

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/30/2025

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	59.14	54.09	53.34	40.92	38.26	31.39	31.56	29.97	35.45	62.68	59.51	62.22	52.65	43.96	48.54	35.31	31.47	34.50	38.46	43.69	58.19	45.96	34.60	33.53
24138	2.05	1.97	1.52	1.12	1.13	0.90	1.14	1.33	1.69	3.12	2.67	2.69	2.51	1.93	2.16	1.63	1.44	1.67	1.95	2.52	3.34	2.57	1.92	1.71
	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
74TH STREET_GT_1	59.12	54.06	53.35	41.04	38.34	31.48	31.59	30.00	35.47	62.80	59.67	62.38	52.78	44.08	48.66	35.39	31.57	34.60	38.57	43.82	58.32	45.98	34.60	33.53
24260	2.02	1.94	1.53	1.24	1.21	0.99	1.17	1.35	1.71	3.24	2.82	2.86	2.65	2.05	2.28	1.71	1.53	1.78	2.06	2.65	3.46	2.59	1.91	1.71
	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
74TH STREET_GT_2	59.12	54.06	53.35	41.04	38.34	31.48	31.59	30.00	35.47	62.80	59.67	62.38	52.78	44.08	48.66	35.39	31.57	34.60	38.57	43.82	58.32	45.98	34.60	33.53
24261	2.02	1.94	1.53	1.24	1.21	0.99	1.17	1.35	1.71	3.24	2.82	2.86	2.65	2.05	2.28	1.71	1.53	1.78	2.06	2.65	3.46	2.59	1.91	1.71
	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 HUDSON___FALLS	60.28	54.80	54.44	41.75	38.97	32.06	32.09	30.40	35.90	63.04	60.10	62.80	53.09	44.57	49.23	35.64	31.89	35.01	38.85	43.75	58.36	46.15	34.51	33.49
24011	3.19	2.68	2.62	1.94	1.84	1.57	1.67	1.76	2.14	3.47	3.26	3.27	2.96	2.54	2.84	1.96	1.86	2.19	2.34	2.58	3.50	2.77	1.83	1.67
	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	60.76	55.11	54.76	41.96	39.18	32.24	32.31	30.62	36.17	63.34	60.34	63.05	53.37	44.86	49.55	35.82	32.08	35.26	39.12	44.02	58.72	46.52	34.66	33.63
23798	3.66	2.99	2.94	2.16	2.04	1.75	1.89	1.98	2.41	3.78	3.49	3.53	3.23	2.83	3.17	2.14	2.04	2.44	2.60	2.85	3.86	3.13	1.98	1.81
	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	60.28	54.80	54.44	41.75	38.97	32.06	32.09	30.40	35.90	63.04	60.10	62.80	53.09	44.57	49.23	35.64	31.89	35.01	38.85	43.75	58.36	46.15	34.51	33.49
24028	3.19	2.68	2.62	1.94	1.84	1.57	1.67	1.76	2.14	3.47	3.26	3.27	2.96	2.54	2.84	1.96	1.86	2.19	2.34	2.58	3.50	2.77	1.83	1.67
	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	59.17	53.99	53.63	41.09	38.41	31.61	31.55	29.92	35.28	61.98	58.99	61.47	52.01	43.65	48.21	34.97	31.25	34.21	37.80	42.58	56.86	45.03	34.16	33.21
23527	2.08	1.87	1.81	1.29	1.27	1.13	1.13	1.28	1.52	2.42	2.15	1.94	1.87	1.62	1.82	1.29	1.21	1.38	1.29	1.41	2.00	1.64	1.47	1.39
	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	56.98	52.04	51.65	39.69	37.08	30.53	30.57	28.93	33.98	60.45	58.59	61.20	51.68	43.32	47.82	34.75	30.97	33.61	37.07	41.81	55.71	44.06	33.25	32.31
24190	-0.11	-0.08	-0.17	-0.11	-0.05	0.04	0.15	0.29	0.22	0.89	1.75	1.68	1.55	1.28	1.44	1.07	0.94	0.79	0.56	0.64	0.86	0.67	0.56	0.49
	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	57.77	52.71	52.59	40.32	37.57	30.83	30.77	28.94	34.29	60.69	57.93	60.80	51.12	42.91	47.37	34.37	30.55	33.28	36.95	41.56	55.32	43.81	33.03	32.05
355683	0.67	0.59	0.77	0.52	0.44	0.34	0.35	0.30	0.54	1.13	1.08	1.28	0.98	0.87	0.99	0.69	0.51	0.45	0.44	0.39	0.46	0.43	0.35	0.24
	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	58.19	53.13	52.75	40.56	37.88	31.15	31.15	29.43	34.62	61.27	58.88	61.49	51.88	43.45	48.00	34.95	31.18	33.97	37.64	42.45	56.55	44.70	33.71	32.78
323833	1.09	1.02	0.94	0.75	0.75	0.67	0.73	0.79	0.86	1.70	2.04	1.97	1.75	1.42	1.62	1.27	1.15	1.15	1.13	1.28	1.69	1.31	1.03	0.96
	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	58.17	53.12	52.75	40.55	37.87	31.14	31.15	29.43	34.61	61.26	58.88	61.48	51.87	43.45	47.99	34.93	31.18	33.96	37.63	42.45	56.53	44.68	33.70	32.76
323834	1.08	1.01	0.93	0.74	0.73	0.66	0.73	0.79	0.85	1.69	2.03	1.96	1.74	1.42	1.60	1.25	1.14	1.14	1.12	1.27	1.67	1.29	1.02	0.94
	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	56.98	52.04	51.65	39.69	37.08	30.53	30.57	28.93	33.98	60.45	58.59	61.20	51.68	43.32	47.82	34.75	30.97	33.61	37.07	41.81	55.71	44.06	33.25	32.31
23571	-0.11	-0.08	-0.17	-0.11	-0.05	0.04	0.15	0.29	0.22	0.89	1.75	1.68	1.55	1.28	1.44	1.07	0.94	0.79	0.56	0.64	0.86	0.67	0.56	0.49
	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	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.98 0.22 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.55 0.00	43.32 1.28 0.00	47.82 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.79 0.00	37.07 0.56 0.00	41.81 0.64 0.00	55.71 0.86 0.00	44.06 0.67 0.00	33.25 0.56 0.00	32.31 0.49 0.00
ALBANY___3 23573	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.98 0.22 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.55 0.00	43.32 1.28 0.00	47.82 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.79 0.00	37.07 0.56 0.00	41.81 0.64 0.00	55.71 0.86 0.00	44.06 0.67 0.00	33.25 0.56 0.00	32.31 0.49 0.00
ALBANY___4 23574	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.98 0.22 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.55 0.00	43.32 1.28 0.00	47.82 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.79 0.00	37.07 0.56 0.00	41.81 0.64 0.00	55.71 0.86 0.00	44.06 0.67 0.00	33.25 0.56 0.00	32.31 0.49 0.00
ALBANY___LFGE 323615	57.60 0.50 0.00	52.59 0.47 0.00	52.19 0.37 0.00	40.11 0.31 0.00	37.46 0.33 0.00	30.83 0.35 0.00	30.87 0.45 0.00	29.19 0.55 0.00	34.32 0.56 0.00	60.99 1.43 0.00	58.94 2.09 0.00	61.54 2.02 0.00	51.93 1.80 0.00	43.55 1.51 0.00	48.10 1.71 0.00	34.94 1.26 0.00	31.15 1.11 0.00	33.87 1.04 0.00	37.39 0.88 0.00	42.19 1.02 0.00	56.21 1.35 0.00	44.43 1.05 0.00	33.52 0.84 0.00	32.58 0.76 0.00
ALCOA_PA_115KV_PL-6C 55860	57.87 0.77 0.00	52.80 0.68 0.00	52.67 0.85 0.00	40.38 0.58 0.00	37.63 0.50 0.00	30.87 0.38 0.00	30.82 0.39 0.00	28.99 0.35 0.00	34.36 0.60 0.00	60.82 1.25 0.00	58.04 1.20 0.00	60.92 1.39 0.00	51.16 1.03 0.00	42.95 0.92 0.00	47.43 1.04 0.00	34.41 0.73 0.00	30.61 0.57 0.00	33.34 0.52 0.00	37.02 0.51 0.00	41.64 0.47 0.00	55.42 0.56 0.00	43.87 0.49 0.00	33.06 0.38 0.00	32.07 0.25 0.00
ALCOA_RYNLDS___DRP 24188	57.87 0.77 0.00	52.80 0.68 0.00	52.67 0.85 0.00	40.38 0.58 0.00	37.63 0.50 0.00	30.87 0.38 0.00	30.82 0.39 0.00	28.99 0.35 0.00	34.36 0.60 0.00	60.82 1.25 0.00	58.04 1.20 0.00	60.92 1.39 0.00	51.16 1.03 0.00	42.95 0.92 0.00	47.43 1.04 0.00	34.41 0.73 0.00	30.61 0.57 0.00	33.34 0.52 0.00	37.02 0.51 0.00	41.64 0.47 0.00	55.42 0.56 0.00	43.87 0.49 0.00	33.06 0.38 0.00	32.07 0.25 0.00
ALCOA___DSASP 323711	57.87 0.77 0.00	52.80 0.68 0.00	52.67 0.85 0.00	40.38 0.58 0.00	37.63 0.50 0.00	30.87 0.38 0.00	30.82 0.39 0.00	28.99 0.35 0.00	34.37 0.61 0.00	60.82 1.25 0.00	58.04 1.20 0.00	60.92 1.39 0.00	51.17 1.03 0.00	42.95 0.92 0.00	47.43 1.04 0.00	34.41 0.73 0.00	30.61 0.57 0.00	33.35 0.52 0.00	37.02 0.51 0.00	41.64 0.47 0.00	55.42 0.55 0.00	43.87 0.49 0.00	33.07 0.38 0.00	32.07 0.25 0.00
ALLEGHENY___COGEN 23514	57.05 -0.05 0.00	51.93 -0.19 0.00	51.47 -0.35 0.00	39.50 -0.30 0.00	36.87 -0.26 0.00	30.21 -0.28 0.00	29.87 -0.55 0.00	30.65 -0.80 -2.81	33.27 -1.05 -0.55	56.94 -2.64 -0.01	52.07 -2.41 2.36	57.48 -2.05 0.00	47.46 -2.67 0.00	39.58 -2.45 0.00	43.80 -2.59 0.00	31.41 -2.27 0.00	41.59 -2.08 -13.64	54.22 -1.76 -23.16	50.33 -1.47 -15.28	46.84 -1.22 -6.88	84.60 -1.38 -31.12	65.09 -1.43 -23.14	37.73 -1.31 -6.36	48.83 -1.22 -18.23
ALTAMONT_115KV_TB 2 55880	57.74 0.64 0.00	52.72 0.60 0.00	52.35 0.53 0.00	40.24 0.44 0.00	37.58 0.45 0.00	30.89 0.40 0.00	30.88 0.46 0.00	29.17 0.53 0.00	34.37 0.61 0.00	60.75 1.18 0.00	58.19 1.35 0.00	60.83 1.30 0.00	51.34 1.20 0.00	43.01 0.97 0.00	47.50 1.11 0.00	34.51 0.83 0.00	30.79 0.76 0.00	33.61 0.79 0.00	37.28 0.77 0.00	42.06 0.89 0.00	56.06 1.20 0.00	44.32 0.93 0.00	33.41 0.73 0.00	32.49 0.67 0.00
ALTONA_WT_PWR 323606	57.66 0.57 0.00	52.44 0.32 0.00	52.62 0.81 0.00	40.47 0.66 0.00	37.88 0.75 0.00	31.14 0.65 0.00	31.17 0.75 0.00	29.30 0.66 0.00	34.68 0.92 0.00	61.42 1.86 0.00	58.65 1.81 0.00	61.54 2.02 0.00	51.85 1.71 0.00	43.28 1.25 0.00	47.55 1.17 0.00	34.42 0.74 0.00	30.80 0.77 0.00	33.40 0.58 0.00	36.85 0.34 0.00	41.49 0.32 0.00	54.73 -0.13 0.00	43.23 -0.16 0.00	32.64 -0.04 0.00	31.56 -0.26 0.00
AMERICAN_REF_FUEL 24010	53.41 -3.68 0.00	48.98 -3.13 0.00	48.78 -3.04 0.00	37.30 -2.50 0.00	34.67 -2.47 0.00	28.39 -2.10 0.00	27.98 -2.45 0.00	25.07 -2.94 0.63	30.14 -3.50 0.12	52.75 -6.81 0.00	49.12 -6.31 1.41	53.57 -5.96 0.00	44.79 -5.35 0.00	37.98 -4.05 0.00	41.75 -4.63 0.00	30.14 -3.53 0.00	23.63 -3.30 3.10	23.53 -3.74 5.54	29.32 -3.78 3.41	35.19 -4.44 1.54	42.19 -5.72 6.95	33.48 -4.74 5.17	27.66 -3.60 1.42	24.40 -3.35 4.07
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.93 -2.16 0.00	50.58 -1.54 0.00	50.17 -1.65 0.00	38.42 -1.39 0.00	35.73 -1.40 0.00	28.89 -1.60 0.00	28.08 -2.34 0.00	26.09 -2.28 0.27	30.99 -2.72 0.05	54.03 -5.53 0.00	48.75 -6.33 1.76	53.39 -6.13 0.00	44.92 -5.22 0.00	37.88 -4.16 0.00	41.50 -4.88 0.00	30.20 -3.48 0.00	25.43 -3.23 1.38	26.73 -3.46 2.63	31.84 -3.19 1.48	36.66 -3.84 0.67	46.77 -5.07 3.02	36.60 -4.54 2.25	28.39 -3.68 0.62	26.44 -3.61 1.77
ARTHUR KILL_GT_1 23520	58.97 1.87 0.00	53.93 1.81 0.00	53.17 1.35 0.00	43.13 1.28 -2.05	38.67 1.23 -0.31	57.97 1.01 -26.47	44.94 1.17 -13.34	45.36 1.34 -15.38	52.36 1.63 -16.96	76.22 3.09 -13.57	59.60 2.75 -0.01	62.39 2.86 -0.01	56.13 2.58 -3.42	46.72 1.99 -2.70	49.36 2.25 -0.73	45.46 1.72 -10.07	45.44 1.57 -13.83	45.62 1.81 -11.00	46.32 2.07 -7.74	46.95 2.53 -3.24	58.02 3.16 0.00	60.54 2.42 -14.73	46.95 1.84 -12.43	46.30 1.67 -12.81
ARTHUR_KILL_2 23512	58.81 1.72 0.00	53.81 1.69 0.00	53.05 1.22 0.00	43.03 1.18 -2.05	38.59 1.15 -0.31	57.90 0.94 -26.47	44.87 1.11 -13.34	45.29 1.26 -15.38	52.28 1.55 -16.96	76.07 2.93 -13.57	59.45 2.61 -0.01	62.24 2.71 -0.01	56.01 2.46 -3.42	46.62 1.89 -2.70	49.24 2.12 -0.73	45.38 1.64 -10.07	45.37 1.50 -13.83	45.54 1.73 -11.00	46.22 1.97 -7.74	46.83 2.42 -3.24	57.85 3.00 0.00	60.41 2.30 -14.73	46.87 1.76 -12.43	46.22 1.59 -12.81
ARTHUR_KILL_3 23513	58.42 1.32 0.00	53.42 1.31 0.00	52.69 0.87 0.00	40.51 0.70 0.00	37.86 0.73 0.00	57.58 0.61 -26.47	44.58 0.81 -13.35	45.05 1.02 -15.39	52.02 1.29 -16.97	75.64 2.50 -13.57	58.93 2.08 0.00	61.58 2.06 0.00	52.13 1.99 0.00	44.13 1.49 -0.61	48.60 1.67 -0.55	41.38 1.29 -6.41	45.02 1.14 -13.84	45.19 1.37 -11.00	45.86 1.62 -7.73	46.62 2.18 -3.26	57.68 2.82 0.00	57.23 2.05 -11.79	46.63 1.51 -12.44	45.95 1.32 -12.82

