.26	36.21	38.81	45.36	51.46	61.06	64.43	62.76	55.77	50.49	40.76
23571	0.11	0.34	0.56	0.60	0.60	0.59	0.39	0.30	0.13	0.03	0.11	0.11	0.09	0.31	0.32	0.42	0.32	0.15	0.24	0.06	0.13	0.17	-0.10	0.08
	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___2 23572	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.60 0.00	30.00 0.59 0.00	28.42 0.39 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.40 0.11 0.00	31.22 0.09 0.00	34.26 0.31 0.00	36.21 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.49 -0.10 0.00	40.76 0.08 0.00
ALBANY___3 23573	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.60 0.00	30.00 0.59 0.00	28.42 0.39 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.40 0.11 0.00	31.22 0.09 0.00	34.26 0.31 0.00	36.21 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.49 -0.10 0.00	40.76 0.08 0.00
ALBANY___4 23574	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.60 0.00	30.00 0.59 0.00	28.42 0.39 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.40 0.11 0.00	31.22 0.09 0.00	34.26 0.31 0.00	36.21 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.49 -0.10 0.00	40.76 0.08 0.00
ALBANY___LFGE 323615	37.19 0.44 0.00	34.23 0.61 0.00	31.69 0.80 0.00	30.89 0.81 0.00	29.60 0.81 0.00	30.21 0.79 0.00	28.67 0.65 0.00	27.53 0.46 0.00	25.83 0.31 0.00	25.96 0.21 0.00	28.11 0.28 0.00	28.57 0.28 0.00	31.41 0.28 0.00	34.36 0.41 0.00	36.42 0.54 0.00	39.08 0.69 0.00	45.72 0.68 0.00	51.87 0.57 0.00	61.60 0.79 0.00	65.01 0.64 0.00	63.39 0.75 0.00	56.32 0.72 0.00	50.95 0.36 0.00	41.08 0.41 0.00
ALCOA_PA_115KV_PL-6C 55860	37.04 0.29 0.00	33.83 0.20 0.00	31.01 0.12 0.00	30.26 0.18 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.22 0.20 0.00	27.26 0.19 0.00	25.65 0.13 0.00	25.91 0.16 0.00	27.92 0.08 0.00	28.37 0.09 0.00	31.22 0.09 0.00	34.09 0.14 0.00	35.95 0.07 0.00	38.43 0.04 0.00	45.04 0.00 0.00	51.36 0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.60 0.00 0.00	50.84 0.25 0.00	41.00 0.32 0.00
ALCOA_RYNLDS___DRP 24188	37.04 0.29 0.00	33.83 0.20 0.00	31.01 0.12 0.00	30.23 0.15 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.22 0.20 0.00	27.26 0.19 0.00	25.65 0.13 0.00	25.91 0.15 0.00	27.92 0.08 0.00	28.37 0.08 0.00	31.22 0.09 0.00	34.06 0.10 0.00	35.95 0.07 0.00	38.43 0.04 0.00	45.04 0.00 0.00	51.36 0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.60 0.00 0.00	50.84 0.25 0.00	41.00 0.33 0.00
ALCOA___DSASP 323711	37.04 0.29 0.00	33.83 0.20 0.00	31.01 0.12 0.00	30.23 0.15 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.22 0.20 0.00	27.26 0.19 0.00	25.65 0.13 0.00	25.91 0.15 0.00	27.92 0.08 0.00	28.37 0.08 0.00	31.22 0.09 0.00	34.06 0.10 0.00	35.95 0.07 0.00	38.43 0.04 0.00	45.04 0.00 0.00	51.36 0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.60 0.00 0.00	50.84 0.25 0.00	41.00 0.33 0.00
ALLEGHENY___COGEN 23514	36.63 -0.11 0.00	33.02 -0.60 0.00	30.27 -0.62 0.00	29.39 -0.69 0.00	28.13 -0.66 0.00	28.79 -0.62 0.00	27.30 -0.73 0.00	26.07 -1.00 0.00	24.17 -1.35 0.00	24.47 -1.29 0.00	26.16 -1.67 0.00	26.56 -1.73 0.00	29.32 -1.81 0.00	31.76 -2.27 -0.08	33.23 -2.73 -0.08	35.70 -2.76 -0.08	43.70 -2.97 -1.64	46.98 -2.61 1.71	61.98 -1.95 -3.12	66.33 -0.71 -2.66	65.30 -0.06 -2.73	57.91 0.28 -2.03	49.96 0.71 1.34	40.23 0.00 0.45
ALTAMONT_115KV_TB 2 55880	37.22 0.48 0.00	34.23 0.61 0.00	31.57 0.68 0.00	30.77 0.69 0.00	29.45 0.66 0.00	30.09 0.68 0.00	28.53 0.50 0.00	27.50 0.43 0.00	25.88 0.36 0.00	26.04 0.28 0.00	28.22 0.39 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.53 0.58 0.00	36.49 0.61 0.00	39.16 0.77 0.00	45.90 0.86 0.00	52.18 0.87 0.00	61.91 1.09 0.00	65.34 0.97 0.00	63.64 1.00 0.00	56.54 0.95 0.00	51.25 0.66 0.00	41.25 0.57 0.00
ALTONA_WT_PWR 323606	37.04 0.29 0.00	33.83 0.20 0.00	31.04 0.16 0.00	30.26 0.18 0.00	28.97 0.17 0.00	29.62 0.21 0.00	28.28 0.25 0.00	27.28 0.22 0.00	25.73 0.20 0.00	25.99 0.23 0.00	28.05 0.22 0.00	28.46 0.17 0.00	31.31 0.19 0.00	34.22 0.27 0.00	36.14 0.25 0.00	38.58 0.19 0.00	45.27 0.23 0.00	51.51 0.21 0.00	61.06 0.24 0.00	64.76 0.39 0.00	62.89 0.25 0.00	55.71 0.11 0.00	50.84 0.25 0.00	41.00 0.32 0.00
AMERICAN_REF_FUEL 24010	32.92 -3.82 0.00	29.46 -4.17 0.00	27.09 -3.80 0.00	26.20 -3.88 0.00	25.05 -3.74 0.00	25.74 -3.68 0.00	24.52 -3.50 0.00	23.90 -3.17 0.00	22.51 -3.01 0.00	23.00 -2.76 0.00	24.74 -3.09 0.00	25.09 -3.20 0.00	27.64 -3.49 0.00	29.62 -4.31 0.02	30.66 -5.20 0.02	32.80 -5.57 0.02	36.34 -6.76 1.94	41.59 -7.44 2.28	48.29 -8.76 3.76	52.26 -8.75 3.35	50.87 -8.33 3.44	45.93 -6.73 2.93	43.66 -5.31 1.62	35.58 -4.55 0.54
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.54 -2.20 0.00	31.00 -2.62 0.00	28.48 -2.41 0.00	27.52 -2.56 0.00	26.29 -2.51 0.00	27.09 -2.32 0.00	25.76 -2.27 0.00	25.04 -2.03 0.00	23.56 -1.96 0.00	24.03 -1.73 0.00	25.88 -1.95 0.00	26.31 -1.98 0.00	28.88 -2.24 0.00	31.01 -2.92 0.02	32.52 -3.34 0.02	34.87 -3.49 0.02	39.26 -3.78 2.00	45.04 -4.15 2.11	52.26 -4.68 3.87	56.10 -4.83 3.44	54.72 -4.39 3.53	48.60 -4.00 2.99	46.06 -3.03 1.49	37.29 -2.89 0.50
ARTHUR KILL_GT_1 23520	38.77 2.02 -0.01	35.59 1.95 -0.01	32.75 1.85 -0.01	31.92 1.83 -0.01	30.53 1.73 -0.01	30.94 1.53 0.00	29.34 1.32 0.00	28.40 1.33 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.37 2.24 0.00	36.64 2.68 0.00	38.86 2.98 0.00	41.92 3.53 0.00	53.84 4.59 -4.21	57.71 5.13 -1.28	66.65 5.84 0.00	70.03 5.66 0.00	67.58 4.95 0.00	59.32 3.73 0.00	54.29 3.69 -0.01	43.65 2.97 -0.01
ARTHUR_KILL_2 23512	38.66 1.91 -0.01	35.48 1.85 -0.01	32.69 1.79 -0.01	31.83 1.74 -0.01	30.44 1.64 -0.01	30.85 1.44 0.00	29.29 1.26 0.00	28.31 1.25 0.00	26.85 1.33 0.00	27.22 1.47 0.00	29.73 1.89 0.00	30.18 1.90 0.00	33.27 2.15 0.00	36.40 2.45 0.00	38.75 2.87 0.00	41.80 3.42 0.00	53.66 4.42 -4.21	57.62 5.03 -1.28	66.40 5.59 0.00	69.84 5.47 0.00	67.39 4.76 0.00	59.16 3.56 0.00	54.08 3.49 -0.01	43.53 2.85 -0.01
ARTHUR_KILL_3 23513	38.25 1.51 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.43 1.35 0.00	30.06 1.27 0.00	30.62 1.21 0.00	29.26 1.23 0.00	28.42 1.35 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.30 2.18 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.30 4.10 -4.16	57.24 4.67 -1.26	66.04 5.23 0.00	69.45 5.08 0.00	67.02 4.38 0.00	58.88 3.28 0.00	53.47 2.88 0.00	43.08 2.40 0.00

ARTHUR_KILL_COGEN 323718	38.77 2.02 -0.01	35.59 1.95 -0.01	32.75 1.85 -0.01	31.92 1.84 -0.01	30.53 1.73 -0.01	30.94 1.53 0.00	29.37 1.35 0.00	28.39 1.33 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.50 2.55 0.00	38.86 2.98 0.00	41.92 3.53 0.00	53.84 4.60 -4.21	57.82 5.24 -1.28	66.65 5.84 0.00	70.10 5.73 0.00	67.65 5.01 0.00	59.32 3.73 0.00	54.24 3.64 -0.01	43.65 2.97 -0.01
ASHOKAN____ 23654	38.29 1.54 0.00	35.18 1.55 0.00	32.34 1.45 0.00	31.46 1.38 0.00	30.12 1.33 0.00	30.59 1.18 0.00	28.95 0.92 0.00	27.69 0.62 0.00	26.01 0.48 0.00	26.09 0.33 0.00	28.28 0.44 0.00	28.68 0.40 0.00	31.69 0.56 0.00	34.74 0.78 0.00	37.00 1.11 0.00	39.93 1.54 0.00	47.16 2.12 0.00	54.12 2.82 0.01	64.76 3.95 0.00	68.43 4.06 0.00	66.27 3.63 0.00	58.60 3.00 0.00	53.02 2.43 0.00	42.59 1.91 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.47 1.73 0.00	35.27 1.65 0.00	32.60 1.70 -0.01	31.74 1.65 -0.01	30.35 1.55 -0.01	30.74 1.32 0.00	29.25 1.23 0.01	28.39 1.33 0.01	27.02 1.51 0.01	27.37 1.62 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.27 2.15 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.61 3.23 0.00	53.38 4.14 -4.20	57.24 4.67 -1.27	65.79 4.99 0.01	69.25 4.89 0.01	66.83 4.20 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.47 1.73 0.00	35.27 1.65 0.00	32.60 1.70 -0.01	31.74 1.65 -0.01	30.35 1.55 -0.01	30.74 1.32 0.00	29.25 1.23 0.01	28.39 1.33 0.01	27.02 1.51 0.01	27.37 1.62 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.27 2.15 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.61 3.23 0.00	53.38 4.14 -4.20	57.24 4.67 -1.27	65.79 4.99 0.01	69.25 4.89 0.01	66.83 4.20 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00
ASTORIA_GT2_1 24094	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT2_2 24095	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT2_3 24096	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT2_4 24097	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT3_1 24098	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT3_2 24099	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT3_3 24100	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT3_4 24101	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT4_1 24102	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT4_2 24103	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT4_3 24104	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00

ASTORIA_GT4_4 24105	38.51 1.76 0.00	35.31 1.68 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.36 1.55 -0.01	30.77 1.35 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.35 1.60 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.31 2.18 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.65 3.26 0.00	53.44 4.19 -4.21	55.91 4.62 0.01	65.86 5.05 0.00	69.20 4.83 0.00	66.83 4.20 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
ASTORIA_GT_1 23523	38.55 1.80 0.00	35.34 1.72 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.82 1.41 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.37 2.24 0.00	36.50 2.55 0.00	38.68 2.80 0.00	41.73 3.34 0.00	53.53 4.28 -4.21	56.07 4.77 0.01	66.04 5.23 0.00	69.39 5.02 0.00	66.96 4.32 0.00	58.71 3.11 0.00	53.57 2.98 0.00	43.36 2.68 0.00
ASTORIA_GT_10 24110	38.44 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.29 1.26 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.15 4.57 -1.28	65.98 5.17 0.00	69.33 4.96 0.00	66.96 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.60 0.00
ASTORIA_GT_11 24225	38.44 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.29 1.26 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.15 4.57 -1.28	65.98 5.17 0.00	69.33 4.96 0.00	66.96 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.60 0.00
ASTORIA_GT_12 24226	38.44 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.29 1.26 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.15 4.57 -1.28	65.98 5.17 0.00	69.33 4.96 0.00	66.96 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.60 0.00
ASTORIA_GT_13 24227	38.44 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.29 1.26 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.15 4.57 -1.28	65.98 5.17 0.00	69.33 4.96 0.00	66.96 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.60 0.00
ASTORIA_GT_5 24106	38.55 1.80 0.00	35.34 1.72 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.82 1.41 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.37 2.24 0.00	36.50 2.55 0.00	38.68 2.80 0.00	41.73 3.34 0.00	53.53 4.28 -4.21	56.07 4.77 0.01	66.04 5.23 0.00	69.39 5.02 0.00	66.96 4.32 0.00	58.71 3.11 0.00	53.57 2.98 0.00	43.36 2.68 0.00
ASTORIA_GT_7 24107	38.55 1.80 0.00	35.34 1.72 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.82 1.41 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.37 2.24 0.00	36.50 2.55 0.00	38.68 2.80 0.00	41.73 3.34 0.00	53.53 4.28 -4.21	56.07 4.77 0.01	66.04 5.23 0.00	69.39 5.02 0.00	66.96 4.32 0.00	58.71 3.11 0.00	53.57 2.98 0.00	43.36 2.68 0.00
ASTORIA_GT_8 24108	38.55 1.80 0.00	35.34 1.72 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.82 1.41 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.37 2.24 0.00	36.50 2.55 0.00	38.68 2.80 0.00	41.73 3.34 0.00	53.53 4.28 -4.21	56.07 4.77 0.01	66.04 5.23 0.00	69.39 5.02 0.00	66.96 4.32 0.00	58.71 3.11 0.00	53.57 2.98 0.00	43.36 2.68 0.00
ASTORIA___2 24149	38.51 1.76 0.00	35.27 1.65 0.00	32.63 1.73 -0.01	31.74 1.65 -0.01	30.35 1.55 -0.01	30.77 1.35 0.00	29.25 1.23 0.01	28.41 1.35 0.01	27.02 1.51 0.01	27.37 1.62 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.30 2.18 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.65 3.26 0.00	53.43 4.19 -4.20	57.29 4.72 -1.27	65.85 5.04 0.01	69.25 4.89 0.01	66.83 4.20 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00
ASTORIA___3 23516	38.44 1.69 0.00	35.27 1.65 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.84 2.01 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.25 4.67 -1.28	65.98 5.17 0.00	69.39 5.02 0.00	66.95 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.61 0.00
ASTORIA___4 23517	38.44 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.29 1.26 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.15 4.57 -1.28	65.98 5.17 0.00	69.33 4.96 0.00	66.96 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.60 0.00
ASTORIA___5 23518	38.44 1.69 0.00	35.27 1.65 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.84 2.01 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.25 4.67 -1.28	65.98 5.17 0.00	69.39 5.02 0.00	66.95 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.61 0.00
AST_ENERGY_2_CC3 323677	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.48 1.41 0.00	27.08 1.56 0.00	27.41 1.65 0.00	29.84 2.01 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.33 4.10 -4.19	57.30 4.72 -1.27	66.10 5.29 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.57 2.98 0.00	43.20 2.52 0.00
AST_ENERGY_2_CC4 323678	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.48 1.41 0.00	27.08 1.56 0.00	27.41 1.65 0.00	29.84 2.01 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.33 4.10 -4.19	57.30 4.72 -1.27	66.10 5.29 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.57 2.98 0.00	43.20 2.52 0.00

ATHENS_STG_1 23668	37.48 0.73 0.00	34.47 0.84 0.00	31.72 0.83 0.00	30.89 0.81 0.00	29.57 0.78 0.00	30.18 0.76 0.00	28.67 0.65 0.00	27.69 0.62 0.00	26.19 0.66 0.00	26.40 0.64 0.00	28.61 0.78 0.00	29.08 0.79 0.00	32.00 0.87 0.00	34.94 0.99 0.00	37.06 1.18 0.00	39.81 1.42 0.00	46.75 1.71 0.00	53.20 1.90 0.01	62.94 2.13 0.00	66.37 2.00 0.00	64.51 1.88 0.00	57.10 1.50 0.00	51.80 1.21 0.00	41.69 1.02 0.00
ATHENS_STG_2 23670	37.48 0.73 0.00	34.47 0.84 0.00	31.72 0.83 0.00	30.89 0.81 0.00	29.57 0.78 0.00	30.18 0.76 0.00	28.67 0.65 0.00	27.69 0.62 0.00	26.19 0.66 0.00	26.40 0.64 0.00	28.61 0.78 0.00	29.08 0.79 0.00	32.00 0.87 0.00	34.94 0.99 0.00	37.06 1.18 0.00	39.81 1.42 0.00	46.75 1.71 0.00	53.20 1.90 0.01	62.94 2.13 0.00	66.37 2.00 0.00	64.51 1.88 0.00	57.10 1.50 0.00	51.80 1.21 0.00	41.69 1.02 0.00
ATHENS_STG_3 23677	37.48 0.73 0.00	34.47 0.84 0.00	31.72 0.83 0.00	30.89 0.81 0.00	29.57 0.78 0.00	30.18 0.76 0.00	28.67 0.65 0.00	27.69 0.62 0.00	26.19 0.66 0.00	26.40 0.64 0.00	28.61 0.78 0.00	29.08 0.79 0.00	32.00 0.87 0.00	34.94 0.99 0.00	37.06 1.18 0.00	39.81 1.42 0.00	46.75 1.71 0.00	53.20 1.90 0.01	62.94 2.13 0.00	66.37 2.00 0.00	64.51 1.88 0.00	57.10 1.50 0.00	51.80 1.21 0.00	41.69 1.02 0.00
AUBURN___LFGE 323710	36.56 -0.18 0.00	33.32 -0.30 0.00	30.55 -0.34 0.00	29.69 -0.39 0.00	28.45 -0.35 0.00	29.06 -0.35 0.00	27.69 -0.34 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.32 -0.44 0.00	27.30 -0.53 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.28 -0.68 0.00	35.17 -0.72 0.00	37.55 -0.84 0.00	44.24 -0.90 -0.11	50.44 -0.87 0.00	60.22 -0.79 -0.20	64.03 -0.51 -0.18	62.50 -0.31 -0.18	55.52 -0.22 -0.14	50.49 -0.10 0.00	40.39 -0.28 0.00
BABYLON_RES_REC 323704	38.65 1.91 0.00	35.31 1.68 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.59 1.18 0.00	29.17 1.15 0.00	28.39 1.33 0.00	27.29 1.76 0.00	27.94 2.19 0.00	32.47 2.62 -2.03	35.44 2.57 -4.58	35.88 2.86 -1.90	40.23 3.16 -3.12	51.64 3.59 -12.17	55.28 4.11 -12.78	60.59 4.87 -10.68	60.40 5.54 -3.55	69.04 6.02 -2.21	70.81 6.44 0.00	67.53 4.89 0.00	59.38 3.78 0.00	52.81 2.22 0.01	43.61 2.93 0.00
BALL_HILL_WT_PWR 323825	34.25 -2.50 0.00	30.74 -2.89 0.00	28.23 -2.66 0.00	27.28 -2.80 0.00	26.06 -2.74 0.00	26.82 -2.59 0.00	25.50 -2.52 0.00	24.80 -2.27 0.00	23.33 -2.20 0.00	23.82 -1.93 0.00	25.63 -2.20 0.00	26.05 -2.24 0.00	28.63 -2.49 0.00	30.74 -3.19 0.03	32.16 -3.70 0.03	34.45 -3.92 0.03	38.59 -4.37 2.08	44.33 -4.82 2.15	51.24 -5.53 4.04	54.99 -5.79 3.59	53.63 -5.32 3.68	47.70 -4.78 3.12	45.32 -3.74 1.52	36.75 -3.42 0.51
BARON_WINDS___WT_PWR 323822	35.64 -1.10 0.00	32.28 -1.35 0.00	29.59 -1.30 0.00	28.67 -1.41 0.00	27.41 -1.38 0.00	28.12 -1.29 0.00	26.71 -1.32 0.00	25.72 -1.35 0.00	24.04 -1.48 0.00	24.42 -1.34 0.00	26.30 -1.53 0.00	26.73 -1.56 0.00	29.48 -1.65 0.00	31.74 -2.11 0.11	33.44 -2.33 0.11	35.82 -2.46 0.11	37.69 -2.61 4.74	47.20 -2.72 1.38	48.95 -2.74 9.13	53.79 -2.58 8.00	52.24 -2.19 8.21	46.94 -2.00 6.66	48.16 -1.42 1.02	38.83 -1.50 0.34
BARRETT_IC_1 23704	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_10 23701	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_11 23702	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_12 23703	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_2 23705	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_3 23706	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_4 23707	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_5 23708	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01

BARRETT_IC_6 23709	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_7 23710	38.40 1.65 0.00	35.14 1.51 0.00	32.34 1.45 0.00	31.37 1.29 0.00	29.97 1.18 0.00	30.50 1.09 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.58 1.83 0.00	32.22 2.37 -2.03	35.18 2.32 -4.58	35.61 2.58 -1.90	45.32 2.95 -8.41	150.62 3.27 -111.47	154.24 3.76 -112.09	159.62 4.59 -109.99	93.12 5.18 -36.63	89.21 5.59 -22.80	70.43 5.99 -0.07	67.28 4.57 -0.07	59.28 3.61 -0.07	52.71 2.12 0.01	43.28 2.60 0.00
BARRETT_IC_8 23711	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT_IC_9 23700	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT___1 23545	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BARRETT___2 23546	38.41 1.66 -0.01	35.15 1.51 -0.01	32.34 1.45 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.11 1.58 0.00	27.69 1.93 0.00	32.20 2.34 -2.03	35.19 2.32 -4.58	35.58 2.55 -1.90	45.18 2.82 -8.41	150.62 3.26 -111.47	154.24 3.76 -112.09	159.62 4.60 -109.99	92.97 5.03 -36.63	89.27 5.66 -22.80	70.69 6.24 -0.07	67.53 4.82 -0.07	59.34 3.67 -0.07	52.71 2.12 0.00	43.29 2.61 -0.01
BATAVIA__115KV_TB1 55881	34.47 -2.28 0.00	30.90 -2.72 0.00	28.42 -2.47 0.00	27.49 -2.59 0.00	26.35 -2.45 0.00	26.97 -2.44 0.00	25.98 -2.05 0.00	24.90 -2.17 0.00	23.41 -2.12 0.00	23.88 -1.88 0.00	25.66 -2.17 0.00	26.05 -2.23 0.00	28.67 -2.46 0.00	30.31 -3.63 0.01	32.14 -3.73 0.01	34.42 -3.95 0.01	38.53 -4.73 1.78	44.22 -4.87 2.22	51.76 -5.59 3.46	56.26 -5.02 3.09	54.71 -4.76 3.16	49.22 -3.67 2.71	46.19 -2.73 1.67	37.55 -2.56 0.56
BAYONEEC___CTG1 323682	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG10 323750	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG2 323683	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG3 323684	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG4 323685	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG5 323686	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG6 323687	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG7 323688	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00

BAYONEEC___CTG8 323689	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYONEEC___CTG9 323749	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.47 2.51 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.39 4.82 -1.26	66.16 5.35 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.05 3.45 0.00	53.62 3.04 0.00	43.20 2.52 0.00
BAYPORT_69_KV_BK 2 356364	38.95 2.20 0.00	35.54 1.92 0.00	32.77 1.88 0.00	31.73 1.65 0.00	30.29 1.50 0.00	30.82 1.41 0.00	29.34 1.32 0.00	28.61 1.54 0.00	27.62 2.09 0.00	28.18 2.42 0.00	32.92 3.06 -2.03	35.83 2.97 -4.58	36.29 3.27 -1.90	40.39 3.63 -2.81	46.18 3.98 -6.31	49.84 4.53 -6.93	55.18 5.31 -4.83	59.16 6.26 -1.59	68.25 6.45 -0.99	70.80 6.44 0.00	67.46 4.82 0.00	59.60 4.00 0.00	52.91 2.33 0.01	43.89 3.21 0.00
BEACON___LESR 323632	37.30 0.55 0.00	34.33 0.71 0.00	31.75 0.86 0.00	30.98 0.90 0.00	29.66 0.86 0.00	30.29 0.88 0.00	28.72 0.70 0.00	27.61 0.54 0.00	25.88 0.36 0.00	26.01 0.26 0.00	28.17 0.34 0.00	28.63 0.34 0.00	31.50 0.37 0.00	34.43 0.48 0.00	36.53 0.65 0.00	39.20 0.81 0.00	45.89 0.85 0.00	52.08 0.77 0.00	61.84 1.03 0.00	65.34 0.97 0.00	63.64 1.00 0.00	56.60 1.00 0.00	51.15 0.56 0.00	41.25 0.57 0.00
BEAVER RIVER___HYD 24048	36.74 0.00 0.00	33.66 0.03 0.00	30.98 0.09 0.00	30.20 0.12 0.00	28.91 0.12 0.00	29.56 0.15 0.00	28.02 0.00 0.00	26.96 -0.11 0.00	25.25 -0.28 0.00	25.42 -0.34 0.00	27.30 -0.53 0.00	27.72 -0.57 0.00	30.53 -0.59 0.00	33.17 -0.78 0.00	35.02 -0.86 0.00	37.54 -0.84 0.00	44.23 -0.81 0.00	50.54 -0.77 0.00	60.57 -0.24 0.00	64.88 0.51 0.00	63.45 0.81 0.00	56.15 0.56 0.00	51.30 0.71 0.00	41.12 0.45 0.00
BEEBEE_GT_13 23619	35.24 -1.51 0.00	31.78 -1.85 0.00	29.19 -1.70 0.00	28.30 -1.77 0.00	27.15 -1.64 0.00	27.74 -1.68 0.00	26.62 -1.40 0.00	25.63 -1.43 0.00	24.12 -1.40 0.00	24.57 -1.18 0.00	26.47 -1.36 0.00	26.93 -1.36 0.00	29.66 -1.46 0.00	31.58 -2.38 0.00	33.51 -2.37 0.00	35.78 -2.61 0.00	40.42 -3.24 1.38	46.14 -3.03 2.14	54.29 -3.83 2.69	58.60 -3.35 2.42	57.02 -3.13 2.48	51.21 -2.22 2.16	47.31 -1.52 1.76	38.54 -1.55 0.59
BENSHRST_27_KV_BENSHRST_1 355998	38.85 2.09 -0.01	35.65 2.02 -0.01	32.81 1.92 -0.01	31.95 1.86 -0.01	30.56 1.76 -0.01	30.97 1.56 0.00	29.43 1.40 0.00	28.50 1.43 0.00	27.06 1.53 0.00	27.40 1.65 0.00	29.95 2.12 0.00	30.38 2.09 0.00	33.49 2.37 0.00	36.74 2.78 0.00	38.97 3.09 0.00	42.00 3.61 0.00	53.89 4.64 -4.21	57.77 5.18 -1.28	66.71 5.90 0.00	70.10 5.73 0.00	67.65 5.01 0.00	59.38 3.78 0.00	54.29 3.69 -0.01	43.73 3.05 -0.01
BETHLEHEM___GRP 23843	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.60 0.00	30.00 0.59 0.00	28.42 0.39 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.40 0.11 0.00	31.22 0.09 0.00	34.26 0.31 0.00	36.21 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.49 -0.10 0.00	40.76 0.08 0.00
BETHLEHEM___GS1 323560	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.61 0.00	30.00 0.59 0.00	28.47 0.45 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.37 0.09 0.00	31.22 0.09 0.00	34.12 0.17 0.00	36.20 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.44 -0.15 0.00	40.76 0.08 0.00
BETHLEHEM___GS2 323561	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.61 0.00	30.00 0.59 0.00	28.47 0.45 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.37 0.09 0.00	31.22 0.09 0.00	34.12 0.17 0.00	36.20 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.44 -0.15 0.00	40.76 0.08 0.00
BETHLEHEM___GS3 323562	36.86 0.11 0.00	33.96 0.34 0.00	31.45 0.56 0.00	30.68 0.60 0.00	29.40 0.61 0.00	30.00 0.59 0.00	28.47 0.45 0.00	27.37 0.30 0.00	25.65 0.13 0.00	25.78 0.03 0.00	27.94 0.11 0.00	28.37 0.09 0.00	31.22 0.09 0.00	34.12 0.17 0.00	36.20 0.32 0.00	38.81 0.42 0.00	45.36 0.32 0.00	51.46 0.15 0.00	61.06 0.24 0.00	64.43 0.06 0.00	62.76 0.13 0.00	55.77 0.17 0.00	50.44 -0.15 0.00	40.76 0.08 0.00
BETHLEHEM___STEEL 23779	34.10 -2.65 0.00	30.57 -3.06 0.00	28.11 -2.78 0.00	27.10 -2.98 0.00	25.94 -2.85 0.00	26.65 -2.76 0.00	25.67 -2.35 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.03 0.00	25.52 -2.31 0.00	25.88 -2.40 0.00	28.42 -2.71 0.00	30.30 -3.63 0.02	32.02 -3.84 0.02	34.26 -4.11 0.02	38.33 -4.64 2.07	43.54 -5.59 2.17	50.77 -6.02 4.02	54.68 -6.12 3.57	53.21 -5.76 3.66	47.38 -5.12 3.11	45.05 -4.00 1.54	36.62 -3.54 0.52
BETHLHEM_115KV_TB1 79974	36.93 0.18 0.00	34.03 0.40 0.00	31.48 0.59 0.00	30.71 0.63 0.00	29.40 0.60 0.00	30.03 0.62 0.00	28.44 0.42 0.00	27.39 0.32 0.00	25.70 0.18 0.00	25.83 0.08 0.00	28.00 0.17 0.00	28.46 0.17 0.00	31.31 0.19 0.00	34.33 0.37 0.00	36.28 0.39 0.00	38.93 0.54 0.00	45.49 0.45 0.00	51.62 0.31 0.00	61.24 0.43 0.00	64.63 0.26 0.00	62.95 0.31 0.00	55.93 0.33 0.00	50.64 0.05 0.00	40.84 0.16 0.00
BETHPAGE_CC_5 323564	38.62 1.87 0.00	35.31 1.68 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.59 1.18 0.00	29.17 1.15 0.00	28.39 1.33 0.00	27.26 1.74 0.00	27.92 2.16 0.00	32.45 2.59 -2.03	35.44 2.57 -4.58	35.89 2.86 -1.90	40.23 3.16 -3.12	51.60 3.55 -12.17	55.24 4.07 -12.78	60.50 4.77 -10.68	60.24 5.39 -3.55	68.92 5.90 -2.21	70.68 6.31 0.00	67.46 4.82 0.00	59.32 3.73 0.00	52.86 2.28 0.01	43.56 2.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.17 -2.57 0.00	30.63 -2.99 0.00	28.17 -2.72 0.00	27.16 -2.92 0.00	26.00 -2.79 0.00	26.71 -2.71 0.00	25.70 -2.33 0.00	24.71 -2.35 0.00	23.25 -2.27 0.00	23.75 -2.01 0.00	25.58 -2.25 0.00	25.94 -2.35 0.00	28.48 -2.65 0.00	30.47 -3.46 0.02	32.16 -3.70 0.02	34.41 -3.95 0.02	38.67 -4.32 2.05	43.61 -5.54 2.16	51.19 -5.66 3.96	54.93 -5.92 3.52	53.45 -5.57 3.61	47.36 -5.17 3.06	45.01 -4.05 1.53	36.54 -3.62 0.51

BINGHAMTON___COGEN 23790	36.49 -0.26 0.00	33.26 -0.37 0.00	30.52 -0.37 0.00	29.63 -0.45 0.00	28.39 -0.40 0.00	29.03 -0.38 0.00	27.66 -0.36 0.00	26.66 -0.41 0.00	25.09 -0.43 0.00	25.40 -0.36 0.00	27.41 -0.42 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.27 -0.61 0.00	37.74 -0.65 0.00	44.11 -0.59 0.35	49.84 -0.87 0.60	59.53 -0.61 0.67	63.19 -0.58 0.61	61.58 -0.44 0.62	54.50 -0.56 0.55	49.74 -0.40 0.44	40.00 -0.53 0.15
BIXINCNT_115KV_LOAD 355685	34.21 -2.54 0.00	30.70 -2.93 0.00	28.23 -2.66 0.00	27.22 -2.86 0.00	26.06 -2.74 0.00	26.82 -2.59 0.00	25.81 -2.21 0.00	24.82 -2.25 0.00	23.36 -2.17 0.00	23.82 -1.93 0.00	25.69 -2.14 0.00	26.05 -2.23 0.00	28.57 -2.55 0.00	30.91 -3.02 0.02	32.49 -3.37 0.02	34.76 -3.61 0.02	39.51 -3.60 1.93	43.84 -5.39 2.08	52.28 -4.80 3.73	55.65 -5.41 3.32	54.35 -4.89 3.40	47.65 -5.06 2.89	44.92 -4.20 1.47	36.44 -3.74 0.49
BLACK RIVER___HYD 24047	37.22 0.48 0.00	34.10 0.47 0.00	31.32 0.43 0.00	30.53 0.45 0.00	29.20 0.40 0.00	29.85 0.44 0.00	28.22 0.20 0.00	27.07 0.00 0.00	25.27 -0.26 0.00	25.45 -0.31 0.00	27.33 -0.50 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.21 -0.75 0.00	35.06 -0.82 0.00	37.66 -0.73 0.00	44.45 -0.59 0.00	50.85 -0.46 0.00	61.24 0.43 0.00	65.91 1.54 0.00	64.51 1.88 0.00	57.04 1.44 0.00	52.00 1.41 0.00	41.57 0.89 0.00
BLACKRVR_115KV_TB2 79977	37.22 0.48 0.00	34.06 0.44 0.00	31.32 0.43 0.00	30.50 0.42 0.00	29.20 0.40 0.00	29.85 0.44 0.00	28.25 0.22 0.00	27.07 0.00 0.00	25.27 -0.26 0.00	25.45 -0.31 0.00	27.30 -0.53 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.17 -0.78 0.00	35.06 -0.83 0.00	37.66 -0.73 0.00	44.45 -0.59 0.00	50.85 -0.46 0.00	61.24 0.43 0.00	65.92 1.54 0.00	64.58 1.94 0.00	57.04 1.45 0.00	52.01 1.42 0.00	41.57 0.89 0.00
BLISS_WT_PWR 323608	34.14 -2.61 0.00	30.67 -2.96 0.00	28.17 -2.72 0.00	27.22 -2.86 0.00	26.00 -2.79 0.00	26.82 -2.59 0.00	25.56 -2.47 0.00	24.82 -2.25 0.00	23.36 -2.17 0.00	23.82 -1.93 0.00	25.66 -2.17 0.00	26.05 -2.24 0.00	28.67 -2.46 0.00	30.74 -3.19 0.02	32.38 -3.48 0.02	34.72 -3.65 0.02	39.42 -3.69 1.93	44.97 -4.26 2.08	52.21 -4.87 3.73	55.52 -5.54 3.32	54.35 -4.89 3.40	47.65 -5.06 2.89	45.02 -4.10 1.47	36.44 -3.74 0.49
BLUESTONE___WT_PWR 323821	37.77 1.03 0.00	34.54 0.91 0.00	31.69 0.80 0.00	30.83 0.75 0.00	29.48 0.69 0.00	30.15 0.74 0.00	28.53 0.50 0.00	27.50 0.43 0.00	25.86 0.33 0.00	26.09 0.33 0.00	28.17 0.34 0.00	28.57 0.28 0.00	31.50 0.37 0.00	34.26 0.30 0.00	36.31 0.43 0.00	38.96 0.58 0.00	45.75 0.95 0.24	52.23 1.33 0.40	62.35 2.00 0.46	66.40 2.45 0.42	64.65 2.44 0.43	57.17 1.94 0.38	52.01 1.72 0.30	41.75 1.18 0.10
BLUE_CIRC_CHEM_DRP 24182	37.37 0.62 0.00	34.40 0.77 0.00	31.75 0.86 0.00	30.95 0.87 0.00	29.63 0.83 0.00	30.27 0.85 0.00	28.64 0.62 0.00	27.50 0.43 0.00	25.78 0.26 0.00	25.91 0.15 0.00	28.05 0.22 0.00	28.51 0.23 0.00	31.38 0.25 0.00	34.36 0.41 0.00	36.35 0.47 0.00	39.00 0.61 0.00	45.72 0.68 0.00	51.97 0.67 0.00	61.85 1.03 0.00	65.40 1.03 0.00	63.76 1.13 0.00	56.65 1.06 0.00	51.35 0.76 0.00	41.37 0.69 0.00
BOC_GAS_DRP 24189	37.11 0.37 0.00	34.13 0.50 0.00	31.48 0.59 0.00	30.68 0.60 0.00	29.40 0.60 0.00	30.00 0.59 0.00	28.44 0.42 0.00	27.45 0.38 0.00	25.86 0.33 0.00	26.04 0.28 0.00	28.19 0.36 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.53 0.58 0.00	36.49 0.61 0.00	39.16 0.77 0.00	45.85 0.81 0.00	52.08 0.77 0.00	61.72 0.91 0.00	65.14 0.77 0.00	63.39 0.75 0.00	56.27 0.67 0.00	51.04 0.46 0.00	41.08 0.41 0.00
BOONVILLE_115KV_TB1 79983	37.04 0.29 0.00	33.93 0.30 0.00	31.20 0.31 0.00	30.41 0.33 0.00	29.11 0.32 0.00	29.74 0.32 0.00	28.25 0.22 0.00	27.20 0.14 0.00	25.55 0.03 0.00	25.76 0.00 0.00	27.72 -0.11 0.00	28.17 -0.11 0.00	31.00 -0.12 0.00	33.75 -0.20 0.00	35.67 -0.22 0.00	38.23 -0.15 0.00	45.00 -0.05 0.00	51.36 0.05 0.00	61.30 0.49 0.00	65.34 0.97 0.00	63.76 1.13 0.00	56.49 0.89 0.00	51.45 0.86 0.00	41.29 0.61 0.00
BORALEX_4TH_BRANCH 23824	37.66 0.92 0.00	34.77 1.14 0.00	32.03 1.14 0.00	31.34 1.26 0.00	30.03 1.24 0.00	30.68 1.26 0.00	28.98 0.95 0.00	27.91 0.84 0.00	26.42 0.89 0.00	26.43 0.67 0.00	28.67 0.83 0.00	29.14 0.85 0.00	31.97 0.84 0.00	35.21 1.26 0.00	37.10 1.22 0.00	39.92 1.54 0.00	46.66 1.62 0.00	52.59 1.28 0.00	62.33 1.52 0.00	65.53 1.16 0.00	64.14 1.50 0.00	57.32 1.72 0.00	51.70 1.11 0.00	41.53 0.85 0.00
BOWLINE___1 23526	38.03 1.29 0.00	34.91 1.28 0.00	32.09 1.20 0.00	31.22 1.14 0.00	29.89 1.09 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.15 1.08 0.00	26.73 1.20 0.00	27.04 1.29 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.84 1.71 0.00	35.89 1.93 0.00	38.18 2.30 0.00	41.11 2.73 0.00	48.37 3.33 0.00	55.15 3.85 0.01	65.13 4.32 0.00	68.55 4.18 0.00	66.33 3.69 0.00	58.38 2.78 0.00	53.02 2.43 0.00	42.63 1.95 0.00
BOWLINE___2 23595	38.03 1.29 0.00	34.91 1.28 0.00	32.09 1.20 0.00	31.22 1.14 0.00	29.89 1.09 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.15 1.08 0.00	26.73 1.20 0.00	27.04 1.29 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.84 1.71 0.00	35.89 1.93 0.00	38.18 2.30 0.00	41.11 2.73 0.00	48.37 3.33 0.00	55.15 3.85 0.01	65.13 4.32 0.00	68.55 4.18 0.00	66.33 3.69 0.00	58.38 2.78 0.00	53.02 2.43 0.00	42.63 1.95 0.00
BRADY___115KV_TB2 356060	37.19 0.44 0.00	34.00 0.37 0.00	31.17 0.28 0.00	30.41 0.33 0.00	29.08 0.29 0.00	29.74 0.32 0.00	28.33 0.31 0.00	27.31 0.24 0.00	25.65 0.13 0.00	25.88 0.13 0.00	27.86 0.03 0.00	28.29 0.00 0.00	31.13 0.00 0.00	33.92 -0.03 0.00	35.85 -0.04 0.00	38.31 -0.08 0.00	44.95 -0.09 0.00	51.31 0.00 0.00	60.87 0.06 0.00	64.82 0.45 0.00	63.14 0.50 0.00	55.93 0.33 0.00	51.15 0.56 0.00	41.25 0.57 0.00
BRANSCOMB___SOLAR 323811	38.25 1.51 0.00	35.14 1.51 0.00	32.34 1.45 0.00	31.55 1.47 0.00	30.23 1.44 0.00	30.88 1.47 0.00	29.23 1.20 0.00	27.93 0.87 0.00	26.19 0.66 0.00	26.27 0.51 0.00	28.30 0.47 0.00	28.74 0.45 0.00	31.56 0.44 0.00	34.46 0.51 0.00	36.60 0.72 0.00	39.35 0.96 0.00	46.44 1.40 0.00	52.80 1.49 0.00	63.18 2.37 0.00	66.88 2.51 0.00	65.52 2.88 0.00	58.32 2.72 0.00	52.66 2.07 0.00	42.26 1.58 0.00
BRDGHMPT_69_KV_BK1 55812	38.91 2.17 0.00	35.41 1.78 0.00	32.77 1.88 0.00	31.73 1.65 0.00	30.32 1.53 0.00	30.85 1.44 0.00	29.40 1.37 0.00	28.69 1.62 0.00	27.87 2.35 0.00	28.46 2.70 0.00	33.25 3.40 -2.03	36.00 3.14 -4.58	36.42 3.39 -1.90	40.26 3.53 -2.77	45.29 3.73 -5.68	48.94 4.26 -6.29	54.23 5.00 -4.19	58.69 6.00 -1.38	67.94 6.26 -0.86	70.42 6.05 0.00	66.89 4.26 0.00	59.10 3.50 0.01	52.30 1.72 0.01	43.56 2.89 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.80 2.06 0.00	35.48 1.85 0.00	32.65 1.76 0.00	31.61 1.53 0.00	30.20 1.41 0.00	30.74 1.32 0.00	29.26 1.23 0.00	28.50 1.43 0.00	27.44 1.91 0.00	28.00 2.24 0.00	32.70 2.84 -2.03	35.63 2.77 -4.58	36.10 3.08 -1.90	40.23 3.46 -2.81	46.09 3.77 -6.44	49.75 4.30 -7.06	55.00 5.00 -4.96	58.80 5.85 -1.64	67.73 5.90 -1.02	70.35 5.99 0.00	67.08 4.45 0.00	59.26 3.67 0.00	52.81 2.23 0.01	43.77 3.09 0.00
BRISTLHL_115KV_TB1 79998	35.97 -0.77 0.00	32.85 -0.77 0.00	30.15 -0.74 0.00	29.33 -0.75 0.00	28.10 -0.69 0.00	28.71 -0.71 0.00	27.32 -0.70 0.00	26.37 -0.70 0.00	24.81 -0.71 0.00	25.06 -0.70 0.00	27.02 -0.81 0.00	27.52 -0.76 0.00	30.32 -0.81 0.00	32.94 -1.02 0.00	34.77 -1.11 0.00	37.08 -1.31 0.00	44.48 -1.53 -0.97	51.18 -1.64 -1.52	60.88 -1.82 -1.89	64.33 -1.74 -1.70	62.81 -1.57 -1.74	55.73 -1.39 -1.52	50.61 -1.21 -1.24	40.03 -1.06 -0.42
BROOKHAVEN___DRP 24191	38.40 1.65 0.00	35.11 1.48 0.00	32.43 1.54 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.53 1.12 0.00	29.06 1.04 0.00	28.31 1.25 0.00	27.36 1.84 0.00	27.87 2.11 0.00	32.56 2.70 -2.03	35.38 2.52 -4.58	35.79 2.77 -1.90	39.71 2.99 -2.77	44.81 3.27 -5.66	48.43 3.76 -6.28	53.58 4.37 -4.18	57.92 5.23 -1.38	66.96 5.29 -0.86	69.58 5.21 0.00	66.26 3.63 0.00	58.60 3.00 0.01	52.00 1.42 0.01	43.28 2.60 0.00
BROOKLYN_NAVY_YARD 23515	38.32 1.58 0.00	35.18 1.55 0.00	32.34 1.45 0.00	31.49 1.41 0.00	30.12 1.33 0.00	30.68 1.26 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.89 2.06 0.00	30.35 2.06 0.00	33.40 2.27 0.00	36.50 2.55 0.00	38.83 2.94 0.00	41.80 3.42 0.00	53.43 4.23 -4.16	57.45 4.88 -1.26	66.22 5.41 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.05 3.45 0.00	53.67 3.09 0.00	43.24 2.56 0.00
BROOKLYN___ARMY_DRP 323595	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.37 2.24 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.51 4.93 -1.28	66.41 5.59 0.00	69.71 5.34 0.00	67.33 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
BROOME_2_LFGE 323671	36.49 -0.26 0.00	33.26 -0.37 0.00	30.52 -0.37 0.00	29.66 -0.42 0.00	28.39 -0.40 0.00	29.03 -0.38 0.00	27.60 -0.42 0.00	26.66 -0.41 0.00	25.09 -0.43 0.00	25.40 -0.36 0.00	27.42 -0.42 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.34 -0.61 0.00	35.24 -0.64 0.00	37.74 -0.65 0.00	44.06 -0.63 0.35	50.10 -0.61 0.60	59.53 -0.61 0.67	63.18 -0.58 0.61	61.58 -0.44 0.62	54.50 -0.56 0.55	49.74 -0.41 0.44	40.00 -0.53 0.15
BROOME___LFGE 323600	36.49 -0.26 0.00	33.26 -0.37 0.00	30.52 -0.37 0.00	29.66 -0.42 0.00	28.39 -0.40 0.00	29.03 -0.38 0.00	27.60 -0.42 0.00	26.66 -0.41 0.00	25.09 -0.43 0.00	25.40 -0.36 0.00	27.42 -0.42 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.34 -0.61 0.00	35.24 -0.64 0.00	37.74 -0.65 0.00	44.06 -0.63 0.35	50.10 -0.61 0.60	59.53 -0.61 0.67	63.18 -0.58 0.61	61.58 -0.44 0.62	54.50 -0.56 0.55	49.74 -0.41 0.44	40.00 -0.53 0.15
BROWNFLS_115KV_TB 3_5 80003	36.56 -0.18 0.00	33.46 -0.17 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.35 -0.06 0.00	27.86 -0.17 0.00	26.85 -0.22 0.00	25.19 -0.33 0.00	25.40 -0.36 0.00	27.28 -0.56 0.00	27.69 -0.59 0.00	30.47 -0.65 0.00	33.14 -0.81 0.00	35.02 -0.86 0.00	37.51 -0.88 0.00	44.09 -0.95 0.00	50.38 -0.92 0.00	60.08 -0.73 0.00	64.18 -0.19 0.00	62.64 0.00 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.72 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	38.66 1.91 0.00	35.44 1.82 0.00	32.59 1.70 0.00	31.73 1.65 0.00	30.35 1.55 0.00	30.91 1.50 0.00	29.51 1.49 0.00	28.69 1.62 0.00	27.29 1.76 0.00	27.61 1.85 0.00	30.09 2.25 0.00	30.55 2.26 0.00	33.65 2.52 0.00	36.87 2.92 0.00	39.08 3.19 0.00	42.11 3.72 0.00	53.79 4.59 -4.16	57.80 5.23 -1.26	66.77 5.96 0.00	70.16 5.79 0.00	67.77 5.14 0.00	59.49 3.89 0.00	54.13 3.54 0.00	43.56 2.89 0.00
BURROWS___LYONSDAL 23803	36.89 0.15 0.00	33.83 0.20 0.00	31.14 0.25 0.00	30.32 0.24 0.00	29.02 0.23 0.00	29.68 0.26 0.00	28.16 0.14 0.00	27.15 0.08 0.00	25.47 -0.05 0.00	25.65 -0.10 0.00	27.61 -0.22 0.00	28.03 -0.25 0.00	30.88 -0.25 0.00	33.58 -0.37 0.00	35.49 -0.39 0.00	38.04 -0.35 0.00	44.77 -0.27 0.00	51.15 -0.15 0.00	61.06 0.24 0.00	65.21 0.84 0.00	63.70 1.06 0.00	56.38 0.78 0.00	51.45 0.86 0.00	41.25 0.57 0.00
CAITHNESS_CC_1 323624	38.40 1.66 0.00	35.07 1.44 0.00	32.40 1.51 0.00	31.37 1.29 0.00	29.97 1.18 0.00	30.47 1.06 0.00	29.06 1.04 0.00	28.29 1.22 0.00	27.31 1.79 0.00	28.05 2.29 0.00	32.50 2.65 -2.02	35.35 2.49 -4.58	35.73 2.71 -1.90	39.61 2.88 -2.77	44.79 3.26 -5.64	48.41 3.76 -6.26	53.57 4.37 -4.16	57.71 5.03 -1.37	66.90 5.23 -0.86	69.83 5.47 0.00	66.45 3.82 0.00	58.59 3.00 0.01	52.00 1.41 0.01	43.28 2.61 0.00
CALPINE BETH_PAGE_GT4 24209	38.62 1.87 0.00	35.34 1.72 0.00	32.50 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.65 1.24 0.00	29.17 1.15 0.00	28.42 1.35 0.00	27.26 1.74 0.00	27.79 2.03 0.00	32.45 2.59 -2.03	35.44 2.57 -4.58	35.89 2.86 -1.90	40.60 3.29 -3.35	55.89 3.52 -16.50	59.49 3.99 -17.11	64.69 4.64 -15.01	61.63 5.34 -4.99	69.57 5.66 -3.11	70.23 5.86 0.00	67.09 4.45 0.00	59.16 3.56 0.00	52.86 2.28 0.01	43.56 2.89 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.62 1.87 0.00	35.31 1.68 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.59 1.18 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.26 1.74 0.00	27.89 2.14 0.00	32.45 2.59 -2.03	35.44 2.57 -4.58	35.86 2.83 -1.90	40.46 3.16 -3.35	55.90 3.52 -16.50	59.49 3.99 -17.11	64.69 4.64 -15.01	61.48 5.18 -4.99	69.63 5.71 -3.11	70.49 6.12 0.00	67.27 4.64 0.00	59.16 3.56 0.00	52.86 2.28 0.01	43.56 2.89 0.00
CALPINE_BP_GT1 23823	38.62 1.87 0.00	35.31 1.68 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.59 1.18 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.26 1.74 0.00	27.89 2.14 0.00	32.45 2.59 -2.03	35.44 2.57 -4.58	35.86 2.83 -1.90	40.46 3.16 -3.35	55.90 3.52 -16.50	59.49 3.99 -17.11	64.69 4.64 -15.01	61.48 5.18 -4.99	69.63 5.71 -3.11	70.49 6.12 0.00	67.27 4.64 0.00	59.16 3.56 0.00	52.86 2.28 0.01	43.56 2.89 0.00
CALSPAN___DRP 24200	34.10 -2.65 0.00	30.57 -3.06 0.00	28.11 -2.78 0.00	27.10 -2.98 0.00	25.94 -2.85 0.00	26.65 -2.76 0.00	25.67 -2.35 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.03 0.00	25.52 -2.31 0.00	25.88 -2.40 0.00	28.42 -2.71 0.00	30.30 -3.63 0.02	32.02 -3.84 0.02	34.26 -4.11 0.02	38.33 -4.64 2.07	43.54 -5.59 2.17	50.77 -6.02 4.02	54.68 -6.12 3.57	53.21 -5.76 3.66	47.38 -5.12 3.11	45.05 -4.00 1.54	36.62 -3.54 0.52