ARTHUR_KILL_COGEN 323718	58.97 1.87 0.00	53.93 1.81 0.00	53.17 1.35 0.00	43.13 1.28 -2.05	38.67 1.23 -0.31	57.97 1.01 -26.47	44.94 1.17 -13.34	45.36 1.34 -15.38	52.36 1.63 -16.96	76.22 3.09 -13.57	59.60 2.75 -0.01	62.39 2.86 -0.01	56.13 2.58 -3.42	46.72 1.99 -2.70	49.36 2.25 -0.73	45.46 1.72 -10.07	45.44 1.57 -13.83	45.62 1.81 -11.00	46.32 2.07 -7.74	46.95 2.53 -3.24	58.02 3.16 0.00	60.54 2.42 -14.73	46.95 1.84 -12.43	46.30 1.67 -12.81
ASHOKAN____ 23654	59.32 2.22 0.00	54.15 2.03 0.00	53.67 1.85 0.00	41.24 1.43 0.00	38.51 1.38 0.00	31.70 1.21 0.00	31.75 1.33 0.00	30.11 1.47 0.00	35.57 1.81 0.00	62.98 3.42 0.00	60.33 3.49 0.00	62.98 3.46 0.00	53.14 3.00 0.00	44.51 2.48 0.00	49.12 2.73 0.00	35.71 2.03 0.00	31.88 1.85 0.00	34.85 2.03 0.00	38.79 2.28 0.00	43.84 2.67 0.00	58.32 3.46 0.00	45.94 2.56 0.00	34.54 1.86 0.00	33.48 1.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	58.25 1.16 0.01	53.28 1.17 0.01	52.69 0.87 0.00	40.50 0.69 0.00	37.86 0.73 0.00	31.09 0.59 -0.01	31.29 0.86 0.00	29.75 1.11 0.01	35.17 1.41 0.00	62.26 2.70 0.01	59.19 2.36 0.01	61.90 2.38 0.00	52.37 2.24 0.01	43.66 1.63 0.01	48.17 1.79 0.01	35.05 1.37 0.00	31.24 1.21 0.01	35.42 1.42 -1.17	44.15 1.66 -5.98	43.32 2.16 0.01	63.33 2.74 -5.74	45.42 2.03 0.00	34.21 1.53 0.00	33.16 1.34 0.00
ASTORIA_EAST_ENERGY_CC2 323582	58.25 1.16 0.01	53.28 1.17 0.01	52.69 0.87 0.00	40.50 0.69 0.00	37.86 0.73 0.00	31.09 0.59 -0.01	31.29 0.86 0.00	29.75 1.11 0.01	35.17 1.41 0.00	62.26 2.70 0.01	59.19 2.36 0.01	61.90 2.38 0.00	52.37 2.24 0.01	43.66 1.63 0.01	48.17 1.79 0.01	35.05 1.37 0.00	31.24 1.21 0.01	35.42 1.42 -1.17	44.15 1.66 -5.98	43.32 2.16 0.01	63.33 2.74 -5.74	45.42 2.03 0.00	34.21 1.53 0.00	33.16 1.34 0.00
ASTORIA_GT2_1 24094	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT2_2 24095	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT2_3 24096	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT2_4 24097	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT3_1 24098	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT3_2 24099	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT3_3 24100	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT3_4 24101	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT4_1 24102	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT4_2 24103	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT4_3 24104	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00

ASTORIA_GT4_4 24105	58.30 1.20 0.00	53.31 1.20 0.00	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.11 0.61 -0.01	31.31 0.88 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.67 1.65 0.01	48.20 1.82 0.00	35.07 1.39 0.00	31.26 1.23 0.00	35.44 1.45 -1.18	44.23 1.74 -5.98	43.34 2.17 0.01	63.40 2.80 -5.74	45.45 2.06 0.00	34.22 1.54 0.00	33.18 1.37 0.00
ASTORIA_GT_1 23523	58.36 1.27 0.01	53.39 1.28 0.01	52.78 0.96 0.00	40.56 0.76 0.00	37.92 0.79 0.00	31.13 0.64 -0.01	31.34 0.91 0.00	29.79 1.16 0.01	35.23 1.47 0.00	62.37 2.81 0.01	59.29 2.45 0.01	61.99 2.47 0.00	52.47 2.34 0.01	43.74 1.72 0.01	48.26 1.88 0.01	35.10 1.43 0.00	31.29 1.27 0.01	35.48 1.48 -1.17	44.22 1.73 -5.98	43.41 2.24 0.01	63.44 2.84 -5.74	45.51 2.12 0.00	34.27 1.59 0.00	33.22 1.40 0.00
ASTORIA_GT_10 24110	58.88 1.78 0.00	53.86 1.74 0.00	53.19 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.17 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.45 1.94 0.00	51.04 2.51 -7.36	106.59 3.29 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
ASTORIA_GT_11 24225	58.88 1.78 0.00	53.86 1.74 0.00	53.19 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.17 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.45 1.94 0.00	51.04 2.51 -7.36	106.59 3.29 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
ASTORIA_GT_12 24226	58.88 1.78 0.00	53.86 1.74 0.00	53.19 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.17 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.45 1.94 0.00	51.04 2.51 -7.36	106.59 3.29 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
ASTORIA_GT_13 24227	58.88 1.78 0.00	53.86 1.74 0.00	53.19 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.17 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.45 1.94 0.00	51.04 2.51 -7.36	106.59 3.29 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
ASTORIA_GT_5 24106	58.37 1.27 0.00	53.39 1.28 0.00	52.78 0.96 0.00	40.56 0.76 0.00	37.92 0.79 0.00	31.14 0.65 -0.01	31.35 0.92 0.00	29.80 1.16 0.00	35.23 1.47 0.00	62.38 2.81 0.00	59.29 2.45 0.00	62.00 2.48 0.00	52.47 2.34 0.01	43.75 1.73 0.01	48.26 1.88 0.00	35.11 1.43 0.00	31.30 1.26 0.00	35.50 1.50 -1.18	44.28 1.79 -5.98	43.41 2.24 0.01	63.49 2.89 -5.74	45.52 2.14 0.00	34.27 1.59 0.00	33.23 1.41 0.00
ASTORIA_GT_7 24107	58.37 1.27 0.00	53.39 1.28 0.00	52.78 0.96 0.00	40.56 0.76 0.00	37.92 0.79 0.00	31.14 0.65 -0.01	31.35 0.92 0.00	29.80 1.16 0.00	35.23 1.47 0.00	62.38 2.81 0.00	59.29 2.45 0.00	62.00 2.48 0.00	52.47 2.34 0.01	43.75 1.73 0.01	48.26 1.88 0.00	35.11 1.43 0.00	31.30 1.26 0.00	35.50 1.50 -1.18	44.28 1.79 -5.98	43.41 2.24 0.01	63.49 2.89 -5.74	45.52 2.14 0.00	34.27 1.59 0.00	33.23 1.41 0.00
ASTORIA_GT_8 24108	58.37 1.27 0.00	53.39 1.28 0.00	52.78 0.96 0.00	40.56 0.76 0.00	37.92 0.79 0.00	31.14 0.65 -0.01	31.35 0.92 0.00	29.80 1.16 0.00	35.23 1.47 0.00	62.38 2.81 0.00	59.29 2.45 0.00	62.00 2.48 0.00	52.47 2.34 0.01	43.75 1.73 0.01	48.26 1.88 0.00	35.11 1.43 0.00	31.30 1.26 0.00	35.50 1.50 -1.18	44.28 1.79 -5.98	43.41 2.24 0.01	63.49 2.89 -5.74	45.52 2.14 0.00	34.27 1.59 0.00	33.23 1.41 0.00
ASTORIA___2 24149	58.29 1.20 0.01	53.31 1.20 0.01	52.72 0.90 0.00	40.52 0.72 0.00	37.88 0.75 0.00	31.10 0.61 -0.01	31.30 0.87 0.00	29.76 1.12 0.01	35.18 1.42 0.00	62.29 2.73 0.01	59.21 2.38 0.01	61.91 2.39 0.00	52.39 2.26 0.01	43.68 1.65 0.01	48.19 1.81 0.01	35.06 1.39 0.00	31.25 1.22 0.01	35.43 1.44 -1.17	44.16 1.68 -5.98	43.35 2.18 0.01	63.35 2.76 -5.74	45.44 2.05 0.00	34.22 1.54 0.00	33.18 1.36 0.00
ASTORIA___3 23516	58.88 1.78 0.00	53.85 1.74 0.00	53.19 1.37 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.52 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.11 1.96 -2.12	48.77 2.18 -0.21	39.19 1.64 -3.87	31.65 1.46 -0.16	34.50 1.67 0.00	38.44 1.93 0.00	51.05 2.52 -7.36	106.58 3.28 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.42 1.60 0.00
ASTORIA___4 23517	58.88 1.78 0.00	53.86 1.74 0.00	53.19 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.17 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.45 1.94 0.00	51.04 2.51 -7.36	106.59 3.29 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
ASTORIA___5 23518	58.88 1.78 0.00	53.85 1.74 0.00	53.19 1.37 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.69 0.91 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.33 1.57 0.00	62.59 3.02 0.00	59.52 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.11 1.96 -2.12	48.77 2.18 -0.21	39.19 1.64 -3.87	31.65 1.46 -0.16	34.50 1.67 0.00	38.44 1.93 0.00	51.05 2.52 -7.36	106.58 3.28 -48.44	51.64 2.43 -5.83	34.48 1.80 0.00	33.42 1.60 0.00
AST_ENERGY_2_CC3 323677	58.64 1.54 0.00	53.65 1.53 0.00	52.92 1.10 0.00	40.71 0.90 0.00	38.05 0.92 0.00	31.24 0.74 0.00	31.36 0.94 0.00	29.79 1.15 0.00	35.19 1.43 0.00	62.30 2.73 0.00	59.20 2.35 0.00	61.91 2.39 0.00	52.39 2.26 0.00	43.74 1.70 0.00	48.27 1.89 0.00	35.12 1.45 0.00	31.33 1.30 0.00	34.34 1.51 0.00	38.27 1.76 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.61 2.22 0.00	34.34 1.66 0.00	33.29 1.47 0.00
AST_ENERGY_2_CC4 323678	58.64 1.54 0.00	53.65 1.53 0.00	52.92 1.10 0.00	40.71 0.90 0.00	38.05 0.92 0.00	31.24 0.74 0.00	31.36 0.94 0.00	29.79 1.15 0.00	35.19 1.43 0.00	62.30 2.73 0.00	59.20 2.35 0.00	61.91 2.39 0.00	52.39 2.26 0.00	43.74 1.70 0.00	48.27 1.89 0.00	35.12 1.45 0.00	31.33 1.30 0.00	34.34 1.51 0.00	38.27 1.76 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.61 2.22 0.00	34.34 1.66 0.00	33.29 1.47 0.00

ATHENS_STG_1 23668	57.84 0.74 0.00	52.85 0.74 0.00	52.41 0.59 0.00	40.31 0.51 0.00	37.65 0.51 0.00	30.94 0.44 0.00	30.93 0.51 0.00	29.25 0.61 0.00	34.48 0.72 0.00	60.92 1.35 0.00	58.09 1.25 0.00	60.72 1.20 0.00	51.29 1.16 0.00	42.96 0.93 0.00	47.43 1.04 0.00	34.46 0.78 0.00	30.75 0.71 0.00	33.63 0.81 0.00	37.40 0.88 0.00	42.26 1.09 0.00	56.31 1.45 0.00	44.50 1.11 0.00	33.54 0.86 0.00	32.59 0.77 0.00
ATHENS_STG_2 23670	57.84 0.74 0.00	52.85 0.74 0.00	52.41 0.59 0.00	40.31 0.51 0.00	37.65 0.51 0.00	30.94 0.44 0.00	30.93 0.51 0.00	29.25 0.61 0.00	34.48 0.72 0.00	60.92 1.35 0.00	58.09 1.25 0.00	60.72 1.20 0.00	51.29 1.16 0.00	42.96 0.93 0.00	47.43 1.04 0.00	34.46 0.78 0.00	30.75 0.71 0.00	33.63 0.81 0.00	37.40 0.88 0.00	42.26 1.09 0.00	56.31 1.45 0.00	44.50 1.11 0.00	33.54 0.86 0.00	32.59 0.77 0.00
ATHENS_STG_3 23677	57.84 0.74 0.00	52.85 0.74 0.00	52.41 0.59 0.00	40.31 0.51 0.00	37.65 0.51 0.00	30.94 0.44 0.00	30.93 0.51 0.00	29.25 0.61 0.00	34.48 0.72 0.00	60.92 1.35 0.00	58.09 1.25 0.00	60.72 1.20 0.00	51.29 1.16 0.00	42.96 0.93 0.00	47.43 1.04 0.00	34.46 0.78 0.00	30.75 0.71 0.00	33.63 0.81 0.00	37.40 0.88 0.00	42.26 1.09 0.00	56.31 1.45 0.00	44.50 1.11 0.00	33.54 0.86 0.00	32.59 0.77 0.00
AUBURN___LFGE 323710	57.18 0.08 0.00	52.09 -0.03 0.00	51.75 -0.07 0.00	39.76 -0.05 0.00	37.08 -0.05 0.00	30.46 -0.03 0.00	30.35 -0.08 0.00	28.41 -0.22 0.00	33.28 -0.48 0.00	58.50 -1.07 0.00	56.44 -0.98 -0.58	58.58 -0.95 0.00	49.26 -0.87 0.00	41.30 -0.73 0.00	45.52 -0.86 0.00	33.00 -0.68 0.00	29.51 -0.54 -0.02	32.53 -0.40 -0.11	36.12 -0.39 0.00	40.72 -0.45 0.00	54.38 -0.48 0.00	42.95 -0.44 0.00	32.18 -0.51 0.00	31.50 -0.32 0.00
BABYLON_RES_REC 323704	58.59 1.49 0.00	54.28 2.16 0.00	53.31 1.49 0.00	40.92 1.12 0.00	38.20 1.07 0.00	31.14 0.65 0.00	31.19 0.77 0.00	29.60 0.96 0.00	35.10 1.34 0.00	62.24 2.68 0.00	59.00 2.16 0.00	61.56 2.04 0.00	52.30 2.16 0.00	43.77 1.73 0.00	48.61 2.22 -0.01	35.15 1.47 0.00	31.29 1.25 0.00	34.29 1.67 0.20	38.31 1.94 0.14	45.66 2.44 -2.05	70.59 3.38 -12.35	53.40 2.53 -7.49	39.33 1.95 -4.69	33.56 1.74 0.00