CALVERTON___SOLAR 323806	38.47 1.73 0.00	35.11 1.48 0.00	32.49 1.61 0.00	31.43 1.35 0.00	30.03 1.24 0.00	30.53 1.12 0.00	29.12 1.09 0.00	28.34 1.27 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.64 2.78 -2.02	35.44 2.57 -4.58	35.83 2.80 -1.90	39.65 2.92 -2.77	44.85 3.30 -5.67	48.47 3.80 -6.28	53.68 4.46 -4.18	57.87 5.18 -1.38	67.15 5.48 -0.86	69.96 5.60 0.00	66.58 3.95 0.00	58.65 3.06 0.01	52.05 1.47 0.01	43.36 2.68 0.00
CANDIGU_WT_PWR 323617	35.64 -1.10 0.00	32.28 -1.35 0.00	29.59 -1.30 0.00	28.67 -1.41 0.00	27.41 -1.38 0.00	28.12 -1.29 0.00	26.71 -1.32 0.00	25.72 -1.35 0.00	24.04 -1.48 0.00	24.42 -1.34 0.00	26.30 -1.53 0.00	26.73 -1.56 0.00	29.48 -1.65 0.00	31.74 -2.11 0.11	33.44 -2.33 0.11	35.82 -2.46 0.11	37.69 -2.61 4.74	47.20 -2.72 1.38	48.95 -2.74 9.13	53.79 -2.58 8.00	52.24 -2.19 8.21	46.94 -2.00 6.66	48.16 -1.42 1.02	38.83 -1.50 0.34
CARR STREET_E_SYR 24060	36.23 -0.51 0.00	33.06 -0.57 0.00	30.33 -0.56 0.00	29.51 -0.57 0.00	28.27 -0.52 0.00	28.91 -0.50 0.00	27.49 -0.53 0.00	26.53 -0.54 0.00	24.96 -0.56 0.00	25.24 -0.51 0.00	27.22 -0.61 0.00	27.72 -0.57 0.00	30.57 -0.56 0.00	33.28 -0.68 0.00	35.02 -0.86 0.00	37.39 -1.00 0.00	43.30 -1.17 0.57	49.13 -1.28 0.89	58.36 -1.34 1.11	62.08 -1.29 1.00	60.49 -1.13 1.03	53.76 -0.95 0.89	49.05 -0.81 0.73	39.66 -0.77 0.24
CARTHAGE___PAPER 23857	37.00 0.26 0.00	33.90 0.27 0.00	31.17 0.28 0.00	30.38 0.30 0.00	29.08 0.29 0.00	29.74 0.32 0.00	28.14 0.11 0.00	27.04 -0.03 0.00	25.30 -0.23 0.00	25.45 -0.31 0.00	27.33 -0.50 0.00	27.78 -0.51 0.00	30.60 -0.53 0.00	33.21 -0.75 0.00	35.06 -0.82 0.00	37.66 -0.73 0.00	44.41 -0.63 0.00	50.74 -0.56 0.00	60.93 0.12 0.00	65.46 1.09 0.00	64.08 1.44 0.00	56.65 1.05 0.00	51.70 1.11 0.00	41.37 0.69 0.00
CASSADAGA_WT_PWR 323784	34.61 -2.13 0.00	31.10 -2.52 0.00	28.54 -2.35 0.00	27.61 -2.47 0.00	26.37 -2.42 0.00	27.18 -2.24 0.00	25.81 -2.21 0.00	25.09 -1.97 0.00	23.58 -1.94 0.00	24.06 -1.70 0.00	25.91 -1.92 0.00	26.36 -1.92 0.00	28.95 -2.18 0.00	31.08 -2.85 0.02	32.67 -3.19 0.02	35.06 -3.30 0.02	39.63 -3.42 1.98	45.41 -3.80 2.10	52.78 -4.20 3.84	56.52 -4.44 3.41	55.13 -4.01 3.50	48.74 -3.89 2.97	46.12 -2.98 1.49	37.33 -2.85 0.50
CE_DUNWOOD___DRP 24194	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.90 1.38 0.00	27.20 1.44 0.00	29.59 1.75 0.00	30.01 1.73 0.00	33.09 1.96 0.00	36.26 2.31 0.00	38.43 2.55 0.00	41.38 2.99 0.00	48.73 3.69 0.00	55.51 4.21 0.01	65.56 4.74 0.00	68.94 4.57 0.00	66.65 4.01 0.00	58.71 3.11 0.00	53.27 2.68 0.00	42.91 2.24 0.00
CE_MILLWOOD___DRP 24193	38.14 1.40 0.00	35.04 1.41 0.00	32.19 1.30 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.56 1.15 0.00	29.12 1.09 0.00	28.26 1.19 0.00	26.83 1.30 0.00	27.15 1.39 0.00	29.50 1.67 0.00	29.93 1.64 0.00	32.99 1.87 0.00	36.16 2.21 0.00	38.32 2.44 0.00	41.27 2.88 0.00	48.60 3.56 0.00	55.35 4.05 0.01	65.43 4.62 0.00	68.75 4.38 0.00	66.52 3.88 0.00	58.60 3.00 0.00	53.17 2.58 0.00	42.79 2.12 0.00
CE_NYC2_DRP 24202	38.47 1.73 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.30 1.50 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.57 2.61 0.00	38.75 2.87 0.00	41.73 3.34 0.00	53.44 4.19 -4.21	57.25 4.67 -1.28	66.10 5.29 0.00	69.39 5.02 0.00	67.02 4.38 0.00	58.88 3.28 0.00	53.67 3.09 0.00	43.28 2.60 0.00
CE_NYC_DRP 24195	38.40 1.65 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.55 1.47 0.00	30.17 1.38 0.00	30.77 1.35 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.35 2.06 0.00	33.43 2.30 0.00	36.64 2.68 0.00	38.82 2.94 0.00	41.80 3.42 0.00	53.42 4.23 -4.15	57.39 4.82 -1.26	66.29 5.47 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	53.73 3.14 0.00	43.28 2.60 0.00
CHAFFEE___LFGE 323603	34.21 -2.53 0.00	30.70 -2.93 0.00	28.20 -2.69 0.00	27.25 -2.83 0.00	26.03 -2.76 0.00	26.80 -2.62 0.00	25.47 -2.55 0.00	24.74 -2.33 0.00	23.28 -2.25 0.00	23.75 -2.01 0.00	25.60 -2.23 0.00	26.00 -2.29 0.00	28.60 -2.52 0.00	30.70 -3.23 0.02	32.16 -3.70 0.02	34.45 -3.92 0.02	38.72 -4.32 2.00	44.35 -4.82 2.13	51.40 -5.53 3.88	55.07 -5.86 3.45	53.65 -5.45 3.53	47.65 -4.95 3.00	45.23 -3.85 1.51	36.71 -3.46 0.51
CHATEAUG_35_KV_LOAD 355732	36.93 0.18 0.00	33.73 0.10 0.00	30.95 0.06 0.00	30.17 0.09 0.00	28.88 0.09 0.00	29.53 0.12 0.00	28.16 0.14 0.00	27.18 0.11 0.00	25.60 0.08 0.00	25.88 0.13 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.13 0.00 0.00	34.02 0.07 0.00	35.92 0.04 0.00	38.35 -0.04 0.00	45.04 0.00 0.00	51.31 0.00 0.00	60.81 0.00 0.00	64.63 0.26 0.00	62.70 0.06 0.00	55.60 0.00 0.00	50.69 0.10 0.00	40.88 0.20 0.00
CHATEAUG_WT_PWR 323614	36.86 0.11 0.00	33.66 0.03 0.00	30.89 0.00 0.00	30.11 0.03 0.00	28.82 0.03 0.00	29.47 0.06 0.00	28.11 0.08 0.00	27.15 0.08 0.00	25.60 0.08 0.00	25.86 0.10 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.06 0.10 0.00	35.95 0.07 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.26 -0.05 0.00	60.75 -0.06 0.00	64.43 0.06 0.00	62.57 -0.06 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.80 0.12 0.00
CHAT_HIGH_FALL_HYD 323578	36.93 0.18 0.00	33.73 0.10 0.00	30.95 0.06 0.00	30.17 0.09 0.00	28.88 0.09 0.00	29.53 0.12 0.00	28.16 0.14 0.00	27.18 0.11 0.00	25.60 0.08 0.00	25.88 0.13 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.13 0.00 0.00	34.02 0.07 0.00	35.92 0.04 0.00	38.35 -0.04 0.00	45.04 0.00 0.00	51.31 0.00 0.00	60.81 0.00 0.00	64.63 0.26 0.00	62.70 0.06 0.00	55.60 0.00 0.00	50.69 0.10 0.00	40.88 0.20 0.00
CHAUTAUQUA___LFGE 323629	34.50 -2.24 0.00	30.97 -2.66 0.00	28.45 -2.44 0.00	27.49 -2.59 0.00	26.29 -2.51 0.00	27.03 -2.38 0.00	25.73 -2.30 0.00	25.01 -2.06 0.00	23.51 -2.02 0.00	24.00 -1.75 0.00	25.86 -1.98 0.00	26.25 -2.04 0.00	28.85 -2.27 0.00	30.98 -2.95 0.02	32.45 -3.41 0.02	34.79 -3.57 0.02	39.09 -3.92 2.03	44.87 -4.31 2.13	51.95 -4.92 3.94	55.78 -5.09 3.50	54.42 -4.63 3.59	48.33 -4.23 3.04	45.90 -3.19 1.51	37.16 -3.01 0.51
CHERRYST_13_KV_LD 356241	38.51 1.76 0.00	35.34 1.72 0.00	32.47 1.58 0.00	31.64 1.56 0.00	30.23 1.44 0.00	30.82 1.41 0.00	29.40 1.37 0.00	28.58 1.52 0.00	27.18 1.66 0.00	27.53 1.78 0.00	30.00 2.17 0.00	30.44 2.15 0.00	33.52 2.40 0.00	36.74 2.78 0.00	38.93 3.05 0.00	41.96 3.57 0.00	53.60 4.41 -4.15	57.59 5.03 -1.26	66.53 5.72 0.00	69.91 5.54 0.00	67.46 4.82 0.00	59.27 3.67 0.00	53.88 3.29 0.00	43.40 2.73 0.00

CHESTROR_138KV_BK263 355645	37.85 1.10 0.00	34.77 1.14 0.00	31.94 1.05 0.00	31.10 1.02 0.00	29.74 0.95 0.00	30.32 0.91 0.00	28.86 0.84 0.00	27.99 0.92 0.00	26.55 1.02 0.00	26.84 1.08 0.00	29.11 1.28 0.00	29.53 1.24 0.00	32.56 1.43 0.00	35.69 1.73 0.00	37.82 1.94 0.00	40.69 2.30 0.00	47.92 2.88 0.00	54.58 3.28 0.01	64.64 3.83 0.00	68.04 3.67 0.00	65.89 3.26 0.00	58.10 2.50 0.00	52.71 2.12 0.00	42.38 1.71 0.00
CH_MIDHUDSON___DRP 24192	38.10 1.36 0.00	35.01 1.38 0.00	32.19 1.30 0.00	31.37 1.29 0.00	30.00 1.21 0.00	30.59 1.18 0.00	29.09 1.06 0.00	28.18 1.11 0.00	26.73 1.20 0.00	26.99 1.24 0.00	29.33 1.50 0.00	29.76 1.47 0.00	32.81 1.68 0.00	35.99 2.04 0.00	38.11 2.22 0.00	41.04 2.65 0.00	48.33 3.29 0.00	55.05 3.75 0.01	65.25 4.44 0.00	68.62 4.25 0.00	66.39 3.76 0.00	58.54 2.95 0.00	53.12 2.53 0.00	42.71 2.03 0.00
CH_MISC_IPPS 23765	38.29 1.54 0.00	35.18 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.12 1.33 0.00	30.68 1.26 0.00	29.23 1.20 0.00	28.26 1.19 0.00	26.80 1.28 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.87 1.74 0.00	35.96 2.00 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.56 3.52 0.00	55.45 4.15 0.01	65.68 4.87 0.00	69.20 4.83 0.00	66.90 4.26 0.00	58.93 3.34 0.00	53.42 2.83 0.00	42.91 2.24 0.00
CH_RES_BVR_FALLS 23983	36.67 -0.07 0.00	33.56 -0.07 0.00	30.83 -0.06 0.00	30.02 -0.06 0.00	28.73 -0.06 0.00	29.35 -0.06 0.00	28.00 -0.03 0.00	27.04 -0.03 0.00	25.50 -0.03 0.00	25.73 -0.03 0.00	27.78 -0.06 0.00	28.23 -0.06 0.00	31.06 -0.06 0.00	33.89 -0.07 0.00	35.81 -0.07 0.00	38.27 -0.11 0.00	44.91 -0.13 0.00	51.15 -0.15 0.00	60.63 -0.18 0.00	64.24 -0.13 0.00	62.45 -0.19 0.00	55.43 -0.17 0.00	50.49 -0.10 0.00	40.64 -0.04 0.00
CH_RES_NIAGARA 23895	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
CH_RES_SYRACUSE 23985	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.34 0.00	29.09 -0.32 0.00	27.66 -0.37 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.72 -0.41 0.00	33.45 -0.51 0.00	35.24 -0.64 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.33 -0.98 0.00	59.84 -0.98 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
CLINTON_WT_PWR 323605	36.86 0.11 0.00	33.66 0.03 0.00	30.89 0.00 0.00	30.11 0.03 0.00	28.82 0.03 0.00	29.47 0.06 0.00	28.11 0.08 0.00	27.15 0.08 0.00	25.60 0.08 0.00	25.86 0.10 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.06 0.10 0.00	35.95 0.07 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.26 -0.05 0.00	60.75 -0.06 0.00	64.43 0.06 0.00	62.57 -0.06 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.80 0.12 0.00
CLINTON___LFGE 323618	37.33 0.59 0.00	34.13 0.51 0.00	31.29 0.40 0.00	30.50 0.42 0.00	29.20 0.40 0.00	29.88 0.47 0.00	28.47 0.45 0.00	27.48 0.41 0.00	25.88 0.36 0.00	26.17 0.41 0.00	28.22 0.39 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.46 0.51 0.00	36.35 0.47 0.00	38.85 0.46 0.00	45.54 0.50 0.00	51.93 0.62 0.00	61.60 0.79 0.00	65.40 1.03 0.00	63.51 0.88 0.00	56.21 0.61 0.00	51.30 0.71 0.00	41.37 0.69 0.00
COBBLENY_34_KV_TB1 80064	34.21 -2.54 0.00	30.67 -2.96 0.00	28.20 -2.69 0.00	27.22 -2.86 0.00	26.03 -2.76 0.00	26.74 -2.68 0.00	25.73 -2.30 0.00	24.74 -2.33 0.00	23.28 -2.25 0.00	23.77 -1.98 0.00	25.61 -2.23 0.00	25.97 -2.32 0.00	28.51 -2.61 0.00	30.47 -3.46 0.02	32.16 -3.70 0.02	34.45 -3.92 0.02	38.72 -4.32 2.00	43.79 -5.39 2.13	51.34 -5.59 3.88	55.13 -5.79 3.45	53.72 -5.39 3.53	47.65 -4.95 3.00	45.19 -3.90 1.51	36.71 -3.46 0.51
COFFEEN___115KV_TB3 355620	37.37 0.62 0.00	34.20 0.57 0.00	31.41 0.53 0.00	30.62 0.54 0.00	29.28 0.49 0.00	29.94 0.53 0.00	28.33 0.31 0.00	27.12 0.05 0.00	25.30 -0.23 0.00	25.47 -0.28 0.00	27.30 -0.53 0.00	27.83 -0.45 0.00	30.69 -0.44 0.00	33.17 -0.78 0.00	35.06 -0.83 0.00	37.70 -0.69 0.00	44.54 -0.50 0.00	50.95 -0.36 0.00	61.36 0.55 0.00	66.17 1.80 0.00	64.89 2.25 0.00	57.27 1.67 0.00	52.21 1.62 0.00	41.69 1.02 0.00
COLDSPRG_115KV_BK1 355956	34.76 -1.98 0.00	31.27 -2.35 0.00	28.70 -2.19 0.00	27.70 -2.38 0.00	26.46 -2.33 0.00	27.24 -2.18 0.00	26.12 -1.91 0.00	25.15 -1.92 0.00	23.64 -1.89 0.00	24.11 -1.65 0.00	26.00 -1.84 0.00	26.42 -1.87 0.00	28.98 -2.15 0.00	31.42 -2.51 0.02	33.03 -2.83 0.02	35.37 -2.99 0.02	40.39 -2.75 1.90	44.79 -4.46 2.06	53.60 -3.53 3.69	56.97 -4.12 3.28	55.52 -3.76 3.36	48.57 -4.17 2.85	45.69 -3.44 1.46	37.01 -3.17 0.49
COLONIE_LFGE___ 323577	37.59 0.85 0.00	34.60 0.98 0.00	31.88 0.99 0.00	31.10 1.02 0.00	29.83 1.04 0.00	30.44 1.03 0.00	28.86 0.84 0.00	27.72 0.65 0.00	26.11 0.59 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.65 0.53 0.00	34.63 0.68 0.00	36.74 0.86 0.00	39.43 1.04 0.00	46.26 1.22 0.00	52.44 1.13 0.00	62.27 1.46 0.00	65.66 1.29 0.00	64.14 1.50 0.00	57.15 1.55 0.00	51.65 1.06 0.00	41.53 0.86 0.00
COOPERNY_115KV_TB1 80082	37.59 0.85 0.00	34.50 0.87 0.00	31.69 0.80 0.00	30.86 0.78 0.00	29.51 0.72 0.00	30.12 0.71 0.00	28.64 0.62 0.00	27.75 0.68 0.00	26.32 0.79 0.00	26.58 0.82 0.00	28.81 0.97 0.00	29.25 0.96 0.00	32.22 1.09 0.00	35.28 1.32 0.00	37.35 1.47 0.00	40.15 1.77 0.00	47.20 2.16 0.00	53.76 2.46 0.01	63.73 2.92 0.00	67.14 2.77 0.00	65.08 2.44 0.00	57.49 1.89 0.00	52.21 1.62 0.00	41.94 1.26 0.00
COPENHAGEN_WT_PWR 323753	37.11 0.37 0.00	33.96 0.34 0.00	31.23 0.34 0.00	30.41 0.33 0.00	29.08 0.29 0.00	29.74 0.32 0.00	28.14 0.11 0.00	27.01 -0.05 0.00	25.22 -0.31 0.00	25.40 -0.36 0.00	27.30 -0.53 0.00	27.78 -0.51 0.00	30.63 -0.50 0.00	33.17 -0.78 0.00	35.02 -0.86 0.00	37.62 -0.77 0.00	44.37 -0.67 0.00	50.69 -0.61 0.00	60.99 0.18 0.00	65.59 1.22 0.00	64.14 1.50 0.00	56.77 1.17 0.00	51.75 1.16 0.00	41.37 0.69 0.00
CORNELL_____ 23752	37.04 0.29 0.00	33.76 0.13 0.00	30.95 0.06 0.00	30.08 0.00 0.00	28.79 0.00 0.00	29.47 0.06 0.00	28.05 0.03 0.00	26.96 -0.11 0.00	25.27 -0.26 0.00	25.52 -0.23 0.00	27.47 -0.36 0.00	27.95 -0.34 0.00	30.78 -0.34 0.00	33.49 -0.48 -0.01	35.39 -0.50 -0.01	37.86 -0.54 -0.01	44.57 -0.45 0.02	50.39 -0.36 0.56	60.89 0.12 0.04	64.70 0.39 0.06	63.21 0.63 0.06	56.01 0.50 0.09	50.67 0.51 0.43	40.74 0.20 0.14

CORONA__69_KV_TB1 355595	38.58 1.84 0.00	35.31 1.68 0.00	32.43 1.54 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.40 1.33 0.00	27.18 1.66 0.00	27.66 1.91 0.00	32.28 2.42 -2.03	35.27 2.40 -4.58	35.73 2.71 -1.90	42.87 3.09 -5.82	102.26 3.44 -62.93	105.89 3.95 -63.55	111.35 4.86 -61.45	77.26 5.49 -20.46	79.57 6.02 -12.74	70.72 6.31 -0.04	67.68 5.01 -0.04	59.64 4.00 -0.04	53.16 2.58 0.01	43.44 2.77 0.00
CORTLAND__115KV_TB3 80093	36.78 0.04 0.00	33.59 -0.03 0.00	30.80 -0.09 0.00	29.96 -0.12 0.00	28.68 -0.12 0.00	29.32 -0.09 0.00	27.91 -0.11 0.00	26.88 -0.19 0.00	25.24 -0.28 0.00	25.50 -0.26 0.00	27.50 -0.33 0.00	27.98 -0.31 0.00	30.82 -0.31 0.00	33.52 -0.44 0.00	35.42 -0.47 0.00	37.89 -0.50 0.00	44.34 -0.50 0.20	50.35 -0.46 0.50	60.17 -0.24 0.40	63.94 -0.06 0.36	62.39 0.13 0.37	55.32 0.06 0.34	50.30 0.10 0.39	40.46 -0.08 0.13
COXSACKIE__GT 23611	38.36 1.61 0.00	35.24 1.61 0.00	32.53 1.64 0.00	31.67 1.59 0.00	30.35 1.55 0.00	30.97 1.56 0.00	29.29 1.26 0.00	27.93 0.87 0.00	26.06 0.54 0.00	26.04 0.28 0.00	28.14 0.31 0.00	28.57 0.28 0.00	31.50 0.37 0.00	34.50 0.54 0.00	36.71 0.83 0.00	39.50 1.11 0.00	46.52 1.48 0.00	53.31 2.00 0.00	64.03 3.22 0.00	67.84 3.47 0.00	66.08 3.44 0.00	58.60 3.00 0.00	52.87 2.28 0.00	42.42 1.75 0.00
CPV_VALLEY__CC1 323721	37.63 0.88 0.00	34.54 0.91 0.00	31.72 0.83 0.00	30.89 0.81 0.00	29.54 0.75 0.00	30.15 0.74 0.00	28.70 0.67 0.00	27.80 0.73 0.00	26.39 0.87 0.00	26.68 0.93 0.00	28.92 1.08 0.00	29.36 1.07 0.00	32.34 1.21 0.00	35.31 1.36 0.00	37.53 1.65 0.00	40.38 1.99 0.00	47.52 2.48 0.00	54.17 2.87 0.01	64.03 3.22 0.00	67.46 3.09 0.00	65.33 2.69 0.00	57.60 2.00 0.00	52.26 1.67 0.00	42.06 1.38 0.00
CPV_VALLEY__CC2 323722	37.63 0.88 0.00	34.54 0.91 0.00	31.72 0.83 0.00	30.89 0.81 0.00	29.54 0.75 0.00	30.15 0.74 0.00	28.70 0.67 0.00	27.80 0.73 0.00	26.39 0.87 0.00	26.68 0.93 0.00	28.92 1.08 0.00	29.36 1.07 0.00	32.34 1.21 0.00	35.31 1.36 0.00	37.53 1.65 0.00	40.38 1.99 0.00	47.52 2.48 0.00	54.17 2.87 0.01	64.03 3.22 0.00	67.46 3.09 0.00	65.33 2.69 0.00	57.60 2.00 0.00	52.26 1.67 0.00	42.06 1.38 0.00
CRESCENT__HYD 24018	37.59 0.85 0.00	34.60 0.98 0.00	31.88 0.99 0.00	31.10 1.02 0.00	29.83 1.04 0.00	30.44 1.03 0.00	28.86 0.84 0.00	27.72 0.65 0.00	26.11 0.59 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.65 0.53 0.00	34.63 0.68 0.00	36.74 0.86 0.00	39.43 1.04 0.00	46.26 1.22 0.00	52.44 1.13 0.00	62.27 1.46 0.00	65.66 1.29 0.00	64.14 1.50 0.00	57.15 1.55 0.00	51.65 1.06 0.00	41.53 0.86 0.00
CRICKET__VALLEY_CC1 323756	37.70 0.95 0.00	34.64 1.01 0.00	31.91 1.02 0.00	31.10 1.02 0.00	29.74 0.95 0.00	30.33 0.91 0.00	28.89 0.87 0.00	27.96 0.89 0.00	26.55 1.02 0.00	26.81 1.06 0.00	29.14 1.31 0.00	29.59 1.30 0.00	32.53 1.40 0.00	35.55 1.60 0.00	37.82 1.94 0.00	40.73 2.34 0.00	47.93 2.89 0.00	54.48 3.18 0.01	64.34 3.53 0.00	67.65 3.28 0.00	65.52 2.88 0.00	57.82 2.23 0.00	52.41 1.82 0.00	42.22 1.55 0.00
CRICKET__VALLEY_CC2 323757	37.70 0.95 0.00	34.64 1.01 0.00	31.91 1.02 0.00	31.10 1.02 0.00	29.74 0.95 0.00	30.33 0.91 0.00	28.89 0.87 0.00	27.96 0.89 0.00	26.55 1.02 0.00	26.81 1.06 0.00	29.14 1.31 0.00	29.59 1.30 0.00	32.53 1.40 0.00	35.55 1.60 0.00	37.82 1.94 0.00	40.73 2.34 0.00	47.93 2.89 0.00	54.48 3.18 0.01	64.34 3.53 0.00	67.65 3.28 0.00	65.52 2.88 0.00	57.82 2.23 0.00	52.41 1.82 0.00	42.22 1.55 0.00
CRICKET__VALLEY_CC3 323758	37.70 0.95 0.00	34.64 1.01 0.00	31.91 1.02 0.00	31.10 1.02 0.00	29.74 0.95 0.00	30.33 0.91 0.00	28.89 0.87 0.00	27.96 0.89 0.00	26.55 1.02 0.00	26.81 1.06 0.00	29.14 1.31 0.00	29.59 1.30 0.00	32.53 1.40 0.00	35.55 1.60 0.00	37.82 1.94 0.00	40.73 2.34 0.00	47.93 2.89 0.00	54.48 3.18 0.01	64.34 3.53 0.00	67.65 3.28 0.00	65.52 2.88 0.00	57.82 2.23 0.00	52.41 1.82 0.00	42.22 1.55 0.00
CRUCIBLE__METL_DRP 24180	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.35 0.00	29.09 -0.32 0.00	27.69 -0.34 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.24 -0.65 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.38 -0.92 0.00	59.84 -0.97 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
DAHOWA__HYDRO 323763	38.51 1.76 0.00	35.34 1.71 0.00	32.53 1.64 0.00	31.70 1.62 0.00	30.40 1.61 0.00	31.06 1.65 0.00	29.40 1.37 0.00	28.07 1.00 0.00	26.29 0.77 0.00	26.35 0.59 0.00	28.36 0.53 0.00	28.80 0.51 0.00	31.62 0.50 0.00	34.50 0.54 0.00	36.67 0.79 0.00	39.43 1.04 0.00	46.66 1.62 0.00	53.05 1.75 0.00	63.61 2.80 0.00	67.40 3.03 0.00	66.02 3.38 0.00	58.77 3.17 0.00	53.02 2.43 0.00	42.55 1.87 0.00
DANC__LFGE 323619	36.71 -0.04 0.00	33.56 -0.07 0.00	30.83 -0.06 0.00	30.02 -0.06 0.00	28.73 -0.06 0.00	29.38 -0.03 0.00	27.83 -0.19 0.00	26.75 -0.32 0.00	25.07 -0.46 0.00	25.27 -0.49 0.00	27.19 -0.64 0.00	27.66 -0.62 0.00	30.47 -0.66 0.00	33.11 -0.85 0.00	34.92 -0.97 0.00	37.39 -1.00 0.00	44.28 -1.03 -0.27	50.66 -1.08 -0.43	60.74 -0.61 -0.53	64.91 0.06 -0.48	63.44 0.31 -0.49	56.19 0.17 -0.43	51.19 0.25 -0.35	40.83 0.04 -0.12
DANSKAMMER__1 23586	38.29 1.54 0.00	35.18 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.12 1.33 0.00	30.68 1.26 0.00	29.23 1.20 0.00	28.26 1.19 0.00	26.80 1.28 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.87 1.74 0.00	35.96 2.00 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.56 3.52 0.00	55.45 4.15 0.01	65.68 4.87 0.00	69.20 4.83 0.00	66.90 4.26 0.00	58.93 3.34 0.00	53.42 2.83 0.00	42.91 2.24 0.00
DANSKAMMER__2 23589	38.29 1.54 0.00	35.18 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.12 1.33 0.00	30.68 1.26 0.00	29.23 1.20 0.00	28.26 1.19 0.00	26.80 1.28 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.87 1.74 0.00	35.96 2.00 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.56 3.52 0.00	55.45 4.15 0.01	65.68 4.87 0.00	69.20 4.83 0.00	66.90 4.26 0.00	58.93 3.34 0.00	53.42 2.83 0.00	42.91 2.24 0.00
DANSKAMMER__3 23590	38.29 1.54 0.00	35.18 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.12 1.33 0.00	30.68 1.26 0.00	29.23 1.20 0.00	28.26 1.19 0.00	26.80 1.28 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.87 1.74 0.00	35.96 2.00 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.56 3.52 0.00	55.45 4.15 0.01	65.68 4.87 0.00	69.20 4.83 0.00	66.90 4.26 0.00	58.93 3.34 0.00	53.42 2.83 0.00	42.91 2.24 0.00

DANSKAMMER___4 23591	38.29 1.54 0.00	35.18 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.12 1.33 0.00	30.68 1.26 0.00	29.23 1.20 0.00	28.26 1.19 0.00	26.80 1.28 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.87 1.74 0.00	35.96 2.00 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.56 3.52 0.00	55.45 4.15 0.01	65.68 4.87 0.00	69.20 4.83 0.00	66.90 4.26 0.00	58.93 3.34 0.00	53.42 2.83 0.00	42.91 2.24 0.00
DANSKAMMER___DIESEL 23592	38.29 1.54 0.00	35.17 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.12 1.32 0.00	30.71 1.29 0.00	29.20 1.18 0.00	28.26 1.19 0.00	26.80 1.28 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.90 1.77 0.00	36.09 2.14 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.55 3.51 0.00	55.40 4.10 0.01	65.74 4.93 0.00	69.13 4.76 0.00	66.90 4.26 0.00	58.93 3.34 0.00	53.42 2.83 0.00	42.91 2.24 0.00
DARBY___SOLAR 323810	38.29 1.54 0.00	35.18 1.55 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.26 1.47 0.00	30.91 1.50 0.00	29.26 1.23 0.00	27.96 0.89 0.00	26.24 0.71 0.00	26.30 0.54 0.00	28.30 0.47 0.00	28.74 0.45 0.00	31.56 0.44 0.00	34.46 0.51 0.00	36.64 0.75 0.00	39.35 0.96 0.00	46.52 1.48 0.00	52.85 1.54 0.00	63.31 2.49 0.00	67.07 2.70 0.00	65.58 2.94 0.00	58.38 2.78 0.00	52.71 2.12 0.00	42.30 1.63 0.00
DASHVILLE___HYD 23610	38.21 1.47 0.00	35.11 1.48 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.59 1.18 0.00	29.06 1.04 0.00	28.12 1.06 0.00	26.67 1.15 0.00	26.91 1.16 0.00	29.25 1.42 0.00	29.67 1.39 0.00	32.74 1.62 0.00	35.96 2.00 0.00	38.11 2.22 0.00	41.08 2.69 0.00	48.42 3.38 0.00	55.25 3.95 0.01	65.56 4.74 0.00	68.94 4.57 0.00	66.65 4.01 0.00	58.77 3.17 0.00	53.27 2.68 0.00	42.83 2.16 0.00
DELAWARE___LFGE 323621	37.33 0.59 0.00	34.23 0.61 0.00	31.45 0.56 0.00	30.62 0.54 0.00	29.31 0.52 0.00	29.94 0.53 0.00	28.42 0.39 0.00	27.39 0.32 0.00	25.83 0.31 0.00	26.06 0.31 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.53 0.40 0.00	34.43 0.48 0.00	36.46 0.57 0.00	39.04 0.65 0.00	45.94 0.90 0.00	52.31 1.03 0.03	62.27 1.46 0.00	65.92 1.54 0.00	64.14 1.50 0.00	56.76 1.17 0.00	51.60 1.01 0.00	41.41 0.73 0.00
DERFIELD_115KV_TB7 355931	36.78 0.04 0.00	33.69 0.07 0.00	30.98 0.09 0.00	30.17 0.09 0.00	28.88 0.09 0.00	29.50 0.09 0.00	28.05 0.03 0.00	27.10 0.03 0.00	25.55 0.03 0.00	25.76 0.00 0.00	27.83 0.00 0.00	28.29 0.00 0.00	31.13 0.00 0.00	33.99 0.03 0.00	35.92 0.04 0.00	38.43 0.04 0.00	45.13 0.09 0.00	51.36 0.05 0.00	60.93 0.12 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.71 0.11 0.00	50.64 0.05 0.00	40.72 0.04 0.00
DOGLEVILLE___HYD 23807	36.93 0.18 0.00	33.86 0.24 0.00	31.14 0.25 0.00	30.32 0.24 0.00	28.99 0.20 0.00	29.65 0.24 0.00	28.19 0.17 0.00	27.23 0.16 0.00	25.65 0.13 0.00	25.86 0.10 0.00	27.92 0.08 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.41 0.10 0.00	61.12 0.30 0.00	64.89 0.51 0.00	63.14 0.50 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.12 0.45 0.00
DUNKIRK___115KV_TB_200 55889	34.47 -2.28 0.00	30.94 -2.69 0.00	28.45 -2.44 0.00	27.43 -2.65 0.00	26.26 -2.53 0.00	26.97 -2.44 0.00	25.95 -2.07 0.00	24.98 -2.08 0.00	23.51 -2.02 0.00	24.00 -1.75 0.00	25.83 -2.00 0.00	26.19 -2.09 0.00	28.76 -2.37 0.00	30.74 -3.19 0.02	32.45 -3.41 0.02	34.76 -3.61 0.02	39.04 -3.96 2.04	44.30 -4.87 2.13	51.82 -5.05 3.95	55.78 -5.09 3.51	54.34 -4.70 3.60	48.27 -4.28 3.05	45.74 -3.34 1.51	37.12 -3.05 0.51
DUNKIRK___1 23563	34.47 -2.28 0.00	30.94 -2.69 0.00	28.45 -2.44 0.00	27.43 -2.65 0.00	26.26 -2.53 0.00	26.97 -2.44 0.00	25.95 -2.07 0.00	24.98 -2.08 0.00	23.51 -2.02 0.00	24.00 -1.75 0.00	25.83 -2.00 0.00	26.19 -2.09 0.00	28.76 -2.37 0.00	30.74 -3.19 0.02	32.45 -3.41 0.02	34.76 -3.61 0.02	39.04 -3.96 2.04	44.30 -4.87 2.13	51.82 -5.05 3.95	55.78 -5.09 3.51	54.34 -4.70 3.60	48.27 -4.28 3.05	45.74 -3.34 1.51	37.12 -3.05 0.51
DUNKIRK___2 23564	34.47 -2.28 0.00	30.94 -2.69 0.00	28.45 -2.44 0.00	27.43 -2.65 0.00	26.26 -2.53 0.00	26.97 -2.44 0.00	25.95 -2.07 0.00	24.98 -2.08 0.00	23.51 -2.02 0.00	24.00 -1.75 0.00	25.83 -2.00 0.00	26.19 -2.09 0.00	28.76 -2.37 0.00	30.74 -3.19 0.02	32.45 -3.41 0.02	34.76 -3.61 0.02	39.04 -3.96 2.04	44.30 -4.87 2.13	51.82 -5.05 3.95	55.78 -5.09 3.51	54.34 -4.70 3.60	48.27 -4.28 3.05	45.74 -3.34 1.51	37.12 -3.05 0.51
DUNKIRK___3 23565	34.32 -2.43 0.00	30.80 -2.82 0.00	28.29 -2.59 0.00	27.31 -2.77 0.00	26.14 -2.65 0.00	26.85 -2.56 0.00	25.81 -2.21 0.00	24.88 -2.19 0.00	23.38 -2.14 0.00	23.88 -1.88 0.00	25.72 -2.12 0.00	26.08 -2.21 0.00	28.60 -2.52 0.00	30.60 -3.33 0.02	32.31 -3.55 0.02	34.60 -3.76 0.02	38.79 -4.19 2.06	43.99 -5.18 2.14	51.47 -5.35 3.99	55.36 -5.47 3.54	53.93 -5.07 3.63	47.85 -4.67 3.08	45.38 -3.69 1.51	36.83 -3.34 0.51
DUNKIRK___4 23566	34.32 -2.43 0.00	30.80 -2.82 0.00	28.29 -2.59 0.00	27.31 -2.77 0.00	26.14 -2.65 0.00	26.85 -2.56 0.00	25.81 -2.21 0.00	24.88 -2.19 0.00	23.38 -2.14 0.00	23.88 -1.88 0.00	25.72 -2.12 0.00	26.08 -2.21 0.00	28.60 -2.52 0.00	30.60 -3.33 0.02	32.31 -3.55 0.02	34.60 -3.76 0.02	38.79 -4.19 2.06	43.99 -5.18 2.14	51.47 -5.35 3.99	55.36 -5.47 3.54	53.93 -5.07 3.63	47.85 -4.67 3.08	45.38 -3.69 1.51	36.83 -3.34 0.51
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.29 1.54 0.00	35.14 1.51 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.68 1.26 0.00	29.23 1.21 0.00	28.40 1.33 0.00	26.98 1.45 0.00	27.28 1.52 0.00	29.70 1.86 0.00	30.13 1.84 0.00	33.18 2.05 0.00	36.36 2.41 0.00	38.54 2.66 0.00	41.50 3.11 0.00	48.87 3.83 0.00	55.66 4.36 0.01	65.74 4.93 0.00	69.13 4.76 0.00	66.83 4.20 0.00	58.82 3.22 0.00	53.42 2.83 0.00	42.99 2.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.07 1.32 0.00	34.94 1.31 0.00	32.13 1.24 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.00 0.98 0.00	28.12 1.06 0.00	26.67 1.15 0.00	26.97 1.21 0.00	29.25 1.42 0.00	29.70 1.41 0.00	32.74 1.62 0.00	35.89 1.94 0.00	38.04 2.15 0.00	40.96 2.57 0.00	48.28 3.24 0.00	55.04 3.75 0.01	65.19 4.38 0.00	68.62 4.25 0.00	66.39 3.76 0.00	58.54 2.95 0.00	53.07 2.48 0.00	42.67 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.47 1.73 0.00	35.31 1.68 0.00	32.57 1.67 -0.01	31.71 1.62 -0.01	30.30 1.50 -0.01	30.71 1.29 0.00	29.17 1.15 0.00	28.34 1.27 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.78 1.95 0.00	30.21 1.92 0.00	33.27 2.15 0.00	36.43 2.48 0.00	38.61 2.73 0.00	41.61 3.22 0.00	53.21 3.96 -4.21	55.71 4.41 0.01	65.80 4.99 0.00	69.13 4.76 0.00	66.77 4.13 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00

E179THST_13_KV_LOAD 356214	38.66 1.91 0.00	35.44 1.82 0.00	32.69 1.79 -0.01	31.83 1.74 -0.01	30.41 1.61 -0.01	30.82 1.41 0.00	29.31 1.29 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.40 1.65 0.00	29.92 2.09 0.00	30.35 2.06 0.00	33.43 2.30 0.00	36.60 2.65 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.48 4.23 -4.21	56.02 4.72 0.01	66.16 5.35 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.88 3.28 0.00	53.73 3.14 0.00	43.48 2.81 0.00
EAST HAMPTON___GT 23717	38.87 2.13 0.00	35.37 1.75 0.00	32.74 1.85 0.00	31.70 1.62 0.00	30.29 1.50 0.00	30.80 1.38 0.00	29.42 1.40 0.00	28.72 1.65 0.00	27.95 2.43 0.00	28.85 3.09 0.00	33.34 3.48 -2.02	36.06 3.20 -4.58	36.42 3.39 -1.90	40.09 3.36 -2.77	45.15 3.59 -5.68	48.75 4.07 -6.29	54.06 4.82 -4.19	58.39 5.69 -1.38	67.76 6.08 -0.86	70.41 6.05 0.00	66.76 4.13 0.00	58.82 3.22 0.01	52.05 1.47 0.01	43.36 2.68 0.00
EAST RIVER___6 23660	38.47 1.73 0.00	35.27 1.65 0.00	32.43 1.54 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.40 1.37 0.00	28.58 1.51 0.00	27.18 1.66 0.00	27.53 1.78 0.00	29.98 2.14 0.00	30.44 2.15 0.00	33.49 2.36 0.00	36.60 2.65 0.00	38.97 3.09 0.00	41.96 3.57 0.00	53.65 4.46 -4.15	57.70 5.13 -1.26	66.53 5.71 0.00	69.97 5.60 0.00	67.53 4.89 0.00	59.27 3.67 0.00	53.87 3.29 0.00	43.36 2.68 0.00
EAST RIVER___7 23524	38.47 1.73 0.00	35.27 1.65 0.00	32.43 1.54 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.40 1.37 0.00	28.58 1.51 0.00	27.18 1.66 0.00	27.53 1.78 0.00	29.98 2.14 0.00	30.44 2.15 0.00	33.49 2.36 0.00	36.60 2.65 0.00	38.97 3.09 0.00	41.96 3.57 0.00	53.65 4.46 -4.15	57.70 5.13 -1.26	66.53 5.71 0.00	69.97 5.60 0.00	67.53 4.89 0.00	59.27 3.67 0.00	53.87 3.29 0.00	43.36 2.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.90 1.38 0.00	27.20 1.44 0.00	29.59 1.75 0.00	30.01 1.73 0.00	33.09 1.96 0.00	36.26 2.31 0.00	38.43 2.55 0.00	41.38 2.99 0.00	48.73 3.69 0.00	55.51 4.21 0.01	65.56 4.74 0.00	68.94 4.57 0.00	66.65 4.01 0.00	58.71 3.11 0.00	53.27 2.68 0.00	42.91 2.24 0.00
EAST_HAMPTON___DIESEL 23722	38.84 2.09 0.00	35.34 1.71 0.00	32.71 1.82 0.00	31.67 1.59 0.00	30.26 1.47 0.00	30.77 1.35 0.00	29.40 1.37 0.00	28.72 1.65 0.00	27.92 2.40 0.00	28.82 3.06 0.00	33.31 3.45 -2.02	36.03 3.17 -4.58	36.39 3.36 -1.90	40.06 3.33 -2.77	45.08 3.52 -5.68	48.67 3.99 -6.29	53.96 4.73 -4.19	58.28 5.59 -1.38	67.70 6.02 -0.86	70.35 5.99 0.00	66.64 4.01 0.00	58.70 3.11 0.01	51.95 1.37 0.01	43.32 2.64 0.00
EAST_POINT___SOLAR 323840	38.62 1.87 0.00	35.38 1.75 0.00	32.46 1.57 0.00	31.61 1.53 0.00	30.29 1.50 0.00	30.94 1.53 0.00	28.78 0.76 0.00	26.82 -0.24 0.00	24.89 -0.64 0.00	24.85 -0.90 0.00	26.80 -1.03 0.00	27.18 -1.10 0.00	30.01 -1.12 0.00	32.73 -1.22 0.00	36.60 0.72 0.00	37.47 -0.92 0.00	44.41 -0.63 0.00	51.45 0.15 0.01	63.18 2.37 0.00	68.17 3.80 0.00	66.65 4.01 0.00	59.10 3.50 0.00	53.52 2.93 0.00	42.79 2.11 0.00
EAST_PULASKI___ESR 323781	36.34 -0.40 0.00	33.23 -0.40 0.00	30.49 -0.40 0.00	29.66 -0.42 0.00	28.42 -0.38 0.00	29.06 -0.35 0.00	27.55 -0.48 0.00	26.55 -0.52 0.00	24.94 -0.59 0.00	25.19 -0.57 0.00	27.14 -0.69 0.00	27.61 -0.68 0.00	30.41 -0.71 0.00	33.07 -0.88 0.00	34.88 -1.00 0.00	37.24 -1.15 0.00	44.50 -1.26 -0.72	51.05 -1.38 -1.13	60.94 -1.28 -1.40	64.67 -0.96 -1.26	63.18 -0.75 -1.30	56.00 -0.72 -1.13	50.95 -0.56 -0.92	40.46 -0.53 -0.31
EAST_RIVER___1 323558	38.40 1.66 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.55 1.47 0.00	30.17 1.38 0.00	30.74 1.32 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.89 2.06 0.00	30.35 2.06 0.00	33.40 2.27 0.00	36.50 2.55 0.00	38.83 2.94 0.00	41.80 3.42 0.00	53.42 4.23 -4.15	57.44 4.88 -1.26	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	53.73 3.14 0.00	43.28 2.61 0.00
EAST_RIVER___2 323559	38.47 1.73 0.00	35.27 1.65 0.00	32.43 1.54 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.40 1.37 0.00	28.58 1.51 0.00	27.18 1.66 0.00	27.53 1.78 0.00	29.98 2.14 0.00	30.44 2.15 0.00	33.49 2.36 0.00	36.60 2.65 0.00	38.97 3.09 0.00	41.96 3.57 0.00	53.65 4.46 -4.15	57.70 5.13 -1.26	66.53 5.71 0.00	69.97 5.60 0.00	67.53 4.89 0.00	59.27 3.67 0.00	53.87 3.29 0.00	43.36 2.68 0.00
EAST___DELAWARE_HYD 23607	38.03 1.29 0.00	34.91 1.28 0.00	32.03 1.14 0.00	31.16 1.08 0.00	29.80 1.01 0.00	30.38 0.97 0.00	28.92 0.90 0.00	27.96 0.89 0.00	26.52 0.99 0.00	26.79 1.03 0.00	29.03 1.20 0.00	29.45 1.16 0.00	32.49 1.37 0.00	35.52 1.56 0.00	37.78 1.90 0.00	40.73 2.34 0.00	48.01 2.97 0.00	54.94 3.64 0.01	65.19 4.38 0.00	68.75 4.38 0.00	66.58 3.95 0.00	58.60 3.00 0.00	53.07 2.48 0.00	42.59 1.91 0.00
EIGHT_POINT___WT_PWR 323820	35.68 -1.07 0.00	32.28 -1.35 0.00	29.56 -1.33 0.00	28.61 -1.47 0.00	27.27 -1.53 0.00	28.00 -1.41 0.00	26.60 -1.43 0.00	25.58 -1.49 0.00	23.87 -1.66 0.00	24.24 -1.52 0.00	26.05 -1.78 0.00	26.51 -1.78 0.00	29.26 -1.87 0.00	31.67 -2.38 -0.09	33.32 -2.65 -0.09	35.72 -2.76 -0.09	44.60 -2.88 -2.45	47.16 -2.82 1.33	62.82 -2.67 -4.69	66.10 -2.31 -4.04	65.03 -1.75 -4.15	57.23 -1.56 -3.19	48.63 -0.96 1.00	39.12 -1.22 0.33
ELBRIDGE_115KV_TB2 80188	36.27 -0.48 0.00	33.09 -0.54 0.00	30.36 -0.53 0.00	29.54 -0.54 0.00	28.30 -0.49 0.00	28.91 -0.50 0.00	27.52 -0.50 0.00	26.53 -0.54 0.00	24.96 -0.56 0.00	25.24 -0.52 0.00	27.22 -0.61 0.00	27.69 -0.59 0.00	30.50 -0.62 0.00	33.14 -0.81 0.00	34.99 -0.90 0.00	37.35 -1.04 0.00	43.82 -1.22 0.00	50.08 -1.23 0.00	59.47 -1.34 0.00	63.08 -1.29 0.00	61.57 -1.06 0.00	54.71 -0.89 0.00	49.83 -0.76 0.00	39.94 -0.73 0.00
ELEC_TRO_TEK 24086	38.32 1.58 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.31 1.23 0.00	29.92 1.12 0.00	30.47 1.06 0.00	29.00 0.98 0.00	28.23 1.16 0.00	27.06 1.53 0.00	27.53 1.78 0.00	32.14 2.28 -2.03	35.13 2.26 -4.58	35.54 2.52 -1.90	41.11 2.92 -4.24	72.25 3.23 -33.14	75.87 3.72 -33.75	81.24 4.55 -31.65	66.97 5.13 -10.53	72.90 5.53 -6.56	70.24 5.86 -0.02	67.16 4.51 -0.02	59.17 3.56 -0.01	52.76 2.18 0.01	43.20 2.52 0.00
ELLENBURG_WT_PWR 323604	36.86 0.11 0.00	33.66 0.03 0.00	30.89 0.00 0.00	30.11 0.03 0.00	28.82 0.03 0.00	29.47 0.06 0.00	28.11 0.08 0.00	27.15 0.08 0.00	25.60 0.08 0.00	25.86 0.10 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.06 0.10 0.00	35.95 0.07 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.26 -0.05 0.00	60.75 -0.06 0.00	64.43 0.06 0.00	62.57 -0.06 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.80 0.12 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.92 -2.83 0.00	30.40 -3.23 0.00	27.99 -2.90 0.00	26.98 -3.10 0.00	25.83 -2.97 0.00	26.53 -2.88 0.00	25.56 -2.47 0.00	24.58 -2.49 0.00	23.15 -2.37 0.00	23.64 -2.11 0.00	25.44 -2.39 0.00	25.77 -2.52 0.00	28.29 -2.83 0.00	30.06 -3.87 0.03	31.77 -4.09 0.03	34.03 -4.34 0.03	37.89 -5.04 2.11	43.23 -5.85 2.23	50.22 -6.51 4.08	54.24 -6.50 3.63	52.78 -6.14 3.72	47.16 -5.28 3.15	44.87 -4.15 1.57	36.53 -3.62 0.53
EMPIRE_CC_1 323656	37.19 0.44 0.00	34.40 0.77 0.00	31.72 0.83 0.00	30.98 0.90 0.00	29.69 0.89 0.00	30.33 0.91 0.00	28.75 0.73 0.00	27.64 0.57 0.00	26.06 0.54 0.00	26.14 0.39 0.00	28.33 0.50 0.00	28.80 0.51 0.00	31.62 0.50 0.00	34.60 0.64 0.00	36.67 0.79 0.00	39.27 0.88 0.00	45.58 0.54 0.00	51.67 0.36 0.00	61.18 0.37 0.00	64.43 0.06 0.00	62.95 0.31 0.00	56.04 0.44 0.00	50.69 0.10 0.00	40.92 0.25 0.00
EMPIRE_CC_2 323658	37.19 0.44 0.00	34.40 0.77 0.00	31.72 0.83 0.00	30.98 0.90 0.00	29.69 0.89 0.00	30.33 0.91 0.00	28.75 0.73 0.00	27.64 0.57 0.00	26.06 0.54 0.00	26.14 0.39 0.00	28.33 0.50 0.00	28.80 0.51 0.00	31.62 0.50 0.00	34.60 0.64 0.00	36.67 0.79 0.00	39.27 0.88 0.00	45.58 0.54 0.00	51.67 0.36 0.00	61.18 0.37 0.00	64.43 0.06 0.00	62.95 0.31 0.00	56.04 0.44 0.00	50.69 0.10 0.00	40.92 0.25 0.00
ENORWICH_115KV_TB1 80156	38.14 1.40 0.00	34.84 1.21 0.00	31.94 1.05 0.00	31.07 0.99 0.00	29.74 0.95 0.00	30.41 1.00 0.00	28.84 0.81 0.00	27.61 0.54 0.00	25.78 0.26 0.00	25.94 0.18 0.00	27.89 0.06 0.00	28.32 0.03 0.00	31.22 0.09 0.00	33.92 -0.03 0.00	35.92 0.04 0.00	38.55 0.15 0.00	45.45 0.54 0.13	51.87 1.03 0.46	62.81 2.25 0.25	67.22 3.09 0.24	65.78 3.38 0.24	58.03 2.67 0.23	52.67 2.43 0.35	42.19 1.63 0.12
ERIE_ST__34_KV_TB1-2 80199	34.17 -2.57 0.00	30.63 -2.99 0.00	28.17 -2.72 0.00	27.16 -2.92 0.00	26.00 -2.79 0.00	26.71 -2.71 0.00	25.67 -2.35 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.03 0.00	25.55 -2.28 0.00	25.94 -2.35 0.00	28.48 -2.65 0.00	30.77 -3.16 0.02	32.34 -3.52 0.02	34.60 -3.76 0.02	39.30 -3.74 2.00	43.51 -5.64 2.16	51.83 -5.11 3.87	55.14 -5.79 3.44	53.72 -5.39 3.53	47.10 -5.50 3.00	44.51 -4.55 1.53	36.18 -3.99 0.51
ERIE_WT_PWR 323693	34.10 -2.65 0.00	30.60 -3.03 0.00	28.11 -2.78 0.00	27.19 -2.89 0.00	25.97 -2.82 0.00	26.71 -2.71 0.00	25.39 -2.64 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.04 0.00	25.55 -2.28 0.00	25.94 -2.35 0.00	28.54 -2.58 0.00	30.60 -3.33 0.02	31.98 -3.88 0.02	34.26 -4.11 0.02	38.33 -4.64 2.07	44.00 -5.13 2.17	50.83 -5.96 4.02	54.62 -6.18 3.57	53.21 -5.76 3.66	47.38 -5.11 3.11	45.15 -4.55 1.54	36.62 -3.54 0.52
ESPRGFLD_115KV_TB1 80157	37.92 1.18 0.00	34.70 1.08 0.00	31.85 0.96 0.00	30.98 0.90 0.00	29.66 0.86 0.00	30.32 0.91 0.00	28.64 0.62 0.00	27.37 0.30 0.00	25.63 0.10 0.00	25.78 0.03 0.00	27.83 0.00 0.00	28.26 -0.03 0.00	31.16 0.03 0.00	33.99 0.03 0.00	36.31 0.43 0.00	38.62 0.23 0.00	45.63 0.59 0.00	52.27 0.97 0.01	62.88 2.07 0.00	67.07 2.70 0.00	65.39 2.76 0.00	57.88 2.28 0.00	52.56 1.97 0.00	42.06 1.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.97 0.22 0.00	33.73 0.10 0.00	30.92 0.03 0.00	30.05 -0.03 0.00	28.76 -0.03 0.00	29.44 0.03 0.00	28.00 -0.03 0.00	26.93 -0.14 0.00	25.24 -0.28 0.00	25.50 -0.26 0.00	27.47 -0.36 0.00	27.95 -0.34 0.00	30.78 -0.34 0.00	33.49 -0.48 -0.01	35.35 -0.54 -0.01	37.82 -0.58 -0.01	44.50 -0.50 0.05	50.38 -0.41 0.52	60.71 0.00 0.10	64.59 0.32 0.10	63.03 0.50 0.11	55.86 0.39 0.13	50.60 0.40 0.40	40.66 0.12 0.13
ETNA____115KV_TB2 80207	36.97 0.22 0.00	33.73 0.10 0.00	30.92 0.03 0.00	30.05 -0.03 0.00	28.76 -0.03 0.00	29.44 0.03 0.00	28.00 -0.03 0.00	26.93 -0.14 0.00	25.24 -0.28 0.00	25.50 -0.26 0.00	27.47 -0.36 0.00	27.95 -0.34 0.00	30.78 -0.34 0.00	33.49 -0.48 -0.01	35.35 -0.54 -0.01	37.82 -0.58 -0.01	44.50 -0.50 0.05	50.38 -0.41 0.52	60.71 0.00 0.10	64.59 0.32 0.10	63.03 0.50 0.11	55.86 0.39 0.13	50.60 0.40 0.40	40.66 0.12 0.13
EUCLID____115KV_TB2 356179	36.08 -0.66 0.00	32.92 -0.71 0.00	30.24 -0.65 0.00	29.39 -0.69 0.00	28.16 -0.63 0.00	28.80 -0.62 0.00	27.41 -0.62 0.00	26.45 -0.62 0.00	24.89 -0.64 0.00	25.16 -0.59 0.00	27.14 -0.70 0.00	27.64 -0.65 0.00	30.41 -0.72 0.00	33.04 -0.92 0.00	34.91 -0.97 0.00	37.24 -1.15 0.00	42.96 -1.35 0.72	48.74 -1.44 1.13	57.76 -1.64 1.41	61.49 -1.61 1.27	59.89 -1.44 1.30	53.24 -1.22 1.14	48.60 -1.06 0.93	39.43 -0.94 0.31
E_CANADA_CAP_HY 24051	38.29 1.54 0.00	35.07 1.44 0.00	32.22 1.33 0.00	31.34 1.26 0.00	30.03 1.24 0.00	30.68 1.26 0.00	28.84 0.81 0.00	27.31 0.24 0.00	25.47 -0.05 0.00	25.50 -0.26 0.00	27.50 -0.33 0.00	27.92 -0.37 0.00	30.75 -0.37 0.00	33.58 -0.37 0.00	36.28 0.40 0.00	38.31 -0.08 0.00	45.36 0.32 0.00	52.07 0.77 0.01	63.06 2.25 0.00	67.46 3.09 0.00	65.89 3.26 0.00	58.43 2.83 0.00	53.02 2.43 0.00	42.42 1.75 0.00
E_CANADA_MHWK_HY 24050	36.93 0.18 0.00	33.86 0.24 0.00	31.14 0.25 0.00	30.32 0.24 0.00	29.00 0.20 0.00	29.65 0.23 0.00	28.19 0.17 0.00	27.23 0.16 0.00	25.65 0.13 0.00	25.86 0.10 0.00	27.94 0.11 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.41 0.10 0.00	61.12 0.31 0.00	64.88 0.51 0.00	63.14 0.50 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.12 0.45 0.00
E_FISHKILL__LBMP 23776	37.96 1.21 0.00	34.87 1.24 0.00	32.06 1.17 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.00 0.98 0.00	28.12 1.06 0.00	26.70 1.17 0.00	26.99 1.24 0.00	29.33 1.50 0.00	29.76 1.47 0.00	32.78 1.65 0.00	35.92 1.97 0.00	38.07 2.19 0.00	40.96 2.57 0.00	48.24 3.20 0.00	54.89 3.59 0.01	64.89 4.07 0.00	68.23 3.86 0.00	66.08 3.44 0.00	58.27 2.67 0.00	52.87 2.28 0.00	42.55 1.87 0.00
FALCON__SEABRD_CC1 323796	37.26 0.51 0.00	34.06 0.44 0.00	31.23 0.34 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.79 0.38 0.00	28.42 0.39 0.00	27.45 0.38 0.00	25.86 0.33 0.00	26.14 0.39 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.50 0.37 0.00	34.43 0.48 0.00	36.35 0.47 0.00	38.81 0.42 0.00	45.49 0.45 0.00	51.82 0.51 0.00	61.42 0.61 0.00	65.20 0.83 0.00	63.26 0.63 0.00	56.10 0.50 0.00	51.20 0.61 0.00	41.25 0.57 0.00
FALCON__SEABRD_CC2 323797	37.26 0.51 0.00	34.06 0.44 0.00	31.23 0.34 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.79 0.38 0.00	28.42 0.39 0.00	27.45 0.38 0.00	25.86 0.33 0.00	26.14 0.39 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.50 0.37 0.00	34.43 0.48 0.00	36.35 0.47 0.00	38.81 0.42 0.00	45.49 0.45 0.00	51.82 0.51 0.00	61.42 0.61 0.00	65.20 0.83 0.00	63.26 0.63 0.00	56.10 0.50 0.00	51.20 0.61 0.00	41.25 0.57 0.00

FAR ROCKAWAY___4 23548	38.88 2.13 0.00	35.54 1.92 0.00	32.68 1.79 0.00	31.70 1.62 0.00	30.29 1.50 0.00	30.82 1.41 0.00	29.34 1.32 0.00	28.58 1.52 0.00	27.39 1.86 0.00	27.92 2.16 0.00	32.58 2.73 -2.03	35.58 2.72 -4.58	36.07 3.05 -1.90	43.61 3.46 -6.19	109.55 3.84 -69.82	113.21 4.38 -70.44	118.79 5.40 -68.34	80.17 6.11 -22.76	81.73 6.75 -14.17	71.56 7.15 -0.04	68.38 5.70 -0.04	60.20 4.56 -0.04	53.57 2.98 0.01	43.81 3.13 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.40 1.65 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.58 1.50 0.00	30.17 1.38 0.00	30.77 1.35 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.35 2.06 0.00	33.43 2.30 0.00	36.64 2.68 0.00	38.82 2.94 0.00	41.84 3.45 0.00	53.48 4.28 -4.16	57.39 4.82 -1.26	66.29 5.47 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	53.73 3.14 0.00	43.28 2.60 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.44 1.69 0.00	35.28 1.65 0.00	32.40 1.51 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.35 2.06 0.00	33.43 2.30 0.00	36.64 2.68 0.00	38.82 2.94 0.00	41.84 3.45 0.00	53.48 4.28 -4.16	57.39 4.82 -1.26	66.29 5.47 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	53.73 3.14 0.00	43.28 2.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.40 1.65 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.55 1.47 0.00	30.17 1.38 0.00	30.74 1.32 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.43 1.67 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.40 2.27 0.00	36.60 2.65 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.43 4.23 -4.16	57.34 4.77 -1.26	66.22 5.41 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.04 3.45 0.00	53.67 3.09 0.00	43.24 2.56 0.00
FARRAGUT___LBMP 323566	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.43 1.67 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.40 2.27 0.00	36.60 2.65 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.39 4.19 -4.16	57.34 4.77 -1.26	66.22 5.41 0.00	69.58 5.21 0.00	67.15 4.51 0.00	59.04 3.45 0.00	53.67 3.09 0.00	43.20 2.52 0.00
FARRCKWY_69_KV_BK2 55825	38.88 2.13 0.00	35.54 1.92 0.00	32.68 1.79 0.00	31.70 1.62 0.00	30.29 1.50 0.00	30.82 1.41 0.00	29.34 1.32 0.00	28.58 1.52 0.00	27.39 1.86 0.00	27.92 2.16 0.00	32.58 2.73 -2.03	35.58 2.72 -4.58	36.07 3.05 -1.90	43.61 3.46 -6.19	109.55 3.84 -69.82	113.21 4.38 -70.44	118.79 5.40 -68.34	80.17 6.11 -22.76	81.73 6.75 -14.17	71.56 7.15 -0.04	68.38 5.70 -0.04	60.20 4.56 -0.04	53.57 2.98 0.01	43.81 3.13 0.00
FENNER___WINDPWR 24204	37.04 0.29 0.00	33.86 0.24 0.00	31.11 0.22 0.00	30.26 0.18 0.00	28.97 0.17 0.00	29.59 0.18 0.00	28.14 0.11 0.00	27.10 0.03 0.00	25.45 -0.08 0.00	25.68 -0.08 0.00	27.72 -0.11 0.00	28.17 -0.11 0.00	31.03 -0.09 0.00	33.78 -0.17 0.00	35.70 -0.18 0.00	38.20 -0.19 0.00	44.65 -0.09 0.30	50.83 0.00 0.48	60.54 0.31 0.58	64.49 0.64 0.52	62.85 0.75 0.54	55.74 0.61 0.47	50.76 0.56 0.38	40.87 0.32 0.13
FIBERTEK___ENERGY 23856	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.35 0.00	29.09 -0.32 0.00	27.69 -0.34 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.24 -0.65 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.38 -0.92 0.00	59.84 -0.97 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
FITZPATRICK___ 23598	35.64 -1.10 0.00	32.55 -1.08 0.00	29.90 -0.99 0.00	29.09 -0.99 0.00	27.87 -0.92 0.00	28.50 -0.91 0.00	27.10 -0.92 0.00	26.18 -0.89 0.00	24.66 -0.87 0.00	24.91 -0.85 0.00	26.89 -0.95 0.00	27.35 -0.93 0.00	30.10 -1.03 0.00	32.80 -1.15 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	43.15 -1.89 0.00	49.21 -2.11 -0.01	58.38 -2.43 0.00	61.92 -2.45 0.00	60.32 -2.32 0.00	53.60 -2.00 0.00	48.82 -1.77 0.00	39.21 -1.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.26 1.23 0.00	28.31 1.25 0.00	26.83 1.30 0.00	27.10 1.34 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.93 1.81 0.00	36.13 2.17 0.00	38.32 2.44 0.00	41.27 2.88 0.00	48.64 3.60 0.00	55.51 4.21 0.01	65.86 5.05 0.00	69.26 4.89 0.00	67.02 4.38 0.00	59.04 3.45 0.00	53.52 2.93 0.00	42.99 2.32 0.00
FORT ORANGE___ 23900	37.19 0.44 0.00	34.26 0.64 0.00	31.69 0.80 0.00	30.89 0.81 0.00	29.60 0.81 0.00	30.21 0.79 0.00	28.64 0.62 0.00	27.53 0.46 0.00	25.81 0.28 0.00	25.91 0.16 0.00	28.05 0.22 0.00	28.51 0.23 0.00	31.35 0.22 0.00	34.29 0.34 0.00	36.38 0.50 0.00	39.04 0.65 0.00	45.67 0.63 0.00	51.87 0.57 0.00	61.66 0.85 0.00	65.15 0.78 0.00	63.45 0.81 0.00	56.38 0.78 0.00	50.99 0.40 0.00	41.12 0.45 0.00
FORT_DRUM_COGEN 23780	37.19 0.44 0.00	34.06 0.44 0.00	31.29 0.40 0.00	30.50 0.42 0.00	29.17 0.37 0.00	29.82 0.41 0.00	28.22 0.20 0.00	27.07 0.00 0.00	25.27 -0.26 0.00	25.45 -0.31 0.00	27.30 -0.53 0.00	27.81 -0.48 0.00	30.63 -0.50 0.00	33.17 -0.78 0.00	35.06 -0.83 0.00	37.66 -0.73 0.00	44.45 -0.59 0.00	50.85 -0.46 0.00	61.18 0.36 0.00	65.85 1.48 0.00	64.52 1.88 0.00	56.99 1.39 0.00	51.95 1.37 0.00	41.53 0.85 0.00
FOX_HILLS___ESR 323835	38.66 1.91 -0.01	35.48 1.85 -0.01	32.69 1.79 -0.01	31.83 1.74 -0.01	30.44 1.64 -0.01	30.85 1.44 0.00	29.31 1.29 0.00	28.34 1.27 0.00	26.90 1.38 0.00	27.25 1.49 0.00	29.75 1.92 0.00	30.21 1.92 0.00	33.27 2.15 0.00	36.40 2.45 0.00	38.75 2.87 0.00	41.80 3.42 0.00	53.66 4.42 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.53 2.85 -0.01
FPL_FAR_ROCK_GT1 24212	38.88 2.13 0.00	35.55 1.92 0.00	32.68 1.79 0.00	31.67 1.59 0.00	30.29 1.50 0.00	30.80 1.38 0.00	29.37 1.35 0.00	28.58 1.51 0.00	27.39 1.86 0.00	28.00 2.24 0.00	32.59 2.73 -2.03	35.58 2.72 -4.58	36.05 3.02 -1.90	43.47 3.33 -6.19	109.55 3.84 -69.82	113.20 4.37 -70.44	118.78 5.40 -68.34	80.06 6.00 -22.76	81.85 6.87 -14.17	71.75 7.34 -0.04	68.57 5.89 -0.04	60.20 4.56 -0.04	53.57 2.98 0.00	43.81 3.13 0.00
FPL_FAR_ROCK_GT2 23815	38.88 2.13 0.00	35.55 1.92 0.00	32.68 1.79 0.00	31.67 1.59 0.00	30.29 1.50 0.00	30.80 1.38 0.00	29.37 1.35 0.00	28.58 1.51 0.00	27.39 1.86 0.00	28.00 2.24 0.00	32.59 2.73 -2.03	35.58 2.72 -4.58	36.05 3.02 -1.90	43.47 3.33 -6.19	109.55 3.84 -69.82	113.20 4.37 -70.44	118.78 5.40 -68.34	80.06 6.00 -22.76	81.85 6.87 -14.17	71.75 7.34 -0.04	68.57 5.89 -0.04	60.20 4.56 -0.04	53.57 2.98 0.00	43.81 3.13 0.00

FRANKLIN_FALL_HYD 24054	37.11 0.37 0.00	33.90 0.27 0.00	31.08 0.19 0.00	30.32 0.24 0.00	29.02 0.23 0.00	29.68 0.26 0.00	28.28 0.25 0.00	27.31 0.24 0.00	25.73 0.20 0.00	26.01 0.26 0.00	28.00 0.17 0.00	28.43 0.14 0.00	31.28 0.16 0.00	34.16 0.20 0.00	36.06 0.18 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.51 0.21 0.00	61.12 0.30 0.00	64.95 0.58 0.00	63.14 0.50 0.00	55.88 0.28 0.00	50.94 0.35 0.00	41.12 0.45 0.00
FREEPORT_EQUS_GT1 23764	38.66 1.91 0.00	35.34 1.71 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.26 1.74 0.00	27.89 2.14 0.00	32.45 2.59 -2.03	35.44 2.57 -4.58	35.89 2.86 -1.90	41.12 3.16 -4.01	68.43 3.62 -28.92	72.08 4.15 -29.54	77.48 5.00 -27.44	66.03 5.59 -9.13	72.76 6.26 -5.68	71.08 6.69 -0.01	67.91 5.26 -0.01	59.62 4.01 -0.01	53.11 2.53 0.00	43.61 2.93 0.00
FREEPORT___CT2 23818	38.66 1.91 0.00	35.34 1.71 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.26 1.74 0.00	27.89 2.14 0.00	32.45 2.59 -2.03	35.44 2.57 -4.58	35.89 2.86 -1.90	41.12 3.16 -4.01	68.43 3.62 -28.92	72.08 4.15 -29.54	77.48 5.00 -27.44	66.03 5.59 -9.13	72.76 6.26 -5.68	71.08 6.69 -0.01	67.91 5.26 -0.01	59.62 4.01 -0.01	53.11 2.53 0.00	43.61 2.93 0.00
FRESHKLS_33_KV_LOAD 356253	38.77 2.02 -0.01	35.59 1.95 -0.01	32.75 1.85 -0.01	31.92 1.84 -0.01	30.53 1.73 -0.01	30.94 1.53 0.00	29.37 1.35 0.00	28.39 1.33 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.50 2.55 0.00	38.86 2.98 0.00	41.92 3.53 0.00	53.84 4.60 -4.21	57.82 5.24 -1.28	66.65 5.84 0.00	70.10 5.73 0.00	67.65 5.01 0.00	59.32 3.73 0.00	54.24 3.64 -0.01	43.65 2.97 -0.01
FULTON COGEN____ 23766	35.97 -0.77 0.00	32.85 -0.77 0.00	30.15 -0.74 0.00	29.33 -0.75 0.00	28.10 -0.69 0.00	28.71 -0.71 0.00	27.32 -0.70 0.00	26.37 -0.70 0.00	24.81 -0.71 0.00	25.06 -0.70 0.00	27.02 -0.81 0.00	27.52 -0.76 0.00	30.32 -0.81 0.00	32.94 -1.02 0.00	34.77 -1.11 0.00	37.08 -1.31 0.00	44.48 -1.53 -0.97	51.18 -1.64 -1.52	60.88 -1.82 -1.89	64.33 -1.74 -1.70	62.81 -1.57 -1.74	55.73 -1.39 -1.52	50.61 -1.21 -1.24	40.03 -1.06 -0.42
FULTON___LFGE 323630	38.36 1.61 0.00	35.14 1.51 0.00	32.28 1.39 0.00	31.43 1.35 0.00	30.12 1.33 0.00	30.80 1.38 0.00	28.92 0.90 0.00	27.31 0.24 0.00	25.42 -0.10 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.78 -0.51 0.00	30.60 -0.53 0.00	33.41 -0.54 0.00	35.99 0.11 0.00	38.16 -0.23 0.00	45.18 0.14 0.00	51.97 0.67 0.01	63.00 2.19 0.00	67.46 3.09 0.00	66.08 3.44 0.00	58.60 3.00 0.00	53.07 2.48 0.00	42.51 1.83 0.00
G.F.CEMENT___DRP 24184	38.95 2.20 0.00	35.71 2.08 0.00	32.84 1.95 0.00	32.03 1.96 0.00	30.69 1.90 0.00	31.38 1.97 0.00	29.65 1.63 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.44 0.61 0.00	28.88 0.59 0.00	31.72 0.59 0.00	34.67 0.71 0.00	36.74 0.86 0.00	39.50 1.11 0.00	46.98 1.94 0.00	53.41 2.10 0.00	64.52 3.71 0.00	68.49 4.12 0.00	67.02 4.38 0.00	59.60 4.00 0.00	53.73 3.14 0.00	43.04 2.36 0.00
GARDENVILLE___LBMP 24039	34.03 -2.72 0.00	30.50 -3.13 0.00	28.05 -2.84 0.00	27.07 -3.01 0.00	25.91 -2.88 0.00	26.59 -2.82 0.00	25.61 -2.41 0.00	24.63 -2.44 0.00	23.18 -2.35 0.00	23.67 -2.09 0.00	25.49 -2.34 0.00	25.83 -2.46 0.00	28.36 -2.77 0.00	30.19 -3.73 0.03	31.91 -3.95 0.03	34.18 -4.18 0.03	38.10 -4.77 2.17	43.38 -5.75 2.18	50.47 -6.14 4.20	54.39 -6.24 3.73	52.92 -5.89 3.83	47.19 -5.17 3.24	44.95 -4.10 1.54	36.54 -3.62 0.52
GARDNVLA_35_KV_LD 355827	34.14 -2.61 0.00	30.60 -3.03 0.00	28.14 -2.75 0.00	27.16 -2.92 0.00	26.00 -2.79 0.00	26.68 -2.74 0.00	25.70 -2.33 0.00	24.71 -2.35 0.00	23.28 -2.25 0.00	23.75 -2.01 0.00	25.58 -2.25 0.00	25.94 -2.35 0.00	28.48 -2.65 0.00	30.36 -3.57 0.02	32.06 -3.80 0.02	34.33 -4.03 0.02	38.45 -4.55 2.04	43.64 -5.49 2.17	50.96 -5.90 3.95	54.87 -5.99 3.51	53.40 -5.64 3.60	47.48 -5.06 3.06	45.15 -3.90 1.54	36.70 -3.46 0.52
GELCKHM___115KV_LOAD 80723	36.23 -0.51 0.00	33.06 -0.57 0.00	30.33 -0.56 0.00	29.51 -0.57 0.00	28.27 -0.52 0.00	28.88 -0.53 0.00	27.52 -0.50 0.00	26.53 -0.54 0.00	24.96 -0.56 0.00	25.24 -0.52 0.00	27.22 -0.61 0.00	27.72 -0.57 0.00	30.53 -0.59 0.00	33.17 -0.78 0.00	35.02 -0.86 0.00	37.35 -1.04 0.00	43.34 -1.22 0.48	49.27 -1.28 0.76	58.47 -1.40 0.94	62.23 -1.29 0.85	60.58 -1.19 0.87	53.84 -1.00 0.76	49.11 -0.86 0.62	39.70 -0.77 0.21
GENERAL___MILLS 23808	34.10 -2.65 0.00	30.57 -3.06 0.00	28.11 -2.78 0.00	27.10 -2.98 0.00	25.94 -2.85 0.00	26.65 -2.76 0.00	25.67 -2.35 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.03 0.00	25.52 -2.31 0.00	25.88 -2.40 0.00	28.42 -2.71 0.00	30.30 -3.63 0.02	32.02 -3.84 0.02	34.26 -4.11 0.02	38.33 -4.64 2.07	43.54 -5.59 2.17	50.77 -6.02 4.02	54.68 -6.12 3.57	53.21 -5.76 3.66	47.38 -5.12 3.11	45.05 -4.00 1.54	36.62 -3.54 0.52
GE_PLASTICS___DRP 24183	37.08 0.33 0.00	34.13 0.50 0.00	31.51 0.62 0.00	30.74 0.66 0.00	29.43 0.63 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.45 0.38 0.00	25.81 0.28 0.00	25.96 0.21 0.00	28.14 0.31 0.00	28.57 0.28 0.00	31.44 0.31 0.00	34.46 0.51 0.00	36.42 0.54 0.00	39.04 0.65 0.00	45.72 0.68 0.00	51.92 0.62 0.00	61.54 0.73 0.00	64.95 0.58 0.00	63.26 0.63 0.00	56.21 0.61 0.00	50.94 0.35 0.00	41.04 0.37 0.00
GILBOA___1 23756	37.26 0.51 0.00	34.33 0.71 0.00	31.60 0.71 0.00	30.77 0.69 0.00	29.46 0.66 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.50 0.43 0.00	25.99 0.46 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.72 0.59 0.00	34.60 0.64 0.00	36.71 0.83 0.00	39.38 1.00 0.00	46.26 1.22 0.00	52.63 1.33 0.01	62.21 1.40 0.00	65.66 1.29 0.00	63.89 1.25 0.00	56.71 1.11 0.00	51.45 0.86 0.00	41.37 0.69 0.00
GILBOA___2 23757	37.26 0.51 0.00	34.33 0.71 0.00	31.60 0.71 0.00	30.77 0.69 0.00	29.46 0.66 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.50 0.43 0.00	25.99 0.46 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.72 0.59 0.00	34.60 0.64 0.00	36.71 0.83 0.00	39.38 1.00 0.00	46.26 1.22 0.00	52.63 1.33 0.01	62.21 1.40 0.00	65.66 1.29 0.00	63.89 1.25 0.00	56.71 1.11 0.00	51.45 0.86 0.00	41.37 0.69 0.00
GILBOA___3 23758	37.26 0.51 0.00	34.33 0.71 0.00	31.60 0.71 0.00	30.77 0.69 0.00	29.46 0.66 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.50 0.43 0.00	25.99 0.46 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.72 0.59 0.00	34.60 0.64 0.00	36.71 0.83 0.00	39.38 1.00 0.00	46.26 1.22 0.00	52.63 1.33 0.01	62.21 1.40 0.00	65.66 1.29 0.00	63.89 1.25 0.00	56.71 1.11 0.00	51.45 0.86 0.00	41.37 0.69 0.00

GILBOA___4 23759	37.26 0.51 0.00	34.33 0.71 0.00	31.60 0.71 0.00	30.77 0.69 0.00	29.46 0.66 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.50 0.43 0.00	25.99 0.46 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.72 0.59 0.00	34.60 0.64 0.00	36.71 0.83 0.00	39.38 1.00 0.00	46.26 1.22 0.00	52.63 1.33 0.01	62.21 1.40 0.00	65.66 1.29 0.00	63.89 1.25 0.00	56.71 1.11 0.00	51.45 0.86 0.00	41.37 0.69 0.00
GILBOA____ 23599	37.26 0.51 0.00	34.33 0.71 0.00	31.60 0.71 0.00	30.77 0.69 0.00	29.45 0.66 0.00	30.09 0.68 0.00	28.47 0.45 0.00	27.50 0.43 0.00	25.98 0.46 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.72 0.59 0.00	34.70 0.75 0.00	36.71 0.83 0.00	39.39 1.00 0.00	46.26 1.22 0.00	52.58 1.28 0.01	62.21 1.40 0.00	65.66 1.29 0.00	63.89 1.25 0.00	56.71 1.11 0.00	51.45 0.86 0.00	41.37 0.69 0.00
GINNA____ 23603	33.84 -2.90 0.00	30.60 -3.03 0.00	28.11 -2.78 0.00	27.31 -2.77 0.00	26.17 -2.62 0.00	26.77 -2.65 0.00	25.47 -2.55 0.00	24.63 -2.44 0.00	23.18 -2.35 0.00	23.59 -2.16 0.00	25.41 -2.42 0.00	25.88 -2.40 0.00	28.57 -2.55 0.00	30.93 -3.02 0.00	32.33 -3.55 0.00	34.47 -3.92 0.00	38.96 -4.73 1.35	44.09 -5.13 2.09	52.40 -5.78 2.64	56.40 -5.60 2.37	54.82 -5.39 2.43	49.25 -4.23 2.12	45.42 -3.44 1.73	37.00 -3.09 0.58
GLEN PARK____ 23778	37.30 0.55 0.00	34.13 0.51 0.00	31.38 0.49 0.00	30.56 0.48 0.00	29.22 0.43 0.00	29.88 0.47 0.00	28.28 0.25 0.00	27.10 0.03 0.00	25.27 -0.26 0.00	25.45 -0.31 0.00	27.33 -0.50 0.00	27.83 -0.45 0.00	30.66 -0.47 0.00	33.21 -0.75 0.00	35.06 -0.82 0.00	37.70 -0.69 0.00	44.50 -0.54 0.00	50.85 -0.46 0.00	61.30 0.48 0.00	66.04 1.67 0.00	64.70 2.06 0.00	57.15 1.55 0.00	52.10 1.52 0.00	41.65 0.97 0.00
GLENDALE_27_KV_LOAD 356172	38.62 1.87 0.00	35.44 1.82 0.00	32.63 1.73 -0.01	31.80 1.71 -0.01	30.38 1.58 -0.01	30.88 1.47 0.00	29.40 1.37 0.00	28.56 1.49 0.00	27.16 1.63 0.00	27.48 1.73 0.00	29.98 2.14 0.00	30.44 2.15 0.00	33.52 2.40 0.00	36.70 2.75 0.00	38.93 3.05 0.00	41.92 3.53 0.00	53.66 4.41 -4.21	57.51 4.93 -1.28	66.41 5.59 0.00	69.78 5.41 0.00	67.40 4.76 0.00	59.16 3.56 0.00	53.98 3.39 0.00	43.48 2.81 0.00
GLENWOOD_IC_1_G5 23712	38.47 1.73 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.65 1.24 0.00	29.20 1.18 0.00	28.40 1.33 0.00	27.13 1.61 0.00	27.56 1.80 0.00	32.11 2.25 -2.03	35.13 2.26 -4.58	35.54 2.52 -1.90	40.53 2.92 -3.65	61.33 3.23 -22.22	64.94 3.72 -22.83	70.32 4.55 -20.73	63.38 5.18 -6.89	70.40 5.29 -4.29	69.72 5.34 -0.01	66.97 4.32 -0.01	59.33 3.73 -0.01	53.27 2.68 0.00	43.32 2.64 0.00
GLENWOOD_IC_2_G1 23688	38.32 1.58 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.56 1.15 0.00	29.17 1.15 0.00	28.34 1.27 0.00	27.01 1.48 0.00	27.43 1.67 0.00	31.89 2.03 -2.03	34.87 2.01 -4.58	35.27 2.24 -1.90	39.59 2.51 -3.12	50.96 2.91 -12.17	54.55 3.38 -12.78	59.87 4.14 -10.68	59.52 4.67 -3.55	68.25 5.23 -2.21	69.71 5.34 0.00	67.08 4.45 0.00	58.99 3.39 0.00	53.12 2.53 0.00	43.12 2.44 0.00
GLENWOOD_IC_3_G1 23689	38.32 1.58 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.56 1.15 0.00	29.17 1.15 0.00	28.34 1.27 0.00	27.01 1.48 0.00	27.43 1.67 0.00	31.89 2.03 -2.03	34.87 2.01 -4.58	35.27 2.24 -1.90	39.59 2.51 -3.12	50.96 2.91 -12.17	54.55 3.38 -12.78	59.87 4.14 -10.68	59.52 4.67 -3.55	68.25 5.23 -2.21	69.71 5.34 0.00	67.08 4.45 0.00	58.99 3.39 0.00	53.12 2.53 0.00	43.12 2.44 0.00
GLENWOOD___4 23550	38.47 1.73 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.65 1.24 0.00	29.20 1.18 0.00	28.40 1.33 0.00	27.13 1.61 0.00	27.56 1.80 0.00	32.11 2.25 -2.03	35.13 2.26 -4.58	35.54 2.52 -1.90	40.53 2.92 -3.65	61.33 3.23 -22.22	64.94 3.72 -22.83	70.32 4.55 -20.73	63.38 5.18 -6.89	70.58 5.47 -4.29	69.85 5.47 -0.01	67.09 4.45 -0.01	59.33 3.73 -0.01	53.27 2.68 0.00	43.32 2.64 0.00
GLENWOOD___5 23614	38.47 1.73 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.65 1.24 0.00	29.20 1.18 0.00	28.40 1.33 0.00	27.13 1.61 0.00	27.56 1.80 0.00	32.11 2.25 -2.03	35.13 2.26 -4.58	35.54 2.52 -1.90	40.53 2.92 -3.65	61.33 3.23 -22.22	64.94 3.72 -22.83	70.32 4.55 -20.73	63.38 5.18 -6.89	70.58 5.47 -4.29	69.85 5.47 -0.01	67.09 4.45 -0.01	59.33 3.73 -0.01	53.27 2.68 0.00	43.32 2.64 0.00
GLOBAL GREEN_PORT_GT1 23814	39.06 2.32 0.00	35.51 1.88 0.00	32.87 1.98 0.00	31.79 1.71 0.00	30.40 1.61 0.00	30.88 1.47 0.00	29.51 1.48 0.00	28.80 1.73 0.00	28.00 2.48 0.00	28.87 3.12 0.00	33.39 3.54 -2.02	36.14 3.28 -4.58	36.54 3.52 -1.90	40.29 3.56 -2.77	45.44 3.88 -5.68	49.10 4.41 -6.30	54.46 5.22 -4.20	58.79 6.10 -1.38	68.31 6.63 -0.86	71.00 6.63 0.00	67.33 4.70 0.00	59.26 3.67 0.01	52.45 1.87 0.01	43.64 2.97 0.00
GLOBE___DSASP 323697	33.25 -3.49 0.00	29.86 -3.77 0.00	27.52 -3.37 0.00	26.53 -3.55 0.00	25.45 -3.34 0.00	26.00 -3.41 0.00	25.05 -2.97 0.00	24.06 -3.00 0.00	22.69 -2.83 0.00	23.18 -2.58 0.00	24.85 -2.98 0.00	25.07 -3.20 0.02	27.50 -3.61 0.02	28.88 -5.06 0.02	30.63 -5.24 0.02	32.76 -5.60 0.02	36.21 -6.89 1.94	41.53 -7.44 2.34	49.02 -8.03 3.76	53.29 -7.72 3.35	51.81 -7.39 3.44	46.38 -6.28 2.94	43.63 -5.31 1.64	35.69 -4.43 0.55
GOETHSLN___LBMP 323567	38.25 1.51 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.43 1.35 0.00	30.06 1.27 0.00	30.62 1.21 0.00	29.23 1.21 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.84 2.00 0.00	30.27 1.98 0.00	33.31 2.18 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.25 4.05 -4.16	57.19 4.62 -1.26	66.04 5.23 0.00	69.39 5.02 0.00	67.02 4.38 0.00	58.88 3.28 0.00	53.47 2.88 0.00	43.08 2.40 0.00
GOLAH___69_KV_TB 1_2 80279	35.02 -1.73 0.00	31.54 -2.08 0.00	29.04 -1.85 0.00	28.15 -1.93 0.00	26.98 -1.81 0.00	27.59 -1.82 0.00	26.48 -1.54 0.00	25.42 -1.65 0.00	23.89 -1.63 0.00	24.34 -1.42 0.00	26.22 -1.61 0.00	26.62 -1.67 0.00	29.29 -1.84 0.00	31.17 -2.78 0.00	33.04 -2.83 0.00	35.35 -3.03 0.00	39.88 -3.69 1.47	45.59 -3.59 2.13	53.57 -4.38 2.86	57.94 -3.86 2.57	56.37 -3.63 2.64	50.70 -2.61 2.28	47.03 -1.82 1.74	38.30 -1.79 0.58
GOODYEAR_LAKE_HYD 323669	37.59 0.85 0.00	34.43 0.81 0.00	31.63 0.74 0.00	30.77 0.69 0.00	29.43 0.63 0.00	30.09 0.68 0.00	28.53 0.50 0.00	27.45 0.38 0.00	25.83 0.31 0.00	26.06 0.31 0.00	28.17 0.33 0.00	28.60 0.31 0.00	31.50 0.37 0.00	34.36 0.41 0.00	36.49 0.61 0.00	39.00 0.61 0.00	45.99 0.95 0.00	52.47 1.18 0.02	62.64 1.82 0.00	66.49 2.12 0.00	64.70 2.07 0.00	57.26 1.67 0.00	52.01 1.42 0.00	41.69 1.02 0.00

GOUDEY___1 345031	36.45 -0.29 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.60 -0.48 0.00	28.33 -0.46 0.00	29.00 -0.41 0.00	27.63 -0.39 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.37 -0.39 0.00	27.39 -0.45 0.00	27.83 -0.45 0.00	30.63 -0.50 0.00	33.34 -0.61 0.00	35.20 -0.68 0.00	37.66 -0.73 0.00	44.01 -0.68 0.36	49.72 -0.97 0.62	59.45 -0.67 0.69	63.04 -0.71 0.62	61.50 -0.50 0.64	54.42 -0.61 0.56	49.63 -0.51 0.45	39.91 -0.61 0.15
GOUDEY___7 23579	36.45 -0.29 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.60 -0.48 0.00	28.33 -0.46 0.00	29.00 -0.41 0.00	27.63 -0.39 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.37 -0.39 0.00	27.39 -0.45 0.00	27.83 -0.45 0.00	30.63 -0.50 0.00	33.34 -0.61 0.00	35.20 -0.68 0.00	37.66 -0.73 0.00	44.01 -0.68 0.36	49.72 -0.97 0.62	59.45 -0.67 0.69	63.04 -0.71 0.62	61.50 -0.50 0.64	54.42 -0.61 0.56	49.63 -0.51 0.45	39.91 -0.61 0.15
GOUDEY___8 23580	36.45 -0.29 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.60 -0.48 0.00	28.33 -0.46 0.00	29.00 -0.41 0.00	27.63 -0.39 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.37 -0.39 0.00	27.39 -0.45 0.00	27.83 -0.45 0.00	30.63 -0.50 0.00	33.34 -0.61 0.00	35.20 -0.68 0.00	37.66 -0.73 0.00	44.01 -0.68 0.36	49.72 -0.97 0.62	59.45 -0.67 0.69	63.04 -0.71 0.62	61.50 -0.50 0.64	54.42 -0.61 0.56	49.63 -0.51 0.45	39.91 -0.61 0.15
GOWANUS_GT1_1 24077	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_2 24078	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_3 24079	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_4 24080	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_5 24084	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_6 24111	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_7 24112	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT1_8 24113	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.28 1.52 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.65 5.28 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_1 24114	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_2 24115	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_3 24116	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_4 24117	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01

GOWANUS_GT2_5 24118	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_6 24119	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_7 24120	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT2_8 24121	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_1 24122	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_2 24123	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_3 24124	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_4 24125	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_5 24126	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_6 24127	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_7 24128	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT3_8 24129	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.37 1.30 0.00	26.93 1.40 0.00	27.30 1.55 0.00	29.78 1.95 0.00	30.24 1.95 0.00	33.30 2.18 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.51 4.93 -1.28	66.29 5.48 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.05 3.45 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_1 24130	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_2 24131	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_3 24132	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01

GOWANUS_GT4_4 24133	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_5 24134	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_6 24135	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_7 24136	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GOWANUS_GT4_8 24137	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GREENBSH_115KV_TB3 55895	37.00 0.26 0.00	34.10 0.47 0.00	31.54 0.65 0.00	30.77 0.69 0.00	29.48 0.69 0.00	30.09 0.68 0.00	28.50 0.48 0.00	27.45 0.38 0.00	25.76 0.23 0.00	25.88 0.13 0.00	28.05 0.22 0.00	28.49 0.20 0.00	31.34 0.22 0.00	34.36 0.41 0.00	36.31 0.43 0.00	38.96 0.58 0.00	45.54 0.50 0.00	51.67 0.36 0.00	61.30 0.49 0.00	64.69 0.32 0.00	63.01 0.38 0.00	56.04 0.44 0.00	50.69 0.10 0.00	40.88 0.20 0.00
GREENDGE_115KV_TB5 80291	36.19 -0.55 0.00	32.85 -0.77 0.00	30.09 -0.80 0.00	29.18 -0.90 0.00	27.96 -0.83 0.00	28.62 -0.79 0.00	27.32 -0.70 0.00	26.23 -0.84 0.00	24.53 -1.00 0.00	24.88 -0.88 0.00	26.77 -1.06 0.00	27.21 -1.07 0.00	30.01 -1.12 0.00	32.46 -1.53 -0.03	34.34 -1.58 -0.03	36.73 -1.69 -0.03	43.74 -1.80 -0.50	48.31 -1.85 1.15	59.69 -2.07 -0.95	63.35 -1.80 -0.79	62.00 -1.44 -0.81	54.86 -1.28 -0.54	49.19 -0.51 0.90	39.64 -0.73 0.30
GREENIDGE___3 23582	36.19 -0.55 0.00	32.85 -0.77 0.00	30.09 -0.80 0.00	29.18 -0.90 0.00	27.96 -0.83 0.00	28.62 -0.79 0.00	27.32 -0.70 0.00	26.23 -0.84 0.00	24.53 -1.00 0.00	24.88 -0.88 0.00	26.77 -1.06 0.00	27.21 -1.07 0.00	30.01 -1.12 0.00	32.46 -1.53 -0.03	34.34 -1.58 -0.03	36.73 -1.69 -0.03	43.74 -1.80 -0.50	48.31 -1.85 1.15	59.69 -2.07 -0.95	63.35 -1.80 -0.79	62.00 -1.44 -0.81	54.86 -1.28 -0.54	49.19 -0.51 0.90	39.64 -0.73 0.30
GREENIDGE___4 23583	36.19 -0.55 0.00	32.86 -0.77 0.00	30.09 -0.80 0.00	29.21 -0.87 0.00	27.96 -0.84 0.00	28.62 -0.79 0.00	27.21 -0.81 0.00	26.23 -0.84 0.00	24.53 -1.00 0.00	24.88 -0.88 0.00	26.77 -1.06 0.00	27.24 -1.05 0.00	30.07 -1.06 0.00	32.63 -1.36 -0.03	34.34 -1.58 -0.03	36.73 -1.69 -0.03	43.74 -1.80 -0.50	48.41 -1.74 1.15	59.69 -2.07 -0.95	63.35 -1.80 -0.79	61.94 -1.50 -0.81	54.87 -1.28 -0.54	49.24 -0.46 0.90	39.64 -0.73 0.30
GREENLWN_69_KV_BK 3 55738	38.40 1.65 0.00	35.14 1.51 0.00	32.34 1.45 0.00	31.34 1.26 0.00	29.94 1.15 0.00	30.47 1.06 0.00	29.03 1.01 0.00	28.29 1.22 0.00	27.18 1.66 0.00	27.71 1.96 0.00	32.36 2.50 -2.03	35.32 2.46 -4.58	35.79 2.77 -1.90	39.93 3.16 -2.82	45.83 3.48 -6.47	49.43 3.95 -7.09	54.53 4.50 -4.99	58.19 5.23 -1.65	67.19 5.35 -1.03	69.84 5.47 0.00	66.64 4.01 0.00	58.82 3.22 0.00	52.30 1.72 0.01	43.36 2.68 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.37 2.24 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.51 4.93 -1.28	66.41 5.59 0.00	69.71 5.34 0.00	67.33 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
GRISSOM___SOLAR 323813	38.29 1.54 0.00	35.07 1.44 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.09 1.30 0.00	30.74 1.32 0.00	28.86 0.84 0.00	27.28 0.22 0.00	25.37 -0.15 0.00	25.34 -0.41 0.00	27.30 -0.53 0.00	27.72 -0.57 0.00	30.53 -0.59 0.00	33.38 -0.58 0.00	35.85 -0.04 0.00	38.12 -0.27 0.00	45.09 0.05 0.00	51.81 0.51 0.01	62.76 1.95 0.00	67.20 2.83 0.00	65.83 3.19 0.00	58.43 2.83 0.00	52.92 2.33 0.00	42.38 1.71 0.00
GROVEVILLE___HYD 323602	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.26 1.23 0.00	28.31 1.25 0.00	26.83 1.30 0.00	27.10 1.34 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.93 1.81 0.00	36.13 2.17 0.00	38.32 2.44 0.00	41.27 2.88 0.00	48.64 3.60 0.00	55.51 4.21 0.01	65.86 5.05 0.00	69.26 4.89 0.00	67.02 4.38 0.00	59.04 3.45 0.00	53.52 2.93 0.00	42.99 2.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.35 0.00	29.09 -0.32 0.00	27.69 -0.34 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.24 -0.65 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.38 -0.92 0.00	59.84 -0.97 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
HAMLTNNY_34_KV_TB 80303	36.45 -0.29 0.00	33.26 -0.37 0.00	30.49 -0.40 0.00	29.66 -0.42 0.00	28.42 -0.37 0.00	29.03 -0.38 0.00	27.66 -0.36 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.34 -0.41 0.00	27.30 -0.53 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.27 -0.68 0.00	35.13 -0.75 0.00	37.47 -0.92 0.00	44.00 -1.04 0.00	50.28 -1.03 0.00	59.72 -1.09 0.00	63.47 -0.90 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.18 -0.40 0.00	40.23 -0.45 0.00

HAMPSHIRE___PAPER_HYD 323593	36.56 -0.18 0.00	33.46 -0.17 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.35 -0.06 0.00	27.86 -0.17 0.00	26.85 -0.22 0.00	25.17 -0.36 0.00	25.40 -0.36 0.00	27.30 -0.53 0.00	27.69 -0.60 0.00	30.47 -0.66 0.00	33.17 -0.78 0.00	35.02 -0.86 0.00	37.51 -0.88 0.00	44.09 -0.95 0.00	50.33 -0.98 0.00	60.08 -0.73 0.00	64.18 -0.19 0.00	62.64 0.00 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.72 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	36.89 0.15 0.00	33.80 0.17 0.00	31.08 0.19 0.00	30.26 0.18 0.00	28.97 0.17 0.00	29.59 0.18 0.00	28.16 0.14 0.00	27.18 0.11 0.00	25.63 0.10 0.00	25.81 0.05 0.00	27.89 0.06 0.00	28.32 0.03 0.00	31.16 0.03 0.00	33.95 0.00 0.00	35.92 0.04 0.00	38.43 0.04 0.00	45.13 0.09 0.00	51.36 0.05 0.00	61.12 0.31 0.00	64.82 0.45 0.00	63.08 0.44 0.00	55.99 0.39 0.00	51.09 0.51 0.00	41.08 0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.14 1.40 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.94 1.15 0.00	30.53 1.12 0.00	29.06 1.04 0.00	28.15 1.08 0.00	26.73 1.20 0.00	27.02 1.26 0.00	29.33 1.50 0.00	29.76 1.47 0.00	32.84 1.71 0.00	35.99 2.04 0.00	38.18 2.30 0.00	41.11 2.73 0.00	48.42 3.38 0.00	55.25 3.95 0.01	65.43 4.62 0.00	68.88 4.51 0.00	66.65 4.01 0.00	58.71 3.11 0.00	53.22 2.63 0.00	42.75 2.07 0.00
HARSNRAD_115KV_TB1 81005	33.44 -3.31 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.12 -3.29 0.00	25.19 -2.83 0.00	24.25 -2.82 0.00	22.82 -2.71 0.00	23.31 -2.45 0.00	25.08 -2.76 0.00	25.40 -2.89 0.00	27.89 -3.24 0.00	29.39 -4.55 0.02	31.16 -4.70 0.02	33.34 -5.03 0.02	37.08 -6.04 1.92	42.44 -6.62 2.25	49.30 -7.78 3.73	53.45 -7.60 3.32	52.03 -7.20 3.41	46.80 -5.89 2.91	44.35 -4.60 1.64	36.14 -3.99 0.55
HARZA MOOSE___RIVER 24016	36.89 0.15 0.00	33.83 0.20 0.00	31.14 0.25 0.00	30.32 0.24 0.00	29.02 0.23 0.00	29.68 0.26 0.00	28.16 0.14 0.00	27.15 0.08 0.00	25.47 -0.05 0.00	25.65 -0.10 0.00	27.61 -0.22 0.00	28.03 -0.25 0.00	30.88 -0.25 0.00	33.58 -0.37 0.00	35.49 -0.39 0.00	38.04 -0.35 0.00	44.77 -0.27 0.00	51.15 -0.15 0.00	61.06 0.24 0.00	65.21 0.84 0.00	63.70 1.06 0.00	56.38 0.78 0.00	51.45 0.86 0.00	41.25 0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.23 -0.51 0.00	33.06 -0.57 0.00	30.33 -0.56 0.00	29.51 -0.57 0.00	28.27 -0.52 0.00	28.88 -0.53 0.00	27.49 -0.53 0.00	26.53 -0.54 0.00	24.96 -0.56 0.00	25.24 -0.52 0.00	27.22 -0.61 0.00	27.72 -0.57 0.00	30.53 -0.59 0.00	33.17 -0.78 0.00	35.02 -0.86 0.00	37.35 -1.04 0.00	43.25 -1.22 0.58	49.12 -1.28 0.90	58.29 -1.40 1.13	62.07 -1.29 1.01	60.41 -1.19 1.04	53.69 -1.00 0.91	48.99 -0.86 0.74	39.66 -0.77 0.25
HELLGATE_13_KV_LD 55870	38.66 1.91 0.00	35.48 1.85 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.88 1.47 0.00	29.40 1.37 0.00	28.56 1.49 0.00	27.16 1.63 0.00	27.48 1.73 0.00	30.00 2.17 0.00	30.44 2.15 0.00	33.52 2.40 0.00	36.70 2.75 0.00	38.90 3.01 0.00	41.88 3.49 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.04 3.45 0.00	53.88 3.29 0.00	43.48 2.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.66 1.91 0.00	35.48 1.85 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.88 1.47 0.00	29.40 1.37 0.00	28.56 1.49 0.00	27.16 1.63 0.00	27.48 1.73 0.00	30.00 2.17 0.00	30.44 2.15 0.00	33.52 2.40 0.00	36.70 2.75 0.00	38.90 3.01 0.00	41.88 3.49 0.00	53.62 4.37 -4.21	57.46 4.87 -1.28	66.35 5.53 0.00	69.71 5.34 0.00	67.27 4.64 0.00	59.04 3.45 0.00	53.88 3.29 0.00	43.48 2.81 0.00
HEMPSTEAD____ 23647	38.36 1.61 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.31 1.23 0.00	29.95 1.15 0.00	30.44 1.03 0.00	29.06 1.04 0.00	28.26 1.19 0.00	27.08 1.56 0.00	27.63 1.88 0.00	32.17 2.31 -2.03	35.15 2.29 -4.58	35.58 2.55 -1.90	40.47 2.82 -3.70	62.16 3.26 -23.02	65.79 3.76 -23.63	71.08 4.50 -21.53	63.50 5.03 -7.16	70.86 5.59 -4.46	70.30 5.92 -0.01	67.28 4.64 -0.01	59.11 3.50 -0.01	52.81 2.22 0.00	43.24 2.56 0.00
HICKLING___1 23621	36.41 -0.33 0.00	33.06 -0.57 0.00	30.30 -0.59 0.00	29.36 -0.72 0.00	28.10 -0.69 0.00	28.77 -0.65 0.00	27.46 -0.56 0.00	26.39 -0.68 0.00	24.68 -0.84 0.00	25.06 -0.70 0.00	27.00 -0.83 0.00	27.44 -0.85 0.00	30.25 -0.87 0.00	32.81 -1.15 -0.01	34.64 -1.26 -0.01	37.10 -1.31 -0.01	43.72 -1.26 0.06	48.68 -1.64 0.99	59.52 -1.16 0.13	63.19 -1.03 0.15	61.80 -0.69 0.15	54.62 -0.78 0.20	49.35 -0.51 0.73	39.74 -0.69 0.25
HICKLING___2 23622	36.41 -0.33 0.00	33.06 -0.57 0.00	30.30 -0.59 0.00	29.36 -0.72 0.00	28.10 -0.69 0.00	28.77 -0.65 0.00	27.46 -0.56 0.00	26.39 -0.68 0.00	24.68 -0.84 0.00	25.06 -0.70 0.00	27.00 -0.83 0.00	27.44 -0.85 0.00	30.25 -0.87 0.00	32.81 -1.15 -0.01	34.64 -1.26 -0.01	37.10 -1.31 -0.01	43.72 -1.26 0.06	48.68 -1.64 0.99	59.52 -1.16 0.13	63.19 -1.03 0.15	61.80 -0.69 0.15	54.62 -0.78 0.20	49.35 -0.51 0.73	39.74 -0.69 0.25
HIGH FALLS___HY 23754	38.47 1.73 0.00	35.28 1.65 0.00	32.37 1.48 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.68 1.26 0.00	29.23 1.21 0.00	28.31 1.25 0.00	26.90 1.38 0.00	27.17 1.42 0.00	29.50 1.67 0.00	29.93 1.64 0.00	33.03 1.90 0.00	36.23 2.27 0.00	38.43 2.55 0.00	41.42 3.03 0.00	48.91 3.87 0.00	55.92 4.62 0.01	66.41 5.59 0.00	69.91 5.54 0.00	67.58 4.95 0.00	59.43 3.84 0.00	53.83 3.24 0.00	43.16 2.48 0.00
HIGH_RIVER___SOLAR 323847	37.85 1.10 0.00	34.70 1.08 0.00	31.91 1.02 0.00	31.10 1.02 0.00	29.77 0.98 0.00	30.41 1.00 0.00	28.72 0.70 0.00	27.42 0.35 0.00	25.60 0.08 0.00	25.58 -0.18 0.00	27.64 -0.19 0.00	28.06 -0.23 0.00	30.88 -0.25 0.00	33.72 -0.24 0.00	35.92 0.04 0.00	38.43 0.04 0.00	45.40 0.36 0.00	52.18 0.87 0.00	62.58 1.76 0.00	66.49 2.12 0.00	64.89 2.25 0.00	57.60 2.00 0.00	52.21 1.62 0.00	41.90 1.22 0.00
HILLBURN___GT 23639	38.11 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.28 1.20 0.00	29.91 1.12 0.00	30.50 1.09 0.00	29.06 1.04 0.00	28.21 1.14 0.00	26.78 1.25 0.00	27.09 1.34 0.00	29.45 1.61 0.00	29.87 1.58 0.00	32.90 1.77 0.00	35.99 2.04 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.56 3.52 0.00	55.35 4.05 0.01	65.38 4.56 0.00	68.81 4.44 0.00	66.52 3.88 0.00	58.60 3.00 0.00	53.17 2.58 0.00	42.75 2.07 0.00
HILLSIDE_115KV_TB1 80332	36.08 -0.66 0.00	32.82 -0.81 0.00	30.09 -0.80 0.00	29.18 -0.90 0.00	27.93 -0.86 0.00	28.59 -0.82 0.00	27.30 -0.73 0.00	26.26 -0.81 0.00	24.63 -0.89 0.00	24.98 -0.77 0.00	26.94 -0.89 0.00	27.35 -0.93 0.00	30.13 -1.00 0.00	32.74 -1.22 -0.01	34.57 -1.33 -0.01	36.98 -1.42 -0.01	43.52 -1.40 0.12	48.54 -1.85 0.92	59.04 -1.52 0.25	62.58 -1.54 0.25	61.13 -1.25 0.26	53.98 -1.33 0.28	48.90 -1.01 0.68	39.35 -1.10 0.23