BABYLON___69_KV_BK2 356345	59.05 1.96 0.00	54.78 2.66 0.00	53.74 1.92 0.00	41.25 1.45 0.00	38.50 1.37 0.00	31.37 0.88 0.00	31.40 0.98 0.00	29.81 1.18 0.00	35.37 1.61 0.00	62.74 3.17 0.00	59.41 2.57 0.00	62.02 2.49 0.00	52.74 2.60 0.00	44.14 2.10 0.00	49.08 2.69 -0.01	35.46 1.78 0.00	31.55 1.51 0.00	34.51 1.97 0.28	38.19 2.22 0.54	46.00 2.83 -2.01	70.49 3.92 -11.71	53.69 2.97 -7.33	39.55 2.27 -4.59	33.87 2.05 0.00
BALL_HILL_WT_PWR 323825	54.88 -2.21 0.00	50.23 -1.89 0.00	49.80 -2.02 0.00	38.16 -1.64 0.00	35.49 -1.64 0.00	28.92 -1.57 0.00	28.33 -2.09 0.00	26.18 -2.06 0.40	31.19 -2.49 0.08	54.59 -4.97 0.00	49.78 -5.40 1.66	54.32 -5.21 0.00	45.51 -4.63 0.00	38.41 -3.63 0.00	42.16 -4.22 0.00	30.58 -3.10 0.00	25.21 -2.84 1.99	26.08 -3.07 3.67	31.54 -2.81 2.17	36.92 -3.28 0.98	46.17 -4.27 4.41	36.27 -3.83 3.28	28.67 -3.11 0.90	26.23 -3.00 2.59
BARON_WINDS___WT_PWR 323822	54.42 -2.68 0.00	49.46 -2.66 0.00	48.91 -2.91 0.00	37.83 -1.98 0.00	35.37 -1.76 0.00	28.96 -1.53 0.00	28.48 -1.94 0.00	19.98 -2.18 6.49	29.84 -2.64 1.28	54.78 -4.76 0.02	49.71 -4.17 2.96	55.21 -4.31 0.00	46.10 -4.03 0.00	38.59 -3.44 0.00	42.48 -3.90 0.00	30.30 -3.38 0.00	-4.79 -3.10 31.73	-25.39 -3.11 55.11	-1.82 -3.04 35.29	22.12 -3.15 15.90	-21.35 -4.35 71.86	-13.74 -3.68 53.44	15.04 -2.96 14.68	-13.11 -2.82 42.10
BARRETT_IC_1 23704	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT_IC_10 23701	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.90 2.33 0.00	58.71 1.86 -0.01	61.23 1.71 0.00	51.98 1.84 0.00	43.46 1.43 0.00	48.15 1.76 -0.01	34.89 1.21 0.00	31.10 1.06 0.00	-2.15 1.36 36.33	-141.98 1.53 180.03	50.01 2.04 -6.80	-75.57 2.68 133.11	64.34 2.03 -18.92	43.45 1.56 -9.21	33.30 1.47 -0.01
BARRETT_IC_11 23702	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.90 2.33 0.00	58.71 1.86 -0.01	61.23 1.71 0.00	51.98 1.84 0.00	43.46 1.43 0.00	48.15 1.76 -0.01	34.89 1.21 0.00	31.10 1.06 0.00	-2.15 1.36 36.33	-141.98 1.53 180.03	50.01 2.04 -6.80	-75.57 2.68 133.11	64.34 2.03 -18.92	43.45 1.56 -9.21	33.30 1.47 -0.01
BARRETT_IC_12 23703	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.90 2.33 0.00	58.71 1.86 -0.01	61.23 1.71 0.00	51.98 1.84 0.00	43.46 1.43 0.00	48.15 1.76 -0.01	34.89 1.21 0.00	31.10 1.06 0.00	-2.15 1.36 36.33	-141.98 1.53 180.03	50.01 2.04 -6.80	-75.57 2.68 133.11	64.34 2.03 -18.92	43.45 1.56 -9.21	33.30 1.47 -0.01
BARRETT_IC_2 23705	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT_IC_3 23706	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT_IC_4 23707	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03

BARRETT_IC_5 23708	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT_IC_6 23709	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT_IC_7 23710	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.91 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.74 1.84 -0.05	61.24 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.11 1.06 -0.01	52.05 1.36 -17.87	144.93 1.55 -106.87	63.53 2.04 -20.32	276.44 2.73 -218.86	97.17 2.04 -51.75	56.63 1.56 -22.39	33.33 1.48 -0.03
BARRETT_IC_8 23711	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT_IC_9 23700	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.90 2.33 0.00	58.71 1.86 -0.01	61.23 1.71 0.00	51.98 1.84 0.00	43.46 1.43 0.00	48.15 1.76 -0.01	34.89 1.21 0.00	31.10 1.06 0.00	-2.15 1.36 36.33	-141.98 1.53 180.03	50.01 2.04 -6.80	-75.57 2.68 133.11	64.34 2.03 -18.92	43.45 1.56 -9.21	33.30 1.47 -0.01
BARRETT___1 23545	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.92 2.33 -0.02	58.75 1.86 -0.05	61.23 1.71 0.00	52.00 1.84 -0.02	43.46 1.43 0.00	48.15 1.76 -0.01	34.90 1.21 -0.02	31.10 1.06 -0.01	52.05 1.36 -17.87	144.91 1.53 -106.87	63.53 2.04 -20.32	276.39 2.68 -218.86	97.17 2.03 -51.75	56.63 1.56 -22.39	33.32 1.47 -0.03
BARRETT___2 23546	58.29 1.19 0.00	53.89 1.77 0.00	53.01 1.19 0.00	40.71 0.90 0.00	37.97 0.84 0.00	31.01 0.51 0.00	31.05 0.62 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.90 2.33 0.00	58.71 1.86 -0.01	61.23 1.71 0.00	51.98 1.84 0.00	43.46 1.43 0.00	48.15 1.76 -0.01	34.89 1.21 0.00	31.10 1.06 0.00	-2.15 1.36 36.33	-141.98 1.53 180.03	50.01 2.04 -6.80	-75.57 2.68 133.11	64.34 2.03 -18.92	43.45 1.56 -9.21	33.30 1.47 -0.01
BATAVIA__115KV_TB1 55881	55.90 -1.20 0.00	51.12 -1.00 0.00	50.84 -0.97 0.00	38.88 -0.93 0.00	36.14 -0.99 0.00	29.66 -0.83 0.00	29.31 -1.11 0.00	26.64 -1.50 0.50	31.84 -1.82 0.10	55.80 -3.76 0.00	52.18 -3.44 1.22	56.39 -3.14 0.00	46.98 -3.15 0.00	39.67 -2.37 0.00	43.93 -2.45 0.00	31.67 -2.01 0.00	25.77 -1.81 2.45	26.39 -2.02 4.41	31.97 -1.84 2.70	37.75 -2.21 1.22	46.58 -2.78 5.50	36.83 -2.47 4.09	29.57 -1.99 1.12	26.73 -1.87 3.22
BAYONEEC___CTG1 323682	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG10 323750	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG2 323683	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG3 323684	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG4 323685	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG5 323686	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG6 323687	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00

BAYONEEC___CTG7 323688	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG8 323689	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BAYONEEC___CTG9 323749	58.66 1.56 0.00	53.64 1.52 0.00	52.92 1.10 0.00	40.70 0.90 0.00	38.03 0.90 0.00	31.23 0.74 0.00	31.35 0.93 0.00	29.77 1.13 0.00	35.19 1.43 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.87 2.35 0.00	52.34 2.21 0.00	43.71 1.68 0.00	48.26 1.88 0.00	35.11 1.43 0.00	31.31 1.28 0.00	34.33 1.50 0.00	38.26 1.75 0.00	43.48 2.31 0.00	57.84 2.99 0.00	45.60 2.21 0.00	34.32 1.64 0.00	33.27 1.44 0.00
BEACON___LESR 323632	57.95 0.85 0.00	52.97 0.85 0.00	52.43 0.61 0.00	40.27 0.47 0.00	37.60 0.46 0.00	30.99 0.50 0.00	31.06 0.64 0.00	29.46 0.82 0.00	34.56 0.81 0.00	61.55 1.99 0.00	59.40 2.55 0.00	61.83 2.31 0.00	52.25 2.11 0.00	43.74 1.71 0.00	48.35 1.96 0.00	35.09 1.41 0.00	31.26 1.23 0.00	34.08 1.25 0.00	37.70 1.19 0.00	42.54 1.36 0.00	56.73 1.87 0.00	44.79 1.40 0.00	33.73 1.05 0.00	32.75 0.93 0.00
BEAVER RIVER___HYD 24048	57.81 0.71 0.00	52.11 -0.01 0.00	52.18 0.36 0.00	40.17 0.37 0.00	37.48 0.35 0.00	30.45 -0.04 0.00	30.52 0.10 0.00	28.88 0.24 0.00	34.14 0.38 0.00	59.72 0.15 0.00	56.93 0.09 0.00	59.11 -0.41 0.00	49.05 -1.09 0.00	41.48 -0.55 0.00	45.88 -0.50 0.00	33.43 -0.25 0.00	29.88 -0.15 0.00	32.81 -0.01 0.00	36.49 -0.02 0.00	41.03 -0.14 0.00	54.72 -0.14 0.00	42.69 -0.70 0.00	31.80 -0.88 0.00	30.75 -1.07 0.00
BEEBEE_GT_13 23619	55.83 -1.27 0.00	50.96 -1.15 0.00	50.67 -1.15 0.00	38.80 -1.01 0.00	36.11 -1.02 0.00	29.62 -0.87 0.00	29.38 -1.05 0.00	27.40 -1.25 0.00	32.26 -1.51 0.00	56.52 -3.05 0.00	53.06 -2.86 0.92	56.87 -2.65 0.00	47.62 -2.52 0.00	40.18 -1.85 0.00	44.31 -2.07 0.00	32.05 -1.63 0.00	28.56 -1.45 0.03	31.05 -1.59 0.18	35.01 -1.50 0.00	39.38 -1.79 0.00	52.62 -2.24 0.00	41.45 -1.93 0.00	31.12 -1.56 0.00	30.39 -1.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.47 2.38 0.00	54.39 2.27 0.00	53.67 1.85 0.00	43.40 1.55 -2.05	38.89 1.45 -0.31	58.18 1.23 -26.47	45.16 1.39 -13.34	45.59 1.57 -15.38	52.66 1.94 -16.96	76.81 3.68 -13.57	60.15 3.30 -0.01	62.93 3.40 -0.01	56.64 3.08 -3.42	47.16 2.43 -2.70	49.81 2.69 -0.73	45.76 2.02 -10.07	45.69 1.82 -13.83	45.91 2.09 -11.00	47.05 2.41 -8.13	54.83 2.99 -10.67	107.12 3.80 -48.46	63.59 2.89 -17.31	47.26 2.15 -12.43	46.57 1.95 -12.81
BETHLEHEM___GRP 23843	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.98 0.22 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.55 0.00	43.32 1.28 0.00	47.82 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.79 0.00	37.07 0.56 0.00	41.81 0.64 0.00	55.71 0.86 0.00	44.06 0.67 0.00	33.25 0.56 0.00	32.31 0.49 0.00
BETHLEHEM___GS1 323560	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.97 0.21 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.54 0.00	43.32 1.29 0.00	47.83 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.78 0.00	37.07 0.56 0.00	41.81 0.63 0.00	55.71 0.86 0.00	44.05 0.66 0.00	33.25 0.56 0.00	32.31 0.49 0.00
BETHLEHEM___GS2 323561	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.97 0.21 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.54 0.00	43.32 1.29 0.00	47.83 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.78 0.00	37.07 0.56 0.00	41.81 0.63 0.00	55.71 0.86 0.00	44.05 0.66 0.00	33.25 0.56 0.00	32.31 0.49 0.00
BETHLEHEM___GS3 323562	56.98 -0.11 0.00	52.04 -0.08 0.00	51.65 -0.17 0.00	39.69 -0.11 0.00	37.08 -0.05 0.00	30.53 0.04 0.00	30.57 0.15 0.00	28.93 0.29 0.00	33.97 0.21 0.00	60.45 0.89 0.00	58.59 1.75 0.00	61.20 1.68 0.00	51.68 1.54 0.00	43.32 1.29 0.00	47.83 1.44 0.00	34.75 1.07 0.00	30.97 0.94 0.00	33.61 0.78 0.00	37.07 0.56 0.00	41.81 0.63 0.00	55.71 0.86 0.00	44.05 0.66 0.00	33.25 0.56 0.00	32.31 0.49 0.00
BETHLEHEM___STEEL 23779	54.79 -2.30 0.00	50.08 -2.04 0.00	49.84 -1.98 0.00	38.16 -1.64 0.00	35.47 -1.67 0.00	29.04 -1.45 0.00	28.61 -1.81 0.00	26.00 -2.14 0.50	31.13 -2.53 0.10	54.57 -5.00 0.00	50.51 -4.79 1.54	55.06 -4.47 0.00	46.05 -4.09 0.00	39.00 -3.04 0.00	42.90 -3.48 0.00	30.96 -2.72 0.00	25.00 -2.56 2.48	25.42 -2.90 4.50	31.06 -2.73 2.72	36.72 -3.23 1.22	45.15 -4.17 5.54	35.74 -3.53 4.12	28.80 -2.75 1.13	26.01 -2.56 3.24
BETHLHEM_115KV_TB1 79974	57.14 0.05 0.00	52.19 0.07 0.00	51.80 -0.02 0.00	39.81 0.01 0.00	37.19 0.06 0.00	30.61 0.12 0.00	30.64 0.22 0.00	28.97 0.33 0.00	34.06 0.30 0.00	60.54 0.97 0.00	58.52 1.67 0.00	61.12 1.60 0.00	51.59 1.46 0.00	43.25 1.22 0.00	47.74 1.36 0.00	34.69 1.01 0.00	30.93 0.89 0.00	33.60 0.78 0.00	37.10 0.59 0.00	41.86 0.69 0.00	55.78 0.92 0.00	44.10 0.72 0.00	33.28 0.60 0.00	32.35 0.53 0.00
BETHPAGE_CC_5 323564	58.65 1.55 0.00	54.26 2.14 0.00	53.32 1.50 0.00	40.95 1.14 0.00	38.22 1.09 0.00	31.21 0.72 0.00	31.27 0.84 0.00	29.67 1.03 0.00	35.17 1.40 0.00	62.36 2.80 0.00	59.15 2.31 0.00	61.71 2.18 0.00	52.42 2.29 0.00	43.85 1.81 0.00	48.65 2.26 -0.01	35.20 1.52 0.00	31.36 1.32 0.00	35.08 1.70 -0.56	42.81 1.98 -4.32	46.41 2.40 -2.84	79.34 3.31 -21.17	55.41 2.46 -9.56	40.25 1.93 -5.63	33.56 1.73 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.89 -2.20 0.00	50.13 -1.98 0.00	49.93 -1.89 0.00	38.24 -1.56 0.00	35.54 -1.59 0.00	29.10 -1.39 0.00	28.67 -1.76 0.00	26.11 -2.07 0.46	31.21 -2.46 0.09	54.75 -4.81 0.00	50.64 -4.62 1.59	55.19 -4.33 0.00	46.15 -3.99 0.00	39.07 -2.96 0.00	42.99 -3.39 0.00	31.01 -2.67 0.00	25.23 -2.52 2.29	25.82 -2.84 4.17	31.35 -2.66 2.50	36.91 -3.14 1.12	45.71 -4.06 5.09	36.16 -3.44 3.79	28.95 -2.70 1.04	26.32 -2.51 2.98

BINGHAMTON___COGEN 23790	56.45 -0.65 0.00	51.44 -0.68 0.00	50.97 -0.85 0.00	39.20 -0.61 0.00	36.54 -0.59 0.00	30.01 -0.47 0.00	29.87 -0.56 0.00	28.16 -0.48 0.00	33.12 -0.64 0.00	58.31 -1.26 0.00	54.69 -1.41 0.75	58.10 -1.42 0.00	48.88 -1.26 0.00	41.02 -1.02 0.00	45.19 -1.20 0.00	32.77 -0.91 0.00	29.23 -0.78 0.02	31.93 -0.75 0.14	35.92 -0.59 0.00	40.60 -0.57 0.00	54.10 -0.76 0.00	42.64 -0.74 0.00	32.02 -0.66 0.00	31.18 -0.64 0.00
BIXINCNT_115KV_LOAD 355685	54.65 -2.44 0.00	49.72 -2.40 0.00	50.08 -1.74 0.00	38.46 -1.34 0.00	35.79 -1.34 0.00	29.32 -1.17 0.00	28.66 -1.77 0.00	26.24 -2.18 0.22	31.23 -2.49 0.04	55.24 -4.33 0.00	50.79 -4.23 1.82	55.00 -4.52 0.00	45.60 -4.53 0.00	38.52 -3.51 0.00	42.48 -3.91 0.00	30.45 -3.23 0.00	25.76 -3.16 1.11	27.18 -3.47 2.17	32.21 -3.12 1.18	37.13 -3.51 0.53	47.99 -4.47 2.40	37.79 -3.82 1.79	29.15 -3.04 0.49	27.61 -2.80 1.41
BLACK RIVER___HYD 24047	58.22 1.12 0.00	52.38 0.26 0.00	52.41 0.59 0.00	40.35 0.55 0.00	37.66 0.53 0.00	30.58 0.09 0.00	30.65 0.22 0.00	29.00 0.36 0.00	34.25 0.49 0.00	59.80 0.23 0.00	56.92 0.08 0.00	58.73 -0.80 0.00	48.79 -1.34 0.00	41.48 -0.56 0.00	45.87 -0.51 0.00	33.47 -0.21 0.00	30.01 -0.02 0.00	33.00 0.18 0.00	36.67 0.16 0.00	41.31 0.14 0.00	55.08 0.22 0.00	42.82 -0.57 0.00	31.81 -0.87 0.00	30.77 -1.05 0.00
BLACKRVR_115KV_TB2 79977	58.22 1.12 0.00	52.38 0.26 0.00	52.41 0.59 0.00	40.35 0.55 0.00	37.66 0.53 0.00	30.58 0.09 0.00	30.65 0.22 0.00	29.00 0.36 0.00	34.25 0.49 0.00	59.79 0.23 0.00	56.92 0.08 0.00	58.72 -0.79 0.00	48.79 -1.34 0.00	41.48 -0.56 0.00	45.87 -0.51 0.00	33.47 -0.21 0.00	30.01 -0.02 0.00	33.00 0.18 0.00	36.67 0.16 0.00	41.31 0.14 0.00	55.08 0.22 0.00	42.81 -0.57 0.00	31.81 -0.87 0.00	30.77 -1.06 0.00
BLISS_WT_PWR 323608	54.48 -2.62 0.00	49.52 -2.60 0.00	50.07 -1.75 0.00	38.49 -1.32 0.00	35.82 -1.31 0.00	29.34 -1.15 0.00	28.60 -1.82 0.00	26.13 -2.30 0.22	31.11 -2.61 0.04	55.15 -4.42 0.00	50.74 -4.29 1.82	54.80 -4.73 0.00	45.37 -4.76 0.00	38.32 -3.71 0.00	42.26 -4.12 0.00	30.26 -3.42 0.00	25.56 -3.36 1.11	26.97 -3.68 2.17	31.99 -3.33 1.18	36.90 -3.74 0.53	47.74 -4.72 2.40	37.56 -4.04 1.79	28.95 -3.24 0.49	27.46 -2.96 1.41
BLUESTONE___WT_PWR 323821	56.89 -0.21 0.00	51.15 -0.97 0.00	50.45 -1.37 0.00	38.23 -1.57 0.00	35.59 -1.54 0.00	29.18 -1.31 0.00	29.21 -1.21 0.00	27.57 -1.07 0.00	32.49 -1.28 0.00	57.48 -2.08 0.00	55.48 -2.20 -0.84	57.18 -2.34 0.00	48.41 -1.72 0.00	40.74 -1.29 0.00	44.63 -1.75 0.00	32.20 -1.48 0.00	28.72 -1.33 -0.02	31.47 -1.51 -0.16	35.10 -1.41 0.00	39.77 -1.40 0.00	52.82 -2.04 0.00	41.58 -1.81 0.00	31.19 -1.49 0.00	30.43 -1.39 0.00
BLUE_CIRC_CHEM_DRP 24182	57.84 0.74 0.00	52.82 0.70 0.00	52.45 0.63 0.00	40.33 0.52 0.00	37.67 0.54 0.00	30.98 0.49 0.00	30.97 0.54 0.00	29.25 0.61 0.00	34.41 0.65 0.00	60.89 1.33 0.00	58.51 1.66 0.00	61.12 1.60 0.00	51.59 1.45 0.00	43.23 1.19 0.00	47.73 1.35 0.00	34.72 1.04 0.00	30.97 0.93 0.00	33.74 0.92 0.00	37.37 0.86 0.00	42.14 0.97 0.00	56.16 1.30 0.00	44.40 1.02 0.00	33.50 0.82 0.00	32.59 0.76 0.00
BOC_GAS_DRP 24189	57.50 0.40 0.00	52.51 0.39 0.00	52.13 0.31 0.00	40.09 0.28 0.00	37.44 0.31 0.00	30.78 0.29 0.00	30.77 0.34 0.00	29.07 0.43 0.00	34.23 0.47 0.00	60.55 0.98 0.00	58.03 1.19 0.00	60.65 1.13 0.00	51.20 1.06 0.00	42.92 0.88 0.00	47.37 0.98 0.00	34.42 0.74 0.00	30.70 0.66 0.00	33.49 0.67 0.00	37.14 0.63 0.00	41.91 0.74 0.00	55.86 1.00 0.00	44.17 0.78 0.00	33.31 0.63 0.00	32.39 0.57 0.00
BOONVILLE_115KV_TB1 79983	58.19 1.09 0.00	52.78 0.67 0.00	52.61 0.79 0.00	40.46 0.66 0.00	37.75 0.61 0.00	30.85 0.36 0.00	30.86 0.44 0.00	29.14 0.50 0.00	34.38 0.62 0.00	60.42 0.85 0.00	57.66 0.82 0.00	60.15 0.63 0.00	50.32 0.19 0.00	42.31 0.28 0.00	46.72 0.33 0.00	33.99 0.32 0.00	30.36 0.32 0.00	33.28 0.46 0.00	37.05 0.54 0.00	41.72 0.55 0.00	55.63 0.77 0.00	43.68 0.29 0.00	32.69 0.01 0.00	31.72 -0.11 0.00
BORALEX_4TH_BRANCH 23824	59.17 2.08 0.00	53.99 1.87 0.00	53.63 1.81 0.00	41.09 1.29 0.00	38.41 1.28 0.00	31.61 1.12 0.00	31.55 1.13 0.00	29.92 1.28 0.00	35.28 1.52 0.00	61.98 2.42 0.00	58.99 2.15 0.00	61.47 1.95 0.00	52.01 1.88 0.00	43.65 1.62 0.00	48.21 1.82 0.00	34.97 1.29 0.00	31.25 1.21 0.00	34.21 1.38 0.00	37.80 1.29 0.00	42.58 1.41 0.00	56.86 2.00 0.00	45.04 1.65 0.00	34.16 1.48 0.00	33.21 1.39 0.00
BOWLINE___1 23526	58.15 1.06 0.00	53.18 1.06 0.00	52.49 0.67 0.00	40.30 0.50 0.00	37.64 0.51 0.00	30.92 0.43 0.00	31.02 0.60 0.00	29.43 0.79 0.00	34.77 1.01 0.00	61.51 1.95 0.00	58.45 1.61 0.00	61.10 1.58 0.00	51.67 1.53 0.00	43.20 1.17 0.00	47.70 1.32 0.00	34.67 0.99 0.00	30.93 0.90 0.00	33.91 1.08 0.00	37.83 1.32 0.00	42.93 1.75 0.00	57.22 2.36 0.00	45.07 1.68 0.00	33.90 1.22 0.00	32.89 1.07 0.00
BOWLINE___2 23595	58.15 1.06 0.00	53.18 1.06 0.00	52.49 0.67 0.00	40.30 0.50 0.00	37.64 0.51 0.00	30.92 0.43 0.00	31.03 0.60 0.00	29.43 0.79 0.00	34.77 1.01 0.00	61.51 1.95 0.00	58.45 1.61 0.00	61.10 1.58 0.00	51.67 1.53 0.00	43.21 1.18 0.00	47.70 1.32 0.00	34.67 0.99 0.00	30.93 0.90 0.00	33.91 1.08 0.00	37.83 1.32 0.00	42.93 1.75 0.00	57.22 2.36 0.00	45.07 1.68 0.00	33.90 1.22 0.00	32.89 1.07 0.00
BRADY___115KV_TB2 356060	58.32 1.22 0.00	53.18 1.06 0.00	53.05 1.23 0.00	40.67 0.87 0.00	37.91 0.78 0.00	31.09 0.60 0.00	31.06 0.64 0.00	29.23 0.59 0.00	34.69 0.94 0.00	61.41 1.85 0.00	58.55 1.71 0.00	61.39 1.87 0.00	51.37 1.24 0.00	43.14 1.11 0.00	47.70 1.31 0.00	34.63 0.95 0.00	30.85 0.81 0.00	33.66 0.84 0.00	37.41 0.90 0.00	42.07 0.90 0.00	55.98 1.12 0.00	44.24 0.86 0.00	33.32 0.64 0.00	32.28 0.46 0.00
BRANSCOMB___SOLAR 323811	59.29 2.19 0.00	54.02 1.90 0.00	53.65 1.83 0.00	41.16 1.36 0.00	38.44 1.31 0.00	31.62 1.13 0.00	31.63 1.20 0.00	29.93 1.29 0.00	35.30 1.54 0.00	62.11 2.55 0.00	59.26 2.42 0.00	61.89 2.36 0.00	52.27 2.13 0.00	43.85 1.82 0.00	48.41 2.03 0.00	35.14 1.47 0.00	31.41 1.37 0.00	34.42 1.60 0.00	38.19 1.68 0.00	43.04 1.87 0.00	57.40 2.54 0.00	45.38 1.99 0.00	34.11 1.43 0.00	33.12 1.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	58.69 1.59 0.00	54.52 2.40 0.00	53.51 1.69 0.00	41.07 1.26 0.00	38.33 1.20 0.00	31.20 0.71 0.00	31.23 0.81 0.00	29.63 0.99 0.00	35.15 1.39 0.00	62.33 2.76 0.00	58.89 2.04 0.00	61.41 1.89 0.00	52.35 2.22 0.00	43.82 1.79 0.00	48.78 2.39 0.00	35.21 1.53 0.00	31.35 1.31 0.00	33.40 1.70 1.12	32.84 1.85 5.52	44.74 2.44 -1.13	60.23 3.50 -1.87	51.05 2.66 -5.01	38.26 2.04 -3.53	33.68 1.86 0.00

BRISTLHL_115KV_TB1 79998	56.11 -0.99 0.00	51.19 -0.92 0.00	50.85 -0.97 0.00	39.05 -0.76 0.00	36.42 -0.71 0.00	29.90 -0.59 0.00	29.80 -0.62 0.00	27.96 -0.68 0.00	32.82 -0.94 0.00	57.76 -1.81 0.00	55.05 -1.79 0.00	57.68 -1.84 0.00	48.45 -1.68 0.00	40.63 -1.40 0.00	44.79 -1.59 0.00	32.56 -1.12 0.00	29.11 -0.92 0.00	31.89 -0.93 0.00	35.55 -0.96 0.00	40.09 -1.09 0.00	53.41 -1.45 0.00	42.24 -1.15 0.00	31.78 -0.90 0.00	31.06 -0.76 0.00
BROOKHAVEN___DRP 24191	57.94 0.84 0.00	54.34 2.22 0.00	53.10 1.28 0.00	40.73 0.93 0.00	38.03 0.90 0.00	30.74 0.25 0.00	30.71 0.29 0.00	29.18 0.54 0.00	34.58 0.82 0.00	61.42 1.86 0.00	58.02 1.18 0.00	60.62 1.10 0.00	51.56 1.43 0.00	43.20 1.17 0.00	48.52 2.13 0.00	34.93 1.25 0.00	31.00 0.97 0.00	32.94 1.50 1.39	30.96 1.49 7.04	44.06 2.00 -0.88	56.70 2.82 0.98	50.03 2.27 -4.37	37.74 1.82 -3.24	33.51 1.69 0.00
BROOKLYN_NAVY_YARD 23515	58.62 1.52 0.00	53.61 1.50 0.00	52.90 1.08 0.00	40.66 0.85 0.00	37.99 0.86 0.00	31.21 0.72 0.00	31.39 0.96 0.00	29.81 1.18 0.00	35.25 1.49 0.00	62.37 2.80 0.00	59.26 2.42 0.00	61.96 2.44 0.00	52.43 2.30 0.00	43.75 1.72 0.00	48.32 1.93 0.00	35.14 1.46 0.00	31.34 1.30 0.00	35.87 1.52 -1.53	46.06 1.76 -7.79	43.47 2.30 0.00	65.29 2.96 -7.47	45.61 2.22 0.00	34.32 1.64 0.00	33.27 1.45 0.00
BROOKLYN___ARMY_DRP 323595	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
BROOKVLE_69_KV_TB1 55790	58.95 1.86 0.00	54.27 2.15 0.00	53.45 1.63 0.00	41.05 1.25 0.00	38.33 1.20 0.00	31.37 0.88 0.00	31.46 1.04 0.00	29.87 1.23 0.00	35.36 1.60 0.00	62.64 3.08 0.00	59.48 2.63 -0.01	62.14 2.61 0.00	52.65 2.51 0.00	44.02 1.99 0.00	48.73 2.34 -0.01	35.33 1.65 0.00	31.50 1.47 0.00	37.70 1.79 -3.09	57.18 2.06 -18.61	48.70 2.58 -4.94	105.55 3.49 -47.20	61.68 2.59 -15.71	43.42 1.95 -8.79	33.59 1.77 0.00
BROOME_2_LFGE 323671	56.45 -0.65 0.00	51.45 -0.67 0.00	50.97 -0.85 0.00	39.19 -0.61 0.00	36.54 -0.59 0.00	30.01 -0.48 0.00	29.86 -0.56 0.00	28.16 -0.48 0.00	33.13 -0.63 0.00	58.30 -1.27 0.00	54.69 -1.41 0.75	58.10 -1.42 0.00	48.88 -1.26 0.00	41.02 -1.02 0.00	45.19 -1.20 0.00	32.77 -0.91 0.00	29.23 -0.78 0.02	31.93 -0.75 0.14	35.92 -0.60 0.00	40.60 -0.58 0.00	54.10 -0.76 0.00	42.65 -0.74 0.00	32.02 -0.66 0.00	31.18 -0.64 0.00
BROOME___LFGE 323600	56.45 -0.65 0.00	51.45 -0.67 0.00	50.97 -0.85 0.00	39.19 -0.61 0.00	36.54 -0.59 0.00	30.01 -0.48 0.00	29.86 -0.56 0.00	28.16 -0.48 0.00	33.13 -0.63 0.00	58.30 -1.27 0.00	54.69 -1.41 0.75	58.10 -1.42 0.00	48.88 -1.26 0.00	41.02 -1.02 0.00	45.19 -1.20 0.00	32.77 -0.91 0.00	29.23 -0.78 0.02	31.93 -0.75 0.14	35.92 -0.60 0.00	40.60 -0.58 0.00	54.10 -0.76 0.00	42.65 -0.74 0.00	32.02 -0.66 0.00	31.18 -0.64 0.00
BROWNFLS_115KV_TB_3_5 80003	57.02 -0.08 0.00	51.63 -0.49 0.00	51.64 -0.18 0.00	39.69 -0.12 0.00	37.02 -0.11 0.00	30.19 -0.30 0.00	30.23 -0.19 0.00	28.54 -0.10 0.00	33.80 0.04 0.00	59.45 -0.11 0.00	56.69 -0.15 0.00	59.11 -0.41 0.00	49.25 -0.89 0.00	41.52 -0.52 0.00	45.87 -0.51 0.00	33.37 -0.31 0.00	29.77 -0.26 0.00	32.59 -0.23 0.00	36.21 -0.30 0.00	40.70 -0.47 0.00	54.21 -0.65 0.00	42.46 -0.92 0.00	31.78 -0.90 0.00	30.74 -1.08 0.00
BROWNSV1_27_KV_LOAD 356125	59.21 2.12 0.00	54.14 2.02 0.00	53.41 1.60 0.00	41.07 1.27 0.00	38.37 1.24 0.00	31.51 1.02 0.00	31.63 1.21 0.00	30.04 1.41 0.00	35.52 1.76 0.00	62.91 3.34 0.00	59.80 2.96 0.00	62.51 2.99 0.00	52.90 2.76 0.00	44.18 2.14 0.00	48.78 2.39 0.00	35.48 1.80 0.00	31.63 1.60 0.00	34.67 1.85 0.00	38.65 2.14 0.00	43.93 2.76 0.00	58.46 3.60 0.00	46.08 2.69 0.00	34.67 1.98 0.00	33.59 1.77 0.00