HISHELDN_WT_PWR 323625	34.39 -2.35 0.00	30.94 -2.69 0.00	28.42 -2.47 0.00	27.46 -2.62 0.00	26.26 -2.53 0.00	26.97 -2.44 0.00	25.64 -2.38 0.00	24.82 -2.25 0.00	23.30 -2.22 0.00	23.75 -2.01 0.00	25.55 -2.28 0.00	25.94 -2.35 0.00	28.57 -2.55 0.00	30.67 -3.23 0.06	32.09 -3.73 0.06	34.38 -3.95 0.06	37.48 -4.50 3.06	44.46 -4.88 1.97	49.42 -5.47 5.91	53.68 -5.47 5.22	52.22 -5.07 5.35	46.83 -4.34 4.43	45.84 -3.34 1.41	37.15 -3.05 0.47
HOLTSVILLE_IC_1 23690	38.51 1.76 0.00	35.17 1.55 0.00	32.46 1.57 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.68 2.95 -2.77	44.86 3.37 -5.61	48.49 3.88 -6.22	53.67 4.50 -4.12	57.85 5.18 -1.36	67.01 5.35 -0.85	69.96 5.60 0.00	66.64 4.01 0.00	58.76 3.17 0.01	52.20 1.62 0.01	43.36 2.68 0.00
HOLTSVILLE_IC_10 23699	38.65 1.91 0.00	35.31 1.68 0.00	32.59 1.70 0.00	31.52 1.44 0.00	30.12 1.33 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.70 2.84 -2.02	35.58 2.72 -4.58	35.98 2.96 -1.90	39.93 3.19 -2.79	45.44 3.62 -5.93	49.09 4.15 -6.55	54.31 4.82 -4.45	58.32 5.54 -1.47	67.57 5.84 -0.92	70.41 6.05 0.00	67.01 4.38 0.00	59.10 3.50 0.01	52.45 1.87 0.01	43.56 2.89 0.00
HOLTSVILLE_IC_2 23691	38.51 1.76 0.00	35.17 1.55 0.00	32.46 1.57 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.68 2.95 -2.77	44.86 3.37 -5.61	48.49 3.88 -6.22	53.67 4.50 -4.12	57.85 5.18 -1.36	67.01 5.35 -0.85	69.96 5.60 0.00	66.64 4.01 0.00	58.76 3.17 0.01	52.20 1.62 0.01	43.36 2.68 0.00
HOLTSVILLE_IC_3 23692	38.51 1.76 0.00	35.17 1.55 0.00	32.46 1.57 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.68 2.95 -2.77	44.86 3.37 -5.61	48.49 3.88 -6.22	53.67 4.50 -4.12	57.85 5.18 -1.36	67.01 5.35 -0.85	69.96 5.60 0.00	66.64 4.01 0.00	58.76 3.17 0.01	52.20 1.62 0.01	43.36 2.68 0.00
HOLTSVILLE_IC_4 23693	38.51 1.76 0.00	35.17 1.55 0.00	32.46 1.57 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.68 2.95 -2.77	44.86 3.37 -5.61	48.49 3.88 -6.22	53.67 4.50 -4.12	57.85 5.18 -1.36	67.01 5.35 -0.85	69.96 5.60 0.00	66.64 4.01 0.00	58.76 3.17 0.01	52.20 1.62 0.01	43.36 2.68 0.00
HOLTSVILLE_IC_5 23694	38.51 1.76 0.00	35.17 1.55 0.00	32.46 1.57 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.68 2.95 -2.77	44.86 3.37 -5.61	48.49 3.88 -6.22	53.67 4.50 -4.12	57.85 5.18 -1.36	67.01 5.35 -0.85	69.96 5.60 0.00	66.64 4.01 0.00	58.76 3.17 0.01	52.20 1.62 0.01	43.36 2.68 0.00
HOLTSVILLE_IC_6 23695	38.65 1.91 0.00	35.31 1.68 0.00	32.59 1.70 0.00	31.52 1.44 0.00	30.12 1.33 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.70 2.84 -2.02	35.58 2.72 -4.58	35.98 2.96 -1.90	39.93 3.19 -2.79	45.44 3.62 -5.93	49.09 4.15 -6.55	54.31 4.82 -4.45	58.32 5.54 -1.47	67.57 5.84 -0.92	70.41 6.05 0.00	67.01 4.38 0.00	59.10 3.50 0.01	52.45 1.87 0.01	43.56 2.89 0.00
HOLTSVILLE_IC_7 23696	38.65 1.91 0.00	35.31 1.68 0.00	32.59 1.70 0.00	31.52 1.44 0.00	30.12 1.33 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.70 2.84 -2.02	35.58 2.72 -4.58	35.98 2.96 -1.90	39.93 3.19 -2.79	45.44 3.62 -5.93	49.09 4.15 -6.55	54.31 4.82 -4.45	58.32 5.54 -1.47	67.57 5.84 -0.92	70.41 6.05 0.00	67.01 4.38 0.00	59.10 3.50 0.01	52.45 1.87 0.01	43.56 2.89 0.00
HOLTSVILLE_IC_8 23697	38.65 1.91 0.00	35.31 1.68 0.00	32.59 1.70 0.00	31.52 1.44 0.00	30.12 1.33 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.70 2.84 -2.02	35.58 2.72 -4.58	35.98 2.96 -1.90	39.93 3.19 -2.79	45.44 3.62 -5.93	49.09 4.15 -6.55	54.31 4.82 -4.45	58.32 5.54 -1.47	67.57 5.84 -0.92	70.41 6.05 0.00	67.01 4.38 0.00	59.10 3.50 0.01	52.45 1.87 0.01	43.56 2.89 0.00
HOLTSVILLE_IC_9 23698	38.65 1.91 0.00	35.31 1.68 0.00	32.59 1.70 0.00	31.52 1.44 0.00	30.12 1.33 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.42 1.35 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.70 2.84 -2.02	35.58 2.72 -4.58	35.98 2.96 -1.90	39.93 3.19 -2.79	45.44 3.62 -5.93	49.09 4.15 -6.55	54.31 4.82 -4.45	58.32 5.54 -1.47	67.57 5.84 -0.92	70.41 6.05 0.00	67.01 4.38 0.00	59.10 3.50 0.01	52.45 1.87 0.01	43.56 2.89 0.00
HOMER_HL_115KV_TB2 355744	34.36 -2.39 0.00	30.94 -2.69 0.00	28.39 -2.50 0.00	27.34 -2.74 0.00	26.17 -2.62 0.00	26.88 -2.53 0.00	25.81 -2.21 0.00	24.88 -2.19 0.00	23.38 -2.14 0.00	23.88 -1.88 0.00	25.72 -2.12 0.00	26.08 -2.21 0.00	28.64 -2.49 0.00	31.49 -2.44 0.02	32.96 -2.91 0.02	35.14 -3.22 0.02	40.46 -2.75 1.83	43.75 -5.54 2.02	53.12 -4.14 3.55	55.87 -5.34 3.16	54.64 -4.76 3.24	47.17 -5.67 2.76	44.20 -4.96 1.43	35.80 -4.39 0.48
HOWARD_WT_PWR 323690	35.75 -0.99 0.00	32.32 -1.31 0.00	29.59 -1.30 0.00	28.64 -1.44 0.00	27.29 -1.50 0.00	28.06 -1.35 0.00	26.65 -1.37 0.00	25.63 -1.44 0.00	23.92 -1.61 0.00	24.29 -1.47 0.00	26.11 -1.73 0.00	26.56 -1.73 0.00	29.32 -1.81 0.00	31.73 -2.31 -0.08	33.38 -2.58 -0.08	35.78 -2.69 -0.08	44.45 -2.79 -2.20	47.30 -2.72 1.29	62.47 -2.55 -4.21	65.81 -2.19 -3.63	64.73 -1.63 -3.72	57.01 -1.45 -2.85	48.76 -0.86 0.97	39.21 -1.14 0.32
HQ_GEN_CEDARS 23644	36.97 0.22 0.00	33.80 0.17 0.00	30.98 0.09 0.00	30.20 0.12 0.00	28.91 0.12 0.00	29.56 0.15 0.00	28.19 0.17 0.00	27.23 0.16 0.00	25.63 0.10 0.00	25.88 0.13 0.00	27.89 0.06 0.00	28.32 0.03 0.00	31.16 0.03 0.00	33.99 0.03 0.00	35.88 0.00 0.00	38.35 -0.04 0.00	44.95 -0.09 0.00	51.26 -0.05 0.00	60.69 -0.12 0.00	64.43 0.06 0.00	62.64 0.00 0.00	55.54 -0.06 0.00	50.79 0.20 0.00	40.96 0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	36.97 0.22 0.00	33.80 0.17 0.00	30.98 0.09 0.00	30.23 0.15 0.00	28.91 0.12 0.00	28.33 0.15 1.24	29.43 0.17 -1.24	27.23 0.16 0.00	25.63 0.10 0.00	25.89 0.13 0.00	27.89 0.06 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.02 0.07 0.00	35.88 0.00 0.00	38.35 -0.04 0.00	44.95 -0.09 0.00	51.26 -0.05 0.00	60.69 -0.12 0.00	64.43 0.06 0.00	62.64 0.00 0.00	55.54 -0.06 0.00	50.79 0.20 0.00	40.96 0.29 0.00

HQ_GEN_CHPE_PROXY 323851	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	29.47 1.29 1.24	30.55 1.29 -1.24	28.48 1.41 0.00	27.08 1.56 0.00	27.41 1.65 0.00	29.84 2.01 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.33 4.10 -4.19	57.30 4.72 -1.27	66.10 5.29 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.57 2.98 0.00	43.20 2.52 0.00
HQ_GEN_IMPORT 323601	36.89 0.15 0.00	33.69 0.07 0.00	30.92 0.03 0.00	30.11 0.03 0.00	28.79 0.00 0.00	28.21 0.03 1.24	29.37 0.11 -1.24	27.18 0.11 0.00	25.63 0.10 0.00	25.89 0.13 0.00	27.94 0.11 0.00	28.40 0.11 0.00	31.25 0.13 0.00	34.09 0.14 0.00	35.99 0.11 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.46 0.15 0.00	60.87 0.06 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.71 0.11 0.00	50.79 0.20 0.00	40.84 0.16 0.00
HQ_GEN_WHEEL 23651	36.89 0.15 0.00	33.69 0.07 0.00	30.92 0.03 0.00	30.11 0.03 0.00	28.79 0.00 0.00	28.21 0.03 1.24	29.37 0.11 -1.24	27.18 0.11 0.00	25.63 0.10 0.00	25.89 0.13 0.00	27.94 0.11 0.00	28.40 0.11 0.00	31.25 0.13 0.00	34.09 0.14 0.00	35.99 0.11 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.46 0.15 0.00	60.87 0.06 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.71 0.11 0.00	50.79 0.20 0.00	40.84 0.16 0.00
HUDSON_AVE_GT_3 23810	38.44 1.69 0.00	35.28 1.65 0.00	32.43 1.54 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.38 2.09 0.00	33.43 2.30 0.00	36.67 2.72 0.00	38.86 2.98 0.00	41.84 3.45 0.00	53.48 4.28 -4.16	57.44 4.87 -1.26	66.35 5.53 0.00	69.71 5.34 0.00	67.33 4.70 0.00	59.16 3.56 0.00	53.78 3.19 0.00	43.28 2.60 0.00
HUDSON_AVE_GT_4 23540	38.44 1.69 0.00	35.28 1.65 0.00	32.43 1.54 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.38 2.09 0.00	33.43 2.30 0.00	36.67 2.72 0.00	38.86 2.98 0.00	41.84 3.45 0.00	53.48 4.28 -4.16	57.44 4.87 -1.26	66.35 5.53 0.00	69.71 5.34 0.00	67.33 4.70 0.00	59.16 3.56 0.00	53.78 3.19 0.00	43.28 2.60 0.00
HUDSON_AVE_GT_5 23657	38.44 1.69 0.00	35.28 1.65 0.00	32.43 1.54 0.00	31.58 1.50 0.00	30.20 1.41 0.00	30.77 1.35 0.00	29.34 1.32 0.00	28.53 1.46 0.00	27.13 1.61 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.38 2.09 0.00	33.43 2.30 0.00	36.67 2.72 0.00	38.86 2.98 0.00	41.84 3.45 0.00	53.48 4.28 -4.16	57.44 4.87 -1.26	66.35 5.53 0.00	69.71 5.34 0.00	67.33 4.70 0.00	59.16 3.56 0.00	53.78 3.19 0.00	43.28 2.60 0.00
HUDSON_AVE_10 24168	38.32 1.58 0.00	35.17 1.55 0.00	32.34 1.45 0.00	31.49 1.41 0.00	30.12 1.32 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.46 1.70 0.00	29.92 2.09 0.00	30.35 2.06 0.00	33.43 2.30 0.00	36.64 2.68 0.00	38.82 2.94 0.00	41.80 3.42 0.00	53.43 4.23 -4.16	57.39 4.82 -1.26	66.29 5.47 0.00	69.65 5.28 0.00	67.21 4.57 0.00	59.04 3.45 0.00	53.73 3.14 0.00	43.20 2.52 0.00
HUDSON___115KV_TB 4 355613	37.70 0.96 0.00	34.70 1.08 0.00	32.03 1.14 0.00	31.25 1.17 0.00	29.92 1.12 0.00	30.53 1.12 0.00	28.86 0.84 0.00	27.69 0.62 0.00	25.91 0.38 0.00	25.96 0.21 0.00	28.11 0.28 0.00	28.54 0.25 0.00	31.44 0.31 0.00	34.50 0.54 0.00	36.53 0.65 0.00	39.23 0.84 0.00	46.08 1.04 0.00	52.44 1.13 0.00	62.64 1.82 0.00	66.30 1.93 0.00	64.58 1.94 0.00	57.38 1.78 0.00	51.85 1.26 0.00	41.73 1.06 0.00
HUNTER MOUNT___DRP 323613	37.88 1.14 0.00	34.84 1.21 0.00	32.16 1.27 0.00	31.34 1.26 0.00	30.03 1.24 0.00	30.62 1.21 0.00	28.95 0.92 0.00	27.69 0.62 0.00	25.88 0.36 0.00	25.94 0.18 0.00	28.05 0.22 0.00	28.49 0.20 0.00	31.38 0.25 0.00	34.46 0.51 0.00	36.49 0.61 0.00	39.23 0.84 0.00	46.12 1.08 0.00	52.59 1.28 0.00	62.94 2.13 0.00	66.62 2.25 0.00	64.89 2.25 0.00	57.66 2.06 0.00	52.11 1.52 0.00	41.86 1.18 0.00
HUNTINGTON_RES_REC 323705	38.54 1.80 0.00	35.24 1.61 0.00	32.46 1.57 0.00	31.43 1.35 0.00	30.03 1.24 0.00	30.53 1.12 0.00	29.12 1.09 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.49 2.63 -4.58	35.95 2.93 -1.90	39.93 3.19 -2.79	45.47 3.62 -5.96	49.11 4.15 -6.58	54.29 4.77 -4.48	58.22 5.44 -1.48	67.45 5.71 -0.92	70.35 5.99 0.00	67.01 4.38 0.00	59.04 3.45 0.01	52.40 1.82 0.01	43.48 2.80 0.00
HUNTLEY___63 23557	33.77 -2.98 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.39 -2.63 0.00	24.39 -2.68 0.00	22.97 -2.55 0.00	23.46 -2.29 0.00	25.24 -2.59 0.00	25.56 -2.72 0.01	28.04 -3.08 0.01	29.62 -4.31 0.02	31.38 -4.49 0.02	33.61 -4.76 0.02	37.44 -5.63 1.97	42.79 -6.26 2.26	50.13 -6.87 3.81	54.28 -6.69 3.39	52.77 -6.39 3.48	47.18 -5.45 2.97	44.63 -4.35 1.61	36.39 -3.74 0.54
HUNTLEY___64 23558	33.77 -2.98 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.39 -2.63 0.00	24.39 -2.68 0.00	22.97 -2.55 0.00	23.46 -2.29 0.00	25.24 -2.59 0.00	25.56 -2.72 0.01	28.04 -3.08 0.01	29.62 -4.31 0.02	31.38 -4.49 0.02	33.61 -4.76 0.02	37.44 -5.63 1.97	42.79 -6.26 2.26	50.13 -6.87 3.81	54.28 -6.69 3.39	52.77 -6.39 3.48	47.18 -5.45 2.97	44.63 -4.35 1.61	36.39 -3.74 0.54
HUNTLEY___65 23559	33.77 -2.98 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.39 -2.63 0.00	24.39 -2.68 0.00	22.97 -2.55 0.00	23.46 -2.29 0.00	25.24 -2.59 0.00	25.56 -2.72 0.01	28.04 -3.08 0.01	29.62 -4.31 0.02	31.38 -4.49 0.02	33.61 -4.76 0.02	37.44 -5.63 1.97	42.79 -6.26 2.26	50.13 -6.87 3.81	54.28 -6.69 3.39	52.77 -6.39 3.48	47.18 -5.45 2.97	44.63 -4.35 1.61	36.39 -3.74 0.54
HUNTLEY___66 23560	33.77 -2.98 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.39 -2.63 0.00	24.39 -2.68 0.00	22.97 -2.55 0.00	23.46 -2.29 0.00	25.24 -2.59 0.00	25.56 -2.72 0.01	28.04 -3.08 0.01	29.62 -4.31 0.02	31.38 -4.49 0.02	33.61 -4.76 0.02	37.44 -5.63 1.97	42.79 -6.26 2.26	50.13 -6.87 3.81	54.28 -6.69 3.39	52.77 -6.39 3.48	47.18 -5.45 2.97	44.63 -4.35 1.61	36.39 -3.74 0.54
HUNTLEY___67 23561	33.77 -2.98 0.00	30.23 -3.40 0.00	27.80 -3.09 0.00	26.83 -3.25 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.45 -2.58 0.00	24.50 -2.57 0.00	23.08 -2.45 0.00	23.57 -2.19 0.00	25.35 -2.48 0.00	25.68 -2.60 0.00	28.17 -2.96 0.00	29.82 -4.11 0.02	31.55 -4.31 0.02	33.76 -4.61 0.02	37.54 -5.45 2.05	42.88 -6.16 2.27	49.78 -7.05 3.98	53.88 -6.95 3.54	52.37 -6.64 3.63	46.95 -5.56 3.09	44.69 -4.30 1.60	36.36 -3.78 0.54

HUNTLEY___68 23562	33.77 -2.98 0.00	30.23 -3.40 0.00	27.80 -3.09 0.00	26.83 -3.25 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.45 -2.58 0.00	24.50 -2.57 0.00	23.08 -2.45 0.00	23.57 -2.19 0.00	25.35 -2.48 0.00	25.68 -2.60 0.00	28.17 -2.96 0.00	29.82 -4.11 0.02	31.55 -4.31 0.02	33.76 -4.61 0.02	37.54 -5.45 2.05	42.88 -6.16 2.27	49.78 -7.05 3.98	53.88 -6.95 3.54	52.37 -6.64 3.63	46.95 -5.56 3.09	44.69 -4.30 1.60	36.36 -3.78 0.54
HYLAND___LFGE 323620	36.78 0.04 0.00	33.16 -0.47 0.00	30.36 -0.53 0.00	29.51 -0.57 0.00	28.24 -0.55 0.00	28.91 -0.50 0.00	27.41 -0.62 0.00	26.12 -0.95 0.00	24.17 -1.35 0.00	24.42 -1.34 0.00	26.05 -1.78 0.00	26.45 -1.84 0.00	29.20 -1.93 0.00	31.62 -2.41 -0.08	33.09 -2.87 -0.08	35.59 -2.88 -0.08	43.57 -3.11 -1.64	46.93 -2.67 1.71	62.17 -1.77 -3.12	66.59 -0.45 -2.66	65.62 0.25 -2.73	58.24 0.61 -2.03	50.21 0.96 1.34	40.43 0.20 0.45
INDECK___CORINTH 23802	38.91 2.17 0.00	35.68 2.05 0.00	32.81 1.92 0.00	31.98 1.90 0.00	30.64 1.84 0.00	31.32 1.91 0.00	29.62 1.60 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.36 0.53 0.00	28.80 0.51 0.00	31.62 0.50 0.00	34.43 0.48 0.00	36.60 0.72 0.00	39.35 0.96 0.00	46.93 1.89 0.00	53.41 2.10 0.00	64.52 3.71 0.00	68.43 4.06 0.00	66.95 4.32 0.00	59.55 3.95 0.00	53.67 3.09 0.00	42.99 2.32 0.00
INDECK___ILION 23567	36.86 0.11 0.00	33.80 0.17 0.00	31.04 0.15 0.00	30.23 0.15 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.14 0.11 0.00	27.18 0.11 0.00	25.60 0.08 0.00	25.81 0.05 0.00	27.89 0.06 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.41 0.10 0.00	61.12 0.30 0.00	64.76 0.39 0.00	63.01 0.38 0.00	55.93 0.33 0.00	50.94 0.35 0.00	40.92 0.24 0.00
INDECK___OLEAN 23982	34.36 -2.39 0.00	30.94 -2.69 0.00	28.39 -2.50 0.00	27.37 -2.71 0.00	26.17 -2.62 0.00	26.91 -2.50 0.00	25.64 -2.38 0.00	24.88 -2.19 0.00	23.38 -2.14 0.00	23.90 -1.85 0.00	25.72 -2.12 0.00	26.14 -2.15 0.00	28.73 -2.40 0.00	30.84 -3.09 0.02	32.88 -2.98 0.02	35.14 -3.22 0.02	40.42 -2.79 1.83	45.65 -3.64 2.02	53.00 -4.26 3.55	55.80 -5.41 3.16	54.63 -4.76 3.24	47.17 -5.67 2.76	44.25 -4.91 1.43	35.80 -4.39 0.48
INDECK___OSWEGO 23783	35.90 -0.84 0.00	32.82 -0.81 0.00	30.12 -0.77 0.00	29.30 -0.78 0.00	28.07 -0.72 0.00	28.71 -0.71 0.00	27.30 -0.73 0.00	26.34 -0.73 0.00	24.78 -0.74 0.00	25.03 -0.72 0.00	27.00 -0.83 0.00	27.50 -0.79 0.00	30.25 -0.87 0.00	32.94 -1.02 0.00	34.70 -1.18 0.00	37.01 -1.38 0.00	45.14 -1.62 -1.72	52.20 -1.80 -2.69	62.21 -1.95 -3.35	65.46 -1.93 -3.02	63.97 -1.75 -3.09	56.80 -1.50 -2.70	51.47 -1.32 -2.20	40.27 -1.14 -0.74
INDECK___YERKES 23781	33.77 -2.98 0.00	30.30 -3.33 0.00	27.86 -3.03 0.00	26.95 -3.13 0.00	25.74 -3.05 0.00	26.44 -2.97 0.00	25.08 -2.94 0.00	24.42 -2.65 0.00	23.00 -2.53 0.00	23.46 -2.29 0.00	25.24 -2.59 0.00	25.62 -2.66 0.01	28.19 -2.93 0.01	30.23 -3.70 0.02	31.38 -4.49 0.02	33.64 -4.72 0.02	37.44 -5.63 1.97	43.25 -5.80 2.26	50.25 -6.75 3.81	54.28 -6.70 3.39	52.77 -6.39 3.48	47.24 -5.39 2.97	44.78 -4.20 1.61	36.43 -3.70 0.54
INDIAN POINT_GT_1 24139	38.10 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.97 1.18 0.00	30.56 1.15 0.00	29.09 1.06 0.00	28.23 1.16 0.00	26.80 1.28 0.00	27.12 1.37 0.00	29.47 1.64 0.00	29.90 1.61 0.00	32.96 1.84 0.00	36.13 2.17 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.55 3.51 0.00	55.30 4.00 0.01	65.37 4.56 0.00	68.75 4.38 0.00	66.46 3.82 0.00	58.54 2.95 0.00	53.17 2.58 0.00	42.79 2.12 0.00
INDIAN POINT_GT_2 23659	38.10 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.97 1.18 0.00	30.56 1.15 0.00	29.09 1.06 0.00	28.23 1.16 0.00	26.80 1.28 0.00	27.12 1.37 0.00	29.47 1.64 0.00	29.90 1.61 0.00	32.96 1.84 0.00	36.13 2.17 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.55 3.51 0.00	55.30 4.00 0.01	65.37 4.56 0.00	68.75 4.38 0.00	66.46 3.82 0.00	58.54 2.95 0.00	53.17 2.58 0.00	42.79 2.12 0.00
INDIAN POINT_GT_3 24019	38.10 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.97 1.18 0.00	30.56 1.15 0.00	29.09 1.06 0.00	28.23 1.16 0.00	26.80 1.28 0.00	27.12 1.37 0.00	29.47 1.64 0.00	29.90 1.61 0.00	32.96 1.84 0.00	36.13 2.17 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.55 3.51 0.00	55.30 4.00 0.01	65.37 4.56 0.00	68.75 4.38 0.00	66.46 3.82 0.00	58.54 2.95 0.00	53.17 2.58 0.00	42.79 2.12 0.00
INDIAN POINT___2 23530	38.07 1.32 0.00	34.97 1.35 0.00	32.16 1.27 0.00	31.28 1.20 0.00	29.94 1.15 0.00	30.53 1.12 0.00	29.06 1.04 0.00	28.21 1.14 0.00	26.78 1.25 0.00	27.09 1.34 0.00	29.45 1.61 0.00	29.87 1.58 0.00	32.93 1.81 0.00	36.09 2.14 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.51 3.47 0.00	55.30 3.90 0.01	65.25 4.44 0.00	68.68 4.31 0.00	66.46 3.82 0.00	58.49 2.89 0.00	53.07 2.48 0.00	42.71 2.03 0.00
INDIAN POINT___3 23531	38.07 1.32 0.00	34.97 1.35 0.00	32.16 1.27 0.00	31.28 1.20 0.00	29.94 1.15 0.00	30.53 1.12 0.00	29.06 1.04 0.00	28.21 1.14 0.00	26.80 1.28 0.00	27.10 1.34 0.00	29.45 1.61 0.00	29.87 1.58 0.00	32.93 1.81 0.00	36.09 2.14 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.51 3.47 0.00	55.20 3.90 0.01	65.25 4.44 0.00	68.62 4.25 0.00	66.39 3.76 0.00	58.49 2.89 0.00	53.07 2.48 0.00	42.71 2.03 0.00
INDIANHDD_69_KV_BK1 55831	38.66 1.91 0.00	35.31 1.68 0.00	32.53 1.64 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.15 1.12 0.00	28.42 1.35 0.00	27.39 1.86 0.00	27.92 2.16 0.00	32.64 2.78 -2.03	35.61 2.74 -4.58	36.04 3.02 -1.90	40.17 3.43 -2.79	45.56 3.73 -5.94	49.21 4.26 -6.56	54.45 4.95 -4.46	58.58 5.80 -1.47	67.63 5.90 -0.92	70.29 5.92 0.00	66.95 4.32 0.00	59.15 3.56 0.01	52.55 1.97 0.01	43.60 2.93 0.00
INGHAM_C_115KV_TB7 356103	36.93 0.18 0.00	33.86 0.24 0.00	31.14 0.25 0.00	30.32 0.24 0.00	28.99 0.20 0.00	29.65 0.24 0.00	28.19 0.17 0.00	27.23 0.16 0.00	25.65 0.13 0.00	25.86 0.10 0.00	27.92 0.08 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.41 0.10 0.00	61.12 0.30 0.00	64.89 0.51 0.00	63.14 0.50 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.12 0.45 0.00
IP CORINTH___1 23988	38.91 2.17 0.00	35.68 2.05 0.00	32.80 1.92 0.00	31.97 1.89 0.00	30.64 1.84 0.00	31.32 1.91 0.00	29.59 1.57 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.39 0.56 0.00	28.82 0.54 0.00	31.62 0.50 0.00	34.53 0.58 0.00	36.60 0.72 0.00	39.35 0.96 0.00	46.93 1.89 0.00	53.36 2.05 0.00	64.52 3.71 0.00	68.49 4.12 0.00	67.02 4.38 0.00	59.55 3.95 0.00	53.67 3.09 0.00	42.99 2.32 0.00

IP___TICONDEROGA 23804	40.05 3.31 0.00	36.65 3.03 0.00	33.67 2.78 0.00	32.82 2.74 0.00	31.47 2.68 0.00	32.21 2.79 0.00	30.32 2.30 0.00	28.72 1.65 0.00	26.75 1.23 0.00	26.79 1.03 0.00	28.61 0.78 0.00	29.05 0.76 0.00	31.97 0.84 0.00	34.90 0.95 0.00	37.03 1.15 0.00	39.85 1.46 0.00	47.74 2.70 0.00	54.33 3.03 0.00	66.22 5.41 0.00	70.61 6.24 0.00	69.34 6.70 0.00	61.60 6.00 0.00	55.29 4.70 0.00	44.17 3.50 0.00
ISLIP_RES_REC 323679	38.84 2.09 0.00	35.44 1.81 0.00	32.68 1.79 0.00	31.64 1.56 0.00	30.23 1.44 0.00	30.71 1.29 0.00	29.29 1.26 0.00	28.53 1.46 0.00	27.54 2.02 0.00	28.31 2.55 0.00	32.81 2.95 -2.02	35.72 2.86 -4.58	36.14 3.11 -1.90	40.11 3.36 -2.80	45.84 3.80 -6.16	49.54 4.37 -6.78	54.80 5.09 -4.68	58.75 5.90 -1.54	67.98 6.21 -0.96	70.80 6.44 0.00	67.39 4.76 0.00	59.38 3.78 0.01	52.71 2.12 0.01	43.73 3.05 0.00
JAMAICA__27_KV_LOAD 355505	38.55 1.80 0.00	35.34 1.72 0.00	32.50 1.61 0.00	31.64 1.56 0.00	30.26 1.47 0.00	30.88 1.47 0.00	29.54 1.51 0.00	28.77 1.71 0.00	27.39 1.86 0.00	27.71 1.96 0.00	30.23 2.39 -0.01	30.67 2.38 -0.01	33.78 2.65 -0.01	37.01 3.06 0.00	39.22 3.34 0.00	42.27 3.88 -0.01	53.97 4.77 -4.16	57.96 5.39 -1.26	66.95 6.14 0.00	70.36 5.99 0.00	67.96 5.32 0.00	59.66 4.06 0.00	54.28 3.69 0.00	43.56 2.89 0.00
JANIS___SOLAR 323808	37.55 0.81 0.00	34.26 0.64 0.00	31.41 0.52 0.00	30.53 0.45 0.00	29.22 0.43 0.00	29.88 0.47 0.00	28.33 0.31 0.00	27.18 0.11 0.00	25.35 -0.18 0.00	25.50 -0.26 0.00	27.39 -0.45 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.28 -0.68 -0.01	35.17 -0.72 -0.01	37.74 -0.65 -0.01	44.54 -0.41 0.09	50.87 0.05 0.49	61.54 0.91 0.18	65.80 1.61 0.18	64.40 1.94 0.18	56.97 1.55 0.19	51.69 1.47 0.37	41.45 0.89 0.12
JARVIS____ 23743	36.78 0.04 0.00	33.69 0.07 0.00	30.98 0.09 0.00	30.17 0.09 0.00	28.88 0.09 0.00	29.50 0.09 0.00	28.05 0.03 0.00	27.10 0.03 0.00	25.55 0.03 0.00	25.76 0.00 0.00	27.86 0.03 0.00	28.29 0.00 0.00	31.13 0.00 0.00	33.95 0.00 0.00	35.92 0.04 0.00	38.43 0.04 0.00	45.13 0.09 0.00	51.36 0.05 0.00	60.93 0.12 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.71 0.11 0.00	50.64 0.05 0.00	40.72 0.04 0.00
JENNISON___1 23625	37.66 0.92 0.00	34.43 0.81 0.00	31.60 0.71 0.00	30.71 0.63 0.00	29.40 0.60 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.42 0.35 0.00	25.73 0.20 0.00	25.96 0.21 0.00	28.00 0.17 0.00	28.43 0.14 0.00	31.34 0.22 0.00	34.12 0.17 0.00	36.10 0.22 0.00	38.73 0.35 0.00	45.46 0.68 0.26	51.79 0.92 0.44	62.01 1.70 0.50	66.04 2.12 0.45	64.43 2.25 0.46	56.92 1.72 0.41	51.83 1.57 0.33	41.58 1.02 0.11
JENNISON___2 23626	37.66 0.92 0.00	34.43 0.81 0.00	31.60 0.71 0.00	30.71 0.63 0.00	29.40 0.60 0.00	30.06 0.65 0.00	28.50 0.48 0.00	27.42 0.35 0.00	25.73 0.20 0.00	25.96 0.21 0.00	28.00 0.17 0.00	28.43 0.14 0.00	31.34 0.22 0.00	34.12 0.17 0.00	36.10 0.22 0.00	38.73 0.35 0.00	45.46 0.68 0.26	51.79 0.92 0.44	62.01 1.70 0.50	66.04 2.12 0.45	64.43 2.25 0.46	56.92 1.72 0.41	51.83 1.57 0.33	41.58 1.02 0.11
JERICHO_RISE_WT_PWR 323719	36.82 0.07 0.00	33.66 0.03 0.00	30.89 0.00 0.00	30.11 0.03 0.00	28.82 0.03 0.00	29.47 0.06 0.00	28.11 0.08 0.00	27.15 0.08 0.00	25.60 0.08 0.00	25.89 0.13 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.09 0.14 0.00	35.95 0.07 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.26 -0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.57 -0.06 0.00	55.43 -0.17 0.00	50.59 0.00 0.00	40.76 0.08 0.00
KATONAH___115KV_46KV_TB4 355592	38.29 1.54 0.00	35.14 1.51 0.00	32.28 1.39 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.68 1.26 0.00	29.20 1.18 0.00	28.34 1.27 0.00	26.88 1.35 0.00	27.17 1.42 0.00	29.56 1.73 0.00	29.98 1.70 0.00	33.06 1.93 0.00	36.30 2.34 0.00	38.43 2.55 0.00	41.34 2.96 0.00	48.73 3.69 0.00	55.51 4.21 0.01	65.74 4.93 0.00	69.13 4.76 0.00	66.83 4.20 0.00	58.88 3.28 0.00	53.37 2.78 0.00	42.95 2.28 0.00
KCE_NY_1 323755	38.25 1.51 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.49 1.41 0.00	30.17 1.38 0.00	30.82 1.41 0.00	29.20 1.18 0.00	27.93 0.87 0.00	26.24 0.71 0.00	26.32 0.57 0.00	28.42 0.59 0.00	28.85 0.57 0.00	31.72 0.59 0.00	34.63 0.68 0.00	36.78 0.90 0.00	39.50 1.11 0.00	46.62 1.58 0.00	53.00 1.69 0.00	63.31 2.49 0.00	67.01 2.64 0.00	65.46 2.82 0.00	58.27 2.67 0.00	52.61 2.03 0.00	42.26 1.58 0.00
KCE_NY_6_ESR 323823	34.10 -2.65 0.00	30.60 -3.03 0.00	28.11 -2.78 0.00	27.19 -2.89 0.00	25.97 -2.82 0.00	26.71 -2.71 0.00	25.39 -2.64 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.04 0.00	25.55 -2.28 0.00	25.94 -2.35 0.00	28.54 -2.58 0.00	30.60 -3.33 0.02	31.98 -3.88 0.02	34.26 -4.11 0.02	38.33 -4.64 2.07	44.00 -5.13 2.17	50.83 -5.96 4.02	54.62 -6.18 3.57	53.21 -5.76 3.66	47.38 -5.11 3.11	45.15 -3.89 1.54	36.62 -3.54 0.52
KEDC_PORT_JEFF_GT2 24210	38.62 1.87 0.00	35.27 1.65 0.00	32.53 1.64 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.56 1.15 0.00	29.17 1.15 0.00	28.39 1.33 0.00	27.39 1.86 0.00	28.12 2.37 0.00	32.64 2.78 -2.02	35.55 2.69 -4.58	35.95 2.93 -1.90	39.86 3.12 -2.78	45.24 3.55 -5.81	48.92 4.11 -6.42	54.14 4.77 -4.32	58.23 5.49 -1.43	67.29 5.59 -0.89	70.09 5.73 0.00	66.76 4.13 0.00	58.93 3.34 0.01	52.35 1.77 0.01	43.48 2.80 0.00
KEDC_PORT_JEFF_GT3 24211	38.62 1.87 0.00	35.27 1.65 0.00	32.53 1.64 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.56 1.15 0.00	29.17 1.15 0.00	28.39 1.33 0.00	27.39 1.86 0.00	28.12 2.37 0.00	32.64 2.78 -2.02	35.55 2.69 -4.58	35.95 2.93 -1.90	39.86 3.12 -2.78	45.24 3.55 -5.81	48.92 4.11 -6.42	54.14 4.77 -4.32	58.23 5.49 -1.43	67.29 5.59 -0.89	70.09 5.73 0.00	66.76 4.13 0.00	58.93 3.34 0.01	52.35 1.77 0.01	43.48 2.80 0.00
KEDC_GLWD_GT4 24219	38.47 1.73 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.39 1.33 0.00	27.13 1.61 0.00	27.61 1.86 0.00	32.11 2.25 -2.03	35.13 2.26 -4.58	35.51 2.49 -1.90	40.39 2.78 -3.65	61.33 3.23 -22.22	64.94 3.72 -22.83	70.32 4.55 -20.73	63.33 5.13 -6.89	70.64 5.53 -4.29	70.10 5.73 -0.01	67.28 4.64 -0.01	59.33 3.73 -0.01	53.21 2.63 0.00	43.32 2.64 0.00
KEDC_GLWD_GT5 24220	38.47 1.73 0.00	35.24 1.61 0.00	32.40 1.51 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.39 1.33 0.00	27.13 1.61 0.00	27.61 1.86 0.00	32.11 2.25 -2.03	35.13 2.26 -4.58	35.51 2.49 -1.90	40.39 2.78 -3.65	61.33 3.23 -22.22	64.94 3.72 -22.83	70.32 4.55 -20.73	63.33 5.13 -6.89	70.64 5.53 -4.29	70.10 5.73 -0.01	67.28 4.64 -0.01	59.33 3.73 -0.01	53.21 2.63 0.00	43.32 2.64 0.00

KENSICO____ 23655	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.90 1.38 0.00	27.20 1.44 0.00	29.59 1.75 0.00	30.01 1.73 0.00	33.09 1.96 0.00	36.26 2.31 0.00	38.43 2.55 0.00	41.38 2.99 0.00	48.73 3.69 0.00	55.51 4.21 0.01	65.56 4.74 0.00	68.94 4.57 0.00	66.65 4.01 0.00	58.71 3.11 0.00	53.27 2.68 0.00	42.91 2.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.40 1.65 0.00	35.24 1.61 0.00	32.34 1.45 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.68 1.26 0.00	29.20 1.18 0.00	28.26 1.19 0.00	26.83 1.30 0.00	27.07 1.31 0.00	29.36 1.53 0.00	29.81 1.53 0.00	32.90 1.77 0.00	36.06 2.11 0.00	38.25 2.37 0.00	41.23 2.84 0.00	48.69 3.65 0.00	55.66 4.36 0.01	66.16 5.35 0.00	69.65 5.28 0.00	67.33 4.70 0.00	59.27 3.67 0.00	53.67 3.09 0.00	43.08 2.40 0.00
KIAC_JFK_GT1 23816	38.32 1.58 0.00	35.17 1.55 0.00	32.34 1.45 0.00	31.49 1.41 0.00	30.12 1.32 0.00	30.74 1.32 0.00	29.37 1.35 0.00	28.61 1.54 0.00	27.26 1.74 0.00	27.58 1.83 0.00	30.09 2.25 -0.01	30.53 2.23 -0.01	33.62 2.49 -0.01	36.84 2.89 0.00	39.04 3.16 0.00	42.04 3.65 -0.01	53.70 4.50 -4.16	57.65 5.08 -1.26	66.35 5.53 0.00	69.78 5.41 0.00	67.33 4.70 0.00	59.32 3.73 0.00	53.98 3.39 0.00	43.36 2.68 0.00
KIAC_JFK_GT2 23817	38.32 1.58 0.00	35.17 1.55 0.00	32.34 1.45 0.00	31.49 1.41 0.00	30.12 1.32 0.00	30.74 1.32 0.00	29.37 1.35 0.00	28.61 1.54 0.00	27.26 1.74 0.00	27.58 1.83 0.00	30.09 2.25 -0.01	30.53 2.23 -0.01	33.62 2.49 -0.01	36.84 2.89 0.00	39.04 3.16 0.00	42.04 3.65 -0.01	53.70 4.50 -4.16	57.65 5.08 -1.26	66.35 5.53 0.00	69.78 5.41 0.00	67.33 4.70 0.00	59.32 3.73 0.00	53.98 3.39 0.00	43.36 2.68 0.00
KIAC_JFK____ 323774	38.32 1.58 0.00	35.18 1.55 0.00	32.34 1.45 0.00	31.49 1.41 0.00	30.12 1.33 0.00	30.71 1.29 0.00	29.40 1.37 0.00	28.61 1.54 0.00	27.26 1.74 0.00	27.58 1.83 0.00	30.07 2.23 -0.01	30.53 2.23 -0.01	33.59 2.46 -0.01	36.67 2.72 0.00	39.04 3.16 0.00	42.05 3.65 -0.01	53.70 4.50 -4.16	57.70 5.13 -1.26	66.35 5.53 0.00	69.78 5.41 0.00	67.39 4.76 0.00	59.32 3.73 0.00	53.98 3.39 0.00	43.36 2.68 0.00
KINTIGH_24_KV_GSU 356498	34.03 -2.72 0.00	30.57 -3.06 0.00	28.11 -2.78 0.00	27.22 -2.86 0.00	26.06 -2.74 0.00	26.74 -2.68 0.00	25.45 -2.58 0.00	24.80 -2.27 0.00	23.36 -2.17 0.00	23.82 -1.93 0.00	25.63 -2.20 0.00	26.02 -2.26 0.00	28.67 -2.46 0.00	30.82 -3.12 0.01	31.96 -3.91 0.01	34.15 -4.22 0.01	37.96 -5.27 1.81	43.58 -5.70 2.03	50.72 -6.57 3.53	54.91 -6.31 3.15	53.39 -6.01 3.23	48.35 -4.50 2.75	45.47 -3.34 1.78	37.03 -3.05 0.60
KINTIGH____ 23543	34.03 -2.72 0.00	30.53 -3.09 0.00	28.11 -2.78 0.00	27.16 -2.92 0.00	26.06 -2.74 0.00	26.68 -2.74 0.00	25.70 -2.33 0.00	24.80 -2.27 0.00	23.36 -2.17 0.00	23.82 -1.93 0.00	25.63 -2.20 0.00	26.00 -2.29 0.00	28.54 -2.58 0.00	30.11 -3.84 0.01	31.96 -3.91 0.01	34.15 -4.22 0.01	37.96 -5.27 1.81	44.05 -5.23 2.03	50.54 -6.75 3.53	54.98 -6.24 3.15	53.46 -5.95 3.23	48.29 -4.56 2.75	45.37 -3.44 1.78	37.03 -3.05 0.60
KNTFSRNC_46_KV_46KV_LOAD 80397	37.33 0.59 0.00	34.13 0.50 0.00	31.29 0.40 0.00	30.50 0.42 0.00	29.20 0.40 0.00	29.88 0.47 0.00	28.47 0.45 0.00	27.47 0.41 0.00	25.88 0.36 0.00	26.17 0.41 0.00	28.22 0.39 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.43 0.48 0.00	36.35 0.47 0.00	38.85 0.46 0.00	45.54 0.50 0.00	51.87 0.56 0.00	61.60 0.79 0.00	65.40 1.03 0.00	63.51 0.88 0.00	56.21 0.61 0.00	51.30 0.71 0.00	41.37 0.69 0.00
LACHUTE____HYDRO 323717	40.05 3.31 0.00	36.66 3.03 0.00	33.67 2.78 0.00	32.82 2.74 0.00	31.47 2.68 0.00	32.21 2.80 0.00	30.32 2.30 0.00	28.72 1.65 0.00	26.75 1.23 0.00	26.79 1.03 0.00	28.61 0.78 0.00	29.05 0.76 0.00	31.93 0.81 0.00	34.77 0.81 0.00	37.03 1.15 0.00	39.85 1.46 0.00	47.74 2.70 0.00	54.39 3.08 0.00	66.22 5.41 0.00	70.61 6.24 0.00	69.27 6.64 0.00	61.60 6.01 0.00	55.29 4.71 0.00	44.17 3.50 0.00
LAWRNCV_115KV_TB1 80681	36.71 -0.04 0.00	33.56 -0.07 0.00	30.80 -0.09 0.00	30.02 -0.06 0.00	28.73 -0.06 0.00	29.38 -0.03 0.00	28.00 -0.03 0.00	27.01 -0.05 0.00	25.40 -0.13 0.00	25.63 -0.13 0.00	27.58 -0.25 0.00	27.98 -0.31 0.00	30.78 -0.34 0.00	33.55 -0.41 0.00	35.45 -0.43 0.00	37.89 -0.50 0.00	44.45 -0.59 0.00	50.69 -0.62 0.00	60.08 -0.73 0.00	63.92 -0.45 0.00	62.26 -0.38 0.00	55.15 -0.44 0.00	50.39 -0.20 0.00	40.64 -0.04 0.00
LEDERLE____ 23769	38.25 1.51 0.00	35.14 1.51 0.00	32.28 1.39 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.88 1.35 0.00	27.17 1.42 0.00	29.53 1.70 0.00	29.98 1.70 0.00	33.06 1.93 0.00	36.26 2.31 0.00	38.43 2.55 0.00	41.38 2.99 0.00	48.73 3.69 0.00	55.51 4.21 0.01	65.68 4.86 0.00	69.07 4.70 0.00	66.83 4.20 0.00	58.88 3.28 0.00	53.42 2.83 0.00	42.91 2.24 0.00
LIGHTHSE_115KV_TB6 355974	36.41 -0.33 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.75 -0.33 0.00	28.48 -0.32 0.00	29.12 -0.29 0.00	27.63 -0.39 0.00	26.58 -0.49 0.00	24.96 -0.56 0.00	25.19 -0.57 0.00	27.14 -0.70 0.00	27.61 -0.68 0.00	30.41 -0.72 0.00	33.00 -0.95 0.00	34.88 -1.00 0.00	37.28 -1.11 0.00	44.17 -1.22 -0.34	50.51 -1.33 -0.53	60.32 -1.16 -0.67	64.20 -0.77 -0.60	62.69 -0.56 -0.61	55.58 -0.56 -0.54	50.67 -0.35 -0.44	40.42 -0.41 -0.15
LINDEN COGEN____ 23786	38.25 1.51 0.00	35.07 1.44 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.59 1.18 0.00	29.23 1.20 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.27 2.15 0.00	36.36 2.41 0.00	38.68 2.80 0.00	41.65 3.26 0.00	53.25 4.06 -4.16	57.24 4.67 -1.26	65.98 5.17 0.00	69.39 5.02 0.00	67.02 4.38 0.00	58.82 3.22 0.00	53.47 2.88 0.00	43.08 2.40 0.00
LINDHRST_69_KV_BK1 356055	38.88 2.13 0.00	35.51 1.88 0.00	32.68 1.79 0.00	31.64 1.56 0.00	30.23 1.44 0.00	30.77 1.35 0.00	29.29 1.26 0.00	28.53 1.46 0.00	27.44 1.91 0.00	28.00 2.24 0.00	32.70 2.84 -2.03	35.66 2.80 -4.58	36.14 3.11 -1.90	40.60 3.53 -3.12	51.93 3.88 -12.17	55.59 4.41 -12.78	60.95 5.22 -10.68	60.91 6.05 -3.55	69.47 6.45 -2.21	71.00 6.63 0.00	67.71 5.07 0.00	59.77 4.17 0.00	53.16 2.58 0.01	43.85 3.17 0.00
LIPA_MISC_IPP 23656	38.40 1.65 0.00	35.11 1.48 0.00	32.43 1.54 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.53 1.12 0.00	29.06 1.04 0.00	28.31 1.25 0.00	27.36 1.84 0.00	27.87 2.11 0.00	32.56 2.70 -2.03	35.38 2.52 -4.58	35.79 2.77 -1.90	39.71 2.99 -2.77	44.81 3.27 -5.66	48.43 3.76 -6.28	53.58 4.37 -4.18	57.92 5.23 -1.38	66.96 5.29 -0.86	69.58 5.21 0.00	66.26 3.63 0.00	58.60 3.00 0.01	52.00 1.42 0.01	43.28 2.60 0.00

LISF___SOLAR 323691	38.47 1.73 0.00	35.14 1.51 0.00	32.49 1.61 0.00	31.43 1.35 0.00	30.03 1.24 0.00	30.53 1.12 0.00	29.12 1.09 0.00	28.34 1.27 0.00	27.39 1.86 0.00	28.15 2.40 0.00	32.59 2.73 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.61 2.88 -2.78	44.90 3.30 -5.72	48.52 3.80 -6.33	53.73 4.46 -4.23	57.89 5.18 -1.40	67.09 5.41 -0.87	70.03 5.67 0.00	66.64 4.01 0.00	58.70 3.11 0.01	52.10 1.52 0.01	43.36 2.68 0.00
LITTLE FALLS___HYD 24013	36.93 0.18 0.00	33.86 0.24 0.00	31.14 0.25 0.00	30.32 0.24 0.00	28.99 0.20 0.00	29.65 0.24 0.00	28.19 0.17 0.00	27.23 0.16 0.00	25.65 0.13 0.00	25.86 0.10 0.00	27.92 0.08 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.41 0.10 0.00	61.12 0.30 0.00	64.89 0.51 0.00	63.14 0.50 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.12 0.45 0.00
LITTLRIV_115KV_TB1 356100	37.04 0.29 0.00	33.86 0.24 0.00	31.04 0.15 0.00	30.29 0.21 0.00	28.97 0.17 0.00	29.62 0.21 0.00	28.22 0.20 0.00	27.18 0.11 0.00	25.50 -0.03 0.00	25.70 -0.05 0.00	27.67 -0.17 0.00	28.03 -0.25 0.00	30.85 -0.28 0.00	33.65 -0.31 0.00	35.52 -0.36 0.00	38.00 -0.38 0.00	44.59 -0.45 0.00	50.90 -0.41 0.00	60.51 -0.30 0.00	64.56 0.19 0.00	62.95 0.31 0.00	55.71 0.11 0.00	50.94 0.35 0.00	41.04 0.37 0.00
LI_NEWBRDGE___DRP 323616	38.21 1.47 0.00	34.97 1.35 0.00	32.19 1.30 0.00	31.19 1.11 0.00	29.80 1.01 0.00	30.35 0.94 0.00	28.89 0.87 0.00	28.15 1.08 0.00	27.01 1.48 0.00	27.48 1.73 0.00	32.11 2.25 -2.03	35.10 2.23 -4.58	35.51 2.49 -1.90	39.44 2.89 -2.60	41.56 3.19 -2.49	45.14 3.65 -3.10	50.46 4.41 -1.00	56.66 5.03 -0.32	66.30 5.29 -0.20	69.90 5.54 0.01	66.83 4.20 0.01	58.87 3.28 0.01	52.40 1.82 0.01	43.08 2.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.36 -3.38 0.00	29.86 -3.77 0.00	27.49 -3.40 0.00	26.53 -3.55 0.00	25.42 -3.37 0.00	26.06 -3.35 0.00	25.14 -2.89 0.00	24.20 -2.87 0.00	22.77 -2.76 0.00	23.26 -2.50 0.00	25.02 -2.81 0.00	25.34 -2.94 0.00	27.82 -3.30 0.00	29.32 -4.62 0.02	31.09 -4.77 0.02	33.30 -5.07 0.02	37.03 -6.13 1.89	42.39 -6.67 2.25	49.30 -7.84 3.66	53.51 -7.60 3.26	52.02 -7.27 3.35	46.79 -5.95 2.86	44.29 -4.65 1.64	36.10 -4.03 0.55
LOCKPORT___CC1 323769	33.44 -3.31 0.00	29.93 -3.70 0.00	27.52 -3.37 0.00	26.62 -3.46 0.00	25.45 -3.34 0.00	26.15 -3.27 0.00	24.89 -3.14 0.00	24.25 -2.82 0.00	22.82 -2.71 0.00	23.31 -2.45 0.00	25.08 -2.76 0.00	25.46 -2.83 0.00	28.01 -3.11 0.00	30.03 -3.90 0.02	31.16 -4.70 0.02	33.34 -5.03 0.02	37.08 -6.03 1.92	42.44 -6.62 2.25	49.42 -7.66 3.73	53.45 -7.60 3.32	51.96 -7.26 3.41	46.79 -5.89 2.91	44.45 -4.50 1.64	36.14 -3.98 0.55
LOCKPORT___CC2 323770	33.44 -3.31 0.00	29.93 -3.70 0.00	27.52 -3.37 0.00	26.62 -3.46 0.00	25.45 -3.34 0.00	26.15 -3.27 0.00	24.89 -3.14 0.00	24.25 -2.82 0.00	22.82 -2.71 0.00	23.31 -2.45 0.00	25.08 -2.76 0.00	25.46 -2.83 0.00	28.01 -3.11 0.00	30.03 -3.90 0.02	31.16 -4.70 0.02	33.34 -5.03 0.02	37.08 -6.03 1.92	42.44 -6.62 2.25	49.42 -7.66 3.73	53.45 -7.60 3.32	51.96 -7.26 3.41	46.79 -5.89 2.91	44.45 -4.50 1.64	36.14 -3.98 0.55
LOCKPORT___CC3 323771	33.44 -3.31 0.00	29.93 -3.70 0.00	27.52 -3.37 0.00	26.62 -3.46 0.00	25.45 -3.34 0.00	26.15 -3.27 0.00	24.89 -3.14 0.00	24.25 -2.82 0.00	22.82 -2.71 0.00	23.31 -2.45 0.00	25.08 -2.76 0.00	25.46 -2.83 0.00	28.01 -3.11 0.00	30.03 -3.90 0.02	31.16 -4.70 0.02	33.34 -5.03 0.02	37.08 -6.03 1.92	42.44 -6.62 2.25	49.42 -7.66 3.73	53.45 -7.60 3.32	51.96 -7.26 3.41	46.79 -5.89 2.91	44.45 -4.50 1.64	36.14 -3.98 0.55
LOCUSVLY_69_KV_BK2 55797	38.62 1.87 0.00	35.34 1.72 0.00	32.50 1.61 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.68 1.26 0.00	29.23 1.21 0.00	28.45 1.38 0.00	27.26 1.74 0.00	27.74 1.98 0.00	32.36 2.50 -2.03	35.35 2.49 -4.58	35.82 2.80 -1.90	40.62 3.23 -3.45	57.73 3.55 -18.29	61.37 4.07 -18.91	66.71 4.86 -16.81	62.44 5.54 -5.59	70.19 5.90 -3.48	70.36 5.99 0.00	67.40 4.76 0.00	59.49 3.89 0.00	53.21 2.63 0.00	43.52 2.85 0.00
LONG_LAKE_PHOENIX 24014	35.97 -0.77 0.00	32.85 -0.77 0.00	30.15 -0.74 0.00	29.33 -0.75 0.00	28.10 -0.69 0.00	28.71 -0.71 0.00	27.32 -0.70 0.00	26.37 -0.70 0.00	24.81 -0.71 0.00	25.06 -0.70 0.00	27.02 -0.81 0.00	27.52 -0.76 0.00	30.32 -0.81 0.00	32.94 -1.02 0.00	34.77 -1.11 0.00	37.08 -1.31 0.00	44.48 -1.53 -0.97	51.18 -1.64 -1.52	60.88 -1.82 -1.89	64.33 -1.74 -1.70	62.81 -1.57 -1.74	55.73 -1.39 -1.52	50.61 -1.21 -1.24	40.03 -1.06 -0.42
LOVETT___3 23632	38.03 1.29 0.00	34.94 1.31 0.00	32.09 1.20 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.03 1.01 0.00	28.18 1.11 0.00	26.75 1.23 0.00	27.07 1.31 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.90 1.77 0.00	36.06 2.11 0.00	38.21 2.33 0.00	41.15 2.76 0.00	48.46 3.42 0.00	55.15 3.85 0.01	65.19 4.38 0.00	68.55 4.18 0.00	66.33 3.70 0.00	58.43 2.84 0.00	53.02 2.43 0.00	42.67 1.99 0.00
LOVETT___4 23642	38.03 1.29 0.00	34.94 1.31 0.00	32.09 1.20 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.03 1.01 0.00	28.18 1.11 0.00	26.75 1.23 0.00	27.07 1.31 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.90 1.77 0.00	36.06 2.11 0.00	38.21 2.33 0.00	41.15 2.76 0.00	48.46 3.42 0.00	55.15 3.85 0.01	65.19 4.38 0.00	68.55 4.18 0.00	66.33 3.70 0.00	58.43 2.84 0.00	53.02 2.43 0.00	42.67 1.99 0.00
LOVETT___5 23593	38.03 1.29 0.00	34.94 1.31 0.00	32.09 1.20 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.03 1.01 0.00	28.18 1.11 0.00	26.75 1.23 0.00	27.07 1.31 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.90 1.77 0.00	36.06 2.11 0.00	38.21 2.33 0.00	41.15 2.76 0.00	48.46 3.42 0.00	55.15 3.85 0.01	65.19 4.38 0.00	68.55 4.18 0.00	66.33 3.70 0.00	58.43 2.84 0.00	53.02 2.43 0.00	42.67 1.99 0.00
LOWER RAQUET___HYD 24057	36.63 -0.11 0.00	33.53 -0.10 0.00	30.74 -0.15 0.00	29.96 -0.12 0.00	28.68 -0.11 0.00	29.33 -0.09 0.00	27.94 -0.08 0.00	26.93 -0.13 0.00	25.32 -0.21 0.00	25.55 -0.21 0.00	27.50 -0.33 0.00	27.86 -0.42 0.00	30.66 -0.47 0.00	33.45 -0.51 0.00	35.31 -0.58 0.00	37.77 -0.62 0.00	44.27 -0.77 0.00	50.54 -0.77 0.00	59.96 -0.85 0.00	63.79 -0.58 0.00	62.13 -0.50 0.00	55.04 -0.56 0.00	50.29 -0.30 0.00	40.55 -0.12 0.00
LOWER___HUDSON 24059	37.59 0.85 0.00	34.60 0.98 0.00	31.88 0.99 0.00	31.10 1.02 0.00	29.83 1.04 0.00	30.44 1.03 0.00	28.86 0.84 0.00	27.72 0.65 0.00	26.11 0.59 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.65 0.53 0.00	34.63 0.68 0.00	36.74 0.86 0.00	39.43 1.04 0.00	46.26 1.22 0.00	52.44 1.13 0.00	62.27 1.46 0.00	65.66 1.29 0.00	64.14 1.50 0.00	57.15 1.55 0.00	51.65 1.06 0.00	41.53 0.86 0.00