BURROWS___LYONSDAL 23803	58.07 0.97 0.00	52.56 0.44 0.00	52.47 0.65 0.00	40.37 0.57 0.00	37.66 0.53 0.00	30.72 0.23 0.00	30.75 0.33 0.00	29.07 0.42 0.00	34.31 0.55 0.00	60.18 0.61 0.00	57.43 0.59 0.00	59.85 0.33 0.00	49.91 -0.22 0.00	42.04 0.01 0.00	46.42 0.04 0.00	33.80 0.13 0.00	30.18 0.15 0.00	33.11 0.29 0.00	36.86 0.35 0.00	41.47 0.30 0.00	55.33 0.47 0.00	43.36 -0.03 0.00	32.40 -0.28 0.00	31.40 -0.42 0.00
CAITHNESS_CC_1 323624	57.95 0.86 0.00	54.24 2.12 0.00	53.05 1.23 0.00	40.70 0.89 0.00	38.00 0.87 0.00	30.77 0.28 0.00	30.75 0.33 0.00	29.20 0.57 0.00	34.61 0.85 0.00	61.48 1.91 0.00	58.09 1.25 0.00	60.67 1.14 0.00	51.59 1.46 0.00	43.23 1.20 0.00	48.46 2.07 0.00	34.90 1.22 0.00	31.00 0.96 0.00	32.87 1.44 1.39	30.94 1.50 7.07	44.05 1.99 -0.88	56.62 2.80 1.04	49.97 2.23 -4.35	37.70 1.79 -3.23	33.45 1.63 0.00
CALPINE BETH_PAGE_GT4 24209	58.63 1.54 0.00	54.22 2.10 0.00	53.30 1.48 0.00	40.93 1.13 0.00	38.21 1.08 0.00	31.20 0.71 0.00	31.27 0.84 0.00	29.67 1.03 0.00	35.17 1.41 0.00	62.35 2.78 0.00	59.14 2.30 -0.01	61.69 2.17 0.00	52.40 2.27 0.00	43.84 1.81 0.00	48.62 2.23 -0.01	35.18 1.50 0.00	31.36 1.32 0.00	35.81 1.70 -1.28	46.98 1.94 -8.53	47.02 2.30 -3.54	87.33 3.19 -29.27	57.21 2.38 -11.45	41.10 1.92 -6.50	33.54 1.72 0.00
CALPINE_BETH_PAGE_GT_4 323586	58.63 1.54 0.00	54.22 2.11 0.00	53.30 1.48 0.00	40.93 1.13 0.00	38.21 1.08 0.00	31.20 0.71 0.00	31.27 0.84 0.00	29.66 1.03 0.00	35.16 1.40 0.00	62.35 2.78 0.00	59.16 2.31 -0.01	61.69 2.17 0.00	52.40 2.27 0.00	43.84 1.81 0.00	48.62 2.23 -0.01	35.18 1.50 0.00	31.36 1.32 0.00	35.80 1.69 -1.28	47.00 1.95 -8.53	47.02 2.31 -3.54	87.32 3.19 -29.27	57.21 2.38 -11.45	41.10 1.92 -6.50	33.54 1.72 0.00
CALPINE_BP_GT1 23823	58.63 1.54 0.00	54.22 2.11 0.00	53.30 1.48 0.00	40.93 1.13 0.00	38.21 1.08 0.00	31.20 0.71 0.00	31.27 0.84 0.00	29.66 1.03 0.00	35.16 1.40 0.00	62.35 2.78 0.00	59.16 2.31 -0.01	61.69 2.17 0.00	52.40 2.27 0.00	43.84 1.81 0.00	48.62 2.23 -0.01	35.18 1.50 0.00	31.36 1.32 0.00	35.80 1.69 -1.28	47.00 1.95 -8.53	47.02 2.31 -3.54	87.32 3.19 -29.27	57.21 2.38 -11.45	41.10 1.92 -6.50	33.54 1.72 0.00
CALSPAN___DRP 24200	54.79 -2.30 0.00	50.08 -2.04 0.00	49.84 -1.98 0.00	38.16 -1.64 0.00	35.47 -1.67 0.00	29.04 -1.45 0.00	28.61 -1.81 0.00	26.00 -2.14 0.50	31.13 -2.53 0.10	54.57 -5.00 0.00	50.51 -4.79 1.54	55.06 -4.47 0.00	46.05 -4.09 0.00	39.00 -3.04 0.00	42.90 -3.48 0.00	30.96 -2.72 0.00	25.00 -2.56 2.48	25.42 -2.90 4.50	31.06 -2.73 2.72	36.72 -3.23 1.22	45.15 -4.17 5.54	35.74 -3.53 4.12	28.80 -2.75 1.13	26.01 -2.56 3.24

CALVERTON___SOLAR 323806	57.95 0.85 0.00	54.45 2.33 0.00	53.19 1.37 0.00	40.78 0.97 0.00	38.07 0.94 0.00	30.74 0.25 0.00	30.69 0.27 0.00	29.16 0.52 0.00	34.56 0.80 0.00	61.42 1.85 0.00	58.02 1.18 0.00	60.63 1.11 0.00	51.58 1.44 0.00	43.20 1.17 0.00	48.62 2.23 0.00	34.97 1.29 0.00	31.04 1.01 0.00	32.99 1.55 1.39	31.01 1.54 7.03	44.12 2.06 -0.89	56.80 2.90 0.96	50.11 2.36 -4.37	37.82 1.89 -3.24	33.57 1.76 0.00
CANDIGU_WT_PWR 323617	54.42 -2.68 0.00	49.46 -2.66 0.00	48.91 -2.91 0.00	37.83 -1.98 0.00	35.37 -1.76 0.00	28.96 -1.53 0.00	28.48 -1.94 0.00	19.98 -2.18 6.49	29.84 -2.64 1.28	54.78 -4.76 0.02	49.71 -4.17 2.96	55.21 -4.31 0.00	46.10 -4.03 0.00	38.59 -3.44 0.00	42.48 -3.90 0.00	30.30 -3.38 0.00	-4.79 -3.10 31.73	-25.39 -3.11 55.11	-1.82 -3.04 35.29	22.12 -3.15 15.90	-21.35 -4.35 71.86	-13.74 -3.68 53.44	15.04 -2.96 14.68	-13.11 -2.82 42.10
CARR STREET_E_SYR 24060	56.55 -0.54 0.00	51.59 -0.53 0.00	51.23 -0.59 0.00	39.34 -0.46 0.00	36.69 -0.44 0.00	30.13 -0.36 0.00	30.02 -0.40 0.00	28.18 -0.46 0.00	33.09 -0.67 0.00	58.22 -1.35 0.00	55.48 -1.36 0.00	58.13 -1.39 0.00	48.90 -1.23 0.00	41.01 -1.02 0.00	45.22 -1.16 0.00	32.84 -0.84 0.00	29.33 -0.70 0.00	32.13 -0.70 0.00	35.83 -0.67 0.00	40.41 -0.76 0.00	53.86 -1.00 0.00	42.59 -0.80 0.00	32.03 -0.65 0.00	31.29 -0.53 0.00
CARTHAGE___PAPER 23857	58.44 1.34 0.00	52.62 0.50 0.00	52.69 0.87 0.00	40.56 0.76 0.00	37.85 0.71 0.00	30.75 0.26 0.00	30.82 0.40 0.00	29.17 0.53 0.00	34.48 0.72 0.00	60.24 0.67 0.00	57.41 0.56 0.00	59.47 -0.06 0.00	49.32 -0.82 0.00	41.81 -0.22 0.00	46.29 -0.09 0.00	33.73 0.05 0.00	30.22 0.18 0.00	33.20 0.37 0.00	36.91 0.40 0.00	41.53 0.36 0.00	55.37 0.51 0.00	43.11 -0.28 0.00	32.08 -0.61 0.00	31.01 -0.81 0.00
CASSADAGA_WT_PWR 323784	54.78 -2.32 0.00	50.79 -1.33 0.00	50.41 -1.41 0.00	38.62 -1.19 0.00	35.94 -1.19 0.00	29.00 -1.49 0.00	28.17 -2.25 0.00	26.19 -2.21 0.24	31.19 -2.52 0.05	54.38 -5.19 0.00	48.91 -6.14 1.79	53.45 -6.07 0.00	45.01 -5.13 0.00	37.90 -4.13 0.00	41.54 -4.85 0.00	30.20 -3.48 0.00	25.59 -3.24 1.20	27.08 -3.41 2.34	32.12 -3.11 1.29	36.84 -3.75 0.58	47.20 -5.04 2.62	36.89 -4.54 1.95	28.45 -3.70 0.54	26.61 -3.67 1.54
CE_DUNWOOD___DRP 24194	58.57 1.47 0.00	53.58 1.47 0.00	52.92 1.10 0.00	40.66 0.85 0.00	37.98 0.84 0.00	31.18 0.69 0.00	31.30 0.87 0.00	29.70 1.06 0.00	35.08 1.32 0.00	62.08 2.52 0.00	59.02 2.18 0.00	61.69 2.17 0.00	52.19 2.06 0.00	43.62 1.59 0.00	48.17 1.79 0.00	35.01 1.33 0.00	31.24 1.20 0.00	34.24 1.41 0.00	38.15 1.64 0.00	43.29 2.11 0.00	57.66 2.80 0.00	45.45 2.06 0.00	34.22 1.53 0.00	33.18 1.36 0.00
CE_MILLWOOD___DRP 24193	58.40 1.30 0.00	53.42 1.30 0.00	52.75 0.93 0.00	40.52 0.72 0.00	37.85 0.72 0.00	31.09 0.60 0.00	31.18 0.76 0.00	29.59 0.95 0.00	34.96 1.20 0.00	61.84 2.28 0.00	58.79 1.94 0.00	61.46 1.93 0.00	51.97 1.84 0.00	43.46 1.43 0.00	47.99 1.60 0.00	34.87 1.20 0.00	31.12 1.09 0.00	34.11 1.29 0.00	38.01 1.51 0.00	43.13 1.96 0.00	57.46 2.60 0.00	45.29 1.90 0.00	34.09 1.40 0.00	33.06 1.24 0.00
CE_NYC2_DRP 24202	58.89 1.80 0.00	53.87 1.74 0.00	53.19 1.37 0.00	41.82 1.13 -0.88	38.25 1.11 -0.01	32.70 0.92 -1.30	31.72 1.08 -0.21	30.22 1.27 -0.31	35.35 1.59 0.00	62.60 3.04 0.00	59.53 2.69 0.00	62.25 2.73 0.00	55.56 2.54 -2.89	46.12 1.97 -2.12	48.78 2.19 -0.21	39.19 1.64 -3.87	31.67 1.47 -0.16	34.52 1.70 0.00	38.47 1.96 0.00	51.06 2.52 -7.36	106.59 3.29 -48.44	51.65 2.45 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
CE_NYC_DRP 24195	58.78 1.68 0.00	53.76 1.64 0.00	53.05 1.23 0.00	40.79 0.98 0.00	38.11 0.98 0.00	31.30 0.81 0.00	31.41 0.99 0.00	29.83 1.19 0.00	35.26 1.50 0.00	62.42 2.86 0.00	59.31 2.47 0.00	62.01 2.49 0.00	52.47 2.34 0.00	43.82 1.79 0.00	48.37 1.98 0.00	35.19 1.51 0.00	31.38 1.35 0.00	34.40 1.58 0.00	38.33 1.82 0.00	43.57 2.40 0.00	57.97 3.11 0.00	45.70 2.31 0.00	34.39 1.71 0.00	33.33 1.51 0.00
CHAFFEE___LFGE 323603	54.74 -2.35 0.00	49.88 -2.24 0.00	49.39 -2.43 0.00	37.86 -1.94 0.00	35.20 -1.94 0.00	28.87 -1.62 0.00	28.57 -1.85 0.00	26.93 -1.71 0.00	31.86 -1.91 0.00	55.70 -3.87 0.00	50.80 -4.02 2.02	55.41 -4.11 0.00	46.06 -4.07 0.00	38.80 -3.23 0.00	42.87 -3.51 0.00	30.83 -2.85 0.00	27.41 -2.57 0.05	29.77 -2.67 0.39	34.10 -2.41 0.00	38.56 -2.62 0.00	51.47 -3.39 0.00	40.34 -3.05 0.00	30.33 -2.36 0.00	29.61 -2.21 0.00
CHATEAUG_35_KV_LOAD 355732	57.38 0.28 0.00	52.18 0.06 0.00	52.48 0.66 0.00	40.37 0.57 0.00	37.77 0.64 0.00	31.03 0.54 0.00	31.05 0.63 0.00	29.20 0.56 0.00	34.58 0.82 0.00	61.27 1.71 0.00	58.50 1.65 0.00	61.40 1.88 0.00	51.70 1.57 0.00	43.22 1.19 0.00	47.58 1.19 0.00	34.45 0.77 0.00	30.76 0.73 0.00	33.35 0.53 0.00	36.81 0.30 0.00	41.42 0.25 0.00	54.54 -0.31 0.00	43.12 -0.26 0.00	32.57 -0.11 0.00	31.44 -0.38 0.00
CHATEAUG_WT_PWR 323614	57.35 0.26 0.00	52.17 0.05 0.00	52.43 0.61 0.00	40.33 0.53 0.00	37.73 0.60 0.00	31.00 0.51 0.00	31.01 0.59 0.00	29.17 0.53 0.00	34.53 0.78 0.00	61.15 1.59 0.00	58.38 1.54 0.00	61.26 1.74 0.00	51.60 1.46 0.00	43.13 1.10 0.00	47.49 1.10 0.00	34.38 0.70 0.00	30.71 0.67 0.00	33.30 0.48 0.00	36.77 0.26 0.00	41.40 0.23 0.00	54.55 -0.30 0.00	43.13 -0.25 0.00	32.56 -0.12 0.00	31.44 -0.38 0.00
CHAT_HIGH_FALL_HYD 323578	57.38 0.28 0.00	52.18 0.06 0.00	52.48 0.66 0.00	40.37 0.57 0.00	37.77 0.64 0.00	31.03 0.54 0.00	31.05 0.63 0.00	29.20 0.56 0.00	34.58 0.82 0.00	61.27 1.71 0.00	58.50 1.65 0.00	61.40 1.88 0.00	51.70 1.57 0.00	43.22 1.19 0.00	47.58 1.19 0.00	34.45 0.77 0.00	30.76 0.73 0.00	33.35 0.53 0.00	36.81 0.30 0.00	41.42 0.25 0.00	54.54 -0.31 0.00	43.12 -0.26 0.00	32.57 -0.11 0.00	31.44 -0.38 0.00
CHAUTAUQUA___LFGE 323629	55.06 -2.04 0.00	50.48 -1.64 0.00	50.03 -1.79 0.00	38.34 -1.46 0.00	35.66 -1.47 0.00	28.99 -1.51 0.00	28.32 -2.10 0.00	26.26 -2.03 0.35	31.25 -2.44 0.07	54.66 -4.90 0.00	49.64 -5.52 1.69	54.24 -5.29 0.00	45.51 -4.62 0.00	38.38 -3.65 0.00	42.10 -4.28 0.00	30.58 -3.10 0.00	25.41 -2.85 1.77	26.47 -3.06 3.30	31.82 -2.76 1.92	37.05 -3.26 0.87	46.72 -4.23 3.92	36.62 -3.85 2.91	28.73 -3.16 0.80	26.45 -3.07 2.29
CHERRYST_13_KV_LD 356241	58.90 1.81 0.00	53.88 1.77 0.00	53.17 1.35 0.00	40.89 1.09 0.00	38.21 1.08 0.00	31.38 0.89 0.00	31.50 1.07 0.00	29.91 1.27 0.00	35.36 1.60 0.00	62.58 3.01 0.00	59.48 2.63 0.00	62.19 2.66 0.00	52.61 2.47 0.00	43.94 1.91 0.00	48.51 2.12 0.00	35.28 1.60 0.00	31.47 1.44 0.00	34.50 1.67 0.00	38.44 1.93 0.00	43.69 2.51 0.00	58.13 3.27 0.00	45.82 2.43 0.00	34.48 1.80 0.00	33.42 1.60 0.00

CHESTROR_138KV_BK263 355645	58.02 0.92 0.00	53.03 0.91 0.00	52.42 0.60 0.00	40.26 0.46 0.00	37.59 0.46 0.00	30.88 0.39 0.00	30.96 0.53 0.00	29.35 0.71 0.00	34.65 0.89 0.00	61.27 1.71 0.00	58.27 1.43 0.00	60.91 1.38 0.00	51.47 1.34 0.00	43.07 1.04 0.00	47.54 1.15 0.00	34.54 0.86 0.00	30.83 0.80 0.00	33.80 0.98 0.00	37.69 1.18 0.00	42.71 1.54 0.00	56.95 2.09 0.00	44.87 1.49 0.00	33.76 1.07 0.00	32.76 0.94 0.00
CH_MIDHUDSON___DRP 24192	58.58 1.48 0.00	53.57 1.45 0.00	52.99 1.17 0.00	40.71 0.90 0.00	38.02 0.89 0.00	31.25 0.75 0.00	31.32 0.90 0.00	29.72 1.08 0.00	35.09 1.33 0.00	62.01 2.45 0.00	59.04 2.19 0.00	61.68 2.16 0.00	52.16 2.03 0.00	43.64 1.61 0.00	48.18 1.79 0.00	35.02 1.34 0.00	31.27 1.23 0.00	34.25 1.42 0.00	38.15 1.64 0.00	43.22 2.05 0.00	57.57 2.71 0.00	45.39 2.00 0.00	34.17 1.49 0.00	33.16 1.33 0.00
CH_MISC_IPPS 23765	58.82 1.73 0.00	53.77 1.65 0.00	53.17 1.35 0.00	40.85 1.04 0.00	38.15 1.01 0.00	31.35 0.86 0.00	31.43 1.01 0.00	29.82 1.18 0.00	35.22 1.46 0.00	62.29 2.72 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.38 2.25 0.00	43.82 1.79 0.00	48.37 1.99 0.00	35.16 1.48 0.00	31.40 1.36 0.00	34.40 1.58 0.00	38.35 1.84 0.00	43.46 2.29 0.00	57.87 3.02 0.00	45.61 2.22 0.00	34.31 1.63 0.00	33.27 1.45 0.00
CH_RES_BVR_FALLS 23983	57.15 0.05 0.00	52.14 0.03 0.00	51.97 0.15 0.00	39.89 0.09 0.00	37.17 0.04 0.00	30.39 -0.10 0.00	30.33 -0.10 0.00	28.50 -0.14 0.00	33.66 -0.10 0.00	59.45 -0.11 0.00	56.84 0.00 0.00	59.58 0.05 0.00	50.11 -0.02 0.00	42.14 0.10 0.00	46.50 0.11 0.00	33.74 0.06 0.00	29.98 -0.06 0.00	32.63 -0.20 0.00	36.25 -0.26 0.00	40.74 -0.43 0.00	54.18 -0.68 0.00	42.82 -0.57 0.00	32.23 -0.45 0.00	31.31 -0.51 0.00
CH_RES_NIAGARA 23895	53.63 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.35 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.02 -2.40 0.00	25.17 -2.83 0.64	30.30 -3.33 0.13	53.12 -6.44 0.00	49.12 -6.33 1.39	53.62 -5.91 0.00	44.83 -5.30 0.00	38.04 -3.99 0.00	41.85 -4.54 0.00	30.30 -3.37 0.00	23.64 -3.22 3.17	23.44 -3.73 5.66	29.38 -3.64 3.49	35.39 -4.21 1.57	42.10 -5.65 7.11	33.45 -4.65 5.29	27.79 -3.44 1.45	24.40 -3.25 4.17
CH_RES_SYRACUSE 23985	56.84 -0.25 0.00	51.86 -0.25 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.21 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.23 -0.53 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.40 -1.13 0.00	49.11 -1.03 0.00	41.17 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.58 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00
CLINTON_WT_PWR 323605	57.35 0.26 0.00	52.17 0.05 0.00	52.43 0.61 0.00	40.33 0.53 0.00	37.73 0.60 0.00	31.00 0.51 0.00	31.01 0.59 0.00	29.17 0.53 0.00	34.53 0.78 0.00	61.15 1.59 0.00	58.38 1.54 0.00	61.26 1.74 0.00	51.60 1.46 0.00	43.13 1.10 0.00	47.49 1.10 0.00	34.38 0.70 0.00	30.71 0.67 0.00	33.30 0.48 0.00	36.77 0.26 0.00	41.40 0.23 0.00	54.55 -0.30 0.00	43.13 -0.25 0.00	32.56 -0.12 0.00	31.44 -0.38 0.00
CLINTON___LFGE 323618	58.37 1.27 0.00	53.08 0.96 0.00	53.19 1.38 0.00	40.87 1.07 0.00	38.27 1.14 0.00	31.49 1.00 0.00	31.50 1.08 0.00	29.65 1.01 0.00	35.08 1.32 0.00	62.19 2.63 0.00	59.42 2.58 0.00	62.33 2.81 0.00	52.54 2.40 0.00	43.87 1.83 0.00	48.16 1.77 0.00	34.87 1.19 0.00	31.24 1.21 0.00	33.91 1.09 0.00	37.41 0.90 0.00	42.16 0.98 0.00	55.62 0.76 0.00	43.88 0.50 0.00	33.12 0.44 0.00	32.00 0.18 0.00
COBBLENY_34_KV_TB1 80064	54.74 -2.35 0.00	49.87 -2.24 0.00	49.40 -2.42 0.00	37.86 -1.94 0.00	35.20 -1.94 0.00	28.87 -1.62 0.00	28.57 -1.85 0.00	26.93 -1.72 0.00	31.83 -1.93 0.00	55.71 -3.85 2.02	50.80 -4.02 0.00	55.41 -4.11 0.00	46.06 -4.07 0.00	38.80 -3.23 0.00	42.87 -3.51 0.00	30.83 -2.85 0.00	27.40 -2.58 0.05	29.74 -2.70 0.39	34.10 -2.41 0.00	38.55 -2.63 0.00	51.44 -3.42 0.00	40.33 -3.06 0.00	30.32 -2.36 0.00	29.59 -2.23 0.00
COFFEEN___115KV_TB3 355620	58.44 1.35 0.00	52.59 0.47 0.00	52.60 0.78 0.00	40.50 0.70 0.00	37.80 0.67 0.00	30.71 0.22 0.00	30.77 0.35 0.00	29.12 0.48 0.00	34.39 0.63 0.00	60.04 0.47 0.00	57.11 0.27 0.00	58.83 -0.69 0.00	48.92 -1.21 0.00	41.66 -0.37 0.00	46.06 -0.33 0.00	33.60 -0.08 0.00	30.17 0.14 0.00	33.19 0.37 0.00	36.89 0.38 0.00	41.58 0.41 0.00	55.41 0.55 0.00	43.09 -0.30 0.00	32.01 -0.68 0.00	30.95 -0.87 0.00
COLDSPRG_115KV_BK1 355956	55.76 -1.34 0.00	51.13 -0.99 0.00	50.67 -1.15 0.00	38.83 -0.97 0.00	36.12 -1.01 0.00	29.42 -1.07 0.00	28.89 -1.53 0.00	27.14 -1.50 0.00	32.07 -1.69 0.00	56.02 -3.54 1.95	50.86 -4.04 0.00	55.63 -3.90 0.00	46.56 -3.58 0.00	39.21 -2.82 0.00	43.10 -3.29 0.00	31.18 -2.50 0.00	27.65 -2.33 0.05	30.01 -2.44 0.38	34.46 -2.05 0.00	38.82 -2.35 0.00	51.74 -3.12 0.00	40.46 -2.93 0.00	30.30 -2.39 0.00	29.45 -2.37 0.00
COLONIE_LFGE___ 323577	58.38 1.28 0.00	53.26 1.14 0.00	52.88 1.06 0.00	40.59 0.79 0.00	37.91 0.78 0.00	31.19 0.70 0.00	31.19 0.76 0.00	29.52 0.89 0.00	34.77 1.01 0.00	61.31 1.74 0.00	58.61 1.77 0.00	61.19 1.67 0.00	51.70 1.57 0.00	43.37 1.33 0.00	47.88 1.49 0.00	34.77 1.09 0.00	31.04 1.01 0.00	33.93 1.11 0.00	37.59 1.08 0.00	42.36 1.19 0.00	56.52 1.66 0.00	44.70 1.32 0.00	33.74 1.06 0.00	32.78 0.97 0.00
COOPERNY_115KV_TB1 80082	57.65 0.55 0.00	52.67 0.55 0.00	52.15 0.33 0.00	40.07 0.26 0.00	37.41 0.28 0.00	30.73 0.24 0.00	30.75 0.33 0.00	29.10 0.46 0.00	34.33 0.57 0.00	60.65 1.08 0.00	57.71 0.87 0.00	60.36 0.84 0.00	50.98 0.84 0.00	42.66 0.63 0.00	47.09 0.70 0.00	34.21 0.53 0.00	30.53 0.49 0.00	33.45 0.63 0.00	37.28 0.77 0.00	42.22 1.04 0.00	56.27 1.41 0.00	44.37 0.98 0.00	33.39 0.71 0.00	32.43 0.61 0.00
COPENHAGEN_WT_PWR 323753	57.95 0.86 0.00	52.07 -0.04 0.00	52.14 0.32 0.00	40.15 0.35 0.00	37.47 0.34 0.00	30.37 -0.12 0.00	30.43 0.01 0.00	28.82 0.18 0.00	34.03 0.27 0.00	59.37 -0.20 0.00	56.59 -0.25 0.00	58.37 -1.15 0.00	48.46 -1.67 0.00	41.18 -0.85 0.00	45.51 -0.87 0.00	33.21 -0.47 0.00	29.76 -0.27 0.00	32.74 -0.08 0.00	36.32 -0.19 0.00	40.92 -0.26 0.00	54.56 -0.29 0.00	42.35 -1.04 0.00	31.44 -1.24 0.00	30.42 -1.40 0.00
CORNELL_____ 23752	57.50 0.40 0.00	52.40 0.28 0.00	51.96 0.14 0.00	39.91 0.11 0.00	37.21 0.08 0.00	30.56 0.07 0.00	30.46 0.04 0.00	28.92 -0.02 -0.30	33.67 -0.15 -0.06	59.05 -0.52 0.00	63.66 -0.66 -7.48	58.79 -0.73 0.00	49.56 -0.58 0.00	41.60 -0.43 0.00	45.75 -0.64 0.00	33.12 -0.57 -0.01	31.26 -0.43 -1.66	36.48 -0.29 -3.95	38.04 -0.09 -1.62	41.89 -0.01 -0.73	58.13 -0.03 -3.30	45.70 -0.14 -2.46	33.11 -0.25 -0.67	33.55 -0.21 -1.93

CORONA_69_KV_TB1 355595	58.83 1.73 0.00	54.27 2.15 0.00	53.38 1.56 0.00	41.00 1.20 0.00	38.25 1.12 0.00	31.28 0.79 0.00	31.34 0.91 0.00	29.72 1.08 0.00	35.22 1.46 0.00	62.45 2.88 -0.01	59.31 2.44 -0.03	61.90 2.38 0.00	52.51 2.36 -0.01	43.90 1.86 0.00	48.61 2.22 -0.01	35.24 1.55 -0.01	31.41 1.38 0.00	46.44 1.68 -11.94	109.75 1.96 -71.28	58.07 2.48 -14.42	209.88 3.32 -151.69	84.92 2.45 -39.09	52.99 1.87 -18.43	33.58 1.75 -0.02
CORTLAND_115KV_TB3 80093	57.18 0.09 0.00	52.12 0.00 0.00	51.71 -0.11 0.00	39.74 -0.07 0.00	37.05 -0.08 0.00	30.43 -0.06 0.00	30.33 -0.10 0.00	28.54 -0.10 0.00	33.54 -0.22 0.00	58.97 -0.60 0.00	58.17 -0.69 -2.01	58.79 -0.73 0.00	49.49 -0.64 0.00	41.53 -0.50 0.00	45.76 -0.62 0.00	33.21 -0.47 0.00	29.71 -0.38 -0.05	32.90 -0.31 -0.39	36.35 -0.16 0.00	41.05 -0.12 0.00	54.71 -0.15 0.00	43.16 -0.23 0.00	32.41 -0.28 0.00	31.58 -0.24 0.00
COXSACKIE___GT 23611	59.64 2.55 0.00	54.35 2.23 0.00	53.98 2.16 0.00	41.48 1.67 0.00	38.74 1.61 0.00	31.93 1.44 0.00	31.97 1.54 0.00	30.27 1.63 0.00	35.76 2.00 0.00	63.43 3.86 0.00	61.15 4.31 0.00	63.78 4.26 0.00	53.73 3.60 0.00	45.01 2.97 0.00	49.59 3.21 0.00	36.16 2.48 0.00	32.33 2.29 0.00	35.17 2.35 0.00	39.04 2.53 0.00	44.01 2.83 0.00	58.44 3.58 0.00	46.08 2.69 0.00	34.66 1.98 0.00	33.60 1.78 0.00
CPV_VALLEY___CC1 323721	57.64 0.54 0.00	52.69 0.57 0.00	52.09 0.27 0.00	40.02 0.22 0.00	37.37 0.24 0.00	30.70 0.21 0.00	30.76 0.34 0.00	29.15 0.51 0.00	34.40 0.64 0.00	60.81 1.24 0.00	57.86 1.01 0.00	60.48 0.96 0.00	51.11 0.97 0.00	42.76 0.73 0.00	47.20 0.82 0.00	34.30 0.62 0.00	30.61 0.58 0.00	33.54 0.72 0.00	37.39 0.88 0.00	42.38 1.21 0.00	56.46 1.60 0.00	44.51 1.13 0.00	33.50 0.82 0.00	32.52 0.70 0.00
CPV_VALLEY___CC2 323722	57.64 0.54 0.00	52.69 0.57 0.00	52.09 0.27 0.00	40.02 0.22 0.00	37.37 0.24 0.00	30.70 0.21 0.00	30.76 0.34 0.00	29.15 0.51 0.00	34.40 0.64 0.00	60.81 1.24 0.00	57.86 1.01 0.00	60.48 0.96 0.00	51.11 0.97 0.00	42.76 0.73 0.00	47.20 0.82 0.00	34.30 0.62 0.00	30.61 0.58 0.00	33.54 0.72 0.00	37.39 0.88 0.00	42.38 1.21 0.00	56.46 1.60 0.00	44.51 1.13 0.00	33.50 0.82 0.00	32.52 0.70 0.00
CRESCENT___HYD 24018	58.38 1.28 0.00	53.26 1.14 0.00	52.88 1.06 0.00	40.59 0.79 0.00	37.91 0.78 0.00	31.19 0.70 0.00	31.19 0.76 0.00	29.52 0.89 0.00	34.77 1.01 0.00	61.31 1.74 0.00	58.61 1.77 0.00	61.19 1.67 0.00	51.70 1.57 0.00	43.37 1.33 0.00	47.88 1.49 0.00	34.77 1.09 0.00	31.04 1.01 0.00	33.93 1.11 0.00	37.59 1.08 0.00	42.36 1.19 0.00	56.52 1.66 0.00	44.70 1.32 0.00	33.74 1.06 0.00	32.78 0.97 0.00
CRICKET___VALLEY_CC1 323756	58.06 0.97 0.00	53.16 1.04 0.00	52.64 0.83 0.00	40.41 0.61 0.00	37.74 0.61 0.00	31.04 0.55 0.00	31.12 0.70 0.00	29.56 0.92 0.00	34.84 1.08 0.00	61.49 1.93 0.00	58.54 1.69 0.00	61.15 1.63 0.00	51.74 1.61 0.00	43.32 1.29 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.04 1.01 0.00	33.96 1.14 0.00	37.79 1.28 0.00	42.78 1.61 0.00	56.99 2.13 0.00	44.99 1.61 0.00	33.93 1.25 0.00	32.96 1.14 0.00
CRICKET___VALLEY_CC2 323757	58.06 0.97 0.00	53.16 1.04 0.00	52.64 0.83 0.00	40.41 0.61 0.00	37.74 0.61 0.00	31.04 0.55 0.00	31.12 0.70 0.00	29.56 0.92 0.00	34.84 1.08 0.00	61.49 1.93 0.00	58.54 1.69 0.00	61.15 1.63 0.00	51.74 1.61 0.00	43.32 1.29 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.04 1.01 0.00	33.96 1.14 0.00	37.79 1.28 0.00	42.78 1.61 0.00	56.99 2.13 0.00	44.99 1.61 0.00	33.93 1.25 0.00	32.96 1.14 0.00
CRICKET___VALLEY_CC3 323758	58.06 0.97 0.00	53.16 1.04 0.00	52.64 0.83 0.00	40.41 0.61 0.00	37.74 0.61 0.00	31.04 0.55 0.00	31.12 0.70 0.00	29.56 0.92 0.00	34.84 1.08 0.00	61.49 1.93 0.00	58.54 1.69 0.00	61.15 1.63 0.00	51.74 1.61 0.00	43.32 1.29 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.04 1.01 0.00	33.96 1.14 0.00	37.79 1.28 0.00	42.78 1.61 0.00	56.99 2.13 0.00	44.99 1.61 0.00	33.93 1.25 0.00	32.96 1.14 0.00
CRUCIBLE_METL_DRP 24180	56.84 -0.25 0.00	51.86 -0.26 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.22 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.22 -0.54 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.39 -1.13 0.00	49.11 -1.03 0.00	41.18 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.57 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00
DAHOWA___HYDRO 323763	59.50 2.41 0.00	54.17 2.05 0.00	53.80 1.98 0.00	41.27 1.47 0.00	38.54 1.40 0.00	31.70 1.21 0.00	31.72 1.30 0.00	30.02 1.38 0.00	35.43 1.67 0.00	62.30 2.73 0.00	59.44 2.59 0.00	62.06 2.54 0.00	52.43 2.30 0.00	44.00 1.97 0.00	48.58 2.20 0.00	35.24 1.57 0.00	31.50 1.47 0.00	34.54 1.72 0.00	38.32 1.81 0.00	43.18 2.01 0.00	57.59 2.73 0.00	45.54 2.16 0.00	34.18 1.50 0.00	33.18 1.36 0.00
DANC___LFGE 323619	57.15 0.05 0.00	51.64 -0.48 0.00	51.54 -0.28 0.00	39.65 -0.15 0.00	37.00 -0.13 0.00	30.14 -0.35 0.00	30.13 -0.29 0.00	28.45 -0.19 0.00	33.51 -0.25 0.00	58.65 -0.92 0.00	55.90 -0.94 0.00	58.00 -1.53 0.00	48.37 -1.76 0.00	40.90 -1.13 0.00	45.16 -1.22 0.00	32.91 -0.77 0.00	29.46 -0.57 0.00	32.36 -0.46 0.00	35.97 -0.54 0.00	40.54 -0.64 0.00	54.03 -0.83 0.00	42.25 -1.13 0.00	31.53 -1.16 0.00	30.62 -1.20 0.00