LOWVILLE_115KV_TB2 356335	36.74 0.00 0.00	33.69 0.07 0.00	31.04 0.15 0.00	30.26 0.18 0.00	28.97 0.17 0.00	29.65 0.24 0.00	28.11 0.08 0.00	27.10 0.03 0.00	25.40 -0.13 0.00	25.58 -0.18 0.00	27.41 -0.42 0.00	27.86 -0.42 0.00	30.66 -0.47 0.00	33.31 -0.65 0.00	35.20 -0.68 0.00	37.74 -0.65 0.00	44.45 -0.59 0.00	50.79 -0.51 0.00	60.81 0.00 0.00	65.08 0.71 0.00	63.64 1.00 0.00	56.38 0.78 0.00	51.50 0.91 0.00	41.25 0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.21 1.47 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.49 1.41 0.00	30.17 1.38 0.00	30.82 1.41 0.00	29.15 1.12 0.00	27.94 0.87 0.00	26.24 0.71 0.00	26.32 0.57 0.00	28.42 0.58 0.00	28.85 0.57 0.00	31.72 0.59 0.00	34.73 0.78 0.00	36.78 0.90 0.00	39.50 1.11 0.00	46.57 1.53 0.00	52.95 1.64 0.00	63.31 2.49 0.00	67.01 2.64 0.00	65.46 2.82 0.00	58.21 2.61 0.00	52.61 2.02 0.00	42.22 1.55 0.00
LUTHERNY_35_KV_BK2 355980	38.25 1.51 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.49 1.41 0.00	30.17 1.38 0.00	30.82 1.41 0.00	29.17 1.15 0.00	27.94 0.87 0.00	26.24 0.71 0.00	26.32 0.57 0.00	28.42 0.58 0.00	28.85 0.57 0.00	31.75 0.62 0.00	34.77 0.81 0.00	36.78 0.90 0.00	39.50 1.11 0.00	46.62 1.58 0.00	52.95 1.64 0.00	63.31 2.49 0.00	67.01 2.64 0.00	65.52 2.88 0.00	58.27 2.67 0.00	52.66 2.07 0.00	42.26 1.59 0.00
LWR__OSWEGATCHIE_HYD 23850	36.56 -0.18 0.00	33.46 -0.17 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.35 -0.06 0.00	27.86 -0.17 0.00	26.85 -0.22 0.00	25.19 -0.33 0.00	25.40 -0.36 0.00	27.28 -0.56 0.00	27.69 -0.59 0.00	30.47 -0.65 0.00	33.14 -0.81 0.00	35.02 -0.86 0.00	37.51 -0.88 0.00	44.09 -0.95 0.00	50.38 -0.92 0.00	60.08 -0.73 0.00	64.18 -0.19 0.00	62.64 0.00 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.72 0.04 0.00
LYONS_FALL_HYD 23570	36.89 0.15 0.00	33.83 0.20 0.00	31.14 0.25 0.00	30.32 0.24 0.00	29.02 0.23 0.00	29.68 0.26 0.00	28.16 0.14 0.00	27.15 0.08 0.00	25.47 -0.05 0.00	25.65 -0.10 0.00	27.61 -0.22 0.00	28.03 -0.26 0.00	30.88 -0.25 0.00	33.58 -0.37 0.00	35.49 -0.39 0.00	38.04 -0.35 0.00	44.77 -0.27 0.00	51.15 -0.15 0.00	61.06 0.24 0.00	65.20 0.83 0.00	63.64 1.00 0.00	56.38 0.78 0.00	51.45 0.86 0.00	41.25 0.57 0.00
MADISON__COUNTY_LFGE 323628	37.22 0.48 0.00	34.06 0.44 0.00	31.29 0.40 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.77 0.35 0.00	28.28 0.25 0.00	27.20 0.14 0.00	25.55 0.03 0.00	25.78 0.03 0.00	27.78 -0.06 0.00	28.26 -0.03 0.00	31.13 0.00 0.00	33.89 -0.07 0.00	35.85 -0.04 0.00	38.39 0.00 0.00	44.84 0.09 0.29	51.11 0.26 0.45	60.92 0.67 0.57	64.89 1.03 0.51	63.31 1.19 0.52	56.09 0.95 0.45	51.08 0.86 0.37	41.12 0.57 0.12
MALONE__115KV_TB1 356076	37.11 0.37 0.00	33.90 0.27 0.00	31.08 0.19 0.00	30.32 0.24 0.00	29.02 0.23 0.00	29.68 0.26 0.00	28.28 0.25 0.00	27.31 0.24 0.00	25.73 0.20 0.00	26.01 0.26 0.00	28.00 0.17 0.00	28.43 0.14 0.00	31.28 0.16 0.00	34.16 0.20 0.00	36.06 0.18 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.51 0.21 0.00	61.12 0.30 0.00	64.95 0.58 0.00	63.14 0.50 0.00	55.88 0.28 0.00	50.94 0.35 0.00	41.12 0.45 0.00
MAPLEWOD_115KV_TB3 80458	37.44 0.70 0.00	34.50 0.87 0.00	31.85 0.96 0.00	31.07 0.99 0.00	29.74 0.95 0.00	30.38 0.97 0.00	28.75 0.73 0.00	27.66 0.60 0.00	26.01 0.48 0.00	26.12 0.36 0.00	28.28 0.45 0.00	28.74 0.45 0.00	31.62 0.50 0.00	34.70 0.75 0.00	36.67 0.79 0.00	39.35 0.96 0.00	46.03 0.99 0.00	52.23 0.92 0.00	62.09 1.28 0.00	65.53 1.16 0.00	63.89 1.25 0.00	56.82 1.22 0.00	51.40 0.81 0.00	41.37 0.69 0.00
MAPLE_RIDGE_WT_1 323574	36.41 -0.33 0.00	33.36 -0.27 0.00	30.64 -0.25 0.00	29.87 -0.21 0.00	28.62 -0.17 0.00	29.27 -0.15 0.00	27.91 -0.11 0.00	26.99 -0.08 0.00	25.45 -0.08 0.00	25.68 -0.08 0.00	27.69 -0.14 0.00	28.12 -0.17 0.00	30.91 -0.22 0.00	33.72 -0.24 0.00	35.63 -0.25 0.00	38.08 -0.31 0.00	44.68 -0.36 0.00	50.95 -0.36 0.00	60.45 -0.36 0.00	64.05 -0.32 0.00	62.32 -0.31 0.00	55.32 -0.28 0.00	50.39 -0.20 0.00	40.51 -0.16 0.00
MAPLE_RIDGE_WT_2 323611	36.41 -0.33 0.00	33.36 -0.27 0.00	30.64 -0.25 0.00	29.87 -0.21 0.00	28.62 -0.17 0.00	29.27 -0.15 0.00	27.91 -0.11 0.00	26.99 -0.08 0.00	25.45 -0.08 0.00	25.68 -0.08 0.00	27.69 -0.14 0.00	28.12 -0.17 0.00	30.91 -0.22 0.00	33.72 -0.24 0.00	35.63 -0.25 0.00	38.08 -0.31 0.00	44.68 -0.36 0.00	50.95 -0.36 0.00	60.45 -0.36 0.00	64.05 -0.32 0.00	62.32 -0.31 0.00	55.32 -0.28 0.00	50.39 -0.20 0.00	40.51 -0.16 0.00
MARBLE_RIVER_WT_PWR 323696	36.86 0.11 0.00	33.69 0.07 0.00	30.89 0.00 0.00	30.14 0.06 0.00	28.82 0.03 0.00	29.47 0.06 0.00	28.14 0.11 0.00	27.15 0.08 0.00	25.60 0.08 0.00	25.89 0.13 0.00	27.92 0.08 0.00	28.34 0.06 0.00	31.16 0.03 0.00	34.09 0.14 0.00	35.95 0.07 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.31 0.00 0.00	60.75 -0.06 0.00	64.43 0.06 0.00	62.57 -0.06 0.00	55.49 -0.11 0.00	50.64 0.05 0.00	40.80 0.12 0.00
MARSHVLE_115KV_TB1 80742	38.36 1.62 0.00	35.14 1.51 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.09 1.30 0.00	30.74 1.32 0.00	28.86 0.84 0.00	27.29 0.22 0.00	25.42 -0.10 0.00	25.45 -0.31 0.00	27.44 -0.39 0.00	27.86 -0.42 0.00	30.72 -0.40 0.00	33.58 -0.37 0.00	36.31 0.43 0.00	38.23 -0.15 0.00	45.31 0.27 0.00	52.02 0.72 0.01	63.12 2.31 0.00	67.59 3.22 0.00	66.08 3.44 0.00	58.54 2.95 0.00	53.12 2.53 0.00	42.51 1.83 0.00
MARSH_HILL_WT_PWR 323713	35.68 -1.07 0.00	32.28 -1.35 0.00	29.56 -1.33 0.00	28.61 -1.47 0.00	27.27 -1.53 0.00	28.00 -1.41 0.00	26.60 -1.43 0.00	25.58 -1.49 0.00	23.87 -1.66 0.00	24.24 -1.52 0.00	26.05 -1.78 0.00	26.51 -1.78 0.00	29.26 -1.87 0.00	31.67 -2.38 -0.09	33.32 -2.65 -0.09	35.72 -2.76 -0.09	44.60 -2.88 -2.45	47.16 -2.82 1.33	62.82 -2.67 -4.69	66.10 -2.31 -4.04	65.03 -1.75 -4.15	57.23 -1.56 -3.19	48.63 -0.96 1.00	39.12 -1.22 0.33
MCINTYRE_115KV_TB2 80467	37.33 0.59 0.00	34.13 0.50 0.00	31.29 0.40 0.00	30.53 0.45 0.00	29.20 0.40 0.00	29.85 0.44 0.00	28.42 0.39 0.00	27.34 0.27 0.00	25.65 0.13 0.00	25.86 0.10 0.00	27.80 -0.03 0.00	28.23 -0.06 0.00	31.03 -0.09 0.00	33.85 -0.10 0.00	35.74 -0.14 0.00	38.23 -0.15 0.00	44.86 -0.18 0.00	51.26 -0.05 0.00	60.93 0.12 0.00	65.08 0.71 0.00	63.45 0.81 0.00	56.15 0.56 0.00	51.35 0.76 0.00	41.41 0.73 0.00
MECO____69_KV_BK1 80468	38.77 2.02 0.00	35.48 1.85 0.00	32.59 1.70 0.00	31.76 1.68 0.00	30.40 1.61 0.00	31.09 1.68 0.00	29.20 1.18 0.00	27.61 0.54 0.00	25.68 0.15 0.00	25.60 -0.15 0.00	27.58 -0.25 0.00	28.00 -0.28 0.00	30.88 -0.25 0.00	33.78 -0.17 0.00	36.21 0.32 0.00	38.54 0.15 0.00	45.67 0.63 0.00	52.53 1.23 0.01	63.73 2.92 0.00	68.23 3.86 0.00	66.83 4.20 0.00	59.27 3.67 0.00	53.62 3.04 0.00	42.91 2.24 0.00

MENANDS__115KV_TB5 355628	37.22 0.48 0.00	34.30 0.67 0.00	31.69 0.80 0.00	30.92 0.84 0.00	29.63 0.83 0.00	30.24 0.82 0.00	28.64 0.62 0.00	27.58 0.51 0.00	25.91 0.38 0.00	26.04 0.28 0.00	28.19 0.36 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.60 0.65 0.00	36.53 0.65 0.00	39.19 0.81 0.00	45.81 0.77 0.00	51.92 0.62 0.00	61.66 0.85 0.00	65.01 0.64 0.00	63.39 0.75 0.00	56.38 0.78 0.00	50.99 0.40 0.00	41.12 0.45 0.00
MG INDUSTRY__DRP 24185	37.37 0.62 0.00	34.40 0.77 0.00	31.75 0.86 0.00	30.95 0.87 0.00	29.63 0.83 0.00	30.27 0.85 0.00	28.64 0.62 0.00	27.50 0.43 0.00	25.78 0.26 0.00	25.91 0.15 0.00	28.05 0.22 0.00	28.51 0.23 0.00	31.38 0.25 0.00	34.36 0.41 0.00	36.35 0.47 0.00	39.00 0.61 0.00	45.72 0.68 0.00	51.97 0.67 0.00	61.85 1.03 0.00	65.40 1.03 0.00	63.76 1.13 0.00	56.65 1.06 0.00	51.35 0.76 0.00	41.37 0.69 0.00
MID__OSWEGATCHIE_HYD 23849	36.56 -0.18 0.00	33.46 -0.17 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.35 -0.06 0.00	27.86 -0.17 0.00	26.85 -0.22 0.00	25.19 -0.33 0.00	25.40 -0.36 0.00	27.28 -0.56 0.00	27.69 -0.59 0.00	30.47 -0.65 0.00	33.14 -0.81 0.00	35.02 -0.86 0.00	37.51 -0.88 0.00	44.09 -0.95 0.00	50.38 -0.92 0.00	60.08 -0.73 0.00	64.18 -0.19 0.00	62.64 0.00 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.72 0.04 0.00
MID__RAQUETTE_HYD 23851	36.63 -0.11 0.00	33.49 -0.13 0.00	30.74 -0.15 0.00	29.96 -0.12 0.00	28.68 -0.12 0.00	29.32 -0.09 0.00	27.91 -0.11 0.00	26.93 -0.14 0.00	25.32 -0.20 0.00	25.55 -0.21 0.00	27.50 -0.33 0.00	27.86 -0.42 0.00	30.66 -0.47 0.00	33.41 -0.54 0.00	35.31 -0.57 0.00	37.77 -0.61 0.00	44.27 -0.77 0.00	50.54 -0.77 0.00	59.96 -0.85 0.00	63.79 -0.58 0.00	62.14 -0.50 0.00	55.04 -0.56 0.00	50.29 -0.30 0.00	40.55 -0.12 0.00
MILLIKEN__1 23584	37.00 0.26 0.00	33.76 0.13 0.00	30.95 0.06 0.00	30.08 0.00 0.00	28.79 0.00 0.00	29.44 0.03 0.00	28.02 0.00 0.00	26.96 -0.11 0.00	25.27 -0.26 0.00	25.52 -0.23 0.00	27.50 -0.33 0.00	27.98 -0.31 0.00	30.82 -0.31 0.00	33.52 -0.44 -0.01	35.39 -0.50 -0.01	37.86 -0.54 -0.01	44.49 -0.50 0.05	50.50 -0.36 0.45	60.71 0.00 0.10	64.59 0.32 0.11	63.09 0.56 0.11	55.92 0.44 0.13	50.70 0.46 0.35	40.72 0.16 0.12
MILLIKEN__2 23585	37.00 0.26 0.00	33.76 0.13 0.00	30.95 0.06 0.00	30.08 0.00 0.00	28.79 0.00 0.00	29.44 0.03 0.00	28.02 0.00 0.00	26.96 -0.11 0.00	25.27 -0.26 0.00	25.52 -0.23 0.00	27.50 -0.33 0.00	27.98 -0.31 0.00	30.82 -0.31 0.00	33.52 -0.44 -0.01	35.39 -0.50 -0.01	37.86 -0.54 -0.01	44.49 -0.50 0.05	50.50 -0.36 0.45	60.71 0.00 0.10	64.59 0.32 0.11	63.09 0.56 0.11	55.92 0.44 0.13	50.70 0.46 0.35	40.72 0.16 0.12
MILLIKEN__DIESEL 23629	37.00 0.26 0.00	33.76 0.13 0.00	30.95 0.06 0.00	30.08 0.00 0.00	28.79 0.00 0.00	29.44 0.03 0.00	28.02 0.00 0.00	26.96 -0.11 0.00	25.27 -0.26 0.00	25.52 -0.23 0.00	27.50 -0.33 0.00	27.98 -0.31 0.00	30.82 -0.31 0.00	33.52 -0.44 -0.01	35.39 -0.50 -0.01	37.86 -0.54 -0.01	44.49 -0.50 0.05	50.50 -0.36 0.45	60.71 0.00 0.10	64.59 0.32 0.11	63.09 0.56 0.11	55.92 0.44 0.13	50.70 0.46 0.35	40.72 0.16 0.12
MILLSEAT__LFGE 323607	34.14 -2.61 0.00	30.60 -3.03 0.00	28.11 -2.78 0.00	27.22 -2.86 0.00	26.06 -2.74 0.00	26.74 -2.68 0.00	25.42 -2.61 0.00	24.66 -2.41 0.00	23.18 -2.35 0.00	23.67 -2.09 0.00	25.44 -2.39 0.00	25.85 -2.43 0.00	28.51 -2.61 0.00	30.61 -3.33 0.01	31.81 -4.05 0.01	34.04 -4.34 0.01	38.05 -5.18 1.81	43.54 -5.54 2.23	51.15 -6.14 3.52	55.37 -5.86 3.14	53.84 -5.57 3.22	48.51 -4.34 2.76	45.69 -3.24 1.66	37.11 -3.01 0.56
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.14 1.40 0.00	35.04 1.41 0.00	32.19 1.30 0.00	31.34 1.26 0.00	29.97 1.18 0.00	30.56 1.15 0.00	29.12 1.09 0.00	28.26 1.19 0.00	26.83 1.30 0.00	27.15 1.39 0.00	29.50 1.67 0.00	29.93 1.64 0.00	32.99 1.87 0.00	36.16 2.21 0.00	38.32 2.44 0.00	41.27 2.88 0.00	48.60 3.56 0.00	55.35 4.05 0.01	65.43 4.62 0.00	68.75 4.38 0.00	66.52 3.88 0.00	58.60 3.00 0.00	53.17 2.58 0.00	42.79 2.12 0.00
MILLWOOD_13_KV_LOAD 356217	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.88 1.35 0.00	27.17 1.42 0.00	29.56 1.73 0.00	29.96 1.67 0.00	33.03 1.90 0.00	36.23 2.27 0.00	38.39 2.51 0.00	41.31 2.92 0.00	48.69 3.65 0.00	55.46 4.16 0.01	65.62 4.80 0.00	68.94 4.57 0.00	66.71 4.07 0.00	58.71 3.11 0.00	53.27 2.68 0.00	42.87 2.20 0.00
MODEL_CITY_ENERGY 24167	33.04 -3.71 0.00	29.56 -4.07 0.00	27.18 -3.71 0.00	26.29 -3.79 0.00	25.14 -3.66 0.00	25.82 -3.59 0.00	24.58 -3.45 0.00	23.96 -3.11 0.00	22.56 -2.96 0.00	23.05 -2.70 0.00	24.80 -3.03 0.00	25.15 -3.14 0.00	27.70 -3.42 0.00	29.69 -4.25 0.02	30.77 -5.10 0.02	32.92 -5.45 0.02	36.50 -6.62 1.92	41.75 -7.29 2.27	48.64 -8.45 3.72	52.63 -8.43 3.31	51.16 -8.08 3.40	46.14 -6.56 2.90	43.85 -5.11 1.63	35.70 -4.43 0.55
MODERN_LFGE__ 323580	33.04 -3.71 0.00	29.56 -4.07 0.00	27.18 -3.71 0.00	26.29 -3.79 0.00	25.14 -3.66 0.00	25.82 -3.59 0.00	24.58 -3.45 0.00	23.96 -3.11 0.00	22.56 -2.96 0.00	23.05 -2.70 0.00	24.80 -3.03 0.00	25.15 -3.14 0.00	27.70 -3.42 0.00	29.69 -4.25 0.02	30.77 -5.10 0.02	32.92 -5.45 0.02	36.50 -6.62 1.92	41.75 -7.29 2.27	48.64 -8.45 3.72	52.63 -8.43 3.31	51.16 -8.08 3.40	46.14 -6.56 2.90	43.85 -5.11 1.63	35.70 -4.43 0.55
MOHAWK_PAPER__DRP 24187	37.44 0.70 0.00	34.50 0.87 0.00	31.85 0.96 0.00	31.07 0.99 0.00	29.74 0.95 0.00	30.38 0.97 0.00	28.75 0.73 0.00	27.66 0.60 0.00	26.01 0.48 0.00	26.12 0.36 0.00	28.28 0.45 0.00	28.74 0.45 0.00	31.62 0.50 0.00	34.70 0.75 0.00	36.67 0.79 0.00	39.35 0.96 0.00	46.03 0.99 0.00	52.23 0.92 0.00	62.09 1.28 0.00	65.53 1.16 0.00	63.89 1.25 0.00	56.82 1.22 0.00	51.40 0.81 0.00	41.37 0.69 0.00
MOHICAN__35_KV_115KV_LD 80490	38.95 2.20 0.00	35.71 2.08 0.00	32.84 1.95 0.00	32.03 1.96 0.00	30.69 1.90 0.00	31.38 1.97 0.00	29.65 1.63 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.44 0.61 0.00	28.88 0.59 0.00	31.72 0.59 0.00	34.67 0.71 0.00	36.74 0.86 0.00	39.50 1.11 0.00	46.98 1.94 0.00	53.41 2.10 0.00	64.52 3.71 0.00	68.49 4.12 0.00	67.02 4.38 0.00	59.60 4.00 0.00	53.73 3.14 0.00	43.04 2.36 0.00
MONGAUP__HYD 23641	38.11 1.36 0.00	34.94 1.31 0.00	32.13 1.24 0.00	31.22 1.14 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.00 0.98 0.00	27.99 0.92 0.00	26.50 0.97 0.00	26.71 0.95 0.00	28.95 1.11 0.00	29.19 0.90 0.00	32.19 1.06 0.00	35.17 1.22 0.00	37.39 1.51 0.00	40.54 2.15 0.00	47.79 2.75 0.00	54.68 3.39 0.01	65.00 4.19 0.00	68.68 4.31 0.00	66.52 3.88 0.00	58.60 3.00 0.00	53.12 2.53 0.00	42.63 1.95 0.00

MONTAUK___DIESEL 23721	38.88 2.13 0.00	35.38 1.75 0.00	32.74 1.85 0.00	31.70 1.62 0.00	30.29 1.50 0.00	30.85 1.44 0.00	29.40 1.37 0.00	28.72 1.65 0.00	27.95 2.42 0.00	28.56 2.81 0.00	33.34 3.48 -2.03	36.06 3.20 -4.58	36.45 3.42 -1.90	40.19 3.46 -2.77	45.15 3.59 -5.68	48.75 4.07 -6.29	54.05 4.82 -4.19	58.49 5.80 -1.38	67.70 6.02 -0.86	70.16 5.79 0.00	66.52 3.88 0.00	58.76 3.17 0.01	52.05 1.47 0.01	43.36 2.68 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.61 -2.13 0.00	31.11 -2.52 0.00	28.54 -2.35 0.00	27.55 -2.53 0.00	26.37 -2.42 0.00	27.12 -2.29 0.00	26.06 -1.96 0.00	25.09 -1.98 0.00	23.59 -1.94 0.00	24.06 -1.70 0.00	25.91 -1.92 0.00	26.31 -1.98 0.00	28.85 -2.27 0.00	31.01 -2.92 0.02	32.67 -3.19 0.02	35.06 -3.30 0.02	39.64 -3.42 1.98	44.69 -4.52 2.10	52.77 -4.20 3.84	56.58 -4.38 3.41	55.13 -4.01 3.50	48.74 -3.89 2.97	46.07 -3.04 1.49	37.33 -2.85 0.50
MORRIS_RIDGE___SOLAR 323848	35.17 -1.58 0.00	31.75 -1.88 0.00	29.13 -1.76 0.00	28.21 -1.86 0.00	26.95 -1.84 0.00	27.68 -1.74 0.00	26.26 -1.76 0.00	25.26 -1.81 0.00	23.58 -1.94 0.00	23.98 -1.78 0.00	25.80 -2.03 0.00	26.22 -2.06 0.00	28.92 -2.21 0.00	31.11 -2.75 0.10	32.70 -3.09 0.10	35.03 -3.26 0.10	37.19 -3.56 4.29	45.97 -3.69 1.65	48.64 -3.89 8.28	53.37 -3.74 7.27	51.92 -3.26 7.45	46.62 -2.89 6.08	47.27 -2.12 1.20	38.20 -2.07 0.40
MORTIMER_115KV_TB3 55949	35.16 -1.58 0.00	31.71 -1.92 0.00	29.13 -1.76 0.00	28.24 -1.83 0.00	27.09 -1.70 0.00	27.68 -1.74 0.00	26.57 -1.46 0.00	25.58 -1.49 0.00	24.07 -1.45 0.00	24.52 -1.24 0.00	26.41 -1.42 0.00	26.84 -1.44 0.00	29.57 -1.56 0.00	31.48 -2.48 0.00	33.41 -2.48 0.00	35.66 -2.73 0.00	40.30 -3.38 1.36	46.01 -3.18 2.12	54.14 -4.01 2.66	58.44 -3.54 2.39	56.80 -3.38 2.45	51.07 -2.39 2.14	47.18 -1.67 1.74	38.42 -1.67 0.58
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.38 1.62 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.31 2.18 0.00	36.50 2.55 0.00	38.68 2.80 0.00	41.69 3.30 0.00	47.09 4.05 2.00	55.31 4.62 0.62	66.04 5.23 0.00	69.39 5.02 0.00	67.02 4.38 0.00	58.93 3.34 0.00	53.57 2.98 0.00	43.16 2.48 0.00
MUNSVILLE_WIND_PWR 323609	38.29 1.54 0.00	34.97 1.35 0.00	32.06 1.17 0.00	31.19 1.11 0.00	29.83 1.04 0.00	30.53 1.12 0.00	28.89 0.87 0.00	27.69 0.62 0.00	25.83 0.31 0.00	26.01 0.26 0.00	28.00 0.17 0.00	28.37 0.09 0.00	31.28 0.16 0.00	33.96 0.00 0.00	35.99 0.11 0.00	38.62 0.23 0.00	45.59 0.68 0.13	52.13 1.28 0.46	63.05 2.49 0.25	67.54 3.41 0.24	66.03 3.63 0.24	58.31 2.94 0.23	52.97 2.73 0.35	42.39 1.83 0.12
N SALMON___HYD 24042	37.11 0.37 0.00	33.90 0.27 0.00	31.08 0.19 0.00	30.32 0.24 0.00	29.02 0.23 0.00	29.68 0.26 0.00	28.28 0.25 0.00	27.31 0.24 0.00	25.73 0.20 0.00	26.01 0.26 0.00	28.00 0.17 0.00	28.43 0.14 0.00	31.28 0.16 0.00	34.19 0.24 0.00	36.06 0.18 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.51 0.21 0.00	61.12 0.31 0.00	64.95 0.58 0.00	63.14 0.50 0.00	55.88 0.28 0.00	50.95 0.36 0.00	41.12 0.45 0.00
N.AKRON___115KV_KNAPP 355671	34.06 -2.68 0.00	30.50 -3.13 0.00	28.05 -2.84 0.00	27.13 -2.95 0.00	26.00 -2.79 0.00	26.62 -2.79 0.00	25.67 -2.35 0.00	24.63 -2.44 0.00	23.18 -2.35 0.00	23.64 -2.11 0.00	25.44 -2.39 0.00	25.80 -2.49 0.00	28.35 -2.77 0.00	29.93 -4.01 0.02	31.74 -4.13 0.02	34.00 -4.38 0.02	37.99 -5.22 1.83	43.53 -5.54 2.23	50.82 -6.45 3.55	55.22 -5.99 3.17	53.69 -5.70 3.25	48.26 -4.56 2.78	45.49 -3.44 1.65	37.03 -3.09 0.55
N.BELMOR_69_KV_BK1 55787	38.58 1.84 0.00	35.31 1.68 0.00	32.43 1.54 0.00	31.46 1.38 0.00	30.06 1.27 0.00	30.62 1.21 0.00	29.15 1.12 0.00	28.37 1.12 0.00	27.21 1.68 0.00	27.74 1.98 0.00	32.39 2.53 -2.03	35.38 2.52 -4.58	35.82 2.80 -1.90	40.99 3.23 -3.81	64.54 3.55 -25.10	68.18 4.07 -25.72	73.52 4.86 -23.62	64.76 5.59 -7.86	71.72 6.02 -4.89	70.62 6.24 -0.01	67.53 4.89 -0.01	59.50 3.89 -0.01	53.01 2.43 0.01	43.52 2.85 0.00
N.E._GEN_SANDY PD 24062	37.48 0.73 0.00	34.57 0.94 0.00	31.85 0.96 0.00	31.10 1.02 0.00	29.80 1.01 0.00	29.18 1.00 1.24	30.10 0.84 -1.24	27.80 0.73 0.00	26.32 0.79 0.00	26.40 0.64 0.00	28.67 0.83 0.00	29.11 0.82 0.00	31.97 0.84 0.00	34.97 1.02 0.00	37.14 1.26 0.00	39.93 1.54 0.00	46.75 1.71 0.00	52.90 1.59 0.00	62.58 1.76 0.00	65.78 1.41 0.00	64.20 1.57 0.00	57.10 1.50 0.00	51.60 1.01 0.00	41.53 0.86 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.10 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.94 1.15 0.00	30.53 1.12 0.00	29.06 1.04 0.00	28.21 1.14 0.00	26.78 1.25 0.00	27.10 1.34 0.00	29.45 1.61 0.00	29.87 1.58 0.00	32.93 1.81 0.00	36.13 2.17 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.55 3.51 0.00	55.30 4.00 0.01	65.43 4.62 0.00	68.75 4.38 0.00	66.52 3.88 0.00	58.60 3.00 0.00	53.17 2.58 0.00	42.75 2.07 0.00
N.QUEENS_27_KV_LOAD 356247	38.55 1.80 0.00	35.34 1.72 0.00	32.66 1.76 -0.01	31.80 1.71 -0.01	30.41 1.61 -0.01	30.82 1.41 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.37 2.24 0.00	36.50 2.55 0.00	38.68 2.80 0.00	41.73 3.34 0.00	53.53 4.28 -4.21	56.07 4.77 0.01	66.04 5.23 0.00	69.39 5.02 0.00	66.96 4.32 0.00	58.71 3.11 0.00	53.57 2.98 0.00	43.36 2.68 0.00
N.TROY___115KV_TB1 355778	37.59 0.85 0.00	34.60 0.98 0.00	31.88 0.99 0.00	31.13 1.05 0.00	29.83 1.04 0.00	30.47 1.06 0.00	28.84 0.81 0.00	27.72 0.65 0.00	26.11 0.59 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.69 0.56 0.00	34.77 0.81 0.00	36.74 0.86 0.00	39.42 1.04 0.00	46.26 1.22 0.00	52.39 1.08 0.00	62.27 1.46 0.00	65.72 1.35 0.00	64.14 1.50 0.00	57.16 1.56 0.00	51.65 1.06 0.00	41.53 0.85 0.00
NARROWS_GT1_1 24228	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT1_2 24229	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01

NARROWS_GT1_3 24230	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT1_4 24231	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT1_5 24232	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT1_6 24233	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT1_7 24234	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT1_8 24235	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_1 24236	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_2 24237	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_3 24238	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_4 24239	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_5 24240	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_6 24241	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_7 24242	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NARROWS_GT2_8 24243	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.88 1.14 0.00	34.84 1.21 0.00	32.16 1.27 0.00	31.34 1.26 0.00	30.03 1.24 0.00	30.62 1.21 0.00	28.95 0.92 0.00	27.69 0.62 0.00	25.88 0.36 0.00	25.94 0.18 0.00	28.05 0.22 0.00	28.49 0.20 0.00	31.38 0.25 0.00	34.46 0.51 0.00	36.49 0.61 0.00	39.23 0.84 0.00	46.12 1.08 0.00	52.59 1.28 0.00	62.94 2.13 0.00	66.62 2.25 0.00	64.89 2.25 0.00	57.66 2.06 0.00	52.11 1.52 0.00	41.86 1.18 0.00

NCHELSEA_115KV_TR2 355582	38.32 1.58 0.00	35.17 1.55 0.00	32.34 1.45 0.00	31.46 1.38 0.00	30.12 1.32 0.00	30.71 1.29 0.00	29.20 1.18 0.00	28.29 1.22 0.00	26.83 1.30 0.00	27.07 1.31 0.00	29.39 1.56 0.00	29.81 1.53 0.00	32.90 1.77 0.00	36.09 2.14 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.60 3.56 0.00	55.40 4.10 0.01	65.74 4.93 0.00	69.13 4.76 0.00	66.90 4.26 0.00	58.99 3.39 0.00	53.42 2.83 0.00	42.95 2.28 0.00
NEG CAPITAL___MECHNVIL 23645	38.22 1.47 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.49 1.41 0.00	30.17 1.38 0.00	30.85 1.44 0.00	29.20 1.18 0.00	27.96 0.89 0.00	26.29 0.77 0.00	26.37 0.62 0.00	28.47 0.64 0.00	28.91 0.62 0.00	31.81 0.68 0.00	34.74 0.78 0.00	36.89 1.00 0.00	39.62 1.23 0.00	46.66 1.62 0.00	53.05 1.75 0.00	63.31 2.49 0.00	67.01 2.64 0.00	65.46 2.82 0.00	58.21 2.61 0.00	52.61 2.03 0.00	42.22 1.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.80 -1.95 0.00	31.47 -2.15 0.00	28.88 -2.01 0.00	28.09 -1.99 0.00	26.89 -1.90 0.00	27.50 -1.91 0.00	26.20 -1.82 0.00	25.34 -1.73 0.00	23.84 -1.69 0.00	24.26 -1.49 0.00	26.11 -1.73 0.00	26.59 -1.70 0.00	29.35 -1.77 0.00	31.78 -2.17 0.00	33.19 -2.69 0.00	35.43 -2.96 0.00	40.22 -3.60 1.22	45.58 -3.85 1.88	54.18 -4.26 2.38	58.24 -3.99 2.14	56.62 -3.82 2.19	50.80 -2.89 1.91	46.86 -2.17 1.56	38.08 -2.07 0.52
NEG CENTRAL___DRP 24199	36.38 -0.37 0.00	33.09 -0.54 0.00	30.33 -0.56 0.00	29.45 -0.63 0.00	28.22 -0.58 0.00	28.85 -0.56 0.00	27.52 -0.50 0.00	26.45 -0.62 0.00	24.81 -0.71 0.00	25.14 -0.62 0.00	27.08 -0.75 0.00	27.55 -0.74 0.00	30.38 -0.75 0.00	32.91 -1.05 -0.01	34.78 -1.11 -0.01	37.17 -1.23 -0.01	43.49 -1.35 0.20	49.31 -1.28 0.72	59.08 -1.34 0.39	62.91 -1.09 0.37	61.38 -0.88 0.37	54.57 -0.67 0.36	49.70 -0.30 0.59	39.99 -0.49 0.20
NEG CENTRAL___INDECK 23768	36.34 -0.40 0.00	32.75 -0.87 0.00	30.02 -0.86 0.00	29.15 -0.93 0.00	27.90 -0.89 0.00	28.56 -0.85 0.00	27.13 -0.90 0.00	26.01 -1.06 0.00	24.20 -1.33 0.00	24.57 -1.18 0.00	26.33 -1.50 0.00	26.79 -1.50 0.00	29.57 -1.56 0.00	32.03 -2.00 -0.08	33.52 -2.44 -0.08	35.93 -2.53 -0.08	43.90 -2.79 -1.65	46.99 -2.61 1.71	61.77 -2.19 -3.15	65.77 -1.29 -2.69	64.64 -0.75 -2.76	57.32 -0.33 -2.05	49.46 0.20 1.34	39.86 -0.37 0.45
NEG CENTRAL___SENECA 23627	36.30 -0.44 0.00	32.96 -0.67 0.00	30.21 -0.68 0.00	29.30 -0.78 0.00	28.07 -0.72 0.00	28.71 -0.71 0.00	27.41 -0.62 0.00	26.34 -0.73 0.00	24.66 -0.87 0.00	25.01 -0.75 0.00	26.91 -0.92 0.00	27.38 -0.91 0.00	30.19 -0.93 0.00	32.64 -1.32 -0.01	34.53 -1.36 -0.01	36.90 -1.50 -0.01	43.02 -1.62 0.40	48.44 -1.59 1.28	58.32 -1.70 0.79	62.29 -1.35 0.73	60.82 -1.06 0.75	54.06 -0.83 0.71	49.24 -0.30 1.04	39.76 -0.57 0.35
NEG CENTRAL___STATE_STREET 24147	36.56 -0.18 0.00	33.32 -0.30 0.00	30.55 -0.34 0.00	29.69 -0.39 0.00	28.45 -0.35 0.00	29.06 -0.35 0.00	27.69 -0.34 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.32 -0.44 0.00	27.30 -0.53 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.28 -0.68 0.00	35.17 -0.72 0.00	37.55 -0.84 0.00	44.24 -0.90 -0.11	50.44 -0.87 0.00	60.22 -0.79 -0.20	64.03 -0.51 -0.18	62.50 -0.31 -0.18	55.52 -0.22 -0.14	50.49 -0.10 0.00	40.39 -0.28 0.00
NEG MILLWOOD___DRP 24198	38.40 1.65 0.00	35.28 1.65 0.00	32.40 1.51 0.00	31.55 1.47 0.00	30.20 1.41 0.00	30.80 1.38 0.00	29.29 1.26 0.00	28.37 1.30 0.00	26.90 1.38 0.00	27.17 1.42 0.00	29.53 1.70 0.00	29.96 1.67 0.00	33.06 1.93 0.00	36.30 2.34 0.00	38.43 2.55 0.00	41.38 2.99 0.00	48.78 3.74 0.00	55.66 4.36 0.01	66.04 5.23 0.00	69.46 5.09 0.00	67.15 4.51 0.00	59.10 3.50 0.00	53.57 2.98 0.00	43.08 2.40 0.00
NEG NORTH_FLCN_SEA 23793	37.26 0.51 0.00	34.06 0.44 0.00	31.23 0.34 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.80 0.38 0.00	28.42 0.39 0.00	27.45 0.38 0.00	25.86 0.33 0.00	26.14 0.39 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.50 0.37 0.00	34.40 0.44 0.00	36.35 0.47 0.00	38.81 0.42 0.00	45.49 0.45 0.00	51.82 0.51 0.00	61.42 0.61 0.00	65.21 0.84 0.00	63.26 0.63 0.00	56.10 0.50 0.00	51.20 0.61 0.00	41.25 0.57 0.00
NEG NORTH_KES_CHATEGAY 23792	36.93 0.18 0.00	33.73 0.10 0.00	30.95 0.06 0.00	30.17 0.09 0.00	28.88 0.09 0.00	29.53 0.12 0.00	28.16 0.14 0.00	27.18 0.11 0.00	25.60 0.08 0.00	25.88 0.13 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.13 0.00 0.00	34.02 0.07 0.00	35.92 0.04 0.00	38.35 -0.04 0.00	45.04 0.00 0.00	51.31 0.00 0.00	60.81 0.00 0.00	64.63 0.26 0.00	62.70 0.06 0.00	55.60 0.00 0.00	50.69 0.10 0.00	40.88 0.20 0.00
NEG NORTH___ALICE_FALLS 23915	37.33 0.59 0.00	34.13 0.50 0.00	31.29 0.40 0.00	30.50 0.42 0.00	29.20 0.40 0.00	29.88 0.47 0.00	28.47 0.45 0.00	27.47 0.41 0.00	25.88 0.36 0.00	26.17 0.41 0.00	28.22 0.39 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.43 0.48 0.00	36.35 0.47 0.00	38.85 0.46 0.00	45.54 0.50 0.00	51.87 0.56 0.00	61.60 0.79 0.00	65.40 1.03 0.00	63.51 0.88 0.00	56.21 0.61 0.00	51.30 0.71 0.00	41.37 0.69 0.00
NEG NORTH___LWR_SARANAC 23913	37.33 0.59 0.00	34.13 0.50 0.00	31.29 0.40 0.00	30.50 0.42 0.00	29.20 0.40 0.00	29.88 0.47 0.00	28.47 0.45 0.00	27.47 0.41 0.00	25.88 0.36 0.00	26.17 0.41 0.00	28.22 0.39 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.43 0.48 0.00	36.35 0.47 0.00	38.85 0.46 0.00	45.54 0.50 0.00	51.87 0.56 0.00	61.60 0.79 0.00	65.40 1.03 0.00	63.51 0.88 0.00	56.21 0.61 0.00	51.30 0.71 0.00	41.37 0.69 0.00
NEG NORTH___PLATTSBURG 23628	37.33 0.59 0.00	34.13 0.51 0.00	31.29 0.40 0.00	30.50 0.42 0.00	29.20 0.40 0.00	29.88 0.47 0.00	28.47 0.45 0.00	27.48 0.41 0.00	25.88 0.36 0.00	26.17 0.41 0.00	28.22 0.39 0.00	28.65 0.37 0.00	31.53 0.40 0.00	34.46 0.51 0.00	36.35 0.47 0.00	38.85 0.46 0.00	45.54 0.50 0.00	51.93 0.62 0.00	61.60 0.79 0.00	65.40 1.03 0.00	63.51 0.88 0.00	56.21 0.61 0.00	51.30 0.71 0.00	41.37 0.69 0.00
NEG WEST_LEA_LOCKPORT 23791	33.44 -3.31 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.12 -3.29 0.00	25.19 -2.83 0.00	24.25 -2.82 0.00	22.82 -2.71 0.00	23.31 -2.45 0.00	25.08 -2.76 0.00	25.40 -2.89 0.00	27.89 -3.24 0.00	29.39 -4.55 0.02	31.16 -4.70 0.02	33.34 -5.03 0.02	37.08 -6.04 1.92	42.44 -6.62 2.25	49.30 -7.78 3.73	53.45 -7.60 3.32	52.03 -7.20 3.41	46.80 -5.89 2.91	44.35 -4.60 1.64	36.14 -3.99 0.55
NEG WEST___LANCASTR 23811	34.17 -2.57 0.00	30.70 -2.93 0.00	28.20 -2.69 0.00	27.19 -2.89 0.00	26.03 -2.76 0.00	26.74 -2.68 0.00	25.70 -2.33 0.00	24.71 -2.35 0.00	23.23 -2.30 0.00	23.75 -2.01 0.00	25.58 -2.25 0.00	25.94 -2.35 0.00	28.48 -2.65 0.00	31.18 -2.75 0.02	32.63 -3.23 0.02	34.80 -3.57 0.02	39.92 -3.20 1.92	43.22 -6.00 2.09	52.40 -4.68 3.73	55.13 -5.92 3.32	53.85 -5.39 3.40	46.54 -6.17 2.89	43.80 -5.31 1.48	35.54 -4.64 0.50

NEG_PENN_ALLEGHNY 23528	36.56 -0.18 0.00	33.32 -0.30 0.00	30.58 -0.31 0.00	29.69 -0.39 0.00	28.42 -0.38 0.00	29.09 -0.32 0.00	27.66 -0.37 0.00	26.72 -0.35 0.00	25.12 -0.41 0.00	25.45 -0.31 0.00	27.44 -0.39 0.00	27.92 -0.37 0.00	30.75 -0.37 0.00	33.41 -0.54 0.00	35.31 -0.58 0.00	37.77 -0.62 0.00	44.15 -0.54 0.35	50.19 -0.51 0.60	59.65 -0.49 0.68	63.31 -0.45 0.61	61.70 -0.31 0.62	54.66 -0.39 0.55	49.84 -0.30 0.44	40.08 -0.45 0.15
NEG___GEN_MONROE 24207	35.02 -1.73 0.00	31.54 -2.08 0.00	29.04 -1.85 0.00	28.15 -1.93 0.00	26.98 -1.81 0.00	27.59 -1.82 0.00	26.48 -1.54 0.00	25.42 -1.65 0.00	23.89 -1.63 0.00	24.34 -1.42 0.00	26.22 -1.61 0.00	26.62 -1.67 0.00	29.29 -1.84 0.00	31.17 -2.78 0.00	33.04 -2.83 0.00	35.35 -3.03 0.00	39.88 -3.69 1.47	45.59 -3.59 2.13	53.57 -4.38 2.86	57.94 -3.86 2.57	56.37 -3.63 2.64	50.70 -2.61 2.28	47.03 -1.82 1.74	38.30 -1.79 0.58
NEPA___ENERGY 23901	34.43 -2.31 0.00	30.97 -2.66 0.00	28.42 -2.47 0.00	27.40 -2.68 0.00	26.26 -2.53 0.00	26.94 -2.47 0.00	25.92 -2.10 0.00	25.01 -2.06 0.00	23.51 -2.02 0.00	24.03 -1.73 0.00	25.86 -1.98 0.00	26.22 -2.06 0.00	28.79 -2.33 0.00	30.91 -3.02 0.02	32.59 -3.27 0.02	34.87 -3.49 0.02	39.30 -3.78 1.95	44.25 -4.98 2.08	52.04 -4.99 3.79	55.79 -5.21 3.37	54.36 -4.82 3.45	48.17 -4.50 2.93	45.47 -3.64 1.47	36.85 -3.34 0.49
NEVERSINK___HYD 23608	38.07 1.32 0.00	34.94 1.31 0.00	32.06 1.17 0.00	31.19 1.11 0.00	29.83 1.04 0.00	30.41 1.00 0.00	28.95 0.92 0.00	27.99 0.92 0.00	26.55 1.02 0.00	26.81 1.06 0.00	29.06 1.22 0.00	29.50 1.22 0.00	32.53 1.40 0.00	35.55 1.60 0.00	37.82 1.94 0.00	40.73 2.34 0.00	48.06 3.02 0.00	54.94 3.64 0.01	65.25 4.44 0.00	68.81 4.44 0.00	66.58 3.95 0.00	58.65 3.06 0.00	53.12 2.53 0.00	42.63 1.95 0.00
NEWKRMKL_115KV_TB1 55635	37.08 0.33 0.00	34.17 0.54 0.00	31.60 0.71 0.00	30.83 0.75 0.00	29.54 0.75 0.00	30.15 0.74 0.00	28.56 0.53 0.00	27.50 0.43 0.00	25.78 0.26 0.00	25.91 0.15 0.00	28.05 0.22 0.00	28.51 0.23 0.00	31.38 0.25 0.00	34.40 0.44 0.00	36.35 0.47 0.00	39.00 0.61 0.00	45.63 0.59 0.00	51.77 0.46 0.00	61.48 0.67 0.00	64.82 0.45 0.00	63.20 0.56 0.00	56.15 0.56 0.00	50.84 0.25 0.00	41.00 0.33 0.00
NEWTON___FALLS_HYD 23847	36.56 -0.18 0.00	33.46 -0.17 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.35 -0.06 0.00	27.86 -0.17 0.00	26.85 -0.22 0.00	25.19 -0.33 0.00	25.40 -0.36 0.00	27.28 -0.56 0.00	27.69 -0.59 0.00	30.47 -0.65 0.00	33.14 -0.81 0.00	35.02 -0.86 0.00	37.51 -0.88 0.00	44.09 -0.95 0.00	50.38 -0.92 0.00	60.08 -0.73 0.00	64.18 -0.19 0.00	62.64 0.00 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.72 0.04 0.00
NGRID_A1_DSASP 323792	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
NGRID_A2_DSASP 323793	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
NGRID_A4_DSASP 323807	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
NIAGARA_115E_LBMP 323715	32.81 -3.93 0.00	29.36 -4.27 0.00	27.00 -3.89 0.00	26.11 -3.97 0.00	24.96 -3.83 0.00	25.65 -3.77 0.00	24.44 -3.59 0.00	23.82 -3.25 0.00	22.44 -3.09 0.00	22.92 -2.83 0.00	24.66 -3.17 0.00	25.01 -3.28 0.00	27.52 -3.61 0.00	29.52 -4.41 0.02	30.55 -5.31 0.02	32.69 -5.68 0.02	36.22 -6.89 1.93	41.38 -7.65 2.28	48.13 -8.94 3.75	52.09 -8.95 3.34	50.70 -8.52 3.42	45.78 -6.90 2.92	43.50 -5.46 1.63	35.45 -4.68 0.55
NIAGARA_115W_LBMP 323714	33.25 -3.49 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.59 -3.49 0.00	25.45 -3.34 0.00	26.06 -3.35 0.00	24.66 -3.36 0.00	24.06 -3.01 0.00	22.69 -2.83 0.00	23.18 -2.58 0.00	24.85 -2.98 0.00	25.13 -3.14 0.02	27.65 -3.46 0.02	29.62 -4.31 0.02	30.62 -5.24 0.02	32.76 -5.61 0.02	36.21 -6.89 1.94	42.25 -6.72 2.34	49.15 -7.90 3.76	53.23 -7.79 3.35	51.75 -7.46 3.44	46.38 -6.28 2.94	43.73 -5.21 1.64	35.65 -4.47 0.55
NIAGARA_230_LBMP 323716	33.47 -3.27 0.00	29.96 -3.66 0.00	27.55 -3.34 0.00	26.65 -3.43 0.00	25.51 -3.28 0.00	26.21 -3.21 0.00	24.94 -3.08 0.00	24.36 -2.71 0.00	22.95 -2.58 0.00	23.44 -2.32 0.00	25.19 -2.64 0.00	25.54 -2.74 0.00	28.11 -3.02 0.00	30.13 -3.80 0.02	31.24 -4.63 0.02	33.38 -4.99 0.02	36.99 -6.13 1.92	42.20 -6.72 2.39	49.18 -7.90 3.73	53.26 -7.79 3.32	51.78 -7.46 3.41	46.73 -5.95 2.92	44.42 -4.50 1.67	36.13 -3.98 0.56
NIAGARA___115KV_198_GIBSON 55903	33.25 -3.49 0.00	29.86 -3.77 0.00	27.52 -3.37 0.00	26.53 -3.55 0.00	25.45 -3.34 0.00	26.00 -3.41 0.00	25.05 -2.97 0.00	24.06 -3.00 0.00	22.69 -2.83 0.00	23.18 -2.58 0.00	24.85 -2.98 0.00	25.07 -3.20 0.02	27.50 -3.61 0.02	28.88 -5.06 0.02	30.63 -5.24 0.02	32.76 -5.60 0.02	36.21 -6.89 1.94	41.53 -7.44 2.34	49.02 -8.03 3.76	53.29 -7.72 3.35	51.81 -7.39 3.44	46.38 -6.28 2.94	43.63 -5.31 1.64	35.69 -4.43 0.55
NIAGARA____ 23760	33.47 -3.27 0.00	29.96 -3.66 0.00	27.55 -3.34 0.00	26.65 -3.43 0.00	25.51 -3.28 0.00	26.21 -3.21 0.00	24.94 -3.08 0.00	24.36 -2.71 0.00	22.95 -2.58 0.00	23.44 -2.32 0.00	25.19 -2.64 0.00	25.54 -2.74 0.01	28.10 -3.02 0.01	30.13 -3.80 0.02	31.24 -4.63 0.02	33.38 -4.99 0.02	36.99 -6.13 1.93	42.26 -6.72 2.33	49.17 -7.90 3.73	53.25 -7.79 3.33	51.77 -7.46 3.41	46.73 -5.95 2.92	44.45 -4.50 1.63	36.14 -3.98 0.55
NINE_MILE_1 23575	35.64 -1.10 0.00	32.55 -1.08 0.00	29.90 -0.99 0.00	29.09 -0.99 0.00	27.87 -0.92 0.00	28.50 -0.91 0.00	27.10 -0.92 0.00	26.18 -0.89 0.00	24.66 -0.87 0.00	24.91 -0.85 0.00	26.86 -0.97 0.00	27.35 -0.93 0.00	30.10 -1.03 0.00	32.76 -1.19 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.21 -1.94 9.90	33.70 -2.11 15.50	39.08 -2.43 19.30	44.55 -2.45 17.37	42.51 -2.32 17.81	38.07 -2.00 15.53	36.17 -1.77 12.65	34.97 -1.46 4.24