DANSKAMMER___1 23586	58.82 1.73 0.00	53.77 1.65 0.00	53.17 1.35 0.00	40.85 1.04 0.00	38.15 1.01 0.00	31.35 0.86 0.00	31.43 1.01 0.00	29.82 1.18 0.00	35.22 1.46 0.00	62.29 2.72 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.38 2.25 0.00	43.82 1.79 0.00	48.37 1.99 0.00	35.16 1.48 0.00	31.40 1.36 0.00	34.40 1.58 0.00	38.35 1.84 0.00	43.46 2.29 0.00	57.87 3.02 0.00	45.61 2.22 0.00	34.31 1.63 0.00	33.27 1.45 0.00
DANSKAMMER___2 23589	58.82 1.73 0.00	53.77 1.65 0.00	53.17 1.35 0.00	40.85 1.04 0.00	38.15 1.01 0.00	31.35 0.86 0.00	31.43 1.01 0.00	29.82 1.18 0.00	35.22 1.46 0.00	62.29 2.72 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.38 2.25 0.00	43.82 1.79 0.00	48.37 1.99 0.00	35.16 1.48 0.00	31.40 1.36 0.00	34.40 1.58 0.00	38.35 1.84 0.00	43.46 2.29 0.00	57.87 3.02 0.00	45.61 2.22 0.00	34.31 1.63 0.00	33.27 1.45 0.00
DANSKAMMER___3 23590	58.82 1.73 0.00	53.77 1.65 0.00	53.17 1.35 0.00	40.85 1.04 0.00	38.15 1.01 0.00	31.35 0.86 0.00	31.43 1.01 0.00	29.82 1.18 0.00	35.22 1.46 0.00	62.29 2.72 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.38 2.25 0.00	43.82 1.79 0.00	48.37 1.99 0.00	35.16 1.48 0.00	31.40 1.36 0.00	34.40 1.58 0.00	38.35 1.84 0.00	43.46 2.29 0.00	57.87 3.02 0.00	45.61 2.22 0.00	34.31 1.63 0.00	33.27 1.45 0.00

DANSKAMMER___4 23591	58.82 1.73 0.00	53.77 1.65 0.00	53.17 1.35 0.00	40.85 1.04 0.00	38.15 1.01 0.00	31.35 0.86 0.00	31.43 1.01 0.00	29.82 1.18 0.00	35.22 1.46 0.00	62.29 2.72 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.38 2.25 0.00	43.82 1.79 0.00	48.37 1.99 0.00	35.16 1.48 0.00	31.40 1.36 0.00	34.40 1.58 0.00	38.35 1.84 0.00	43.46 2.29 0.00	57.87 3.02 0.00	45.61 2.22 0.00	34.31 1.63 0.00	33.27 1.45 0.00
DANSKAMMER___DIESEL 23592	58.82 1.73 0.00	53.77 1.65 0.00	53.16 1.34 0.00	40.85 1.05 0.00	38.15 1.01 0.00	31.35 0.86 0.00	31.43 1.01 0.00	29.82 1.18 0.00	35.23 1.47 0.00	62.29 2.72 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.38 2.24 0.00	43.83 1.79 0.00	48.37 1.99 0.00	35.16 1.48 0.00	31.39 1.36 0.00	34.41 1.59 0.00	38.35 1.84 0.00	43.46 2.29 0.00	57.88 3.02 0.00	45.61 2.23 0.00	34.31 1.63 0.00	33.27 1.45 0.00
DARBY___SOLAR 323810	59.40 2.31 0.00	54.11 2.00 0.00	53.74 1.92 0.00	41.23 1.43 0.00	38.50 1.37 0.00	31.67 1.18 0.00	31.68 1.26 0.00	29.99 1.35 0.00	35.37 1.61 0.00	62.21 2.65 0.00	59.37 2.52 0.00	61.99 2.47 0.00	52.36 2.23 0.00	43.93 1.89 0.00	48.50 2.12 0.00	35.20 1.53 0.00	31.46 1.43 0.00	34.48 1.66 0.00	38.26 1.75 0.00	43.12 1.95 0.00	57.50 2.64 0.00	45.46 2.08 0.00	34.16 1.48 0.00	33.17 1.35 0.00
DASHVILLE___HYD 23610	58.54 1.44 0.00	53.52 1.40 0.00	52.95 1.13 0.00	40.70 0.89 0.00	38.00 0.87 0.00	31.23 0.74 0.00	31.29 0.87 0.00	29.67 1.03 0.00	35.03 1.27 0.00	61.91 2.34 0.00	58.93 2.08 0.00	61.58 2.06 0.00	52.04 1.91 0.00	43.55 1.52 0.00	48.07 1.69 0.00	34.94 1.26 0.00	31.18 1.15 0.00	34.18 1.36 0.00	38.10 1.59 0.00	43.15 1.98 0.00	57.46 2.60 0.00	45.31 1.92 0.00	34.10 1.42 0.00	33.08 1.26 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	58.28 1.18 0.00	54.76 2.64 0.00	53.59 1.77 0.00	40.96 1.15 0.00	38.29 1.16 0.00	30.81 0.32 0.00	30.83 0.41 0.00	29.27 0.63 0.00	34.71 0.94 0.00	61.70 2.14 0.00	58.37 1.53 0.00	61.26 1.73 0.00	52.16 2.03 0.00	43.59 1.56 0.00	49.20 2.81 0.00	35.33 1.65 0.00	31.44 1.41 0.00	33.58 2.13 1.38	31.73 2.23 7.00	44.96 2.90 -0.89	58.03 4.08 0.91	51.03 3.26 -4.39	38.44 2.51 -3.25	34.01 2.19 0.00
DELAWARE___LFGE 323621	57.92 0.83 0.00	52.84 0.72 0.00	52.44 0.61 0.00	40.32 0.52 0.00	37.62 0.49 0.00	30.90 0.41 0.00	30.84 0.41 0.00	29.06 0.42 0.00	34.27 0.52 0.00	60.51 0.95 0.00	57.57 0.72 0.00	60.24 0.71 0.00	50.75 0.61 0.00	42.53 0.50 0.00	46.92 0.54 0.00	34.07 0.39 0.00	30.39 0.36 0.00	33.28 0.46 0.00	37.13 0.62 0.00	41.95 0.78 0.00	55.90 1.05 0.00	44.13 0.74 0.00	33.17 0.49 0.00	32.26 0.44 0.00
DERFIELD_115KV_TB7 355931	57.07 -0.03 0.00	52.07 -0.05 0.00	51.75 -0.07 0.00	39.76 -0.04 0.00	37.10 -0.03 0.00	30.46 -0.03 0.00	30.41 -0.02 0.00	28.65 0.01 0.00	33.76 0.00 0.00	59.54 -0.02 0.00	56.86 0.01 0.00	59.47 -0.05 0.00	50.14 0.00 0.00	42.03 0.00 0.00	46.38 0.00 0.00	33.69 0.01 0.00	30.05 0.02 0.00	32.85 0.03 0.00	36.53 0.03 0.00	41.21 0.04 0.00	54.91 0.05 0.00	43.40 0.01 0.00	32.68 0.00 0.00	31.82 0.00 0.00
DOGLEVILLE___HYD 23807	56.12 -0.98 0.00	51.16 -0.96 0.00	50.74 -1.08 0.00	39.02 -0.78 0.00	36.44 -0.69 0.00	30.07 -0.42 0.00	29.95 -0.47 0.00	28.45 -0.19 0.00	33.52 -0.24 0.00	59.15 -0.41 0.00	56.76 -0.09 0.00	59.16 -0.37 0.00	50.01 -0.13 0.00	41.78 -0.25 0.00	46.17 -0.22 0.00	33.48 -0.20 0.00	29.97 -0.06 0.00	32.82 0.00 0.00	36.43 -0.08 0.00	41.21 0.04 0.00	54.98 0.12 0.00	43.32 -0.06 0.00	32.65 -0.03 0.00	31.76 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	55.04 -2.06 0.00	50.43 -1.69 0.00	49.97 -1.85 0.00	38.30 -1.50 0.00	35.62 -1.52 0.00	28.98 -1.51 0.00	28.35 -2.07 0.00	26.26 -2.01 0.36	31.27 -2.42 0.07	54.73 -4.84 0.00	49.76 -5.40 1.68	54.35 -5.18 0.00	45.59 -4.55 0.00	38.44 -3.59 0.00	42.19 -4.20 0.00	30.62 -3.06 0.00	25.39 -2.81 1.83	26.40 -3.03 3.39	31.82 -2.71 1.98	37.10 -3.18 0.89	46.66 -4.15 4.04	36.61 -3.77 3.01	28.77 -3.09 0.83	26.44 -3.01 2.37
DUNKIRK___1 23563	55.04 -2.06 0.00	50.43 -1.69 0.00	49.97 -1.85 0.00	38.30 -1.50 0.00	35.62 -1.52 0.00	28.98 -1.51 0.00	28.35 -2.07 0.00	26.26 -2.01 0.36	31.27 -2.42 0.07	54.73 -4.84 0.00	49.76 -5.40 1.68	54.35 -5.18 0.00	45.59 -4.55 0.00	38.44 -3.59 0.00	42.19 -4.20 0.00	30.62 -3.06 0.00	25.39 -2.81 1.83	26.40 -3.03 3.39	31.82 -2.71 1.98	37.10 -3.18 0.89	46.66 -4.15 4.04	36.61 -3.77 3.01	28.77 -3.09 0.83	26.44 -3.01 2.37
DUNKIRK___2 23564	55.04 -2.06 0.00	50.43 -1.69 0.00	49.97 -1.85 0.00	38.30 -1.50 0.00	35.62 -1.52 0.00	28.98 -1.51 0.00	28.35 -2.07 0.00	26.26 -2.01 0.36	31.27 -2.42 0.07	54.73 -4.84 0.00	49.76 -5.40 1.68	54.35 -5.18 0.00	45.59 -4.55 0.00	38.44 -3.59 0.00	42.19 -4.20 0.00	30.62 -3.06 0.00	25.39 -2.81 1.83	26.40 -3.03 3.39	31.82 -2.71 1.98	37.10 -3.18 0.89	46.66 -4.15 4.04	36.61 -3.77 3.01	28.77 -3.09 0.83	26.44 -3.01 2.37
DUNKIRK___3 23565	54.90 -2.20 0.00	50.24 -1.88 0.00	49.81 -2.01 0.00	38.17 -1.63 0.00	35.50 -1.63 0.00	28.95 -1.54 0.00	28.38 -2.04 0.00	26.21 -2.03 0.40	31.24 -2.45 0.08	54.72 -4.85 0.00	49.93 -5.25 1.66	54.49 -5.03 0.00	45.67 -4.46 0.00	38.53 -3.50 0.00	42.31 -4.07 0.00	30.67 -3.01 0.00	25.27 -2.77 1.99	26.15 -3.00 3.67	31.64 -2.71 2.17	37.03 -3.17 0.98	46.31 -4.13 4.41	36.41 -3.69 3.28	28.79 -2.99 0.90	26.33 -2.90 2.59
DUNKIRK___4 23566	54.90 -2.20 0.00	50.24 -1.88 0.00	49.81 -2.01 0.00	38.17 -1.63 0.00	35.50 -1.63 0.00	28.95 -1.54 0.00	28.38 -2.04 0.00	26.21 -2.03 0.40	31.24 -2.45 0.08	54.72 -4.85 0.00	49.93 -5.25 1.66	54.49 -5.03 0.00	45.67 -4.46 0.00	38.53 -3.50 0.00	42.31 -4.07 0.00	30.67 -3.01 0.00	25.27 -2.77 1.99	26.15 -3.00 3.67	31.64 -2.71 2.17	37.03 -3.17 0.98	46.31 -4.13 4.41	36.41 -3.69 3.28	28.79 -2.99 0.90	26.33 -2.90 2.59
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	58.71 1.61 0.00	53.72 1.61 0.00	53.04 1.22 0.00	40.75 0.95 0.00	38.07 0.94 0.00	31.27 0.77 0.00	31.37 0.95 0.00	29.78 1.14 0.00	35.19 1.43 0.00	62.24 2.67 0.00	59.17 2.33 0.00	61.84 2.32 0.00	52.32 2.19 0.00	43.71 1.68 0.00	48.27 1.89 0.00	35.09 1.41 0.00	31.30 1.27 0.00	34.31 1.48 0.00	38.23 1.72 0.00	43.41 2.24 0.00	57.83 2.97 0.00	45.58 2.20 0.00	34.32 1.63 0.00	33.27 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	58.38 1.28 0.00	53.36 1.25 0.00	52.74 0.92 0.00	40.51 0.71 0.00	37.83 0.70 0.00	31.09 0.60 0.00	31.16 0.74 0.00	29.56 0.92 0.00	34.91 1.16 0.00	61.74 2.17 0.00	58.73 1.88 0.00	61.38 1.86 0.00	51.88 1.75 0.00	43.41 1.38 0.00	47.90 1.52 0.00	34.82 1.14 0.00	31.09 1.06 0.00	34.08 1.26 0.00	38.00 1.49 0.00	43.08 1.91 0.00	57.40 2.54 0.00	45.22 1.84 0.00	34.02 1.33 0.00	33.00 1.18 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	58.59 1.50 0.00	53.59 1.47 0.00	52.98 1.16 0.00	40.72 0.92 0.00	38.06 0.93 0.00	31.24 0.75 -0.01	31.35 0.92 0.00	29.76 1.12 0.00	35.18 1.42 0.00	62.30 2.73 0.00	59.23 2.39 0.00	61.93 2.41 0.00	52.41 2.28 0.01	43.77 1.75 0.01	48.32 1.95 0.00	35.15 1.47 0.00	31.35 1.31 0.00	34.36 1.53 0.00	38.33 1.83 0.00	43.52 2.33 -0.02	57.88 3.02 -0.01	45.61 2.23 0.00	34.34 1.66 0.00	33.30 1.47 0.00
E179THST_13_KV_LOAD 356214	58.82 1.72 0.00	53.79 1.67 0.00	53.16 1.34 0.00	40.86 1.06 0.00	38.18 1.05 0.00	31.35 0.86 -0.01	31.45 1.02 0.00	29.85 1.21 0.00	35.30 1.53 0.00	62.53 2.96 0.00	59.46 2.62 0.00	62.19 2.67 0.00	52.64 2.51 0.01	43.95 1.93 0.01	48.53 2.15 0.00	35.30 1.63 0.00	31.48 1.45 0.00	34.51 1.69 0.00	38.49 1.98 0.00	43.72 2.52 -0.02	58.12 3.26 -0.01	45.80 2.42 0.00	34.47 1.79 0.00	33.42 1.60 0.00
EAST HAMPTON___GT 23717	58.11 1.01 0.00	54.51 2.39 0.00	53.50 1.68 0.00	40.73 0.93 0.00	38.13 0.99 0.00	30.60 0.11 0.00	30.69 0.27 0.00	29.10 0.47 0.00	34.51 0.75 0.00	61.44 1.87 0.00	58.19 1.35 0.00	61.31 1.79 0.00	52.32 2.19 0.00	43.60 1.57 0.00	49.32 2.93 0.00	35.38 1.70 0.00	31.58 1.55 0.00	33.81 2.37 1.38	32.09 2.58 7.00	45.42 3.36 -0.89	58.67 4.72 0.90	51.51 3.74 -4.39	38.75 2.82 -3.25	34.13 2.32 0.00
EAST RIVER___6 23660	58.82 1.72 0.00	53.80 1.68 0.00	53.08 1.26 0.00	40.83 1.03 0.00	38.16 1.03 0.00	31.33 0.84 0.00	31.45 1.03 0.00	29.87 1.23 0.00	35.30 1.54 0.00	62.46 2.90 0.00	59.36 2.52 0.00	62.06 2.54 0.00	52.53 2.39 0.00	43.86 1.83 0.00	48.43 2.05 0.00	35.24 1.56 0.00	31.42 1.39 0.00	34.44 1.62 0.00	38.39 1.88 0.00	43.62 2.45 0.00	58.02 3.17 0.00	45.74 2.36 0.00	34.44 1.76 0.00	33.37 1.55 0.00
EAST RIVER___7 23524	58.82 1.72 0.00	53.80 1.68 0.00	53.08 1.26 0.00	40.83 1.03 0.00	38.16 1.03 0.00	31.33 0.84 0.00	31.45 1.03 0.00	29.87 1.23 0.00	35.30 1.54 0.00	62.46 2.90 0.00	59.36 2.52 0.00	62.06 2.54 0.00	52.53 2.39 0.00	43.86 1.83 0.00	48.43 2.05 0.00	35.24 1.56 0.00	31.42 1.39 0.00	34.44 1.62 0.00	38.39 1.88 0.00	43.62 2.45 0.00	58.02 3.17 0.00	45.74 2.36 0.00	34.44 1.76 0.00	33.37 1.55 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	58.57 1.47 0.00	53.58 1.47 0.00	52.92 1.10 0.00	40.66 0.85 0.00	37.98 0.84 0.00	31.18 0.69 0.00	31.30 0.87 0.00	29.70 1.06 0.00	35.08 1.32 0.00	62.08 2.52 0.00	59.02 2.18 0.00	61.69 2.17 0.00	52.19 2.06 0.00	43.62 1.59 0.00	48.17 1.79 0.00	35.01 1.33 0.00	31.24 1.20 0.00	34.24 1.41 0.00	38.15 1.64 0.00	43.29 2.11 0.00	57.66 2.80 0.00	45.45 2.06 0.00	34.22 1.53 0.00	33.18 1.36 0.00