NINE_MILE_2 23744	35.64 -1.10 0.00	32.55 -1.08 0.00	29.90 -0.99 0.00	29.09 -0.99 0.00	27.87 -0.92 0.00	28.50 -0.91 0.00	27.10 -0.92 0.00	26.18 -0.89 0.00	24.66 -0.87 0.00	24.91 -0.85 0.00	26.89 -0.95 0.00	27.35 -0.93 0.00	30.10 -1.03 0.00	32.76 -1.19 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.12 -1.89 10.03	33.50 -2.11 15.70	38.83 -2.43 19.55	44.33 -2.45 17.60	42.28 -2.32 18.04	37.87 -2.00 15.73	36.00 -1.77 12.81	34.91 -1.46 4.30
NM_CAPITAL___DRP 24208	37.15 0.40 0.00	34.23 0.61 0.00	31.63 0.74 0.00	30.89 0.81 0.00	29.57 0.78 0.00	30.21 0.79 0.00	28.61 0.59 0.00	27.53 0.46 0.00	25.86 0.33 0.00	25.99 0.23 0.00	28.17 0.33 0.00	28.60 0.31 0.00	31.47 0.34 0.00	34.53 0.58 0.00	36.49 0.61 0.00	39.12 0.73 0.00	45.72 0.68 0.00	51.82 0.51 0.00	61.54 0.73 0.00	64.89 0.51 0.00	63.26 0.63 0.00	56.27 0.67 0.00	50.89 0.30 0.00	41.04 0.37 0.00
NM_CENTRAL___DRP 24181	36.27 -0.48 0.00	33.09 -0.54 0.00	30.36 -0.53 0.00	29.54 -0.54 0.00	28.30 -0.49 0.00	28.91 -0.50 0.00	27.52 -0.50 0.00	26.55 -0.51 0.00	24.99 -0.54 0.00	25.27 -0.49 0.00	27.25 -0.58 0.00	27.75 -0.54 0.00	30.57 -0.56 0.00	33.21 -0.75 0.00	35.06 -0.83 0.00	37.39 -1.00 0.00	43.32 -1.17 0.55	49.21 -1.23 0.86	58.40 -1.34 1.07	62.18 -1.22 0.97	60.58 -1.06 0.99	53.84 -0.89 0.86	49.13 -0.76 0.70	39.71 -0.73 0.24
NM_FRONTIER___DRP 24179	33.25 -3.49 0.00	29.86 -3.77 0.00	27.52 -3.37 0.00	26.53 -3.55 0.00	25.45 -3.34 0.00	26.00 -3.41 0.00	25.05 -2.97 0.00	24.06 -3.00 0.00	22.69 -2.83 0.00	23.18 -2.58 0.00	24.85 -2.98 0.00	25.07 -3.20 0.02	27.50 -3.61 0.02	28.88 -5.06 0.02	30.63 -5.24 0.02	32.76 -5.60 0.02	36.21 -6.89 1.94	41.53 -7.44 2.34	49.02 -8.03 3.76	53.29 -7.72 3.35	51.81 -7.39 3.44	46.38 -6.28 2.94	43.63 -5.31 1.64	35.69 -4.43 0.55
NM_ST_REGIS___HYD 24053	36.78 0.04 0.00	33.63 0.00 0.00	30.83 -0.06 0.00	30.08 0.00 0.00	28.79 0.00 0.00	29.44 0.03 0.00	28.05 0.03 0.00	27.07 0.00 0.00	25.45 -0.08 0.00	25.70 -0.05 0.00	27.67 -0.17 0.00	28.03 -0.25 0.00	30.85 -0.28 0.00	33.65 -0.31 0.00	35.52 -0.36 0.00	37.97 -0.42 0.00	44.54 -0.50 0.00	50.79 -0.51 0.00	60.26 -0.55 0.00	64.18 -0.19 0.00	62.45 -0.19 0.00	55.26 -0.33 0.00	50.54 -0.05 0.00	40.76 0.08 0.00
NORTHPORT___1 23551	38.36 1.61 0.00	35.11 1.48 0.00	32.34 1.45 0.00	31.31 1.23 0.00	29.95 1.15 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.26 1.19 0.00	27.18 1.66 0.00	27.84 2.09 0.00	32.31 2.45 -2.02	35.27 2.40 -4.58	35.70 2.68 -1.90	39.61 2.92 -2.74	44.25 3.34 -5.02	47.83 3.80 -5.64	52.86 4.28 -3.54	57.30 4.82 -1.17	66.58 5.04 -0.73	69.70 5.34 0.01	66.52 3.88 0.01	58.59 3.00 0.01	52.10 1.52 0.01	43.28 2.61 0.00
NORTHPORT___2 23552	38.36 1.61 0.00	35.11 1.48 0.00	32.34 1.45 0.00	31.31 1.23 0.00	29.95 1.15 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.26 1.19 0.00	27.18 1.66 0.00	27.84 2.09 0.00	32.31 2.45 -2.02	35.27 2.40 -4.58	35.70 2.68 -1.90	39.61 2.92 -2.74	44.25 3.34 -5.02	47.83 3.80 -5.64	52.86 4.28 -3.54	57.30 4.82 -1.17	66.58 5.04 -0.73	69.70 5.34 0.01	66.52 3.88 0.01	58.59 3.00 0.01	52.10 1.52 0.01	43.28 2.61 0.00
NORTHPORT___3 23553	38.32 1.58 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.31 1.23 0.00	29.91 1.12 0.00	30.41 1.00 0.00	29.00 0.98 0.00	28.23 1.16 0.00	27.16 1.64 0.00	27.82 2.06 0.00	32.31 2.45 -2.02	35.27 2.40 -4.58	35.70 2.68 -1.90	39.61 2.92 -2.74	44.22 3.34 -5.00	47.81 3.80 -5.62	52.84 4.28 -3.52	57.29 4.82 -1.16	66.58 5.04 -0.72	69.70 5.34 0.01	66.52 3.88 0.01	58.59 3.00 0.01	52.10 1.52 0.01	43.28 2.61 0.00
NORTHPORT___4 23650	38.32 1.58 0.00	35.11 1.48 0.00	32.31 1.42 0.00	31.31 1.23 0.00	29.91 1.12 0.00	30.41 1.00 0.00	29.00 0.98 0.00	28.23 1.16 0.00	27.16 1.64 0.00	27.82 2.06 0.00	32.31 2.45 -2.02	35.27 2.40 -4.58	35.70 2.68 -1.90	39.61 2.92 -2.74	44.22 3.34 -5.00	47.81 3.80 -5.62	52.84 4.28 -3.52	57.29 4.82 -1.16	66.58 5.04 -0.72	69.70 5.34 0.01	66.52 3.88 0.01	58.59 3.00 0.01	52.10 1.52 0.01	43.28 2.61 0.00
NORTHPORT___IC 23718	38.36 1.62 0.00	35.11 1.48 0.00	32.34 1.45 0.00	31.34 1.26 0.00	29.94 1.15 0.00	30.47 1.06 0.00	29.00 0.98 0.00	28.26 1.19 0.00	27.18 1.66 0.00	27.69 1.93 0.00	32.33 2.48 -2.03	35.27 2.40 -4.58	35.73 2.71 -1.90	39.75 3.06 -2.74	44.24 3.34 -5.02	47.83 3.80 -5.64	52.86 4.28 -3.54	57.50 5.03 -1.17	66.53 4.99 -0.73	69.45 5.09 0.01	66.33 3.70 0.01	58.59 3.00 0.01	52.10 1.52 0.01	43.28 2.60 0.00
NORTH___COUNTRY_ESR 323785	36.82 0.07 0.00	33.66 0.03 0.00	30.89 0.00 0.00	30.11 0.03 0.00	28.82 0.03 0.00	29.47 0.06 0.00	28.11 0.08 0.00	27.15 0.08 0.00	25.60 0.08 0.00	25.89 0.13 0.00	27.92 0.08 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.09 0.14 0.00	35.95 0.07 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.26 -0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.57 -0.06 0.00	55.43 -0.17 0.00	50.59 0.00 0.00	40.76 0.08 0.00
NPX_GEN_1385_PROXY 323591	37.85 1.10 0.00	35.11 1.48 0.00	32.34 1.45 0.00	31.31 1.23 0.00	29.95 1.15 0.00	29.21 1.03 1.24	30.27 1.01 -1.24	28.26 1.19 0.00	27.18 1.66 0.00	27.84 2.09 0.00	32.00 2.14 -2.02	34.90 2.04 -4.58	35.48 2.46 -1.90	39.24 2.55 -2.74	43.60 2.69 -5.02	47.49 3.46 -5.64	52.45 3.87 -3.54	57.19 4.72 -1.17	65.61 4.07 -0.73	68.94 4.57 0.01	65.95 3.32 0.01	58.59 3.00 0.01	52.10 1.52 0.01	43.20 2.52 0.00
NPX_GEN_CSC 323557	38.29 1.54 0.00	34.94 1.31 0.00	32.40 1.51 0.00	31.34 1.26 0.00	29.95 1.15 0.00	29.21 1.03 1.24	30.27 1.01 -1.24	28.26 1.19 0.00	27.39 1.86 0.00	28.15 2.40 0.00	32.56 2.70 -2.02	35.30 2.43 -4.58	35.70 2.68 -1.90	39.44 2.72 -2.77	44.67 3.12 -5.66	48.27 3.61 -6.28	53.45 4.23 -4.18	57.61 4.93 -1.38	66.78 5.11 -0.86	69.64 5.28 0.00	66.20 3.57 0.00	58.37 2.78 0.01	51.75 1.16 0.01	43.20 2.52 0.00
NSINS_S_GLNS_FALLS 23858	38.99 2.24 0.00	35.75 2.12 0.00	32.87 1.98 0.00	32.03 1.96 0.00	30.69 1.90 0.00	31.38 1.97 0.00	29.65 1.63 0.00	28.29 1.22 0.00	26.50 0.97 0.00	26.55 0.80 0.00	28.44 0.61 0.00	28.88 0.59 0.00	31.69 0.56 0.00	34.63 0.68 0.00	36.71 0.83 0.00	39.46 1.07 0.00	47.02 1.98 0.00	53.46 2.15 0.00	64.58 3.77 0.00	68.55 4.18 0.00	67.08 4.45 0.00	59.66 4.06 0.00	53.78 3.19 0.00	43.08 2.40 0.00
NUCOR_STEEL___DRP 24197	36.63 -0.11 0.00	33.39 -0.24 0.00	30.64 -0.25 0.00	29.78 -0.30 0.00	28.53 -0.26 0.00	29.18 -0.24 0.00	27.77 -0.25 0.00	26.72 -0.35 0.00	25.09 -0.43 0.00	25.40 -0.36 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.31 -0.65 0.00	35.20 -0.68 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.44 -0.87 0.00	60.02 -0.79 0.00	63.79 -0.58 0.00	62.26 -0.38 0.00	55.38 -0.22 0.00	50.49 -0.10 0.00	40.43 -0.24 0.00

NUMBER_THREE_WT_PWR 323818	36.71 -0.04 0.00	33.66 0.03 0.00	31.01 0.12 0.00	30.23 0.15 0.00	28.97 0.17 0.00	29.62 0.21 0.00	28.08 0.06 0.00	27.07 0.00 0.00	25.37 -0.15 0.00	25.55 -0.21 0.00	27.42 -0.42 0.00	27.83 -0.45 0.00	30.63 -0.50 0.00	33.31 -0.65 0.00	35.17 -0.72 0.00	37.70 -0.69 0.00	44.41 -0.63 0.00	50.74 -0.56 0.00	60.75 -0.06 0.00	65.01 0.64 0.00	63.58 0.94 0.00	56.32 0.72 0.00	51.45 0.86 0.00	41.25 0.57 0.00
NYISO_LBMP_REFERENCE 24008	36.74 0.00 0.00	33.63 0.00 0.00	30.89 0.00 0.00	30.08 0.00 0.00	28.79 0.00 0.00	29.41 0.00 0.00	28.02 0.00 0.00	27.07 0.00 0.00	25.53 0.00 0.00	25.76 0.00 0.00	27.83 0.00 0.00	28.29 0.00 0.00	31.13 0.00 0.00	33.95 0.00 0.00	35.88 0.00 0.00	38.39 0.00 0.00	45.04 0.00 0.00	51.31 0.00 0.00	60.81 0.00 0.00	64.37 0.00 0.00	62.64 0.00 0.00	55.60 0.00 0.00	50.59 0.00 0.00	40.68 0.00 0.00
NYPA_BRENTWD____GT 24164	38.80 2.06 0.00	35.44 1.81 0.00	32.65 1.76 0.00	31.61 1.53 0.00	30.20 1.41 0.00	30.71 1.29 0.00	29.29 1.26 0.00	28.50 1.43 0.00	27.44 1.92 0.00	28.15 2.40 0.00	32.67 2.81 -2.02	35.64 2.77 -4.58	36.07 3.05 -1.90	40.10 3.33 -2.81	46.09 3.77 -6.44	49.75 4.30 -7.06	55.00 5.00 -4.96	58.64 5.69 -1.64	67.80 5.96 -1.02	70.61 6.24 0.00	67.33 4.70 0.00	59.26 3.67 0.00	52.80 2.22 0.01	43.77 3.09 0.00
NYPA_GOWANUS____GT5 24156	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NYPA_GOWANUS____GT6 24157	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.34 1.32 0.00	28.39 1.33 0.00	26.95 1.43 0.00	27.33 1.57 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.61 4.37 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01
NYPA_HARLEM__RVR__GT1 24160	38.47 1.73 0.00	35.27 1.65 0.00	32.60 1.70 -0.01	31.71 1.62 -0.01	30.35 1.55 -0.01	30.74 1.32 0.00	29.25 1.23 0.01	28.39 1.33 0.01	27.00 1.48 0.01	27.35 1.60 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.27 2.15 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.61 3.23 0.00	53.34 4.10 -4.20	56.04 4.62 -0.11	65.79 4.99 0.01	69.19 4.83 0.01	66.76 4.13 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00
NYPA_HARLEM__RVR__GT2 24161	38.47 1.73 0.00	35.27 1.65 0.00	32.60 1.70 -0.01	31.71 1.62 -0.01	30.35 1.55 -0.01	30.74 1.32 0.00	29.25 1.23 0.01	28.39 1.33 0.01	27.00 1.48 0.01	27.35 1.60 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.27 2.15 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.61 3.23 0.00	53.34 4.10 -4.20	56.04 4.62 -0.11	65.79 4.99 0.01	69.19 4.83 0.01	66.76 4.13 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00
NYPA_KENT____GT 24152	38.59 1.84 0.00	35.41 1.78 0.00	32.63 1.73 -0.01	31.77 1.68 -0.01	30.38 1.58 -0.01	30.82 1.41 0.00	29.34 1.32 0.00	28.42 1.35 0.00	27.01 1.48 0.00	27.35 1.60 0.00	29.84 2.01 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.79 2.91 0.00	41.77 3.38 0.00	53.53 4.28 -4.21	57.46 4.88 -1.28	66.22 5.41 0.00	69.65 5.28 0.00	67.21 4.57 0.00	58.99 3.39 0.00	53.88 3.29 0.00	43.45 2.77 0.00
NYPA_POUCH1____GT 24155	38.66 1.91 -0.01	35.48 1.85 -0.01	32.69 1.79 -0.01	31.83 1.74 -0.01	30.44 1.64 -0.01	30.85 1.44 0.00	29.31 1.29 0.00	28.34 1.27 0.00	26.90 1.38 0.00	27.25 1.49 0.00	29.75 1.92 0.00	30.21 1.92 0.00	33.27 2.15 0.00	36.40 2.45 0.00	38.75 2.87 0.00	41.80 3.42 0.00	53.66 4.42 -4.21	57.56 4.98 -1.28	66.35 5.53 0.00	69.78 5.41 0.00	67.34 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.53 2.85 -0.01
NYPA_VERNON____GT2 24162	38.47 1.73 0.00	35.31 1.68 0.00	32.53 1.64 -0.01	31.68 1.59 -0.01	30.30 1.50 -0.01	30.77 1.35 0.00	29.34 1.32 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.43 2.48 0.00	38.75 2.87 0.00	41.77 3.38 0.00	53.44 4.19 -4.21	57.30 4.72 -1.28	66.10 5.29 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.88 3.28 0.00	53.73 3.14 0.00	43.32 2.64 0.00
NYPA_VERNON____GT3 24163	38.47 1.73 0.00	35.31 1.68 0.00	32.53 1.64 -0.01	31.68 1.59 -0.01	30.30 1.50 -0.01	30.77 1.35 0.00	29.34 1.32 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.86 2.03 0.00	30.33 2.04 0.00	33.37 2.24 0.00	36.43 2.48 0.00	38.75 2.87 0.00	41.77 3.38 0.00	53.44 4.19 -4.21	57.30 4.72 -1.28	66.10 5.29 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.88 3.28 0.00	53.73 3.14 0.00	43.32 2.64 0.00
NYPA__ASTORIA_CC1 323568	38.44 1.69 0.00	35.27 1.65 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.84 2.01 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.25 4.67 -1.28	65.98 5.17 0.00	69.39 5.02 0.00	66.95 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.61 0.00
NYPA__ASTORIA_CC2 323569	38.44 1.69 0.00	35.27 1.65 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.84 2.01 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.69 3.30 0.00	53.39 4.14 -4.21	57.25 4.67 -1.28	65.98 5.17 0.00	69.39 5.02 0.00	66.95 4.32 0.00	58.77 3.17 0.00	53.62 3.04 0.00	43.28 2.61 0.00
NYPA__HOLTSVILL 23794	38.51 1.76 0.00	35.17 1.55 0.00	32.46 1.57 0.00	31.40 1.32 0.00	30.00 1.21 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.34 1.27 0.00	27.31 1.79 0.00	28.02 2.27 0.00	32.53 2.67 -2.02	35.41 2.55 -4.58	35.79 2.77 -1.90	39.68 2.95 -2.77	44.86 3.37 -5.61	48.49 3.88 -6.22	53.62 4.46 -4.12	57.80 5.13 -1.36	67.01 5.35 -0.85	69.96 5.60 0.00	66.64 4.01 0.00	58.70 3.11 0.01	52.15 1.57 0.01	43.32 2.64 0.00
NYPA__HELLGATE_GT1 24158	38.47 1.73 0.00	35.27 1.65 0.00	32.60 1.70 -0.01	31.71 1.62 -0.01	30.35 1.55 -0.01	30.74 1.32 0.00	29.25 1.23 0.01	28.39 1.33 0.01	27.00 1.48 0.01	27.35 1.60 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.27 2.15 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.61 3.23 0.00	53.34 4.10 -4.20	55.79 4.62 0.13	65.79 4.99 0.01	69.19 4.83 0.01	66.76 4.13 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00

NYPA____HELLGATE_GT2 24159	38.47 1.73 0.00	35.27 1.65 0.00	32.60 1.70 -0.01	31.71 1.62 -0.01	30.35 1.55 -0.01	30.74 1.32 0.00	29.25 1.23 0.01	28.39 1.33 0.01	27.00 1.48 0.01	27.35 1.60 0.01	29.81 1.98 0.00	30.27 1.98 0.00	33.27 2.15 0.00	36.29 2.34 0.01	38.60 2.73 0.01	41.61 3.23 0.00	53.34 4.10 -4.20	55.79 4.62 0.13	65.79 4.99 0.01	69.19 4.83 0.01	66.76 4.13 0.01	58.59 3.00 0.01	53.46 2.88 0.01	43.28 2.61 0.00
NYS_BARGE____HYD 23848	33.37 -3.38 0.00	29.89 -3.73 0.00	27.49 -3.40 0.00	26.59 -3.49 0.00	25.42 -3.37 0.00	26.12 -3.29 0.00	24.83 -3.20 0.00	24.20 -2.87 0.00	22.77 -2.76 0.00	23.26 -2.50 0.00	25.02 -2.81 0.00	25.40 -2.89 0.00	27.95 -3.18 0.00	30.00 -3.94 0.02	31.09 -4.77 0.02	33.27 -5.11 0.02	37.03 -6.13 1.89	42.39 -6.67 2.25	49.43 -7.72 3.66	53.44 -7.66 3.26	52.03 -7.26 3.35	46.84 -5.89 2.86	44.40 -4.55 1.64	36.10 -4.03 0.55
OAK_ORCHARD____HYD 24046	35.17 -1.58 0.00	31.71 -1.92 0.00	29.13 -1.76 0.00	28.28 -1.80 0.00	27.09 -1.70 0.00	27.71 -1.71 0.00	26.40 -1.63 0.00	25.58 -1.49 0.00	24.07 -1.45 0.00	24.52 -1.24 0.00	26.41 -1.42 0.00	26.87 -1.41 0.00	29.63 -1.49 0.00	32.05 -1.90 0.00	33.41 -2.48 0.00	35.66 -2.72 0.00	40.30 -3.38 1.36	45.60 -3.59 2.12	54.20 -3.95 2.66	58.44 -3.54 2.39	56.80 -3.38 2.45	51.07 -2.39 2.14	47.22 -1.62 1.74	38.42 -1.67 0.58
OAKDALE____35_KV_LOAD 356122	36.41 -0.33 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.60 -0.48 0.00	28.33 -0.46 0.00	28.97 -0.44 0.00	27.60 -0.42 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.37 -0.39 0.00	27.39 -0.45 0.00	27.83 -0.45 0.00	30.63 -0.50 0.00	33.34 -0.61 0.00	35.20 -0.68 0.00	37.66 -0.73 0.00	44.00 -0.68 0.36	49.76 -0.92 0.63	59.38 -0.73 0.70	63.03 -0.71 0.63	61.42 -0.56 0.65	54.36 -0.67 0.57	49.57 -0.56 0.46	39.91 -0.61 0.15
OCC_CHEM____DRP 24175	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
OH_GEN_PROXY 24063	33.51 -3.23 0.00	30.03 -3.60 0.00	27.61 -3.28 0.00	26.68 -3.40 0.00	25.54 -3.25 0.00	25.00 -3.18 1.24	26.23 -3.03 -1.24	24.42 -2.65 0.00	22.97 -2.55 0.00	23.49 -2.27 0.00	25.24 -2.59 0.00	25.60 -2.69 0.00	28.20 -2.93 0.00	30.24 -3.70 0.02	31.34 -4.52 0.02	33.50 -4.88 0.02	37.22 -5.95 1.87	42.40 -6.52 2.39	49.51 -7.66 3.64	53.53 -7.60 3.24	52.05 -7.26 3.33	46.91 -5.84 2.86	44.47 -4.45 1.67	36.17 -3.94 0.56
OLIN_CORP_DRP 24177	32.92 -3.82 0.00	29.42 -4.20 0.00	27.09 -3.80 0.00	26.14 -3.94 0.00	25.05 -3.74 0.00	25.71 -3.71 0.00	24.83 -3.19 0.00	23.90 -3.17 0.00	22.51 -3.01 0.00	23.00 -2.76 0.00	24.74 -3.09 0.00	25.06 -3.22 0.00	27.48 -3.64 0.00	28.91 -5.03 0.02	30.66 -5.20 0.02	32.80 -5.57 0.02	36.34 -6.76 1.94	41.64 -7.39 2.28	48.17 -8.88 3.76	52.33 -8.69 3.35	50.93 -8.27 3.44	45.88 -6.78 2.93	43.55 -5.41 1.62	35.58 -4.56 0.54
OLIN_CORP_DSASP 323712	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
ONEIDA_HERK_LFGE 323681	37.04 0.29 0.00	33.90 0.27 0.00	31.20 0.31 0.00	30.38 0.30 0.00	29.08 0.29 0.00	29.74 0.32 0.00	28.22 0.20 0.00	27.20 0.14 0.00	25.55 0.03 0.00	25.76 0.00 0.00	27.75 -0.08 0.00	28.17 -0.11 0.00	31.03 -0.09 0.00	33.78 -0.17 0.00	35.70 -0.18 0.00	38.24 -0.15 0.00	45.00 -0.04 0.00	51.36 0.05 0.00	61.30 0.48 0.00	65.27 0.90 0.00	63.70 1.06 0.00	56.43 0.84 0.00	51.45 0.86 0.00	41.25 0.57 0.00
ONEIDA____115KV_TB4 55905	37.22 0.48 0.00	34.06 0.44 0.00	31.29 0.40 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.77 0.35 0.00	28.28 0.25 0.00	27.20 0.14 0.00	25.55 0.03 0.00	25.78 0.03 0.00	27.78 -0.06 0.00	28.26 -0.03 0.00	31.13 0.00 0.00	33.89 -0.07 0.00	35.85 -0.04 0.00	38.39 0.00 0.00	44.84 0.09 0.29	51.11 0.26 0.45	60.92 0.67 0.57	64.89 1.03 0.51	63.31 1.19 0.52	56.09 0.95 0.45	51.08 0.86 0.37	41.12 0.57 0.12
ONONDAGA_REF_OCCRA 23987	36.41 -0.33 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.63 -0.45 0.00	28.39 -0.40 0.00	29.03 -0.38 0.00	27.63 -0.39 0.00	26.64 -0.43 0.00	25.07 -0.46 0.00	25.32 -0.44 0.00	27.33 -0.50 0.00	27.83 -0.45 0.00	30.66 -0.47 0.00	33.31 -0.65 0.00	35.20 -0.68 0.00	37.54 -0.84 0.00	43.69 -0.95 0.40	49.70 -0.97 0.63	59.05 -0.97 0.79	62.76 -0.90 0.71	61.16 -0.75 0.73	54.35 -0.61 0.63	49.57 -0.51 0.52	39.97 -0.53 0.17
ONONDAGA____COGEN 23986	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.35 0.00	29.09 -0.32 0.00	27.69 -0.34 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.24 -0.65 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.38 -0.92 0.00	59.84 -0.97 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
ONTARIO____LFGE 23819	36.31 -0.44 0.00	32.96 -0.67 0.00	30.21 -0.68 0.00	29.33 -0.75 0.00	28.07 -0.72 0.00	28.74 -0.68 0.00	27.32 -0.70 0.00	26.34 -0.73 0.00	24.66 -0.87 0.00	25.01 -0.75 0.00	26.91 -0.92 0.00	27.41 -0.88 0.00	30.25 -0.87 0.00	32.81 -1.15 -0.01	34.53 -1.36 -0.01	36.90 -1.50 -0.01	43.02 -1.62 0.40	48.49 -1.54 1.28	58.39 -1.64 0.79	62.28 -1.35 0.73	60.82 -1.07 0.75	54.06 -0.83 0.71	49.24 -0.30 1.04	39.76 -0.57 0.35
ORANGEVILLE_WT_PWR 323706	34.58 -2.17 0.00	31.14 -2.49 0.00	28.60 -2.29 0.00	27.67 -2.41 0.00	26.46 -2.33 0.00	27.18 -2.24 0.00	25.81 -2.21 0.00	24.96 -2.11 0.00	23.38 -2.14 0.00	23.80 -1.96 0.00	25.60 -2.23 0.00	26.02 -2.26 0.00	28.67 -2.46 0.00	30.80 -3.09 0.07	32.26 -3.55 0.07	34.56 -3.76 0.07	37.39 -4.24 3.41	44.86 -4.57 1.88	49.17 -5.05 6.59	53.54 -5.02 5.81	52.11 -4.57 5.95	46.75 -3.95 4.91	46.26 -2.98 1.35	37.46 -2.77 0.45
ORANGEVILLE____ESR 323794	34.58 -2.17 0.00	31.14 -2.49 0.00	28.60 -2.29 0.00	27.67 -2.41 0.00	26.46 -2.33 0.00	27.18 -2.24 0.00	25.81 -2.21 0.00	24.96 -2.11 0.00	23.38 -2.14 0.00	23.80 -1.96 0.00	25.60 -2.23 0.00	26.02 -2.26 0.00	28.67 -2.46 0.00	30.80 -3.09 0.07	32.26 -3.55 0.07	34.56 -3.76 0.07	37.39 -4.24 3.41	44.86 -4.57 1.88	49.17 -5.05 6.59	53.54 -5.02 5.81	52.11 -4.57 5.95	46.75 -3.95 4.91	46.26 -2.98 1.35	37.46 -2.77 0.45

OSWEGATCHIE___HYD 24044	36.56 -0.18 0.00	33.46 -0.17 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.35 -0.06 0.00	27.86 -0.17 0.00	26.85 -0.22 0.00	25.17 -0.36 0.00	25.40 -0.36 0.00	27.30 -0.53 0.00	27.69 -0.60 0.00	30.47 -0.66 0.00	33.17 -0.78 0.00	35.02 -0.86 0.00	37.51 -0.88 0.00	44.09 -0.95 0.00	50.33 -0.98 0.00	60.08 -0.73 0.00	64.18 -0.19 0.00	62.64 0.00 0.00	55.43 -0.17 0.00	50.64 0.05 0.00	40.72 0.04 0.00
OSWEGO___5 23606	35.86 -0.88 0.00	32.75 -0.87 0.00	30.09 -0.80 0.00	29.27 -0.81 0.00	28.04 -0.75 0.00	28.65 -0.76 0.00	27.27 -0.76 0.00	26.31 -0.76 0.00	24.78 -0.74 0.00	25.03 -0.72 0.00	27.02 -0.81 0.00	27.50 -0.79 0.00	30.29 -0.84 0.00	32.97 -0.99 0.00	34.73 -1.15 0.00	37.04 -1.34 0.00	47.39 -1.62 -3.97	55.73 -1.80 -6.22	66.55 -2.01 -7.74	69.34 -2.00 -6.97	67.90 -1.88 -7.14	60.21 -1.61 -6.23	54.25 -1.42 -5.07	41.20 -1.18 -1.70
OSWEGO___6 23613	35.86 -0.88 0.00	32.75 -0.87 0.00	30.09 -0.80 0.00	29.27 -0.81 0.00	28.04 -0.75 0.00	28.65 -0.76 0.00	27.27 -0.76 0.00	26.31 -0.76 0.00	24.78 -0.74 0.00	25.03 -0.72 0.00	27.02 -0.81 0.00	27.50 -0.79 0.00	30.29 -0.84 0.00	32.97 -0.99 0.00	34.73 -1.15 0.00	37.04 -1.34 0.00	47.39 -1.62 -3.97	55.73 -1.80 -6.22	66.55 -2.01 -7.74	69.34 -2.00 -6.97	67.90 -1.88 -7.14	60.21 -1.61 -6.23	54.25 -1.42 -5.07	41.20 -1.18 -1.70
OUTOKUMPU-AB___DRP 24206	33.77 -2.98 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.71 -3.08 0.00	26.38 -3.03 0.00	25.39 -2.63 0.00	24.39 -2.68 0.00	22.97 -2.55 0.00	23.46 -2.29 0.00	25.24 -2.59 0.00	25.56 -2.72 0.01	28.04 -3.08 0.01	29.62 -4.31 0.02	31.38 -4.49 0.02	33.61 -4.76 0.02	37.44 -5.63 1.97	42.79 -6.26 2.26	50.13 -6.87 3.81	54.28 -6.69 3.39	52.77 -6.39 3.48	47.18 -5.45 2.97	44.63 -4.35 1.61	36.39 -3.74 0.54
OXBOW___BTM 323836	33.58 -3.16 0.00	30.13 -3.50 0.00	27.74 -3.15 0.00	26.80 -3.28 0.00	25.63 -3.17 0.00	26.29 -3.12 0.00	24.91 -3.11 0.00	24.28 -2.79 0.00	22.87 -2.66 0.00	23.36 -2.39 0.00	25.08 -2.76 0.00	25.42 -2.86 0.01	27.97 -3.14 0.01	30.00 -3.94 0.02	31.09 -4.77 0.02	33.26 -5.11 0.02	36.92 -6.17 1.95	42.85 -6.16 2.29	49.85 -7.18 3.79	53.85 -7.15 3.37	52.35 -6.83 3.46	46.92 -5.73 2.95	44.36 -4.60 1.63	36.10 -4.03 0.55
OXBOW___ 24026	33.58 -3.16 0.00	30.10 -3.53 0.00	27.74 -3.15 0.00	26.74 -3.34 0.00	25.63 -3.17 0.00	26.24 -3.18 0.00	25.25 -2.77 0.00	24.28 -2.79 0.00	22.87 -2.65 0.00	23.36 -2.40 0.00	25.08 -2.76 0.00	25.36 -2.91 0.01	27.84 -3.27 0.01	29.32 -4.62 0.02	31.05 -4.81 0.02	33.26 -5.11 0.02	36.92 -6.17 1.95	42.29 -6.22 2.29	49.72 -7.30 3.79	53.91 -7.08 3.37	52.41 -6.76 3.46	46.92 -5.73 2.95	44.26 -4.70 1.63	36.14 -3.99 0.55
OXY_CHEM_DSASP 323612	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
OZONE_PARK_ESR 323760	38.66 1.91 0.00	35.48 1.85 0.00	32.59 1.70 0.00	31.76 1.68 0.00	30.35 1.55 0.00	30.91 1.50 0.00	29.51 1.49 0.00	28.69 1.62 0.00	27.29 1.76 0.00	27.61 1.85 0.00	30.11 2.28 0.00	30.55 2.26 0.00	33.65 2.52 0.00	36.87 2.92 0.00	39.11 3.23 0.00	42.11 3.72 0.00	53.84 4.64 -4.16	57.85 5.28 -1.26	66.83 6.02 0.00	70.23 5.86 0.00	67.84 5.20 0.00	59.55 3.95 0.00	54.13 3.54 0.00	43.60 2.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.29 -3.45 0.00	29.89 -3.73 0.00	27.52 -3.37 0.00	26.56 -3.52 0.00	25.45 -3.34 0.00	26.03 -3.38 0.00	25.08 -2.94 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.23 -2.52 0.00	24.88 -2.95 0.00	25.13 -3.14 0.02	27.56 -3.55 0.02	28.91 -5.03 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	41.64 -7.34 2.33	49.08 -7.97 3.77	53.29 -7.72 3.35	51.87 -7.33 3.44	46.43 -6.23 2.94	43.74 -5.21 1.64	35.73 -4.39 0.55
PACKARD___115KV_DUPONT_184 80571	33.29 -3.46 0.00	29.93 -3.70 0.00	27.52 -3.37 0.00	26.62 -3.46 0.00	25.45 -3.34 0.00	26.09 -3.32 0.00	24.69 -3.34 0.00	24.12 -2.95 0.00	22.72 -2.81 0.00	23.21 -2.55 0.00	24.88 -2.95 0.00	25.16 -3.11 0.02	27.68 -3.42 0.02	29.69 -4.25 0.02	30.70 -5.17 0.02	32.84 -5.53 0.02	36.30 -6.80 1.94	42.31 -6.67 2.33	49.20 -7.84 3.77	53.29 -7.73 3.35	51.81 -7.39 3.44	46.43 -6.23 2.94	43.84 -5.11 1.64	35.73 -4.39 0.55
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.47 1.73 0.00	35.31 1.68 0.00	32.57 1.67 -0.01	31.68 1.59 -0.01	30.30 1.50 -0.01	30.71 1.29 0.00	29.17 1.15 0.00	28.34 1.27 0.00	26.93 1.40 0.00	27.25 1.49 0.00	29.75 1.92 0.00	30.21 1.92 0.00	33.24 2.12 0.00	36.40 2.44 0.00	38.57 2.69 0.00	41.57 3.19 0.00	53.21 3.96 -4.21	55.71 4.41 0.01	65.80 4.99 0.00	69.13 4.76 0.00	66.71 4.07 0.00	58.60 3.00 0.00	53.47 2.88 0.00	43.28 2.60 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.10 2.35 0.00	35.88 2.25 0.00	33.06 2.16 -0.01	32.19 2.11 -0.01	30.79 1.99 -0.01	31.18 1.76 0.00	29.65 1.63 0.00	28.77 1.71 0.00	27.36 1.84 0.00	27.69 1.93 0.00	30.23 2.39 0.00	30.66 2.38 0.00	33.74 2.61 0.00	36.94 2.99 0.00	39.15 3.27 0.00	42.19 3.80 0.00	53.98 4.73 -4.21	56.58 5.28 0.01	66.89 6.08 0.00	70.29 5.92 0.00	67.84 5.20 0.00	59.49 3.89 0.00	54.33 3.74 0.00	43.97 3.29 0.00
PATROON___115KV_TB1 80586	37.19 0.44 0.00	34.23 0.61 0.00	31.69 0.80 0.00	30.89 0.81 0.00	29.60 0.81 0.00	30.24 0.82 0.00	28.61 0.59 0.00	27.53 0.46 0.00	25.83 0.31 0.00	25.96 0.21 0.00	28.11 0.28 0.00	28.57 0.28 0.00	31.44 0.31 0.00	34.46 0.51 0.00	36.42 0.54 0.00	39.08 0.69 0.00	45.72 0.68 0.00	51.87 0.56 0.00	61.60 0.79 0.00	65.01 0.64 0.00	63.39 0.75 0.00	56.32 0.72 0.00	50.99 0.40 0.00	41.08 0.41 0.00
PATTRSNVILLE___SOLAR 323815	37.74 0.99 0.00	34.64 1.01 0.00	31.85 0.96 0.00	31.04 0.96 0.00	29.71 0.92 0.00	30.35 0.94 0.00	28.72 0.70 0.00	27.48 0.41 0.00	25.75 0.23 0.00	25.83 0.08 0.00	27.89 0.06 0.00	28.32 0.03 0.00	31.16 0.03 0.00	34.02 0.07 0.00	36.20 0.32 0.00	38.77 0.38 0.00	45.72 0.68 0.00	52.28 0.97 0.00	62.45 1.64 0.00	66.30 1.93 0.00	64.70 2.06 0.00	57.43 1.83 0.00	52.06 1.47 0.00	41.81 1.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.14 -2.61 0.00	30.63 -2.99 0.00	28.17 -2.72 0.00	27.16 -2.92 0.00	25.97 -2.82 0.00	26.68 -2.74 0.00	25.67 -2.35 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.03 0.00	25.55 -2.28 0.00	25.91 -2.38 0.00	28.45 -2.68 0.00	30.84 -3.09 0.02	32.38 -3.48 0.02	34.60 -3.76 0.02	39.37 -3.69 1.98	43.37 -5.80 2.14	51.87 -5.11 3.84	55.04 -5.92 3.41	53.69 -5.45 3.50	46.90 -5.73 2.97	44.32 -4.76 1.52	35.98 -4.19 0.51

PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.40 1.65 0.00	35.28 1.65 0.00	32.40 1.51 0.00	31.55 1.47 0.00	30.20 1.41 0.00	30.80 1.38 0.00	29.29 1.26 0.00	28.37 1.30 0.00	26.90 1.38 0.00	27.17 1.42 0.00	29.53 1.70 0.00	29.96 1.67 0.00	33.06 1.93 0.00	36.30 2.34 0.00	38.43 2.55 0.00	41.38 2.99 0.00	48.78 3.74 0.00	55.66 4.36 0.01	66.04 5.23 0.00	69.46 5.09 0.00	67.15 4.51 0.00	59.10 3.50 0.00	53.57 2.98 0.00	43.08 2.40 0.00
PEEKSKILL____ 23653	38.11 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.97 1.18 0.00	30.53 1.12 0.00	29.12 1.09 0.00	28.23 1.16 0.00	26.80 1.28 0.00	27.12 1.36 0.00	29.47 1.64 0.00	29.90 1.61 0.00	32.93 1.80 0.00	35.99 2.04 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.56 3.52 0.00	55.35 4.05 0.01	65.38 4.56 0.00	68.81 4.44 0.00	66.52 3.88 0.00	58.54 2.94 0.00	53.12 2.53 0.00	42.79 2.11 0.00
PGE MADISON__WINDPWR 24146	38.29 1.54 0.00	34.97 1.35 0.00	32.06 1.17 0.00	31.16 1.08 0.00	29.83 1.04 0.00	30.53 1.12 0.00	28.92 0.90 0.00	27.69 0.62 0.00	25.83 0.31 0.00	26.01 0.26 0.00	27.94 0.11 0.00	28.34 0.06 0.00	31.28 0.16 0.00	33.96 0.00 0.00	35.99 0.11 0.00	38.62 0.23 0.00	45.59 0.68 0.13	52.02 1.18 0.46	63.05 2.49 0.25	67.55 3.41 0.24	66.09 3.70 0.24	58.31 2.95 0.23	52.92 2.68 0.35	42.39 1.83 0.12
PIERCEFIELD__HYD 23852	36.63 -0.11 0.00	33.49 -0.13 0.00	30.74 -0.15 0.00	29.96 -0.12 0.00	28.68 -0.12 0.00	29.32 -0.09 0.00	27.91 -0.11 0.00	26.93 -0.14 0.00	25.32 -0.20 0.00	25.55 -0.21 0.00	27.50 -0.33 0.00	27.86 -0.42 0.00	30.66 -0.47 0.00	33.41 -0.54 0.00	35.31 -0.57 0.00	37.77 -0.61 0.00	44.27 -0.77 0.00	50.54 -0.77 0.00	59.96 -0.85 0.00	63.79 -0.58 0.00	62.14 -0.50 0.00	55.04 -0.56 0.00	50.29 -0.30 0.00	40.55 -0.12 0.00
PINELAWN_CC_1 323563	38.65 1.91 0.00	35.31 1.68 0.00	32.49 1.61 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.59 1.18 0.00	29.17 1.15 0.00	28.39 1.33 0.00	27.29 1.76 0.00	27.94 2.19 0.00	32.47 2.62 -2.03	35.44 2.57 -4.58	35.88 2.86 -1.90	40.23 3.16 -3.12	51.64 3.59 -12.17	55.28 4.11 -12.78	60.59 4.87 -10.68	60.40 5.54 -3.55	69.04 6.02 -2.21	70.81 6.44 0.00	67.53 4.89 0.00	59.38 3.78 0.00	52.81 2.22 0.01	43.61 2.93 0.00
PJM_GEN_HTP_PROXY 323702	38.32 1.58 0.00	35.18 1.55 0.00	32.34 1.45 0.00	31.49 1.41 0.00	30.12 1.33 0.00	29.44 1.26 1.24	30.52 1.26 -1.24	28.48 1.41 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.84 2.01 0.00	30.27 1.98 0.00	33.30 2.18 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.27 4.14 -4.09	57.32 4.77 -1.24	66.10 5.29 0.00	69.52 5.15 0.00	67.15 4.51 0.00	58.99 3.39 0.00	53.57 2.98 0.00	43.16 2.48 0.00
PJM_GEN_KEystone 24065	36.12 -0.62 0.00	32.89 -0.74 0.00	30.21 -0.68 0.00	28.64 -0.78 0.66	28.04 -0.75 0.00	27.20 -0.73 1.48	26.95 -0.70 0.37	26.55 -0.52 0.00	25.12 -0.41 0.00	25.52 -0.23 0.00	27.61 -0.22 0.00	28.00 -0.28 0.00	30.85 -0.28 0.00	33.47 -0.48 0.01	35.45 -0.43 0.01	38.04 -0.35 0.01	44.36 -0.22 0.45	50.23 -0.20 0.87	59.01 -0.36 1.44	62.44 -0.64 1.29	60.63 -0.69 1.32	53.52 -0.95 1.13	49.20 -0.71 0.68	39.67 -0.77 0.23
PJM_GEN_NEPTUNE_PROXY 323594	38.18 1.43 0.00	34.94 1.31 0.00	32.16 1.27 0.00	31.16 1.08 0.00	29.80 1.01 0.00	29.06 0.88 1.24	30.13 0.87 -1.24	28.12 1.05 0.00	26.98 1.45 0.00	27.58 1.83 0.00	32.08 2.23 -2.02	35.07 2.21 -4.57	35.48 2.46 -1.90	39.27 2.72 -2.60	41.53 3.16 -2.49	45.14 3.65 -3.10	50.41 4.37 -1.00	56.45 4.82 -0.32	66.37 5.35 -0.20	70.16 5.80 0.01	66.95 4.32 0.01	58.87 3.28 0.01	52.35 1.77 0.01	43.07 2.40 0.00
PJM_GEN_VFT_PROXY 323633	38.25 1.51 0.00	35.07 1.44 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	29.35 1.18 1.24	30.46 1.20 -1.24	28.42 1.35 0.00	27.03 1.51 0.00	27.38 1.62 0.00	29.81 1.98 0.00	30.24 1.95 0.00	33.27 2.15 0.00	36.36 2.41 0.00	38.68 2.80 0.00	41.65 3.26 0.00	53.25 4.06 -4.16	57.24 4.67 -1.26	65.98 5.17 0.00	69.39 5.02 0.00	67.02 4.38 0.00	58.82 3.22 0.00	53.47 2.88 0.00	43.08 2.40 0.00
PLATSBURG_115KV_PMLD1 355749	37.22 0.48 0.00	34.03 0.40 0.00	31.20 0.31 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.80 0.38 0.00	28.42 0.39 0.00	27.42 0.35 0.00	25.86 0.33 0.00	26.14 0.39 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.47 0.34 0.00	34.40 0.44 0.00	36.31 0.43 0.00	38.77 0.38 0.00	45.49 0.45 0.00	51.77 0.46 0.00	61.42 0.61 0.00	65.14 0.77 0.00	63.26 0.63 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.25 0.57 0.00
PLEASANTVLY__LBMP 24000	37.92 1.18 0.00	34.84 1.21 0.00	32.06 1.17 0.00	31.22 1.14 0.00	29.86 1.07 0.00	30.47 1.06 0.00	28.98 0.95 0.00	28.10 1.03 0.00	26.67 1.15 0.00	26.94 1.18 0.00	29.28 1.45 0.00	29.73 1.44 0.00	32.74 1.62 0.00	35.89 1.94 0.00	38.00 2.12 0.00	40.88 2.50 0.00	48.15 3.11 0.00	54.79 3.49 0.01	64.76 3.95 0.00	68.10 3.73 0.00	65.96 3.32 0.00	58.16 2.56 0.00	52.76 2.18 0.00	42.51 1.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.88 1.35 0.00	27.17 1.42 0.00	29.56 1.73 0.00	29.98 1.70 0.00	33.06 1.93 0.00	36.23 2.27 0.00	38.39 2.51 0.00	41.34 2.96 0.00	48.69 3.65 0.00	55.46 4.16 0.01	65.56 4.74 0.00	68.94 4.57 0.00	66.71 4.07 0.00	58.71 3.11 0.00	53.27 2.68 0.00	42.91 2.24 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.03 1.24 0.00	30.62 1.21 0.00	29.17 1.15 0.00	28.31 1.25 0.00	26.88 1.35 0.00	27.17 1.42 0.00	29.56 1.73 0.00	29.98 1.70 0.00	33.06 1.93 0.00	36.23 2.27 0.00	38.39 2.51 0.00	41.34 2.96 0.00	48.69 3.65 0.00	55.46 4.16 0.01	65.56 4.74 0.00	68.94 4.57 0.00	66.71 4.07 0.00	58.71 3.11 0.00	53.27 2.68 0.00	42.91 2.24 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.18 1.43 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.40 1.32 0.00	30.06 1.27 0.00	30.65 1.24 0.00	29.15 1.12 0.00	28.21 1.14 0.00	26.73 1.20 0.00	26.97 1.21 0.00	29.31 1.48 0.00	29.73 1.44 0.00	32.78 1.65 0.00	35.96 2.00 0.00	38.11 2.22 0.00	41.04 2.65 0.00	48.33 3.29 0.00	55.10 3.80 0.01	65.31 4.50 0.00	68.68 4.31 0.00	66.52 3.88 0.00	58.66 3.06 0.00	53.17 2.58 0.00	42.75 2.07 0.00
POLETTI____ 23519	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.29 1.26 0.00	28.48 1.41 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.84 2.00 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.33 4.10 -4.19	57.25 4.67 -1.27	66.10 5.29 0.00	69.46 5.09 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.62 3.04 0.00	43.16 2.48 0.00

POMONA___ESR 323819	38.11 1.36 0.00	35.01 1.38 0.00	32.16 1.27 0.00	31.31 1.23 0.00	29.95 1.15 0.00	30.50 1.09 0.00	29.09 1.06 0.00	28.21 1.14 0.00	26.78 1.25 0.00	27.09 1.34 0.00	29.45 1.61 0.00	29.87 1.58 0.00	32.90 1.77 0.00	35.99 2.04 0.00	38.29 2.40 0.00	41.23 2.84 0.00	48.56 3.52 0.00	55.35 4.05 0.01	65.38 4.56 0.00	68.81 4.44 0.00	66.58 3.95 0.00	58.60 3.00 0.00	53.17 2.58 0.00	42.75 2.07 0.00
PORT_JEFF_3 23555	38.54 1.80 0.00	35.21 1.58 0.00	32.49 1.61 0.00	31.43 1.35 0.00	30.03 1.24 0.00	30.53 1.12 0.00	29.12 1.09 0.00	28.34 1.27 0.00	27.34 1.81 0.00	28.07 2.32 0.00	32.56 2.70 -2.02	35.46 2.60 -4.58	35.85 2.83 -1.90	39.78 3.06 -2.77	45.02 3.48 -5.66	48.66 3.99 -6.28	53.86 4.64 -4.18	58.02 5.34 -1.38	67.02 5.35 -0.86	69.90 5.54 0.00	66.58 3.95 0.00	58.76 3.17 0.01	52.30 1.72 0.01	43.40 2.73 0.00
PORT_JEFF_4 23616	38.54 1.80 0.00	35.21 1.58 0.00	32.49 1.61 0.00	31.43 1.35 0.00	30.03 1.24 0.00	30.53 1.12 0.00	29.12 1.09 0.00	28.34 1.27 0.00	27.34 1.81 0.00	28.07 2.32 0.00	32.56 2.70 -2.02	35.46 2.60 -4.58	35.85 2.83 -1.90	39.78 3.06 -2.77	45.02 3.48 -5.66	48.66 3.99 -6.28	53.86 4.64 -4.18	58.02 5.34 -1.38	67.02 5.35 -0.86	69.90 5.54 0.00	66.58 3.95 0.00	58.76 3.17 0.01	52.30 1.72 0.01	43.40 2.73 0.00
PORT_JEFF_IC 23713	38.62 1.87 0.00	35.28 1.65 0.00	32.53 1.64 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.15 1.12 0.00	28.40 1.33 0.00	27.39 1.86 0.00	27.92 2.16 0.00	32.64 2.78 -2.03	35.55 2.69 -4.58	35.95 2.93 -1.90	39.99 3.26 -2.78	45.24 3.55 -5.81	48.92 4.11 -6.42	54.14 4.77 -4.32	58.38 5.64 -1.43	67.24 5.53 -0.89	69.84 5.47 0.00	66.58 3.95 0.00	58.93 3.34 0.01	52.40 1.82 0.01	43.48 2.81 0.00
PPL PILGRIM_ST_GT1 24216	38.80 2.06 0.00	35.44 1.81 0.00	32.65 1.76 0.00	31.61 1.53 0.00	30.20 1.41 0.00	30.71 1.29 0.00	29.29 1.26 0.00	28.50 1.43 0.00	27.44 1.92 0.00	28.15 2.40 0.00	32.67 2.81 -2.02	35.64 2.77 -4.58	36.07 3.05 -1.90	40.10 3.33 -2.81	46.09 3.77 -6.44	49.75 4.30 -7.06	55.00 5.00 -4.96	58.64 5.69 -1.64	67.80 5.96 -1.02	70.61 6.24 0.00	67.33 4.70 0.00	59.26 3.67 0.00	52.80 2.22 0.01	43.77 3.09 0.00
PPL PILGRIM_ST_GT2 24217	38.80 2.06 0.00	35.44 1.81 0.00	32.65 1.76 0.00	31.61 1.53 0.00	30.20 1.41 0.00	30.71 1.29 0.00	29.29 1.26 0.00	28.50 1.43 0.00	27.44 1.92 0.00	28.15 2.40 0.00	32.67 2.81 -2.02	35.64 2.77 -4.58	36.07 3.05 -1.90	40.10 3.33 -2.81	46.09 3.77 -6.44	49.75 4.30 -7.06	55.00 5.00 -4.96	58.64 5.69 -1.64	67.80 5.96 -1.02	70.61 6.24 0.00	67.33 4.70 0.00	59.26 3.67 0.00	52.80 2.22 0.01	43.77 3.09 0.00
PPL_SHRM_GT3 24213	38.32 1.58 0.00	34.97 1.35 0.00	32.40 1.51 0.00	31.37 1.29 0.00	29.97 1.18 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.29 1.22 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.32 2.46 -4.58	35.73 2.71 -1.90	39.48 2.75 -2.78	44.74 3.12 -5.73	48.39 3.65 -6.35	53.52 4.23 -4.25	57.64 4.93 -1.40	66.85 5.17 -0.87	69.71 5.34 0.00	66.26 3.63 0.00	58.43 2.83 0.01	51.79 1.21 0.01	43.24 2.56 0.00
PPL_SHRM_GT4 24214	38.32 1.58 0.00	34.97 1.35 0.00	32.40 1.51 0.00	31.37 1.29 0.00	29.97 1.18 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.29 1.22 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.32 2.46 -4.58	35.73 2.71 -1.90	39.48 2.75 -2.78	44.74 3.12 -5.73	48.39 3.65 -6.35	53.52 4.23 -4.25	57.64 4.93 -1.40	66.85 5.17 -0.87	69.71 5.34 0.00	66.26 3.63 0.00	58.43 2.83 0.01	51.79 1.21 0.01	43.24 2.56 0.00
PROJECT___ORANGE 1 24174	36.27 -0.48 0.00	33.12 -0.50 0.00	30.40 -0.49 0.00	29.54 -0.54 0.00	28.30 -0.49 0.00	28.94 -0.47 0.00	27.55 -0.48 0.00	26.55 -0.51 0.00	24.99 -0.54 0.00	25.27 -0.49 0.00	27.25 -0.58 0.00	27.75 -0.54 0.00	30.57 -0.56 0.00	33.21 -0.75 0.00	35.09 -0.79 0.00	37.43 -0.96 0.00	43.35 -1.13 0.56	49.25 -1.18 0.88	58.44 -1.28 1.09	62.16 -1.22 0.98	60.56 -1.06 1.01	53.83 -0.89 0.88	49.11 -0.76 0.72	39.74 -0.69 0.24
PROJECT___ORANGE 2 24166	36.27 -0.48 0.00	33.12 -0.50 0.00	30.40 -0.49 0.00	29.54 -0.54 0.00	28.30 -0.49 0.00	28.94 -0.47 0.00	27.55 -0.48 0.00	26.55 -0.51 0.00	24.99 -0.54 0.00	25.27 -0.49 0.00	27.25 -0.58 0.00	27.75 -0.54 0.00	30.57 -0.56 0.00	33.21 -0.75 0.00	35.09 -0.79 0.00	37.43 -0.96 0.00	43.35 -1.13 0.56	49.25 -1.18 0.88	58.44 -1.28 1.09	62.16 -1.22 0.98	60.56 -1.06 1.01	53.83 -0.89 0.88	49.11 -0.76 0.72	39.74 -0.69 0.24
PUCKETT___SOLAR 323809	36.93 0.18 0.00	33.69 0.07 0.00	30.92 0.03 0.00	30.05 -0.03 0.00	28.76 -0.03 0.00	29.41 0.00 0.00	27.94 -0.08 0.00	26.91 -0.16 0.00	25.25 -0.28 0.00	25.47 -0.28 0.00	27.47 -0.36 0.00	27.89 -0.40 0.00	30.72 -0.41 0.00	33.41 -0.54 0.00	35.35 -0.54 0.00	37.85 -0.54 0.00	44.36 -0.36 0.32	50.56 -0.20 0.55	60.38 0.18 0.62	64.20 0.39 0.56	62.63 0.56 0.57	55.43 0.34 0.50	50.54 0.36 0.41	40.62 0.08 0.14
PYRITES___HYD 24023	37.22 0.48 0.00	34.03 0.40 0.00	31.20 0.31 0.00	30.41 0.33 0.00	29.11 0.32 0.00	29.74 0.32 0.00	28.33 0.31 0.00	27.26 0.19 0.00	25.58 0.05 0.00	25.78 0.03 0.00	27.72 -0.11 0.00	28.12 -0.17 0.00	30.94 -0.19 0.00	33.72 -0.24 0.00	35.60 -0.29 0.00	38.08 -0.31 0.00	44.68 -0.36 0.00	51.05 -0.26 0.00	60.75 -0.06 0.00	64.89 0.51 0.00	63.26 0.63 0.00	55.99 0.39 0.00	51.20 0.61 0.00	41.25 0.57 0.00
QUAKERRD_115KV_BK1 80622	34.65 -2.09 0.00	31.34 -2.29 0.00	28.79 -2.10 0.00	27.94 -2.14 0.00	26.78 -2.02 0.00	27.38 -2.03 0.00	26.23 -1.79 0.00	25.26 -1.81 0.00	23.76 -1.76 0.00	24.18 -1.57 0.00	26.05 -1.78 0.00	26.48 -1.81 0.00	29.17 -1.96 0.00	31.20 -2.75 0.00	33.05 -2.83 0.00	35.28 -3.11 0.00	39.92 -3.78 1.34	45.49 -3.75 2.07	53.51 -4.68 2.62	57.64 -4.38 2.35	56.09 -4.13 2.41	50.33 -3.17 2.10	46.40 -2.48 1.71	37.86 -2.24 0.58
QUENSBRY_115KV_TB8 356137	39.10 2.35 0.00	35.85 2.22 0.00	32.93 2.04 0.00	32.09 2.02 0.00	30.78 1.99 0.00	31.47 2.06 0.00	29.71 1.68 0.00	28.34 1.27 0.00	26.52 1.00 0.00	26.58 0.82 0.00	28.44 0.61 0.00	28.88 0.59 0.00	31.72 0.59 0.00	34.63 0.68 0.00	36.74 0.86 0.00	39.50 1.11 0.00	47.11 2.07 0.00	53.57 2.26 0.00	64.83 4.01 0.00	68.81 4.44 0.00	67.33 4.70 0.00	59.88 4.28 0.00	53.93 3.34 0.00	43.16 2.48 0.00
RAMAPO___LBMP 323565	37.96 1.21 0.00	34.87 1.24 0.00	32.03 1.14 0.00	31.19 1.11 0.00	29.83 1.04 0.00	30.41 1.00 0.00	28.95 0.92 0.00	28.12 1.06 0.00	26.70 1.17 0.00	26.99 1.24 0.00	29.33 1.50 0.00	29.76 1.47 0.00	32.81 1.68 0.00	35.96 2.00 0.00	38.11 2.22 0.00	41.04 2.65 0.00	48.33 3.29 0.00	54.99 3.69 0.01	65.07 4.26 0.00	68.43 4.06 0.00	66.21 3.57 0.00	58.32 2.72 0.00	52.92 2.33 0.00	42.59 1.91 0.00

RANKINE_____	34.10	30.57	28.11	27.10	25.94	26.65	25.67	24.69	23.23	23.72	25.52	25.88	28.42	30.30	32.02	34.26	38.33	43.54	50.77	54.68	53.21	47.38	45.05	36.62
23646	-2.65	-3.06	-2.78	-2.98	-2.85	-2.76	-2.35	-2.38	-2.30	-2.03	-2.31	-2.40	-2.71	-3.63	-3.84	-4.11	-4.64	-5.59	-6.02	-6.12	-5.76	-5.12	-4.00	-3.54
	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	0.02	0.02	0.02	2.07	2.17	4.02	3.57	3.66	3.11	1.54	0.52
RAVENSWOOD_GT2_1	38.36	35.21	32.37	31.55	30.15	30.74	29.29	28.48	27.06	27.38	29.84	30.27	33.34	36.53	38.72	41.73	53.35	57.25	66.10	69.46	67.08	58.93	53.62	43.16
24244	1.62	1.58	1.48	1.47	1.35	1.32	1.26	1.41	1.53	1.62	2.00	1.98	2.21	2.58	2.83	3.34	4.10	4.67	5.29	5.09	4.45	3.34	3.04	2.48
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	38.36	35.21	32.37	31.55	30.15	30.74	29.29	28.48	27.06	27.38	29.84	30.27	33.34	36.53	38.72	41.73	53.35	57.25	66.10	69.46	67.08	58.93	53.62	43.16
24245	1.62	1.58	1.48	1.47	1.35	1.32	1.26	1.41	1.53	1.62	2.00	1.98	2.21	2.58	2.83	3.34	4.10	4.67	5.29	5.09	4.45	3.34	3.04	2.48
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	38.36	35.21	32.37	31.55	30.17	30.74	29.31	28.48	27.08	27.40	29.86	30.30	33.37	36.57	38.75	41.73	53.39	57.25	66.16	69.46	67.08	58.99	53.62	43.20
24246	1.62	1.58	1.48	1.47	1.38	1.32	1.29	1.41	1.56	1.65	2.03	2.01	2.24	2.61	2.87	3.34	4.14	4.67	5.35	5.09	4.45	3.39	3.04	2.52
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	38.36	35.21	32.37	31.55	30.17	30.74	29.31	28.48	27.08	27.40	29.86	30.30	33.37	36.57	38.75	41.73	53.39	57.25	66.16	69.46	67.08	58.99	53.62	43.20
24247	1.62	1.58	1.48	1.47	1.38	1.32	1.29	1.41	1.56	1.65	2.03	2.01	2.24	2.61	2.87	3.34	4.14	4.67	5.35	5.09	4.45	3.39	3.04	2.52
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	38.36	35.21	32.37	31.55	30.15	30.74	29.29	28.48	27.06	27.40	29.84	30.27	33.34	36.53	38.72	41.73	53.35	57.25	66.10	69.46	67.08	58.93	53.62	43.20
24248	1.62	1.58	1.48	1.47	1.35	1.32	1.26	1.41	1.53	1.65	2.00	1.98	2.21	2.58	2.83	3.34	4.10	4.67	5.29	5.09	4.45	3.34	3.04	2.52
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	38.36	35.21	32.37	31.55	30.15	30.74	29.29	28.48	27.06	27.40	29.84	30.27	33.34	36.53	38.72	41.73	53.35	57.25	66.10	69.46	67.08	58.93	53.62	43.20
24249	1.62	1.58	1.48	1.47	1.35	1.32	1.26	1.41	1.53	1.65	2.00	1.98	2.21	2.58	2.83	3.34	4.10	4.67	5.29	5.09	4.45	3.34	3.04	2.52
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	38.44	35.24	32.40	31.58	30.20	30.77	29.31	28.50	27.11	27.43	29.89	30.32	33.40	36.60	38.79	41.77	53.44	57.36	66.22	69.58	67.21	59.04	53.67	43.24
24250	1.69	1.61	1.51	1.50	1.41	1.35	1.29	1.43	1.58	1.67	2.06	2.04	2.27	2.65	2.91	3.38	4.19	4.77	5.41	5.21	4.57	3.45	3.09	2.56
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	38.44	35.24	32.40	31.58	30.20	30.77	29.31	28.50	27.11	27.43	29.89	30.32	33.40	36.60	38.79	41.77	53.44	57.36	66.22	69.58	67.21	59.04	53.67	43.24
24251	1.69	1.61	1.51	1.50	1.41	1.35	1.29	1.43	1.58	1.67	2.06	2.04	2.27	2.65	2.91	3.38	4.19	4.77	5.41	5.21	4.57	3.45	3.09	2.56
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	38.47	35.34	32.54	31.68	30.30	30.80	29.31	28.45	27.06	27.38	29.86	30.32	33.40	36.57	38.75	41.77	53.44	57.25	66.10	69.46	67.08	58.88	53.73	43.32
23729	1.73	1.72	1.64	1.59	1.50	1.38	1.29	1.38	1.53	1.62	2.03	2.04	2.27	2.61	2.87	3.38	4.19	4.67	5.29	5.09	4.45	3.28	3.14	2.64
	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	38.36	35.21	32.37	31.55	30.14	30.74	29.29	28.48	27.08	27.40	29.84	30.27	33.34	36.53	38.72	41.73	53.35	57.25	66.10	69.46	67.08	58.93	53.62	43.16
24258	1.62	1.58	1.48	1.47	1.35	1.32	1.26	1.41	1.56	1.65	2.00	1.98	2.21	2.58	2.83	3.34	4.10	4.67	5.29	5.09	4.45	3.34	3.04	2.48
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	38.36	35.21	32.37	31.55	30.14	30.74	29.29	28.48	27.08	27.40	29.84	30.27	33.34	36.53	38.72	41.73	53.35	57.25	66.10	69.46	67.08	58.93	53.62	43.16
24259	1.62	1.58	1.48	1.47	1.35	1.32	1.26	1.41	1.56	1.65	2.00	1.98	2.21	2.58	2.83	3.34	4.10	4.67	5.29	5.09	4.45	3.34	3.04	2.48
	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	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	38.40	35.24	32.41	31.59	30.21	30.74	29.29	28.48	27.06	27.38	29.86	30.30	33.37	36.53	38.72	41.73	53.39	57.25	66.10	69.46	67.08	58.93	53.62	43.20
24252	1.65	1.61	1.51	1.50	1.41	1.32	1.26	1.41	1.53	1.62	2.03	2.01	2.24	2.58	2.83	3.34	4.14	4.67	5.29	5.09	4.45	3.34	3.04	2.52
	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	38.40	35.24	32.41	31.59	30.21	30.74	29.29	28.48	27.06	27.38	29.86	30.30	33.37	36.53	38.72	41.73	53.39	57.25	66.10	69.46	67.08	58.93	53.62	43.20
24254	1.65	1.61	1.51	1.50	1.41	1.32	1.26	1.41	1.53	1.62	2.03	2.01	2.24	2.58	2.83	3.34	4.14	4.67	5.29	5.09	4.45	3.34	3.04	2.52
	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	38.40	35.24	32.41	31.59	30.21	30.74	29.29	28.48	27.06	27.38	29.86	30.30	33.37	36.53	38.72	41.73	53.39	57.25	66.10	69.46	67.08	58.93	53.62	43.20
24253	1.65	1.61	1.51	1.50	1.41	1.32	1.26	1.41	1.53	1.62	2.03	2.01	2.24	2.58	2.83	3.34	4.14	4.67	5.29	5.09	4.45	3.34	3.04	2.52
	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.21	-1.28	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	38.40 1.65 0.00	35.24 1.61 0.00	32.41 1.51 -0.01	31.59 1.50 -0.01	30.21 1.41 -0.01	30.74 1.32 0.00	29.29 1.26 0.00	28.48 1.41 0.00	27.06 1.53 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.39 4.14 -4.21	57.25 4.67 -1.28	66.10 5.29 0.00	69.46 5.09 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.62 3.04 0.00	43.20 2.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.14 1.35 0.00	30.74 1.32 0.00	29.29 1.26 0.00	28.48 1.41 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.84 2.00 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.35 4.10 -4.21	57.25 4.67 -1.28	66.10 5.29 0.00	69.46 5.09 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.62 3.04 0.00	43.16 2.48 0.00
RAVENSWOOD_GT_9 24257	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.14 1.35 0.00	30.74 1.32 0.00	29.29 1.26 0.00	28.48 1.41 0.00	27.08 1.56 0.00	27.40 1.65 0.00	29.84 2.00 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.53 2.58 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.35 4.10 -4.21	57.25 4.67 -1.28	66.10 5.29 0.00	69.46 5.09 0.00	67.08 4.45 0.00	58.93 3.34 0.00	53.62 3.04 0.00	43.16 2.48 0.00
RAVENSWOOD___1 23533	38.47 1.73 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.30 1.50 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.43 2.48 0.00	38.75 2.87 0.00	41.73 3.34 0.00	53.44 4.19 -4.21	57.30 4.72 -1.28	66.10 5.29 0.00	69.52 5.15 0.00	67.08 4.45 0.00	58.88 3.28 0.00	53.67 3.09 0.00	43.32 2.64 0.00
RAVENSWOOD___2 23534	38.47 1.73 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.30 1.50 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.43 2.48 0.00	38.75 2.87 0.00	41.73 3.34 0.00	53.44 4.19 -4.21	57.30 4.72 -1.28	66.04 5.23 0.00	69.45 5.08 0.00	67.08 4.45 0.00	58.88 3.28 0.00	53.67 3.09 0.00	43.28 2.61 0.00
RAVENSWOOD___3 23535	38.36 1.61 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.15 1.35 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.48 1.41 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.84 2.01 0.00	30.27 1.98 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.72 2.83 0.00	41.73 3.34 0.00	53.34 4.10 -4.21	57.30 4.72 -1.28	66.10 5.29 0.00	69.52 5.15 0.00	67.15 4.51 0.00	58.93 3.34 0.00	53.62 3.04 0.00	43.20 2.52 0.00
RAVENSWOOD___4 23820	38.44 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.65 1.56 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.31 1.29 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.41 1.65 0.00	29.84 2.01 0.00	30.30 2.01 0.00	33.34 2.21 0.00	36.40 2.45 0.00	38.75 2.87 0.00	41.73 3.34 0.00	53.39 4.14 -4.21	57.30 4.72 -1.28	66.04 5.23 0.00	69.45 5.08 0.00	67.08 4.45 0.00	58.88 3.28 0.00	53.67 3.09 0.00	43.28 2.61 0.00
RCPL_TRUST___DRP 24196	38.36 1.62 0.00	35.24 1.61 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.43 1.67 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.40 2.27 0.00	36.60 2.65 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.36 4.23 -4.09	57.37 4.82 -1.24	66.29 5.47 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.04 3.45 0.00	53.67 3.09 0.00	43.24 2.56 0.00
RED___ROCHESTER 323720	35.39 -1.36 0.00	31.95 -1.68 0.00	29.32 -1.57 0.00	28.48 -1.60 0.00	27.27 -1.53 0.00	27.88 -1.53 0.00	26.57 -1.46 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.68 -1.08 0.00	26.58 -1.25 0.00	27.07 -1.22 0.00	29.88 -1.25 0.00	32.32 -1.63 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.69 -2.97 1.38	46.04 -3.13 2.14	54.78 -3.34 2.69	59.05 -2.90 2.42	57.40 -2.75 2.48	51.60 -1.83 2.16	47.66 -1.16 1.76	38.74 -1.34 0.59
REGAN___SOLAR 323812	38.58 1.84 0.00	35.31 1.68 0.00	32.46 1.57 0.00	31.61 1.53 0.00	30.29 1.50 0.00	30.94 1.53 0.00	29.03 1.01 0.00	27.39 0.33 0.00	25.42 -0.10 0.00	25.34 -0.41 0.00	27.28 -0.56 0.00	27.69 -0.60 0.00	30.53 -0.59 0.00	33.34 -0.61 0.00	35.78 -0.11 0.00	38.12 -0.27 0.00	45.18 0.14 0.00	51.97 0.67 0.01	63.12 2.31 0.00	67.72 3.35 0.00	66.39 3.76 0.00	58.93 3.34 0.00	53.32 2.73 0.00	42.71 2.03 0.00
RENSSELAER___COGEN 23796	37.00 0.26 0.00	34.10 0.47 0.00	31.54 0.65 0.00	30.77 0.69 0.00	29.48 0.69 0.00	30.09 0.68 0.00	28.53 0.50 0.00	27.45 0.38 0.00	25.75 0.23 0.00	25.89 0.13 0.00	28.03 0.20 0.00	28.49 0.20 0.00	31.35 0.22 0.00	34.26 0.30 0.00	36.31 0.43 0.00	38.96 0.58 0.00	45.54 0.50 0.00	51.67 0.36 0.00	61.30 0.48 0.00	64.69 0.32 0.00	63.01 0.38 0.00	56.04 0.44 0.00	50.69 0.10 0.00	40.88 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.35 3.60 0.00	36.92 3.30 0.00	33.89 3.00 0.00	33.03 2.95 0.00	31.67 2.88 0.00	32.44 3.03 0.00	30.52 2.49 0.00	28.88 1.81 0.00	26.90 1.38 0.00	26.91 1.16 0.00	28.75 0.92 0.00	29.19 0.91 0.00	32.12 1.00 0.00	35.07 1.12 0.00	37.21 1.33 0.00	40.08 1.69 0.00	48.01 2.97 0.00	54.64 3.33 0.00	66.71 5.90 0.00	71.19 6.82 0.00	69.90 7.27 0.00	62.10 6.51 0.00	55.75 5.16 0.00	44.50 3.82 0.00
REVERE_CPPR_DRP 24186	37.41 0.66 0.00	34.23 0.61 0.00	31.45 0.56 0.00	30.62 0.54 0.00	29.28 0.49 0.00	29.94 0.53 0.00	28.42 0.39 0.00	27.34 0.27 0.00	25.65 0.13 0.00	25.83 0.08 0.00	27.86 0.03 0.00	28.32 0.03 0.00	31.19 0.06 0.00	33.95 0.00 0.00	35.92 0.04 0.00	38.47 0.08 0.00	45.08 0.27 0.23	51.40 0.46 0.37	61.33 0.97 0.46	65.50 1.54 0.41	63.91 1.69 0.42	56.57 1.33 0.37	51.55 1.26 0.30	41.43 0.85 0.10
REYNLDPA_13_KV_LD 356490	37.04 0.29 0.00	33.83 0.20 0.00	31.01 0.12 0.00	30.26 0.18 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.22 0.20 0.00	27.28 0.22 0.00	25.68 0.15 0.00	25.96 0.21 0.00	27.97 0.14 0.00	28.43 0.14 0.00	31.28 0.16 0.00	34.16 0.20 0.00	36.06 0.18 0.00	38.50 0.12 0.00	45.13 0.09 0.00	51.41 0.10 0.00	60.32 -0.49 0.00	63.99 -0.38 0.00	62.20 -0.44 0.00	55.15 -0.45 0.00	50.79 0.20 0.00	41.00 0.32 0.00
REYNOLDS_115KV_TB3 80639	37.22 0.48 0.00	34.30 0.67 0.00	31.69 0.80 0.00	30.92 0.84 0.00	29.63 0.83 0.00	30.27 0.85 0.00	28.64 0.62 0.00	27.61 0.54 0.00	25.96 0.43 0.00	26.06 0.31 0.00	28.25 0.42 0.00	28.71 0.42 0.00	31.56 0.44 0.00	34.63 0.68 0.00	36.60 0.72 0.00	39.27 0.88 0.00	45.85 0.81 0.00	51.97 0.67 0.00	61.60 0.79 0.00	64.95 0.58 0.00	63.33 0.69 0.00	56.38 0.78 0.00	50.99 0.40 0.00	41.08 0.41 0.00

RIVERBAY____ 323610	39.10 2.35 0.00	35.88 2.25 0.00	33.06 2.16 -0.01	32.19 2.11 -0.01	30.79 1.99 -0.01	31.18 1.76 0.00	29.65 1.63 0.00	28.77 1.71 0.00	27.36 1.84 0.00	27.69 1.93 0.00	30.23 2.39 0.00	30.66 2.38 0.00	33.74 2.61 0.00	36.94 2.99 0.00	39.15 3.27 0.00	42.19 3.80 0.00	53.98 4.73 -4.21	56.58 5.28 0.01	66.89 6.08 0.00	70.29 5.92 0.00	67.84 5.20 0.00	59.49 3.89 0.00	54.33 3.74 0.00	43.97 3.29 0.00
RIVERSDE_115KV_TB3 55908	37.15 0.40 0.00	34.23 0.61 0.00	31.63 0.74 0.00	30.89 0.81 0.00	29.57 0.78 0.00	30.21 0.79 0.00	28.61 0.59 0.00	27.53 0.46 0.00	25.86 0.33 0.00	25.99 0.23 0.00	28.17 0.33 0.00	28.60 0.31 0.00	31.47 0.34 0.00	34.53 0.58 0.00	36.49 0.61 0.00	39.12 0.73 0.00	45.72 0.68 0.00	51.82 0.51 0.00	61.54 0.73 0.00	64.89 0.51 0.00	63.26 0.63 0.00	56.27 0.67 0.00	50.89 0.30 0.00	41.04 0.37 0.00
ROARING__BROOK_WT_PWR 323790	36.41 -0.33 0.00	33.36 -0.27 0.00	30.64 -0.25 0.00	29.87 -0.21 0.00	28.62 -0.17 0.00	29.27 -0.15 0.00	27.91 -0.11 0.00	26.99 -0.08 0.00	25.45 -0.08 0.00	25.68 -0.08 0.00	27.69 -0.14 0.00	28.12 -0.17 0.00	30.91 -0.22 0.00	33.72 -0.24 0.00	35.63 -0.25 0.00	38.08 -0.31 0.00	44.68 -0.36 0.00	50.95 -0.36 0.00	60.45 -0.36 0.00	64.05 -0.32 0.00	62.32 -0.31 0.00	55.32 -0.28 0.00	50.39 -0.20 0.00	40.51 -0.16 0.00
ROCHESRG_115KV_T4 355643	34.98 -1.76 0.00	31.58 -2.05 0.00	29.01 -1.88 0.00	28.12 -1.96 0.00	26.98 -1.81 0.00	27.56 -1.85 0.00	26.45 -1.57 0.00	25.50 -1.57 0.00	23.99 -1.53 0.00	24.44 -1.31 0.00	26.30 -1.53 0.00	26.73 -1.56 0.00	29.45 -1.68 0.00	31.34 -2.61 0.00	33.26 -2.62 0.00	35.51 -2.88 0.00	39.91 -3.60 1.53	45.69 -3.44 2.18	53.45 -4.38 2.98	57.76 -3.93 2.68	56.19 -3.70 2.75	50.50 -2.72 2.38	46.81 -1.97 1.81	38.20 -1.87 0.61
ROCHESTER_9_IC 23652	35.24 -1.51 0.00	31.78 -1.85 0.00	29.19 -1.70 0.00	28.30 -1.77 0.00	27.15 -1.64 0.00	27.74 -1.68 0.00	26.62 -1.40 0.00	25.63 -1.43 0.00	24.12 -1.40 0.00	24.57 -1.18 0.00	26.47 -1.36 0.00	26.93 -1.36 0.00	29.66 -1.46 0.00	31.58 -2.38 0.00	33.51 -2.37 0.00	35.78 -2.61 0.00	40.42 -3.24 1.38	46.14 -3.03 2.14	54.29 -3.83 2.69	58.60 -3.35 2.42	57.02 -3.13 2.48	51.21 -2.22 2.16	47.31 -1.52 1.76	38.54 -1.55 0.59
ROCKVIEW_13_KV_LD 356306	38.36 1.62 0.00	35.21 1.58 0.00	32.37 1.48 0.00	31.52 1.44 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.01 1.48 0.00	27.33 1.57 0.00	29.75 1.92 0.00	30.15 1.87 0.00	33.24 2.12 0.00	36.43 2.48 0.00	38.65 2.76 0.00	41.61 3.22 0.00	49.00 3.96 0.00	55.81 4.52 0.01	65.98 5.17 0.00	69.39 5.02 0.00	67.08 4.45 0.00	58.99 3.39 0.00	53.57 2.98 0.00	43.12 2.44 0.00
ROME____115KV_TB2 80656	37.41 0.66 0.00	34.23 0.61 0.00	31.45 0.56 0.00	30.62 0.54 0.00	29.28 0.49 0.00	29.94 0.53 0.00	28.42 0.39 0.00	27.34 0.27 0.00	25.65 0.13 0.00	25.83 0.08 0.00	27.86 0.03 0.00	28.32 0.03 0.00	31.19 0.06 0.00	33.95 0.00 0.00	35.92 0.04 0.00	38.47 0.08 0.00	45.08 0.27 0.23	51.40 0.46 0.37	61.33 0.97 0.46	65.50 1.54 0.41	63.91 1.69 0.42	56.57 1.33 0.37	51.55 1.26 0.30	41.43 0.85 0.10
ROSETON__1 23587	37.96 1.21 0.00	34.84 1.21 0.00	32.03 1.14 0.00	31.19 1.11 0.00	29.86 1.07 0.00	30.44 1.03 0.00	29.00 0.98 0.00	28.10 1.03 0.00	26.68 1.15 0.00	26.97 1.21 0.00	29.28 1.45 0.00	29.70 1.41 0.00	32.71 1.59 0.00	35.75 1.80 0.00	38.00 2.12 0.00	40.92 2.53 0.00	48.15 3.11 0.00	54.89 3.59 0.01	64.82 4.01 0.00	68.23 3.86 0.00	66.02 3.38 0.00	58.21 2.61 0.00	52.81 2.22 0.00	42.51 1.83 0.00
ROSETON__2 23588	37.96 1.21 0.00	34.84 1.21 0.00	32.03 1.14 0.00	31.19 1.11 0.00	29.86 1.07 0.00	30.44 1.03 0.00	29.00 0.98 0.00	28.10 1.03 0.00	26.68 1.15 0.00	26.97 1.21 0.00	29.28 1.45 0.00	29.70 1.41 0.00	32.71 1.59 0.00	35.75 1.80 0.00	38.00 2.12 0.00	40.92 2.53 0.00	48.15 3.11 0.00	54.89 3.59 0.01	64.82 4.01 0.00	68.23 3.86 0.00	66.02 3.38 0.00	58.21 2.61 0.00	52.81 2.22 0.00	42.51 1.83 0.00
ROTTDRAM_115KV_TB3 80664	37.52 0.77 0.00	34.43 0.81 0.00	31.66 0.77 0.00	30.86 0.78 0.00	29.57 0.78 0.00	30.21 0.79 0.00	28.61 0.59 0.00	27.53 0.46 0.00	25.93 0.41 0.00	26.06 0.31 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.50 0.37 0.00	34.46 0.51 0.00	36.49 0.61 0.00	39.12 0.73 0.00	45.99 0.95 0.00	52.33 1.03 0.00	62.27 1.46 0.00	65.85 1.48 0.00	64.14 1.50 0.00	56.99 1.39 0.00	51.65 1.06 0.00	41.53 0.85 0.00
RUSSELL__1 23602	35.39 -1.36 0.00	31.91 -1.72 0.00	29.31 -1.58 0.00	28.42 -1.65 0.00	27.27 -1.53 0.00	27.85 -1.56 0.00	26.73 -1.29 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	31.75 -2.21 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.64 -3.02 1.38	46.45 -2.72 2.14	54.71 -3.41 2.69	59.05 -2.90 2.42	57.40 -2.76 2.48	51.60 -1.83 2.16	47.61 -1.21 1.76	38.74 -1.34 0.59
RUSSELL__2 23532	35.39 -1.36 0.00	31.91 -1.72 0.00	29.31 -1.58 0.00	28.42 -1.65 0.00	27.27 -1.53 0.00	27.85 -1.56 0.00	26.73 -1.29 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	31.75 -2.21 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.64 -3.02 1.38	46.45 -2.72 2.14	54.71 -3.41 2.69	59.05 -2.90 2.42	57.40 -2.76 2.48	51.60 -1.83 2.16	47.61 -1.21 1.76	38.74 -1.34 0.59
RUSSELL__3 23549	35.39 -1.36 0.00	31.91 -1.72 0.00	29.31 -1.58 0.00	28.42 -1.65 0.00	27.27 -1.53 0.00	27.85 -1.56 0.00	26.73 -1.29 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	31.75 -2.21 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.64 -3.02 1.38	46.45 -2.72 2.14	54.71 -3.41 2.69	59.05 -2.90 2.42	57.40 -2.76 2.48	51.60 -1.83 2.16	47.61 -1.21 1.76	38.74 -1.34 0.59
RUSSELL__4 23556	35.39 -1.36 0.00	31.91 -1.72 0.00	29.31 -1.58 0.00	28.42 -1.65 0.00	27.27 -1.53 0.00	27.85 -1.56 0.00	26.73 -1.29 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	31.75 -2.21 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.64 -3.02 1.38	46.45 -2.72 2.14	54.71 -3.41 2.69	59.05 -2.90 2.42	57.40 -2.76 2.48	51.60 -1.83 2.16	47.61 -1.21 1.76	38.74 -1.34 0.59
RUSSELL__STATION 23914	35.39 -1.36 0.00	31.91 -1.72 0.00	29.31 -1.58 0.00	28.42 -1.65 0.00	27.27 -1.53 0.00	27.85 -1.56 0.00	26.73 -1.29 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	31.75 -2.21 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.64 -3.02 1.38	46.45 -2.72 2.14	54.71 -3.41 2.69	59.05 -2.90 2.42	57.40 -2.76 2.48	51.60 -1.83 2.16	47.61 -1.21 1.76	38.74 -1.34 0.59

S SALMON___HYD 24043	36.41 -0.33 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.75 -0.33 0.00	28.48 -0.32 0.00	29.12 -0.29 0.00	27.60 -0.42 0.00	26.58 -0.49 0.00	24.96 -0.56 0.00	25.19 -0.57 0.00	27.14 -0.69 0.00	27.64 -0.65 0.00	30.44 -0.68 0.00	33.07 -0.88 0.00	34.88 -1.00 0.00	37.27 -1.11 0.00	44.17 -1.21 -0.34	50.51 -1.33 -0.53	60.32 -1.16 -0.67	64.20 -0.77 -0.60	62.69 -0.56 -0.61	55.58 -0.56 -0.54	50.67 -0.35 -0.44	40.42 -0.41 -0.15
S.PERRY___115KV_TB1 80734	36.34 -0.40 0.00	32.75 -0.87 0.00	30.02 -0.86 0.00	29.12 -0.96 0.00	27.90 -0.89 0.00	28.53 -0.88 0.00	27.30 -0.73 0.00	26.01 -1.06 0.00	24.20 -1.33 0.00	24.57 -1.18 0.00	26.33 -1.50 0.00	26.76 -1.53 0.00	29.51 -1.62 0.00	31.62 -2.41 -0.08	33.52 -2.44 -0.08	35.93 -2.53 -0.08	43.90 -2.79 -1.65	47.04 -2.57 1.71	61.71 -2.25 -3.15	65.83 -1.22 -2.69	64.64 -0.75 -2.76	57.31 -0.33 -2.05	49.35 0.10 1.34	39.86 -0.37 0.45
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.81 -2.94 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.74 -3.05 0.00	26.41 -3.00 0.00	25.47 -2.55 0.00	24.52 -2.54 0.00	23.10 -2.42 0.00	23.59 -2.16 0.00	25.38 -2.45 0.00	25.71 -2.57 0.00	28.23 -2.89 0.00	29.86 -4.07 0.02	31.63 -4.23 0.02	33.84 -4.53 0.02	37.63 -5.36 2.05	43.03 -6.00 2.27	49.90 -6.93 3.98	54.01 -6.82 3.54	52.56 -6.45 3.63	47.06 -5.45 3.08	44.79 -4.20 1.60	36.44 -3.70 0.54
SAWYER___23_KV_LOAD 55526	33.81 -2.94 0.00	30.26 -3.36 0.00	27.86 -3.03 0.00	26.86 -3.22 0.00	25.74 -3.05 0.00	26.41 -3.00 0.00	25.47 -2.55 0.00	24.52 -2.54 0.00	23.10 -2.42 0.00	23.59 -2.16 0.00	25.38 -2.45 0.00	25.71 -2.57 0.00	28.23 -2.89 0.00	29.86 -4.07 0.02	31.63 -4.23 0.02	33.84 -4.53 0.02	37.63 -5.36 2.05	43.03 -6.00 2.27	49.90 -6.93 3.98	54.01 -6.82 3.54	52.56 -6.45 3.63	47.06 -5.45 3.08	44.79 -4.20 1.60	36.44 -3.70 0.54
SELKIRK___I 23801	37.37 0.62 0.00	34.40 0.77 0.00	31.75 0.86 0.00	30.95 0.87 0.00	29.63 0.84 0.00	30.27 0.85 0.00	28.67 0.65 0.00	27.50 0.43 0.00	25.78 0.26 0.00	25.91 0.16 0.00	28.05 0.22 0.00	28.49 0.20 0.00	31.35 0.22 0.00	34.26 0.30 0.00	36.35 0.47 0.00	39.00 0.61 0.00	45.72 0.68 0.00	51.97 0.67 0.00	61.78 0.97 0.00	65.40 1.03 0.00	63.77 1.13 0.00	56.65 1.05 0.00	51.35 0.76 0.00	41.37 0.69 0.00
SELKIRK___II 23799	37.07 0.33 0.00	34.13 0.51 0.00	31.51 0.62 0.00	30.74 0.66 0.00	29.43 0.63 0.00	30.06 0.65 0.00	28.53 0.50 0.00	27.45 0.38 0.00	25.81 0.28 0.00	25.96 0.21 0.00	28.14 0.31 0.00	28.57 0.28 0.00	31.44 0.31 0.00	34.33 0.37 0.00	36.42 0.54 0.00	39.04 0.65 0.00	45.72 0.68 0.00	51.93 0.62 0.00	61.54 0.73 0.00	64.95 0.58 0.00	63.26 0.63 0.00	56.21 0.61 0.00	50.95 0.36 0.00	41.04 0.37 0.00
SENECA OSWGO___HYD 24041	35.97 -0.77 0.00	32.86 -0.77 0.00	30.15 -0.74 0.00	29.33 -0.75 0.00	28.10 -0.69 0.00	28.71 -0.71 0.00	27.32 -0.70 0.00	26.36 -0.70 0.00	24.81 -0.71 0.00	25.06 -0.69 0.00	27.02 -0.81 0.00	27.52 -0.76 0.00	30.32 -0.81 0.00	33.04 -0.92 0.00	34.77 -1.11 0.00	37.08 -1.31 0.00	44.48 -1.53 -0.97	51.13 -1.69 -1.52	60.88 -1.82 -1.89	64.34 -1.73 -1.70	62.75 -1.63 -1.74	55.78 -1.33 -1.52	50.61 -1.21 -1.24	40.03 -1.06 -0.42
SENECA___115KV_TB3 355854	34.14 -2.61 0.00	30.60 -3.03 0.00	28.14 -2.75 0.00	27.19 -2.89 0.00	25.97 -2.82 0.00	26.74 -2.68 0.00	25.42 -2.61 0.00	24.69 -2.38 0.00	23.25 -2.27 0.00	23.72 -2.04 0.00	25.55 -2.28 0.00	25.97 -2.32 0.00	28.54 -2.58 0.00	30.64 -3.29 0.02	32.02 -3.84 0.02	34.29 -4.07 0.02	38.37 -4.59 2.07	44.00 -5.13 2.17	50.89 -5.90 4.02	54.68 -6.12 3.57	53.27 -5.70 3.66	47.43 -5.06 3.11	45.15 -3.89 1.54	36.66 -3.50 0.52
SENECA___ENERGY 23797	36.23 -0.51 0.00	32.96 -0.67 0.00	30.21 -0.68 0.00	29.36 -0.72 0.00	28.10 -0.69 0.00	28.74 -0.68 0.00	27.32 -0.70 0.00	26.36 -0.70 0.00	24.76 -0.77 0.00	25.06 -0.69 0.00	27.02 -0.81 0.00	27.52 -0.76 0.00	30.35 -0.78 0.00	32.97 -0.99 -0.01	34.70 -1.18 -0.01	37.05 -1.34 -0.01	43.41 -1.49 0.15	49.29 -1.49 0.53	59.01 -1.52 0.29	62.74 -1.35 0.27	61.23 -1.13 0.28	54.44 -0.89 0.27	49.65 -0.51 0.43	39.84 -0.69 0.14
SHOEMAKER___GT 23640	37.77 1.03 0.00	34.67 1.04 0.00	31.88 0.99 0.00	31.01 0.93 0.00	29.69 0.89 0.00	30.27 0.85 0.00	28.81 0.78 0.00	27.88 0.81 0.00	26.44 0.92 0.00	26.71 0.95 0.00	28.95 1.11 0.00	29.36 1.07 0.00	32.37 1.25 0.00	35.35 1.39 0.00	37.57 1.69 0.00	40.46 2.07 0.00	47.61 2.57 0.00	54.33 3.03 0.01	64.34 3.53 0.00	67.78 3.41 0.00	65.70 3.07 0.00	57.93 2.33 0.00	52.56 1.97 0.00	42.22 1.55 0.00
SHOEMAKR_138KV_BK 111 55601	37.77 1.03 0.00	34.67 1.04 0.00	31.85 0.96 0.00	31.01 0.93 0.00	29.68 0.89 0.00	30.27 0.85 0.00	28.78 0.76 0.00	27.88 0.81 0.00	26.44 0.92 0.00	26.71 0.95 0.00	28.97 1.14 0.00	29.39 1.10 0.00	32.40 1.28 0.00	35.52 1.56 0.00	37.60 1.72 0.00	40.46 2.07 0.00	47.65 2.61 0.00	54.27 2.98 0.01	64.34 3.53 0.00	67.78 3.41 0.00	65.64 3.01 0.00	57.88 2.28 0.00	52.56 1.97 0.00	42.22 1.55 0.00
SHOREHAM_IC_1 23715	38.32 1.58 0.00	34.97 1.35 0.00	32.40 1.51 0.00	31.37 1.29 0.00	29.97 1.18 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.29 1.22 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.32 2.46 -4.58	35.73 2.71 -1.90	39.48 2.75 -2.78	44.74 3.12 -5.73	48.39 3.65 -6.35	53.52 4.23 -4.25	57.64 4.93 -1.40	66.85 5.17 -0.87	69.71 5.34 0.00	66.26 3.63 0.00	58.43 2.83 0.01	51.79 1.21 0.01	43.24 2.56 0.00
SHOREHAM_IC_2 23716	38.32 1.58 0.00	34.97 1.35 0.00	32.40 1.51 0.00	31.37 1.29 0.00	29.97 1.18 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.29 1.22 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.32 2.46 -4.58	35.73 2.71 -1.90	39.48 2.75 -2.78	44.74 3.12 -5.73	48.39 3.65 -6.35	53.52 4.23 -4.25	57.64 4.93 -1.40	66.85 5.17 -0.87	69.71 5.34 0.00	66.26 3.63 0.00	58.43 2.83 0.01	51.79 1.21 0.01	43.24 2.56 0.00
SISSONVILLE___ 23735	36.63 -0.11 0.00	33.49 -0.13 0.00	30.74 -0.15 0.00	29.96 -0.12 0.00	28.68 -0.12 0.00	29.32 -0.09 0.00	27.91 -0.11 0.00	26.93 -0.14 0.00	25.32 -0.20 0.00	25.55 -0.21 0.00	27.50 -0.33 0.00	27.86 -0.42 0.00	30.66 -0.47 0.00	33.41 -0.54 0.00	35.31 -0.57 0.00	37.77 -0.61 0.00	44.27 -0.77 0.00	50.54 -0.77 0.00	59.96 -0.85 0.00	63.79 -0.58 0.00	62.14 -0.50 0.00	55.04 -0.56 0.00	50.29 -0.30 0.00	40.55 -0.12 0.00
SITHE_IND_GS1 24169	35.68 -1.07 0.00	32.58 -1.04 0.00	29.90 -0.99 0.00	29.12 -0.96 0.00	27.90 -0.89 0.00	28.50 -0.91 0.00	27.13 -0.90 0.00	26.18 -0.89 0.00	24.68 -0.84 0.00	24.93 -0.83 0.00	26.89 -0.95 0.00	27.38 -0.91 0.00	30.13 -1.00 0.00	32.80 -1.15 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.77 -1.94 9.33	34.54 -2.15 14.61	40.18 -2.43 18.20	45.48 -2.51 16.38	43.47 -2.38 16.79	38.90 -2.06 14.64	36.84 -1.82 11.93	35.17 -1.50 4.00

SITHE_IND_GS2 24170	35.68 -1.07 0.00	32.58 -1.04 0.00	29.90 -0.99 0.00	29.12 -0.96 0.00	27.90 -0.89 0.00	28.50 -0.91 0.00	27.13 -0.90 0.00	26.18 -0.89 0.00	24.68 -0.84 0.00	24.93 -0.83 0.00	26.89 -0.95 0.00	27.38 -0.91 0.00	30.13 -1.00 0.00	32.80 -1.15 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.77 -1.94 9.33	34.54 -2.15 14.61	40.18 -2.43 18.20	45.48 -2.51 16.38	43.47 -2.38 16.79	38.90 -2.06 14.64	36.84 -1.82 11.93	35.17 -1.50 4.00
SITHE_IND_GS3 24171	35.68 -1.07 0.00	32.58 -1.04 0.00	29.90 -0.99 0.00	29.12 -0.96 0.00	27.90 -0.89 0.00	28.50 -0.91 0.00	27.13 -0.90 0.00	26.18 -0.89 0.00	24.68 -0.84 0.00	24.93 -0.83 0.00	26.89 -0.95 0.00	27.38 -0.91 0.00	30.13 -1.00 0.00	32.80 -1.15 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.77 -1.94 9.33	34.54 -2.15 14.61	40.18 -2.43 18.20	45.48 -2.51 16.38	43.47 -2.38 16.79	38.90 -2.06 14.64	36.84 -1.82 11.93	35.17 -1.50 4.00
SITHE_IND_GS4 24172	35.68 -1.07 0.00	32.58 -1.04 0.00	29.90 -0.99 0.00	29.12 -0.96 0.00	27.90 -0.89 0.00	28.50 -0.91 0.00	27.13 -0.90 0.00	26.18 -0.89 0.00	24.68 -0.84 0.00	24.93 -0.83 0.00	26.89 -0.95 0.00	27.38 -0.91 0.00	30.13 -1.00 0.00	32.80 -1.15 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.77 -1.94 9.33	34.54 -2.15 14.61	40.18 -2.43 18.20	45.48 -2.51 16.38	43.47 -2.38 16.79	38.90 -2.06 14.64	36.84 -1.82 11.93	35.17 -1.50 4.00
SITHE___BATAVIA 24024	34.58 -2.17 0.00	31.00 -2.62 0.00	28.48 -2.41 0.00	27.61 -2.47 0.00	26.43 -2.36 0.00	27.09 -2.32 0.00	25.76 -2.27 0.00	24.96 -2.11 0.00	23.46 -2.07 0.00	23.93 -1.83 0.00	25.72 -2.12 0.00	26.13 -2.15 0.00	28.82 -2.30 0.01	31.02 -2.92 0.01	32.25 -3.62 0.01	34.50 -3.88 0.01	38.69 -4.59 1.75	44.22 -4.88 2.21	52.12 -5.29 3.40	56.44 -4.89 3.04	54.95 -4.57 3.12	49.42 -3.50 2.67	46.39 -2.53 1.67	37.63 -2.48 0.56
SITHE___INDEPEND 23800	35.68 -1.07 0.00	32.59 -1.04 0.00	29.90 -0.99 0.00	29.12 -0.96 0.00	27.90 -0.89 0.00	28.50 -0.91 0.00	27.13 -0.90 0.00	26.18 -0.89 0.00	24.68 -0.84 0.00	24.93 -0.82 0.00	26.89 -0.95 0.00	27.35 -0.93 0.00	30.10 -1.03 0.00	32.73 -1.22 0.00	34.52 -1.36 0.00	36.78 -1.61 0.00	33.77 -1.94 9.33	34.59 -2.10 14.61	40.18 -2.43 18.20	45.48 -2.51 16.38	43.47 -2.38 16.79	38.90 -2.06 14.64	36.84 -1.82 11.93	35.17 -1.51 4.00
SITHE___MASSENA 23902	37.00 0.26 0.00	33.83 0.20 0.00	31.01 0.12 0.00	30.26 0.18 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.22 0.20 0.00	27.26 0.19 0.00	25.65 0.13 0.00	25.91 0.16 0.00	27.92 0.08 0.00	28.37 0.09 0.00	31.22 0.09 0.00	34.09 0.14 0.00	35.95 0.07 0.00	38.43 0.04 0.00	45.04 0.00 0.00	51.36 0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.70 0.06 0.00	55.60 0.00 0.00	50.84 0.25 0.00	41.00 0.32 0.00
SITHE___OGDNSBRG 24021	37.30 0.55 0.00	34.10 0.47 0.00	31.26 0.37 0.00	30.47 0.39 0.00	29.17 0.37 0.00	29.80 0.38 0.00	28.39 0.36 0.00	27.34 0.27 0.00	25.65 0.13 0.00	25.86 0.10 0.00	27.83 0.00 0.00	28.23 -0.06 0.00	31.06 -0.06 0.00	33.85 -0.10 0.00	35.77 -0.11 0.00	38.27 -0.12 0.00	44.90 -0.14 0.00	51.26 -0.05 0.00	60.93 0.12 0.00	65.01 0.64 0.00	63.39 0.75 0.00	56.10 0.50 0.00	51.30 0.71 0.00	41.37 0.69 0.00
SITHE___STERLING 23777	37.22 0.48 0.00	34.06 0.44 0.00	31.29 0.40 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.77 0.35 0.00	28.28 0.25 0.00	27.20 0.14 0.00	25.55 0.03 0.00	25.78 0.03 0.00	27.80 -0.03 0.00	28.26 -0.03 0.00	31.13 0.00 0.00	33.92 -0.03 0.00	35.85 -0.04 0.00	38.39 0.00 0.00	44.84 0.09 0.29	51.11 0.26 0.45	60.92 0.67 0.57	64.89 1.03 0.51	63.30 1.19 0.52	56.09 0.94 0.45	51.08 0.86 0.37	41.12 0.57 0.12
SLEIGHT__34_KV_TB1 80719	35.50 -1.25 0.00	32.18 -1.45 0.00	29.53 -1.36 0.00	28.67 -1.41 0.00	27.47 -1.32 0.00	28.09 -1.32 0.00	26.88 -1.15 0.00	25.82 -1.25 0.00	24.27 -1.25 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	32.02 -1.94 0.00	33.87 -2.01 0.00	36.16 -2.23 0.00	41.31 -2.66 1.07	47.14 -2.51 1.65	55.69 -3.04 2.08	59.79 -2.70 1.88	58.27 -2.44 1.92	52.14 -1.78 1.67	47.96 -1.26 1.37	38.88 -1.34 0.46
SOUTH CAIRO___GT 23612	38.18 1.43 0.00	35.11 1.48 0.00	32.40 1.51 0.00	31.55 1.47 0.00	30.23 1.44 0.00	30.85 1.44 0.00	29.15 1.12 0.00	27.85 0.78 0.00	26.01 0.48 0.00	26.01 0.26 0.00	28.11 0.28 0.00	28.54 0.25 0.00	31.47 0.34 0.00	34.57 0.61 0.00	36.64 0.75 0.00	39.42 1.04 0.00	46.39 1.35 0.00	53.05 1.74 0.00	63.67 2.86 0.00	67.46 3.09 0.00	65.71 3.07 0.00	58.32 2.72 0.00	52.61 2.02 0.00	42.22 1.55 0.00
SOUTH HAMPTN___IC 23720	38.73 1.98 0.00	35.31 1.68 0.00	32.68 1.79 0.00	31.64 1.56 0.00	30.23 1.44 0.00	30.71 1.29 0.00	29.31 1.29 0.00	28.58 1.51 0.00	27.72 2.20 0.00	28.54 2.78 0.00	33.03 3.17 -2.02	35.80 2.94 -4.58	36.20 3.18 -1.90	39.99 3.26 -2.77	45.15 3.59 -5.68	48.83 4.15 -6.29	54.10 4.87 -4.19	58.39 5.69 -1.38	67.76 6.08 -0.86	70.55 6.18 0.00	66.95 4.32 0.00	58.98 3.39 0.01	52.25 1.67 0.01	43.52 2.85 0.00
SOUTHDOW__115KV_TB1 355954	34.83 -1.91 0.00	31.31 -2.32 0.00	28.76 -2.13 0.00	27.73 -2.35 0.00	26.52 -2.27 0.00	27.30 -2.12 0.00	26.17 -1.85 0.00	25.17 -1.89 0.00	23.69 -1.84 0.00	24.16 -1.60 0.00	26.05 -1.78 0.00	26.48 -1.81 0.00	29.04 -2.09 0.00	31.32 -2.61 0.02	32.99 -2.87 0.02	35.37 -2.99 0.02	40.23 -2.88 1.93	45.03 -4.21 2.07	53.48 -3.59 3.74	57.12 -3.93 3.33	55.66 -3.57 3.41	48.92 -3.78 2.90	46.14 -2.98 1.47	37.38 -2.81 0.49
SOUTHOLD_69_KV_BK 2 55809	39.06 2.31 0.00	35.51 1.88 0.00	32.87 1.98 0.00	31.82 1.74 0.00	30.40 1.61 0.00	30.94 1.53 0.00	29.48 1.46 0.00	28.80 1.73 0.00	28.00 2.48 0.00	28.61 2.86 0.00	33.42 3.56 -2.03	36.14 3.28 -4.58	36.57 3.55 -1.90	40.43 3.70 -2.77	45.44 3.88 -5.68	49.10 4.41 -6.30	54.46 5.22 -4.20	58.95 6.26 -1.38	68.24 6.57 -0.86	70.74 6.37 0.00	67.08 4.45 0.00	59.26 3.67 0.01	52.45 1.87 0.01	43.65 2.97 0.00
SOUTHOLD___IC 23719	39.06 2.32 0.00	35.51 1.88 0.00	32.87 1.98 0.00	31.79 1.71 0.00	30.40 1.61 0.00	30.88 1.47 0.00	29.51 1.48 0.00	28.80 1.73 0.00	28.00 2.48 0.00	28.87 3.12 0.00	33.39 3.54 -2.02	36.14 3.28 -4.58	36.54 3.52 -1.90	40.29 3.56 -2.77	45.44 3.88 -5.68	49.10 4.41 -6.30	54.46 5.22 -4.20	58.79 6.10 -1.38	68.31 6.63 -0.86	71.00 6.63 0.00	67.33 4.70 0.00	59.26 3.67 0.01	52.45 1.87 0.01	43.64 2.97 0.00
SOUTH_FORK_WT_PWR 323839	38.84 2.09 0.00	35.34 1.71 0.00	32.71 1.82 0.00	31.67 1.59 0.00	30.26 1.47 0.00	30.77 1.35 0.00	29.40 1.37 0.00	28.72 1.65 0.00	27.92 2.40 0.00	28.82 3.06 0.00	33.31 3.45 -2.02	36.03 3.17 -4.58	36.39 3.36 -1.90	40.06 3.33 -2.77	45.08 3.52 -5.68	48.67 3.99 -6.29	53.96 4.73 -4.19	58.28 5.59 -1.38	67.70 6.02 -0.86	70.35 5.99 0.00	66.64 4.01 0.00	58.70 3.11 0.01	51.95 1.37 0.01	43.32 2.64 0.00

SPIERFLS_115KV_TB 1 80737	38.91 2.17 0.00	35.68 2.05 0.00	32.80 1.92 0.00	31.97 1.89 0.00	30.64 1.84 0.00	31.32 1.91 0.00	29.59 1.57 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.39 0.56 0.00	28.82 0.54 0.00	31.62 0.50 0.00	34.53 0.58 0.00	36.60 0.72 0.00	39.35 0.96 0.00	46.93 1.89 0.00	53.36 2.05 0.00	64.52 3.71 0.00	68.49 4.12 0.00	67.02 4.38 0.00	59.55 3.95 0.00	53.67 3.09 0.00	42.99 2.32 0.00
ST LAWRENCE____ 23600	36.71 -0.04 0.00	33.56 -0.07 0.00	30.80 -0.09 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.33 -0.09 0.00	28.02 0.00 0.00	27.07 0.00 0.00	25.50 -0.03 0.00	25.76 0.00 0.00	27.80 -0.03 0.00	28.23 -0.06 0.00	31.06 -0.06 0.00	33.92 -0.03 0.00	35.81 -0.07 0.00	38.27 -0.11 0.00	44.91 -0.13 0.00	51.10 -0.20 0.00	60.45 -0.36 0.00	64.11 -0.26 0.00	62.32 -0.31 0.00	55.32 -0.28 0.00	50.49 -0.10 0.00	40.68 0.00 0.00
STATE_CA_115KV_115_LB 55624	37.19 0.44 0.00	34.27 0.64 0.00	31.69 0.80 0.00	30.89 0.81 0.00	29.60 0.81 0.00	30.24 0.82 0.00	28.61 0.59 0.00	27.56 0.49 0.00	25.83 0.31 0.00	25.96 0.21 0.00	28.11 0.28 0.00	28.57 0.28 0.00	31.44 0.31 0.00	34.46 0.51 0.00	36.46 0.57 0.00	39.12 0.73 0.00	45.72 0.68 0.00	51.87 0.56 0.00	61.60 0.79 0.00	65.01 0.64 0.00	63.39 0.75 0.00	56.32 0.72 0.00	50.99 0.40 0.00	41.08 0.41 0.00
STATE_ST_34_KV_LOAD 55959	36.56 -0.18 0.00	33.32 -0.30 0.00	30.55 -0.34 0.00	29.69 -0.39 0.00	28.45 -0.35 0.00	29.06 -0.35 0.00	27.69 -0.34 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.32 -0.44 0.00	27.30 -0.53 0.00	27.81 -0.48 0.00	30.66 -0.47 0.00	33.28 -0.68 0.00	35.17 -0.72 0.00	37.55 -0.84 0.00	44.24 -0.90 -0.11	50.44 -0.87 0.00	60.22 -0.79 -0.20	64.03 -0.51 -0.18	62.50 -0.31 -0.18	55.52 -0.22 -0.14	50.49 -0.10 0.00	40.39 -0.28 0.00
STATION 5_MISC_HYD 23604	35.24 -1.51 0.00	31.78 -1.85 0.00	29.19 -1.70 0.00	28.33 -1.75 0.00	27.15 -1.64 0.00	27.77 -1.65 0.00	26.46 -1.57 0.00	25.63 -1.44 0.00	24.12 -1.40 0.00	24.57 -1.18 0.00	26.47 -1.36 0.00	26.93 -1.36 0.00	29.73 -1.40 0.00	32.15 -1.80 0.00	33.51 -2.37 0.00	35.78 -2.61 0.00	40.42 -3.24 1.38	45.73 -3.44 2.14	54.41 -3.71 2.69	58.60 -3.35 2.42	56.96 -3.19 2.48	51.27 -2.17 2.16	47.36 -1.47 1.76	38.54 -1.55 0.59
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.68 -1.07 0.00	32.32 -1.31 0.00	29.65 -1.24 0.00	28.79 -1.29 0.00	27.61 -1.18 0.00	28.21 -1.21 0.00	26.99 -1.04 0.00	25.99 -1.08 0.00	24.40 -1.12 0.00	24.80 -0.95 0.00	26.72 -1.11 0.00	27.18 -1.10 0.00	29.97 -1.15 0.00	32.19 -1.77 0.00	34.09 -1.79 0.00	36.39 -2.00 0.00	41.57 -2.43 1.04	47.44 -2.26 1.61	56.05 -2.74 2.02	60.17 -2.38 1.82	58.58 -2.19 1.87	52.41 -1.56 1.63	48.20 -1.06 1.33	39.09 -1.14 0.45
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.09 -1.65 0.00	31.68 -1.95 0.00	29.10 -1.79 0.00	28.24 -1.83 0.00	27.06 -1.73 0.00	27.68 -1.74 0.00	26.54 -1.49 0.00	25.55 -1.52 0.00	24.05 -1.48 0.00	24.49 -1.26 0.00	26.38 -1.45 0.00	26.84 -1.44 0.00	29.57 -1.56 0.00	31.51 -2.44 0.00	33.44 -2.44 0.00	35.70 -2.69 0.00	40.34 -3.33 1.37	46.06 -3.13 2.12	54.19 -3.95 2.67	58.43 -3.54 2.40	56.85 -3.32 2.46	51.01 -2.45 2.14	47.12 -1.72 1.75	38.38 -1.71 0.59
STA_56____34_KV_BUS2 355983	35.09 -1.65 0.00	31.68 -1.95 0.00	29.10 -1.79 0.00	28.24 -1.83 0.00	27.06 -1.73 0.00	27.68 -1.74 0.00	26.54 -1.49 0.00	25.55 -1.52 0.00	24.05 -1.48 0.00	24.49 -1.26 0.00	26.38 -1.45 0.00	26.84 -1.44 0.00	29.57 -1.56 0.00	31.51 -2.44 0.00	33.44 -2.44 0.00	35.70 -2.69 0.00	40.34 -3.33 1.37	46.06 -3.13 2.12	54.19 -3.95 2.67	58.43 -3.54 2.40	56.85 -3.32 2.46	51.01 -2.45 2.14	47.12 -1.72 1.75	38.38 -1.71 0.59
STA_67____115KV_BK2 355882	35.16 -1.58 0.00	31.71 -1.92 0.00	29.13 -1.76 0.00	28.24 -1.83 0.00	27.09 -1.70 0.00	27.71 -1.71 0.00	26.59 -1.43 0.00	25.58 -1.49 0.00	24.10 -1.43 0.00	24.52 -1.24 0.00	26.41 -1.42 0.00	26.87 -1.41 0.00	29.60 -1.53 0.00	31.51 -2.44 0.00	33.44 -2.44 0.00	35.70 -2.69 0.00	40.33 -3.33 1.38	46.04 -3.13 2.14	54.11 -4.01 2.69	58.47 -3.48 2.42	56.83 -3.32 2.48	51.10 -2.34 2.16	47.21 -1.62 1.76	38.46 -1.63 0.59
STA_7____115KV_9TRANS 80674	35.39 -1.36 0.00	31.91 -1.72 0.00	29.31 -1.58 0.00	28.42 -1.65 0.00	27.27 -1.53 0.00	27.85 -1.56 0.00	26.73 -1.29 0.00	25.72 -1.35 0.00	24.20 -1.33 0.00	24.67 -1.08 0.00	26.58 -1.25 0.00	27.04 -1.24 0.00	29.82 -1.31 0.00	31.75 -2.21 0.00	33.69 -2.19 0.00	35.97 -2.42 0.00	40.64 -3.02 1.38	46.45 -2.72 2.14	54.71 -3.41 2.69	59.05 -2.90 2.42	57.40 -2.76 2.48	51.60 -1.83 2.16	47.61 -1.21 1.76	38.74 -1.34 0.59
STA_82____115KV_TB1 80780	35.13 -1.62 0.00	31.68 -1.95 0.00	29.13 -1.76 0.00	28.24 -1.83 0.00	27.09 -1.70 0.00	27.68 -1.74 0.00	26.57 -1.46 0.00	25.58 -1.49 0.00	24.07 -1.45 0.00	24.52 -1.24 0.00	26.38 -1.45 0.00	26.84 -1.44 0.00	29.57 -1.56 0.00	31.48 -2.48 0.00	33.41 -2.48 0.00	35.66 -2.73 0.00	40.29 -3.38 1.37	46.00 -3.18 2.13	54.07 -4.07 2.67	58.43 -3.54 2.40	56.79 -3.38 2.46	51.06 -2.39 2.15	47.17 -1.67 1.75	38.42 -1.67 0.59
STEEL____WIND 323596	34.10 -2.65 0.00	30.60 -3.03 0.00	28.11 -2.78 0.00	27.19 -2.89 0.00	25.97 -2.82 0.00	26.71 -2.71 0.00	25.39 -2.64 0.00	24.69 -2.38 0.00	23.23 -2.30 0.00	23.72 -2.04 0.00	25.55 -2.28 0.00	25.94 -2.35 0.00	28.54 -2.58 0.00	30.60 -3.33 0.02	31.98 -3.88 0.02	34.26 -4.11 0.02	38.33 -4.64 2.07	44.00 -5.13 2.17	50.83 -5.96 4.02	54.62 -6.18 3.57	53.21 -5.76 3.66	47.38 -5.11 3.11	45.15 -3.89 1.54	36.62 -3.54 0.52
STEPHTWN_115KV_BK_2 55603	37.30 0.55 0.00	34.37 0.74 0.00	31.75 0.86 0.00	30.98 0.90 0.00	29.66 0.86 0.00	30.30 0.88 0.00	28.70 0.67 0.00	27.61 0.54 0.00	25.88 0.36 0.00	26.01 0.26 0.00	28.17 0.33 0.00	28.63 0.34 0.00	31.50 0.37 0.00	34.57 0.61 0.00	36.53 0.65 0.00	39.19 0.81 0.00	45.90 0.86 0.00	52.03 0.72 0.00	61.91 1.09 0.00	65.34 0.97 0.00	63.64 1.00 0.00	56.60 1.00 0.00	51.15 0.56 0.00	41.25 0.57 0.00
STEBEN_REC_LFGE 323667	35.97 -0.77 0.00	32.52 -1.11 0.00	29.78 -1.11 0.00	28.79 -1.29 0.00	27.50 -1.30 0.00	28.21 -1.21 0.00	27.02 -1.01 0.00	25.82 -1.25 0.00	24.07 -1.45 0.00	24.47 -1.29 0.00	26.27 -1.56 0.00	26.70 -1.58 0.00	29.45 -1.68 0.00	31.77 -2.24 -0.06	33.61 -2.33 -0.06	36.03 -2.42 -0.06	43.97 -2.52 -1.45	47.43 -2.72 1.16	61.39 -2.19 -2.77	65.01 -1.74 -2.38	63.88 -1.19 -2.44	56.33 -1.11 -1.84	49.16 -0.56 0.88	39.53 -0.85 0.29
STILLWATER____SOLAR 323814	38.18 1.43 0.00	35.07 1.44 0.00	32.28 1.39 0.00	31.46 1.38 0.00	30.15 1.35 0.00	30.82 1.41 0.00	29.17 1.15 0.00	27.91 0.84 0.00	26.21 0.69 0.00	26.30 0.54 0.00	28.36 0.53 0.00	28.80 0.51 0.00	31.65 0.53 0.00	34.57 0.61 0.00	36.71 0.83 0.00	39.43 1.04 0.00	46.52 1.48 0.00	52.85 1.54 0.00	63.18 2.37 0.00	66.88 2.51 0.00	65.39 2.75 0.00	58.16 2.56 0.00	52.56 1.97 0.00	42.22 1.55 0.00

STONY___BROOK 24151	38.69 1.95 0.00	35.34 1.71 0.00	32.59 1.70 0.00	31.52 1.44 0.00	30.12 1.33 0.00	30.62 1.21 0.00	29.20 1.18 0.00	28.45 1.38 0.00	27.44 1.92 0.00	28.18 2.42 0.00	32.70 2.84 -2.02	35.61 2.74 -4.58	36.04 3.02 -1.90	40.00 3.26 -2.78	45.42 3.70 -5.85	49.07 4.22 -6.46	54.31 4.91 -4.36	58.39 5.64 -1.44	67.55 5.84 -0.90	70.41 6.05 0.00	67.01 4.38 0.00	59.15 3.56 0.01	52.50 1.92 0.01	43.61 2.93 0.00
STURGEON_POOL_HYD 23609	38.32 1.58 0.00	35.17 1.55 0.00	32.31 1.42 0.00	31.46 1.38 0.00	30.09 1.30 0.00	30.65 1.24 0.00	29.17 1.15 0.00	28.26 1.19 0.00	26.85 1.33 0.00	27.12 1.37 0.00	29.47 1.64 0.00	29.90 1.61 0.00	32.99 1.87 0.00	36.19 2.24 0.00	38.36 2.48 0.00	41.34 2.96 0.00	48.78 3.74 0.00	55.66 4.36 0.01	65.92 5.11 0.00	69.33 4.96 0.00	66.96 4.32 0.00	58.99 3.39 0.00	53.47 2.88 0.00	42.99 2.32 0.00
ST_LAW_115_BK7_LBMP 345037	36.71 -0.04 0.00	33.56 -0.07 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.33 -0.09 0.00	28.00 -0.03 0.00	27.07 0.00 0.00	25.50 -0.03 0.00	25.76 0.00 0.00	27.78 -0.06 0.00	28.23 -0.06 0.00	31.03 -0.09 0.00	33.89 -0.07 0.00	35.78 -0.11 0.00	38.24 -0.15 0.00	44.86 -0.18 0.00	51.10 -0.20 0.00	60.39 -0.42 0.00	64.05 -0.32 0.00	62.26 -0.37 0.00	55.21 -0.39 0.00	50.44 -0.15 0.00	40.68 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	36.71 -0.04 0.00	33.56 -0.07 0.00	30.77 -0.12 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.33 -0.09 0.00	28.00 -0.03 0.00	27.07 0.00 0.00	25.50 -0.03 0.00	25.76 0.00 0.00	27.78 -0.06 0.00	28.23 -0.06 0.00	31.03 -0.09 0.00	33.89 -0.07 0.00	35.78 -0.11 0.00	38.24 -0.15 0.00	44.86 -0.18 0.00	51.10 -0.20 0.00	60.39 -0.42 0.00	64.05 -0.32 0.00	62.26 -0.37 0.00	55.21 -0.39 0.00	50.44 -0.15 0.00	40.68 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	36.71 -0.04 0.00	33.56 -0.07 0.00	30.80 -0.09 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.33 -0.09 0.00	28.02 0.00 0.00	27.07 0.00 0.00	25.50 -0.03 0.00	25.76 0.00 0.00	27.80 -0.03 0.00	28.23 -0.06 0.00	31.06 -0.06 0.00	33.92 -0.03 0.00	35.81 -0.07 0.00	38.27 -0.11 0.00	44.91 -0.13 0.00	51.10 -0.20 0.00	60.45 -0.36 0.00	64.11 -0.26 0.00	62.32 -0.31 0.00	55.32 -0.28 0.00	50.49 -0.10 0.00	40.68 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	36.71 -0.04 0.00	33.56 -0.07 0.00	30.80 -0.09 0.00	29.99 -0.09 0.00	28.71 -0.09 0.00	29.33 -0.09 0.00	28.02 0.00 0.00	27.07 0.00 0.00	25.50 -0.03 0.00	25.76 0.00 0.00	27.80 -0.03 0.00	28.23 -0.06 0.00	31.06 -0.06 0.00	33.92 -0.03 0.00	35.81 -0.07 0.00	38.27 -0.11 0.00	44.91 -0.13 0.00	51.10 -0.20 0.00	60.45 -0.36 0.00	64.11 -0.26 0.00	62.32 -0.31 0.00	55.32 -0.28 0.00	50.49 -0.10 0.00	40.68 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.92 1.18 0.00	34.80 1.18 0.00	31.97 1.08 0.00	31.13 1.05 0.00	29.77 0.98 0.00	30.35 0.94 0.00	28.89 0.87 0.00	28.02 0.95 0.00	26.60 1.07 0.00	26.89 1.13 0.00	29.17 1.34 0.00	29.62 1.33 0.00	32.65 1.53 0.00	35.79 1.83 0.00	37.93 2.05 0.00	40.81 2.42 0.00	48.06 3.02 0.00	54.74 3.44 0.01	64.83 4.01 0.00	68.23 3.86 0.00	66.02 3.38 0.00	58.21 2.61 0.00	52.81 2.23 0.00	42.47 1.79 0.00
SWANROAD_115KV_TB1 355699	32.89 -3.86 0.00	29.39 -4.24 0.00	27.09 -3.80 0.00	26.11 -3.97 0.00	25.02 -3.77 0.00	25.68 -3.74 0.00	24.80 -3.22 0.00	23.87 -3.19 0.00	22.49 -3.04 0.00	22.97 -2.78 0.00	24.71 -3.12 0.00	25.03 -3.25 0.00	27.48 -3.64 0.00	28.91 -5.03 0.02	30.63 -5.24 0.02	32.80 -5.57 0.02	36.36 -6.76 1.92	41.60 -7.44 2.27	48.27 -8.82 3.72	52.43 -8.63 3.32	50.97 -8.27 3.40	45.91 -6.78 2.91	43.54 -5.41 1.63	35.57 -4.56 0.55
SYNERGY___BIOGAS 323694	34.58 -2.17 0.00	30.97 -2.66 0.00	28.48 -2.41 0.00	27.55 -2.53 0.00	26.43 -2.36 0.00	27.03 -2.38 0.00	26.03 -1.99 0.00	24.96 -2.11 0.00	23.46 -2.07 0.00	23.93 -1.83 0.00	25.72 -2.12 0.00	26.11 -2.18 0.00	28.73 -2.40 0.00	30.38 -3.57 0.01	32.25 -3.62 0.01	34.50 -3.88 0.01	38.69 -4.59 1.75	44.33 -4.77 2.21	52.00 -5.41 3.40	56.44 -4.89 3.04	54.95 -4.57 3.12	49.37 -3.56 2.67	46.29 -2.63 1.67	37.63 -2.48 0.56
SYRACUSE___ENERGY_ST1 323597	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.35 0.00	29.09 -0.32 0.00	27.69 -0.34 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.24 -0.65 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.38 -0.92 0.00	59.84 -0.97 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
SYRACUSE___ENERGY_ST2 323598	36.49 -0.26 0.00	33.29 -0.34 0.00	30.55 -0.34 0.00	29.72 -0.36 0.00	28.45 -0.35 0.00	29.09 -0.32 0.00	27.69 -0.34 0.00	26.69 -0.38 0.00	25.09 -0.43 0.00	25.37 -0.39 0.00	27.36 -0.47 0.00	27.86 -0.42 0.00	30.69 -0.44 0.00	33.38 -0.58 0.00	35.24 -0.65 0.00	37.58 -0.81 0.00	44.14 -0.90 0.00	50.38 -0.92 0.00	59.84 -0.97 0.00	63.53 -0.84 0.00	61.95 -0.69 0.00	55.04 -0.56 0.00	50.13 -0.46 0.00	40.19 -0.49 0.00
SYRACUSE___POWER 24017	36.38 -0.37 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.63 -0.45 0.00	28.39 -0.40 0.00	29.00 -0.41 0.00	27.60 -0.42 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.32 -0.44 0.00	27.33 -0.50 0.00	27.81 -0.48 0.00	30.63 -0.50 0.00	33.31 -0.65 0.00	35.16 -0.72 0.00	37.54 -0.84 0.00	43.69 -0.95 0.41	49.69 -0.97 0.64	58.98 -1.03 0.80	62.75 -0.90 0.72	61.15 -0.75 0.73	54.29 -0.67 0.64	49.51 -0.56 0.52	39.93 -0.57 0.18
TALLMAN__138KV_BK151 55660	38.07 1.32 0.00	34.97 1.35 0.00	32.13 1.24 0.00	31.25 1.17 0.00	29.92 1.12 0.00	30.50 1.09 0.00	29.03 1.01 0.00	28.18 1.11 0.00	26.75 1.23 0.00	27.07 1.31 0.00	29.42 1.59 0.00	29.87 1.58 0.00	32.90 1.77 0.00	36.09 2.14 0.00	38.25 2.37 0.00	41.19 2.80 0.00	48.51 3.47 0.00	55.25 3.95 0.01	65.31 4.50 0.00	68.68 4.31 0.00	66.46 3.82 0.00	58.54 2.95 0.00	53.12 2.53 0.00	42.71 2.03 0.00
TEALLAVE_115KV_TB7 355573	36.27 -0.48 0.00	33.09 -0.54 0.00	30.36 -0.53 0.00	29.54 -0.54 0.00	28.30 -0.49 0.00	28.91 -0.50 0.00	27.52 -0.50 0.00	26.55 -0.51 0.00	24.99 -0.54 0.00	25.27 -0.49 0.00	27.25 -0.58 0.00	27.75 -0.54 0.00	30.57 -0.56 0.00	33.21 -0.75 0.00	35.06 -0.83 0.00	37.39 -1.00 0.00	43.32 -1.17 0.55	49.21 -1.23 0.86	58.40 -1.34 1.07	62.18 -1.22 0.97	60.58 -1.06 0.99	53.84 -0.89 0.86	49.13 -0.76 0.70	39.71 -0.73 0.24
TELGRAPH_34_KV_EAST 80808	33.88 -2.87 0.00	30.33 -3.30 0.00	27.92 -2.97 0.00	26.98 -3.10 0.00	25.86 -2.94 0.00	26.47 -2.94 0.00	25.53 -2.49 0.00	24.52 -2.54 0.00	23.08 -2.45 0.00	23.57 -2.19 0.00	25.35 -2.48 0.00	25.71 -2.57 0.00	28.26 -2.86 0.00	29.83 -4.11 0.02	31.63 -4.23 0.02	33.84 -4.53 0.02	37.77 -5.45 1.82	43.28 -5.80 2.23	50.46 -6.81 3.54	54.77 -6.44 3.16	53.32 -6.08 3.24	47.93 -4.89 2.77	45.14 -3.79 1.65	36.79 -3.34 0.56

TEMPLE___115KV_TB 2 55572	36.27 -0.48 0.00	33.12 -0.50 0.00	30.40 -0.49 0.00	29.54 -0.54 0.00	28.30 -0.49 0.00	28.94 -0.47 0.00	27.55 -0.48 0.00	26.55 -0.51 0.00	24.99 -0.54 0.00	25.27 -0.49 0.00	27.25 -0.58 0.00	27.75 -0.54 0.00	30.57 -0.56 0.00	33.21 -0.75 0.00	35.09 -0.79 0.00	37.43 -0.96 0.00	43.35 -1.13 0.56	49.25 -1.18 0.88	58.44 -1.28 1.09	62.16 -1.22 0.98	60.56 -1.06 1.01	53.83 -0.89 0.88	49.11 -0.76 0.72	39.74 -0.69 0.24
TIANA___69_KV_BK 1 55817	38.69 1.95 0.00	35.28 1.65 0.00	32.65 1.76 0.00	31.61 1.53 0.00	30.17 1.38 0.00	30.74 1.32 0.00	29.26 1.23 0.00	28.53 1.46 0.00	27.64 2.12 0.00	28.18 2.42 0.00	32.95 3.09 -2.03	35.72 2.86 -4.58	36.14 3.11 -1.90	40.05 3.33 -2.77	45.15 3.59 -5.68	48.79 4.11 -6.29	54.05 4.82 -4.19	58.49 5.80 -1.38	67.64 5.96 -0.86	70.22 5.86 0.00	66.77 4.13 0.00	58.98 3.39 0.01	52.25 1.67 0.01	43.52 2.85 0.00
TILDEN___115KV_TB1 80814	36.38 -0.37 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.63 -0.45 0.00	28.39 -0.40 0.00	29.00 -0.41 0.00	27.60 -0.42 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.32 -0.44 0.00	27.33 -0.50 0.00	27.81 -0.48 0.00	30.63 -0.50 0.00	33.31 -0.65 0.00	35.16 -0.72 0.00	37.54 -0.84 0.00	43.69 -0.95 0.41	49.69 -0.97 0.64	58.98 -1.03 0.80	62.75 -0.90 0.72	61.15 -0.75 0.73	54.29 -0.67 0.64	49.51 -0.56 0.52	39.93 -0.57 0.18
TRIGEN___CC 323695	38.32 1.58 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.31 1.23 0.00	29.92 1.12 0.00	30.47 1.06 0.00	29.00 0.98 0.00	28.23 1.16 0.00	27.06 1.53 0.00	27.53 1.78 0.00	32.14 2.28 -2.03	35.13 2.26 -4.58	35.54 2.52 -1.90	41.11 2.92 -4.24	72.25 3.23 -33.14	75.87 3.72 -33.75	81.24 4.55 -31.65	66.97 5.13 -10.53	72.90 5.53 -6.56	70.24 5.86 -0.02	67.16 4.51 -0.02	59.17 3.56 -0.01	52.76 2.18 0.01	43.20 2.52 0.00
TRINITY___115KV___ 4 BK 55933	37.04 0.29 0.00	34.13 0.50 0.00	31.60 0.71 0.00	30.83 0.75 0.00	29.51 0.72 0.00	30.15 0.74 0.00	28.56 0.53 0.00	27.50 0.43 0.00	25.81 0.28 0.00	25.91 0.15 0.00	28.08 0.25 0.00	28.54 0.25 0.00	31.38 0.25 0.00	34.43 0.48 0.00	36.38 0.50 0.00	39.04 0.65 0.00	45.63 0.59 0.00	51.72 0.41 0.00	61.36 0.55 0.00	64.76 0.39 0.00	63.14 0.50 0.00	56.10 0.50 0.00	50.79 0.20 0.00	40.96 0.28 0.00
UNION___PROCESSING_DRP 323587	35.16 -1.58 0.00	31.71 -1.92 0.00	29.13 -1.76 0.00	28.24 -1.83 0.00	27.09 -1.70 0.00	27.68 -1.74 0.00	26.57 -1.46 0.00	25.58 -1.49 0.00	24.07 -1.45 0.00	24.52 -1.24 0.00	26.41 -1.42 0.00	26.84 -1.44 0.00	29.57 -1.56 0.00	31.48 -2.48 0.00	33.41 -2.48 0.00	35.66 -2.73 0.00	40.30 -3.38 1.36	46.01 -3.18 2.12	54.14 -4.01 2.66	58.44 -3.54 2.39	56.80 -3.38 2.45	51.07 -2.39 2.14	47.18 -1.67 1.74	38.42 -1.67 0.58
UPPER HUDSON___HYD 24058	38.91 2.17 0.00	35.68 2.05 0.00	32.81 1.92 0.00	31.98 1.90 0.00	30.64 1.84 0.00	31.32 1.91 0.00	29.62 1.60 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.36 0.53 0.00	28.80 0.51 0.00	31.62 0.50 0.00	34.43 0.48 0.00	36.60 0.72 0.00	39.35 0.96 0.00	46.93 1.89 0.00	53.41 2.10 0.00	64.52 3.71 0.00	68.43 4.06 0.00	66.95 4.32 0.00	59.55 3.95 0.00	53.67 3.09 0.00	42.99 2.32 0.00
UPPER RAQUET___HYD 24056	36.63 -0.11 0.00	33.53 -0.10 0.00	30.74 -0.15 0.00	29.96 -0.12 0.00	28.68 -0.11 0.00	29.33 -0.09 0.00	27.94 -0.08 0.00	26.93 -0.13 0.00	25.32 -0.21 0.00	25.55 -0.21 0.00	27.50 -0.33 0.00	27.86 -0.42 0.00	30.66 -0.47 0.00	33.45 -0.51 0.00	35.31 -0.58 0.00	37.77 -0.62 0.00	44.27 -0.77 0.00	50.54 -0.77 0.00	59.96 -0.85 0.00	63.79 -0.58 0.00	62.13 -0.50 0.00	55.04 -0.56 0.00	50.29 -0.30 0.00	40.55 -0.12 0.00
VALLEY44___115KV_TB2 355964	34.32 -2.43 0.00	30.90 -2.72 0.00	28.36 -2.53 0.00	27.34 -2.74 0.00	26.17 -2.62 0.00	26.88 -2.53 0.00	25.81 -2.21 0.00	24.88 -2.19 0.00	23.36 -2.17 0.00	23.88 -1.88 0.00	25.72 -2.12 0.00	26.08 -2.21 0.00	28.64 -2.49 0.00	31.39 -2.55 0.02	32.85 -3.01 0.02	35.03 -3.34 0.02	40.23 -2.97 1.84	43.74 -5.54 2.03	52.93 -4.32 3.57	55.79 -5.41 3.17	54.50 -4.89 3.25	47.22 -5.62 2.77	44.30 -4.86 1.43	35.88 -4.31 0.48
VALLEY___115KV_TB 1-4 80826	36.93 0.18 0.00	33.83 0.20 0.00	31.11 0.22 0.00	30.29 0.21 0.00	28.99 0.20 0.00	29.62 0.21 0.00	28.16 0.14 0.00	27.20 0.14 0.00	25.63 0.10 0.00	25.83 0.08 0.00	27.92 0.08 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.46 0.15 0.00	61.18 0.36 0.00	64.89 0.51 0.00	63.14 0.50 0.00	56.04 0.44 0.00	51.09 0.51 0.00	41.08 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.66 0.92 0.00	34.54 0.91 0.00	31.72 0.83 0.00	30.89 0.81 0.00	29.54 0.75 0.00	30.18 0.76 0.00	28.64 0.62 0.00	27.61 0.54 0.00	26.01 0.48 0.00	26.25 0.49 0.00	28.36 0.53 0.00	28.80 0.51 0.00	31.72 0.59 0.00	34.63 0.68 0.00	36.67 0.79 0.00	39.31 0.92 0.00	46.26 1.22 0.00	52.72 1.44 0.03	62.82 2.01 0.00	66.62 2.25 0.00	64.83 2.19 0.00	57.32 1.72 0.00	52.11 1.52 0.00	41.77 1.10 0.00
VISCHER___FERRY HYD 24020	37.59 0.85 0.00	34.60 0.98 0.00	31.88 0.99 0.00	31.10 1.02 0.00	29.83 1.04 0.00	30.44 1.03 0.00	28.86 0.84 0.00	27.72 0.65 0.00	26.11 0.59 0.00	26.19 0.44 0.00	28.36 0.53 0.00	28.82 0.54 0.00	31.65 0.53 0.00	34.63 0.68 0.00	36.74 0.86 0.00	39.43 1.04 0.00	46.26 1.22 0.00	52.44 1.13 0.00	62.27 1.46 0.00	65.66 1.29 0.00	64.14 1.50 0.00	57.15 1.55 0.00	51.65 1.06 0.00	41.53 0.86 0.00
V_A_10_SYNC_DSASP 323832	34.03 -2.72 0.00	30.53 -3.09 0.00	28.11 -2.78 0.00	27.16 -2.92 0.00	26.06 -2.74 0.00	26.68 -2.74 0.00	25.70 -2.33 0.00	24.80 -2.27 0.00	23.36 -2.17 0.00	23.82 -1.93 0.00	25.63 -2.20 0.00	26.00 -2.29 0.00	28.54 -2.58 0.00	30.11 -3.84 0.01	31.96 -3.91 0.01	34.15 -4.22 0.01	37.96 -5.27 1.81	44.05 -5.23 2.03	50.54 -6.75 3.53	54.98 -6.24 3.15	53.46 -5.95 3.23	48.29 -4.56 2.75	45.37 -3.44 1.78	37.03 -3.05 0.60
V_CMM_10_SYNC_DSASP 323787	36.86 0.11 0.00	33.69 0.07 0.00	30.89 0.00 0.00	30.11 0.03 0.00	28.82 0.03 0.00	29.44 0.03 0.00	28.11 0.08 0.00	27.18 0.11 0.00	25.60 0.08 0.00	25.86 0.10 0.00	27.86 0.03 0.00	28.34 0.06 0.00	31.16 0.03 0.00	33.99 0.03 0.00	35.92 0.04 0.00	38.39 0.00 0.00	45.00 -0.05 0.00	51.26 -0.05 0.00	60.39 -0.43 0.00	64.05 -0.32 0.00	62.26 -0.38 0.00	55.21 -0.39 0.00	50.64 0.05 0.00	40.84 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	37.22 0.48 0.00	34.03 0.40 0.00	31.20 0.31 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.80 0.38 0.00	28.42 0.39 0.00	27.42 0.35 0.00	25.86 0.33 0.00	26.14 0.39 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.47 0.34 0.00	34.40 0.44 0.00	36.31 0.43 0.00	38.77 0.38 0.00	45.49 0.45 0.00	51.77 0.46 0.00	61.42 0.61 0.00	65.14 0.77 0.00	63.26 0.63 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.25 0.57 0.00

V_D_10_SYNC_DSASP 323841	37.04 0.29 0.00	33.83 0.20 0.00	31.01 0.12 0.00	30.23 0.15 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.22 0.20 0.00	27.26 0.19 0.00	25.65 0.13 0.00	25.91 0.15 0.00	27.92 0.08 0.00	28.37 0.08 0.00	31.22 0.09 0.00	34.06 0.10 0.00	35.95 0.07 0.00	38.43 0.04 0.00	45.04 0.00 0.00	51.36 0.05 0.00	60.75 -0.06 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.60 0.00 0.00	50.84 0.25 0.00	41.00 0.33 0.00
V_E_10_SYNC_DSASP 323830	38.29 1.54 0.00	34.97 1.35 0.00	32.06 1.17 0.00	31.16 1.08 0.00	29.83 1.04 0.00	30.53 1.12 0.00	28.92 0.90 0.00	27.69 0.62 0.00	25.83 0.31 0.00	26.01 0.26 0.00	27.94 0.11 0.00	28.34 0.06 0.00	31.28 0.16 0.00	33.96 0.00 0.00	35.99 0.11 0.00	38.62 0.23 0.00	45.59 0.68 0.13	52.02 1.18 0.46	63.05 2.49 0.25	67.55 3.41 0.24	66.09 3.70 0.24	58.31 2.95 0.23	52.92 2.68 0.35	42.39 1.83 0.12
V_F_30_NSYNC___DSASP 323816	38.21 1.47 0.00	35.11 1.48 0.00	32.28 1.39 0.00	31.49 1.41 0.00	30.17 1.38 0.00	30.82 1.41 0.00	29.15 1.12 0.00	27.94 0.87 0.00	26.24 0.71 0.00	26.32 0.57 0.00	28.42 0.58 0.00	28.85 0.57 0.00	31.72 0.59 0.00	34.73 0.78 0.00	36.78 0.90 0.00	39.50 1.11 0.00	46.57 1.53 0.00	52.95 1.64 0.00	63.31 2.49 0.00	67.01 2.64 0.00	65.46 2.82 0.00	58.21 2.61 0.00	52.61 2.02 0.00	42.22 1.55 0.00
V_F_30_SYNC_DSASP 323786	37.19 0.44 0.00	34.23 0.61 0.00	31.69 0.80 0.00	30.89 0.81 0.00	29.60 0.81 0.00	30.24 0.82 0.00	28.61 0.59 0.00	27.53 0.46 0.00	25.83 0.31 0.00	25.96 0.21 0.00	28.11 0.28 0.00	28.57 0.28 0.00	31.44 0.31 0.00	34.46 0.51 0.00	36.42 0.54 0.00	39.08 0.69 0.00	45.72 0.68 0.00	51.87 0.56 0.00	61.60 0.79 0.00	65.01 0.64 0.00	63.39 0.75 0.00	56.32 0.72 0.00	50.99 0.40 0.00	41.08 0.41 0.00
V_XM_10_SYNC_DSASP 323789	37.22 0.48 0.00	34.03 0.40 0.00	31.20 0.31 0.00	30.44 0.36 0.00	29.14 0.35 0.00	29.80 0.38 0.00	28.42 0.39 0.00	27.42 0.35 0.00	25.86 0.33 0.00	26.14 0.39 0.00	28.19 0.36 0.00	28.63 0.34 0.00	31.47 0.34 0.00	34.40 0.44 0.00	36.31 0.43 0.00	38.77 0.38 0.00	45.49 0.45 0.00	51.77 0.46 0.00	61.42 0.61 0.00	65.14 0.77 0.00	63.26 0.63 0.00	56.04 0.44 0.00	51.15 0.56 0.00	41.25 0.57 0.00
W.BABYLN_69_KV_BK1 56697	38.99 2.24 0.00	35.61 1.98 0.00	32.77 1.88 0.00	31.73 1.65 0.00	30.29 1.50 0.00	30.85 1.44 0.00	29.37 1.35 0.00	28.61 1.54 0.00	27.52 1.99 0.00	28.07 2.32 0.00	32.81 2.95 -2.03	35.78 2.91 -4.58	36.23 3.21 -1.90	40.71 3.63 -3.12	52.03 3.98 -12.17	55.70 4.53 -12.78	61.08 5.36 -10.68	61.11 6.26 -3.55	69.59 6.57 -2.21	71.13 6.76 0.00	67.84 5.20 0.00	59.88 4.28 0.00	53.21 2.63 0.01	43.97 3.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.21 1.47 0.00	35.07 1.45 0.00	32.25 1.36 0.00	31.37 1.29 0.00	30.00 1.21 0.00	30.59 1.18 0.00	29.15 1.12 0.00	28.29 1.22 0.00	26.85 1.33 0.00	27.15 1.39 0.00	29.50 1.67 0.00	29.93 1.64 0.00	33.03 1.90 0.00	36.19 2.24 0.00	38.39 2.51 0.00	41.31 2.92 0.00	48.69 3.65 0.00	55.46 4.16 0.01	65.62 4.80 0.00	69.00 4.63 0.00	66.71 4.07 0.00	58.77 3.17 0.00	53.32 2.73 0.00	42.87 2.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.36 1.62 0.00	35.24 1.61 0.00	32.37 1.48 0.00	31.55 1.47 0.00	30.15 1.35 0.00	30.74 1.32 0.00	29.31 1.29 0.00	28.50 1.43 0.00	27.11 1.58 0.00	27.43 1.67 0.00	29.89 2.06 0.00	30.32 2.04 0.00	33.40 2.27 0.00	36.60 2.65 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.36 4.23 -4.09	57.37 4.82 -1.24	66.29 5.47 0.00	69.58 5.21 0.00	67.21 4.57 0.00	59.04 3.45 0.00	53.67 3.09 0.00	43.24 2.56 0.00
W50THST__13_KV_LOAD 356117	38.55 1.80 0.00	35.34 1.72 0.00	32.50 1.61 0.00	31.64 1.56 0.00	30.26 1.47 0.00	30.85 1.44 0.00	29.43 1.40 0.00	28.61 1.54 0.00	27.21 1.68 0.00	27.53 1.78 0.00	30.00 2.17 0.00	30.44 2.15 0.00	33.52 2.40 0.00	36.77 2.82 0.00	38.97 3.09 0.00	42.00 3.61 0.00	53.63 4.50 -4.09	57.68 5.13 -1.24	66.59 5.78 0.00	69.91 5.54 0.00	67.52 4.89 0.00	59.32 3.73 0.00	53.93 3.34 0.00	43.40 2.73 0.00
WADING RIVER_IC_1 23522	38.29 1.54 0.00	34.94 1.31 0.00	32.40 1.51 0.00	31.34 1.26 0.00	29.95 1.15 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.26 1.19 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.30 2.43 -4.58	35.70 2.68 -1.90	39.44 2.72 -2.77	44.63 3.09 -5.66	48.27 3.61 -6.28	53.41 4.19 -4.18	57.61 4.93 -1.38	66.78 5.11 -0.86	69.64 5.28 0.00	66.20 3.57 0.00	58.37 2.78 0.01	51.75 1.16 0.01	43.20 2.52 0.00
WADING RIVER_IC_2 23547	38.29 1.54 0.00	34.94 1.31 0.00	32.40 1.51 0.00	31.34 1.26 0.00	29.95 1.15 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.26 1.19 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.30 2.43 -4.58	35.70 2.68 -1.90	39.44 2.72 -2.77	44.63 3.09 -5.66	48.27 3.61 -6.28	53.41 4.19 -4.18	57.61 4.93 -1.38	66.78 5.11 -0.86	69.64 5.28 0.00	66.20 3.57 0.00	58.37 2.78 0.01	51.75 1.16 0.01	43.20 2.52 0.00
WADING RIVER_IC_3 23601	38.29 1.54 0.00	34.94 1.31 0.00	32.40 1.51 0.00	31.34 1.26 0.00	29.95 1.15 0.00	30.44 1.03 0.00	29.03 1.01 0.00	28.26 1.19 0.00	27.41 1.89 0.00	28.18 2.42 0.00	32.56 2.70 -2.02	35.30 2.43 -4.58	35.70 2.68 -1.90	39.44 2.72 -2.77	44.63 3.09 -5.66	48.27 3.61 -6.28	53.41 4.19 -4.18	57.61 4.93 -1.38	66.78 5.11 -0.86	69.64 5.28 0.00	66.20 3.57 0.00	58.37 2.78 0.01	51.75 1.16 0.01	43.20 2.52 0.00
WALDENNY_12_KV_BK2 80841	34.03 -2.72 0.00	30.47 -3.16 0.00	28.05 -2.84 0.00	27.04 -3.04 0.00	25.88 -2.91 0.00	26.59 -2.82 0.00	25.59 -2.44 0.00	24.61 -2.46 0.00	23.18 -2.35 0.00	23.67 -2.09 0.00	25.49 -2.34 0.00	25.85 -2.43 0.00	28.35 -2.77 0.00	30.19 -3.73 0.02	31.91 -3.95 0.02	34.18 -4.18 0.02	38.21 -4.77 2.06	43.43 -5.70 2.19	50.68 -6.14 3.99	54.58 -6.24 3.55	53.11 -5.89 3.63	47.34 -5.17 3.08	44.99 -4.05 1.55	36.58 -3.58 0.52
WALDEN___HYDRO 24148	38.10 1.36 0.00	34.97 1.35 0.00	32.13 1.24 0.00	31.25 1.17 0.00	29.92 1.12 0.00	30.50 1.09 0.00	29.03 1.01 0.00	28.12 1.06 0.00	26.67 1.15 0.00	26.97 1.21 0.00	29.25 1.42 0.00	29.70 1.41 0.00	32.74 1.62 0.00	35.89 1.94 0.00	38.07 2.19 0.00	41.00 2.61 0.00	48.28 3.24 0.00	55.04 3.75 0.01	65.25 4.44 0.00	68.68 4.31 0.00	66.46 3.82 0.00	58.54 2.95 0.00	53.12 2.53 0.00	42.67 1.99 0.00
WARRENSBURG____ 23737	38.91 2.17 0.00	35.68 2.05 0.00	32.80 1.92 0.00	31.97 1.89 0.00	30.64 1.84 0.00	31.32 1.91 0.00	29.59 1.57 0.00	28.26 1.19 0.00	26.47 0.94 0.00	26.53 0.77 0.00	28.39 0.56 0.00	28.82 0.54 0.00	31.62 0.50 0.00	34.53 0.58 0.00	36.60 0.72 0.00	39.35 0.96 0.00	46.93 1.89 0.00	53.36 2.05 0.00	64.52 3.71 0.00	68.49 4.12 0.00	67.02 4.38 0.00	59.55 3.95 0.00	53.67 3.09 0.00	42.99 2.32 0.00

WATERSIDE___6 8 9 23538	38.43 1.69 0.00	35.31 1.68 0.00	32.50 1.61 -0.01	31.68 1.59 -0.01	30.27 1.47 -0.01	30.77 1.35 0.00	29.29 1.26 0.00	28.45 1.38 0.00	27.06 1.53 0.00	27.38 1.62 0.00	29.86 2.03 0.00	30.30 2.01 0.00	33.37 2.24 0.00	36.57 2.61 0.00	38.75 2.87 0.00	41.73 3.34 0.00	53.39 4.14 -4.21	57.25 4.67 -1.28	66.10 5.29 0.00	69.46 5.09 0.00	67.02 4.38 0.00	58.88 3.28 0.00	53.67 3.09 0.00	43.28 2.60 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.86 0.11 0.00	33.80 0.17 0.00	31.04 0.15 0.00	30.23 0.15 0.00	28.94 0.14 0.00	29.59 0.18 0.00	28.14 0.11 0.00	27.18 0.11 0.00	25.60 0.08 0.00	25.81 0.05 0.00	27.89 0.06 0.00	28.34 0.06 0.00	31.19 0.06 0.00	34.02 0.07 0.00	35.95 0.07 0.00	38.50 0.12 0.00	45.18 0.14 0.00	51.41 0.10 0.00	61.12 0.30 0.00	64.76 0.39 0.00	63.01 0.38 0.00	55.93 0.33 0.00	50.94 0.35 0.00	40.92 0.24 0.00
WDELAWARE___HYD 323627	38.03 1.29 0.00	34.87 1.24 0.00	32.03 1.14 0.00	31.13 1.05 0.00	29.80 1.01 0.00	30.35 0.94 0.00	28.92 0.90 0.00	27.96 0.89 0.00	26.52 0.99 0.00	26.76 1.00 0.00	29.03 1.20 0.00	29.45 1.16 0.00	32.46 1.34 0.00	35.52 1.56 0.00	37.78 1.90 0.00	40.69 2.30 0.00	48.01 2.97 0.00	54.89 3.59 0.01	65.19 4.38 0.00	68.75 4.38 0.00	66.52 3.88 0.00	58.54 2.94 0.00	53.07 2.48 0.00	42.59 1.91 0.00
WEST BABYLON___IC 23714	38.99 2.24 0.00	35.61 1.98 0.00	32.77 1.88 0.00	31.73 1.65 0.00	30.29 1.50 0.00	30.85 1.44 0.00	29.37 1.35 0.00	28.61 1.54 0.00	27.52 1.99 0.00	28.07 2.32 0.00	32.81 2.95 -2.03	35.78 2.91 -4.58	36.23 3.21 -1.90	40.71 3.63 -3.12	52.03 3.98 -12.17	55.70 4.53 -12.78	61.08 5.36 -10.68	61.11 6.26 -3.55	69.59 6.57 -2.21	71.13 6.76 0.00	67.84 5.20 0.00	59.88 4.28 0.00	53.21 2.63 0.01	43.97 3.29 0.00
WEST CANADA___HYD 24049	36.78 0.04 0.00	33.69 0.07 0.00	30.98 0.09 0.00	30.17 0.09 0.00	28.88 0.09 0.00	29.50 0.09 0.00	28.05 0.03 0.00	27.10 0.03 0.00	25.55 0.03 0.00	25.76 0.00 0.00	27.86 0.03 0.00	28.29 0.00 0.00	31.13 0.00 0.00	33.95 0.00 0.00	35.92 0.04 0.00	38.43 0.04 0.00	45.13 0.09 0.00	51.36 0.05 0.00	60.93 0.12 0.00	64.50 0.13 0.00	62.76 0.13 0.00	55.71 0.11 0.00	50.64 0.05 0.00	40.72 0.04 0.00
WESTERN_NY_WIND 24143	34.47 -2.28 0.00	30.90 -2.72 0.00	28.42 -2.47 0.00	27.49 -2.59 0.00	26.35 -2.45 0.00	26.97 -2.44 0.00	25.98 -2.05 0.00	24.90 -2.17 0.00	23.41 -2.12 0.00	23.88 -1.88 0.00	25.66 -2.17 0.00	26.05 -2.23 0.00	28.67 -2.46 0.00	30.31 -3.63 0.01	32.14 -3.73 0.01	34.42 -3.95 0.01	38.53 -4.73 1.78	44.22 -4.87 2.22	51.76 -5.59 3.46	56.26 -5.02 3.09	54.71 -4.76 3.16	49.22 -3.67 2.71	46.19 -2.73 1.67	37.55 -2.56 0.56
WESTOVER___LESR 323668	36.45 -0.29 0.00	33.22 -0.40 0.00	30.49 -0.40 0.00	29.60 -0.48 0.00	28.33 -0.46 0.00	29.00 -0.41 0.00	27.63 -0.39 0.00	26.64 -0.43 0.00	25.04 -0.48 0.00	25.37 -0.39 0.00	27.39 -0.45 0.00	27.83 -0.45 0.00	30.63 -0.50 0.00	33.34 -0.61 0.00	35.20 -0.68 0.00	37.66 -0.73 0.00	44.01 -0.68 0.36	49.72 -0.97 0.62	59.45 -0.67 0.69	63.04 -0.71 0.62	61.50 -0.50 0.64	54.42 -0.61 0.56	49.63 -0.51 0.45	39.91 -0.61 0.15
WETHRSFD_WT_PWR 323626	34.65 -2.09 0.00	31.21 -2.42 0.00	28.67 -2.22 0.00	27.73 -2.35 0.00	26.52 -2.28 0.00	27.24 -2.18 0.00	25.87 -2.16 0.00	24.99 -2.08 0.00	23.41 -2.12 0.00	23.82 -1.93 0.00	25.63 -2.20 0.00	26.05 -2.24 0.00	28.70 -2.43 0.00	30.83 -3.06 0.07	32.30 -3.52 0.07	34.59 -3.72 0.07	37.35 -4.19 3.51	44.99 -4.46 1.85	49.12 -4.92 6.77	53.51 -4.89 5.96	52.08 -4.45 6.11	46.73 -3.84 5.03	46.38 -2.88 1.33	37.54 -2.69 0.45
WHAVSTOR_138KV_BK127 55557	38.03 1.29 0.00	34.94 1.31 0.00	32.09 1.20 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.03 1.01 0.00	28.18 1.11 0.00	26.75 1.23 0.00	27.07 1.31 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.90 1.77 0.00	36.06 2.11 0.00	38.21 2.33 0.00	41.15 2.76 0.00	48.46 3.42 0.00	55.15 3.85 0.01	65.25 4.44 0.00	68.62 4.25 0.00	66.33 3.70 0.00	58.43 2.84 0.00	53.07 2.48 0.00	42.67 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.03 1.29 0.00	34.94 1.31 0.00	32.09 1.20 0.00	31.25 1.17 0.00	29.89 1.09 0.00	30.47 1.06 0.00	29.03 1.01 0.00	28.18 1.11 0.00	26.75 1.23 0.00	27.07 1.31 0.00	29.42 1.59 0.00	29.84 1.56 0.00	32.90 1.77 0.00	36.06 2.11 0.00	38.21 2.33 0.00	41.15 2.76 0.00	48.46 3.42 0.00	55.15 3.85 0.01	65.25 4.44 0.00	68.62 4.25 0.00	66.33 3.70 0.00	58.43 2.84 0.00	53.07 2.48 0.00	42.67 1.99 0.00
WHITEHAL_115KV_TB1 80871	39.54 2.79 0.00	36.22 2.59 0.00	33.27 2.38 0.00	32.46 2.38 0.00	31.10 2.30 0.00	31.82 2.41 0.00	30.01 1.99 0.00	28.53 1.46 0.00	26.65 1.12 0.00	26.68 0.93 0.00	28.56 0.72 0.00	28.99 0.71 0.00	31.84 0.72 0.00	34.80 0.85 0.00	36.92 1.04 0.00	39.69 1.31 0.00	47.43 2.39 0.00	53.98 2.67 0.00	65.49 4.68 0.00	69.65 5.28 0.00	68.27 5.64 0.00	60.71 5.12 0.00	54.59 4.00 0.00	43.65 2.97 0.00
WHITEPLN_13_KV_LOAD 356215	38.58 1.84 0.00	35.41 1.78 0.00	32.53 1.64 0.00	31.64 1.56 0.00	30.26 1.47 0.00	30.85 1.44 0.00	29.40 1.37 0.00	28.56 1.49 0.00	27.08 1.56 0.00	27.38 1.62 0.00	29.78 1.95 0.00	30.15 1.87 0.00	33.31 2.18 0.00	36.53 2.58 0.00	38.79 2.91 0.00	41.77 3.38 0.00	49.27 4.23 0.00	56.12 4.82 0.01	66.53 5.72 0.00	69.91 5.54 0.00	67.65 5.01 0.00	59.38 3.78 0.00	53.88 3.29 0.00	43.36 2.68 0.00
WM_FLOYD_69_KV_BK2 356380	38.58 1.84 0.00	35.21 1.58 0.00	32.56 1.67 0.00	31.49 1.41 0.00	30.09 1.30 0.00	30.62 1.21 0.00	29.15 1.12 0.00	28.40 1.33 0.00	27.44 1.91 0.00	27.95 2.19 0.00	32.67 2.81 -2.03	35.49 2.63 -4.58	35.89 2.86 -1.90	39.85 3.12 -2.78	45.01 3.37 -5.76	48.68 3.92 -6.37	53.86 4.55 -4.27	58.21 5.49 -1.41	67.29 5.59 -0.88	69.90 5.54 0.00	66.58 3.95 0.00	58.87 3.28 0.01	52.25 1.67 0.01	43.44 2.77 0.00
WOODARD___115KV_TB2 355635	36.23 -0.51 0.00	33.09 -0.54 0.00	30.36 -0.53 0.00	29.54 -0.54 0.00	28.27 -0.52 0.00	28.91 -0.50 0.00	27.52 -0.50 0.00	26.53 -0.54 0.00	24.99 -0.54 0.00	25.24 -0.52 0.00	27.25 -0.58 0.00	27.72 -0.57 0.00	30.53 -0.59 0.00	33.21 -0.75 0.00	35.06 -0.83 0.00	37.39 -1.00 0.00	43.50 -1.17 0.36	49.51 -1.23 0.57	58.76 -1.34 0.71	62.44 -1.29 0.64	60.85 -1.13 0.66	54.08 -0.95 0.57	49.31 -0.81 0.47	39.75 -0.77 0.16
YORK___WARBASSE 23770	38.70 1.95 -0.01	35.52 1.88 -0.01	32.69 1.79 -0.01	31.86 1.77 -0.01	30.47 1.67 -0.01	30.88 1.47 0.00	29.31 1.29 0.00	28.40 1.33 0.00	26.95 1.43 0.00	27.30 1.55 0.00	29.81 1.98 0.00	30.27 1.98 0.00	33.37 2.24 0.00	36.57 2.61 0.00	38.79 2.91 0.00	41.80 3.42 0.00	53.62 4.37 -4.21	57.51 4.93 -1.28	66.41 5.59 0.00	69.71 5.34 0.00	67.33 4.70 0.00	59.10 3.50 0.00	54.04 3.44 -0.01	43.57 2.89 -0.01