EAST_HAMPTON___DIESEL 23722	58.03 0.93 0.00	54.43 2.31 0.00	53.44 1.62 0.00	40.67 0.86 0.00	38.08 0.95 0.00	30.54 0.05 0.00	30.65 0.23 0.00	29.06 0.42 0.00	34.45 0.69 0.00	61.34 1.78 0.00	58.10 1.26 0.00	61.25 1.73 0.00	52.28 2.15 0.00	43.56 1.53 0.00	49.29 2.91 0.00	35.35 1.67 0.00	31.56 1.53 0.00	33.81 2.36 1.38	32.09 2.58 7.00	45.43 3.36 -0.89	58.69 4.73 0.90	51.53 3.75 -4.39	38.76 2.83 -3.25	34.12 2.30 0.00
EAST_POINT___SOLAR 323840	60.76 3.67 0.00	55.33 3.21 0.00	54.95 3.13 0.00	42.25 2.45 0.00	39.40 2.27 0.00	32.31 1.82 0.00	32.24 1.82 0.00	30.28 1.64 0.00	35.75 1.99 0.00	63.14 3.57 0.00	59.50 2.66 0.00	62.15 2.63 0.00	51.80 1.67 0.00	43.35 1.32 0.00	48.14 1.76 0.00	35.04 1.36 0.00	31.32 1.28 0.00	34.39 1.57 0.00	38.59 2.08 0.00	43.72 2.55 0.00	58.26 3.40 0.00	45.95 2.57 0.00	34.36 1.68 0.00	33.37 1.55 0.00
EAST_PULASKI___ESR 323781	56.50 -0.59 0.00	51.35 -0.76 0.00	51.11 -0.71 0.00	39.28 -0.52 0.00	36.64 -0.49 0.00	29.99 -0.50 0.00	29.93 -0.50 0.00	28.15 -0.49 0.00	33.10 -0.67 0.00	58.10 -1.46 0.00	55.38 -1.47 0.00	57.79 -1.74 0.00	48.42 -1.71 0.00	40.75 -1.28 0.00	44.94 -1.45 0.00	32.71 -0.97 0.00	29.25 -0.79 0.00	32.08 -0.74 0.00	35.72 -0.79 0.00	40.26 -0.91 0.00	53.66 -1.19 0.00	42.25 -1.14 0.00	31.69 -0.99 0.00	30.90 -0.92 0.00
EAST_RIVER___1 323558	58.78 1.68 0.00	53.75 1.63 0.00	53.05 1.23 0.00	40.79 0.98 0.00	38.11 0.98 0.00	31.30 0.81 0.00	31.41 0.99 0.00	29.83 1.19 0.00	35.26 1.50 0.00	62.42 2.85 0.00	59.31 2.47 0.00	62.01 2.49 0.00	52.47 2.34 0.00	43.82 1.79 0.00	48.37 1.99 0.00	35.19 1.51 0.00	31.38 1.34 0.00	34.39 1.57 0.00	38.34 1.83 0.00	43.57 2.40 0.00	57.96 3.10 0.00	45.69 2.31 0.00	34.39 1.71 0.00	33.33 1.51 0.00
EAST_RIVER___2 323559	58.82 1.72 0.00	53.80 1.68 0.00	53.08 1.26 0.00	40.83 1.03 0.00	38.16 1.03 0.00	31.33 0.84 0.00	31.45 1.03 0.00	29.87 1.23 0.00	35.30 1.54 0.00	62.46 2.90 0.00	59.36 2.52 0.00	62.06 2.54 0.00	52.53 2.39 0.00	43.86 1.83 0.00	48.43 2.05 0.00	35.24 1.56 0.00	31.42 1.39 0.00	34.44 1.62 0.00	38.39 1.88 0.00	43.62 2.45 0.00	58.02 3.17 0.00	45.74 2.36 0.00	34.44 1.76 0.00	33.37 1.55 0.00
EAST___DELAWARE_HYD 23607	58.68 1.59 0.00	53.60 1.48 0.00	53.02 1.20 0.00	40.74 0.93 0.00	38.03 0.90 0.00	31.26 0.77 0.00	31.33 0.90 0.00	29.70 1.06 0.00	35.11 1.36 0.00	62.07 2.51 0.00	59.01 2.17 0.00	61.71 2.19 0.00	52.13 2.00 0.00	43.60 1.57 0.00	48.13 1.74 0.00	34.98 1.30 0.00	31.20 1.16 0.00	34.21 1.39 0.00	38.16 1.65 0.00	43.29 2.11 0.00	57.66 2.80 0.00	45.43 2.04 0.00	34.13 1.44 0.00	33.09 1.27 0.00
EIGHT_POINT___WT_PWR 323820	54.23 -2.87 0.00	49.22 -2.90 0.00	48.39 -3.43 0.00	37.30 -2.50 0.00	34.95 -2.18 0.00	28.51 -1.98 0.00	27.95 -2.48 0.00	28.88 -2.57 -2.81	31.47 -2.84 -0.55	54.52 -5.06 -0.01	48.60 -4.35 3.89	55.09 -4.44 0.00	45.84 -4.29 0.00	38.03 -4.00 0.00	41.50 -4.89 0.00	29.19 -4.49 0.00	39.68 -3.95 -13.60	51.78 -3.90 -22.86	47.97 -3.83 -15.28	44.22 -3.83 -6.88	80.62 -5.36 -31.12	61.99 -4.54 -23.14	35.43 -3.61 -6.36	46.77 -3.28 -18.24
ELBRIDGE_115KV_TB2 80188	56.54 -0.55 0.00	51.58 -0.54 0.00	51.21 -0.61 0.00	39.34 -0.47 0.00	36.69 -0.44 0.00	30.14 -0.35 0.00	30.02 -0.40 0.00	28.15 -0.49 0.00	33.04 -0.72 0.00	58.11 -1.46 0.00	55.42 -1.42 0.00	58.09 -1.43 0.00	48.86 -1.27 0.00	40.96 -1.07 0.00	45.16 -1.22 0.00	32.78 -0.90 0.00	29.28 -0.76 0.00	32.10 -0.72 0.00	35.79 -0.72 0.00	40.36 -0.81 0.00	53.82 -1.05 0.00	42.55 -0.83 0.00	31.97 -0.71 0.00	31.27 -0.55 0.00
ELEC_TRO_TEK 24086	58.51 1.42 0.00	54.00 1.89 0.00	53.12 1.30 0.00	40.81 1.01 0.00	38.10 0.97 0.00	31.15 0.66 0.00	31.22 0.80 0.00	29.62 0.98 0.00	35.09 1.33 0.00	62.19 2.62 0.00	59.01 2.16 -0.01	61.60 2.08 0.00	52.26 2.13 0.00	43.70 1.66 0.00	48.41 2.02 -0.01	35.08 1.39 0.00	31.27 1.24 0.00	39.66 1.55 -5.29	70.10 1.79 -31.80	50.92 2.26 -7.49	132.35 3.09 -74.39	67.84 2.28 -22.17	46.00 1.74 -11.58	33.41 1.58 -0.01

ELLENBURG_WT_PWR 323604	57.35 0.26 0.00	52.17 0.05 0.00	52.43 0.61 0.00	40.33 0.53 0.00	37.73 0.60 0.00	31.00 0.51 0.00	31.01 0.59 0.00	29.17 0.53 0.00	34.53 0.78 0.00	61.15 1.59 0.00	58.38 1.54 0.00	61.26 1.74 0.00	51.60 1.46 0.00	43.13 1.10 0.00	47.49 1.10 0.00	34.38 0.70 0.00	30.71 0.67 0.00	33.30 0.48 0.00	36.77 0.26 0.00	41.40 0.23 0.00	54.55 -0.30 0.00	43.13 -0.25 0.00	32.56 -0.12 0.00	31.44 -0.38 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	54.55 -2.55 0.00	49.87 -2.24 0.00	49.63 -2.19 0.00	37.99 -1.82 0.00	35.31 -1.83 0.00	28.90 -1.59 0.00	28.48 -1.95 0.00	25.82 -2.27 0.55	30.97 -2.68 0.11	54.28 -5.28 0.00	50.28 -5.08 1.48	54.77 -4.75 0.00	45.82 -4.32 0.00	38.80 -3.23 0.00	42.69 -3.70 0.00	30.82 -2.86 0.00	24.61 -2.67 2.75	24.85 -3.03 4.95	30.60 -2.90 3.02	36.39 -3.42 1.36	44.30 -4.42 6.14	35.10 -3.72 4.57	28.54 -2.88 1.25	25.53 -2.69 3.60
EMPIRE_CC_1 323656	57.87 0.77 0.00	52.84 0.72 0.00	52.42 0.60 0.00	40.30 0.49 0.00	37.65 0.52 0.00	30.98 0.49 0.00	30.99 0.56 0.00	29.33 0.69 0.00	34.54 0.78 0.00	60.89 1.32 0.00	58.30 1.46 0.00	60.82 1.30 0.00	51.39 1.25 0.00	43.12 1.09 0.00	47.62 1.24 0.00	34.59 0.91 0.00	30.88 0.85 0.00	33.70 0.88 0.00	37.29 0.78 0.00	42.02 0.85 0.00	56.04 1.18 0.00	44.36 0.98 0.00	33.57 0.89 0.00	32.62 0.80 0.00
EMPIRE_CC_2 323658	57.87 0.77 0.00	52.84 0.72 0.00	52.42 0.60 0.00	40.30 0.49 0.00	37.65 0.52 0.00	30.98 0.49 0.00	30.99 0.56 0.00	29.33 0.69 0.00	34.54 0.78 0.00	60.89 1.32 0.00	58.30 1.46 0.00	60.82 1.30 0.00	51.39 1.25 0.00	43.12 1.09 0.00	47.62 1.24 0.00	34.59 0.91 0.00	30.88 0.85 0.00	33.70 0.88 0.00	37.29 0.78 0.00	42.02 0.85 0.00	56.04 1.18 0.00	44.36 0.98 0.00	33.57 0.89 0.00	32.62 0.80 0.00
ENORWICH_115KV_TB1 80156	59.17 2.07 0.00	53.80 1.69 0.00	52.98 1.16 0.00	40.52 0.72 0.00	37.72 0.59 0.00	30.91 0.42 0.00	30.89 0.47 0.00	29.00 0.20 -0.15	33.90 0.11 -0.03	59.66 0.09 0.00	59.11 -0.16 -2.43	58.94 -0.58 0.00	49.91 -0.23 0.00	42.37 0.34 0.00	46.60 0.21 0.00	33.55 -0.13 0.00	30.88 0.03 -0.82	34.58 -0.02 -1.77	37.56 0.20 -0.84	41.81 0.25 -0.38	56.73 0.15 -1.72	44.48 -0.18 -1.28	32.67 -0.36 -0.35	32.43 -0.40 -1.01
ERIE_ST_34_KV_TB1-2 80199	54.97 -2.12 0.00	50.20 -1.92 0.00	49.91 -1.91 0.00	38.22 -1.58 0.00	35.53 -1.60 0.00	29.10 -1.39 0.00	28.71 -1.71 0.00	26.19 -1.98 0.47	31.31 -2.36 0.09	54.89 -4.67 0.00	50.79 -4.48 1.59	55.33 -4.20 0.00	46.29 -3.85 0.00	39.15 -2.88 0.00	43.09 -3.29 0.00	31.07 -2.61 0.00	25.26 -2.46 2.32	25.84 -2.76 4.23	31.41 -2.56 2.54	37.05 -2.98 1.14	45.81 -3.89 5.17	36.25 -3.30 3.84	29.05 -2.57 1.06	26.36 -2.43 3.03
ERIE_WT_PWR 323693	54.80 -2.30 0.00	50.08 -2.04 0.00	49.86 -1.96 0.00	38.18 -1.62 0.00	35.50 -1.63 0.00	29.05 -1.44 0.00	28.62 -1.80 0.00	26.03 -2.11 0.50	31.17 -2.49 0.10	54.58 -4.98 0.00	50.54 -4.76 1.54	55.05 -4.47 0.00	46.03 -4.10 0.00	39.00 -3.03 0.00	42.91 -3.47 0.00	30.96 -2.72 0.00	25.02 -2.53 2.48	25.47 -2.86 4.50	31.04 -2.75 2.72	36.71 -3.24 1.22	45.16 -4.17 5.54	35.76 -3.50 4.12	28.79 -2.76 1.13	26.01 -2.56 3.24
ESPRGFLD_115KV_TB1 80157	59.45 2.35 0.00	54.15 2.03 0.00	53.72 1.90 0.00	41.33 1.52 0.00	38.53 1.40 0.00	31.56 1.07 0.00	31.47 1.05 0.00	29.48 0.84 0.00	34.79 1.03 0.00	61.47 1.90 0.00	58.06 1.22 0.00	60.85 1.33 0.00	51.08 0.94 0.00	42.83 0.80 0.00	47.25 0.87 0.00	34.31 0.63 0.00	30.60 0.56 0.00	33.54 0.72 0.00	37.60 1.09 0.00	42.50 1.32 0.00	56.61 1.76 0.00	44.68 1.30 0.00	33.43 0.75 0.00	32.53 0.71 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	57.44 0.35 0.00	52.36 0.24 0.00	51.91 0.09 0.00	39.88 0.07 0.00	37.18 0.05 0.00	30.54 0.04 0.00	30.43 0.01 0.00	28.84 -0.05 -0.25	33.63 -0.18 -0.05	59.02 -0.55 0.00	62.12 -0.71 -5.99	58.75 -0.77 0.00	49.52 -0.62 0.00	41.57 -0.47 0.00	45.73 -0.65 0.00	33.12 -0.57 -0.01	30.97 -0.44 -1.38	35.77 -0.31 -3.25	37.74 -0.12 -1.35	41.73 -0.05 -0.61	57.54 -0.07 -2.76	45.26 -0.18 -2.05	32.97 -0.28 -0.56	33.21 -0.22 -1.62
ETNA____115KV_TB2 80207	57.44 0.35 0.00	52.36 0.24 0.00	51.91 0.09 0.00	39.88 0.07 0.00	37.18 0.05 0.00	30.54 0.04 0.00	30.43 0.01 0.00	28.84 -0.05 -0.25	33.63 -0.18 -0.05	59.02 -0.55 0.00	62.12 -0.71 -5.99	58.75 -0.77 0.00	49.52 -0.62 0.00	41.57 -0.47 0.00	45.73 -0.65 0.00	33.12 -0.57 -0.01	30.97 -0.44 -1.38	35.77 -0.31 -3.25	37.74 -0.12 -1.35	41.73 -0.05 -0.61	57.54 -0.07 -2.76	45.26 -0.18 -2.05	32.97 -0.28 -0.56	33.21 -0.22 -1.62
EUCLID____115KV_TB2 356179	56.34 -0.76 0.00	51.41 -0.71 0.00	51.05 -0.76 0.00	39.21 -0.59 0.00	36.57 -0.56 0.00	30.03 -0.46 0.00	29.92 -0.51 0.00	28.07 -0.57 0.00	32.97 -0.79 0.00	58.00 -1.57 0.00	55.31 -1.54 0.00	57.94 -1.59 0.00	48.74 -1.40 0.00	40.87 -1.16 0.00	45.07 -1.31 0.00	32.73 -0.95 0.00	29.23 -0.81 0.00	32.01 -0.81 0.00	35.69 -0.82 0.00	40.24 -0.93 0.00	53.64 -1.22 0.00	42.42 -0.97 0.00	31.92 -0.76 0.00	31.19 -0.63 0.00
E_CANADA_CAP_HY 24051	60.07 2.97 0.00	54.70 2.58 0.00	54.34 2.53 0.00	41.79 1.99 0.00	38.97 1.84 0.00	31.90 1.41 0.00	31.78 1.36 0.00	29.75 1.11 0.00	35.12 1.36 0.00	62.05 2.48 0.00	58.65 1.81 0.00	61.54 2.01 0.00	51.49 1.36 0.00	43.16 1.12 0.00	47.69 1.30 0.00	34.66 0.98 0.00	30.91 0.88 0.00	33.86 1.04 0.00	37.93 1.42 0.00	42.84 1.67 0.00	57.10 2.25 0.00	45.15 1.76 0.00	33.75 1.06 0.00	32.85 1.03 0.00
E_CANADA_MHWK_HY 24050	56.12 -0.98 0.00	51.16 -0.96 0.00	50.74 -1.08 0.00	39.02 -0.78 0.00	36.44 -0.69 0.00	30.07 -0.42 0.00	29.95 -0.47 0.00	28.45 -0.19 0.00	33.52 -0.24 0.00	59.15 -0.41 0.00	56.76 -0.09 0.00	59.16 -0.37 0.00	50.01 -0.13 0.00	41.78 -0.25 0.00	46.17 -0.22 0.00	33.48 -0.20 0.00	29.97 -0.06 0.00	32.82 0.00 0.00	36.43 -0.08 0.00	41.21 0.04 0.00	54.98 0.12 0.00	43.32 -0.06 0.00	32.65 -0.03 0.00	31.76 -0.06 0.00
E_FISHKILL____LBMP 23776	58.29 1.20 0.00	53.32 1.20 0.00	52.73 0.91 0.00	40.51 0.70 0.00	37.83 0.70 0.00	31.09 0.60 0.00	31.16 0.74 0.00	29.56 0.92 0.00	34.90 1.14 0.00	61.69 2.13 0.00	58.71 1.86 0.00	61.35 1.83 0.00	51.88 1.75 0.00	43.39 1.36 0.00	47.90 1.52 0.00	34.83 1.14 0.00	31.08 1.05 0.00	34.04 1.22 0.00	37.91 1.40 0.00	42.96 1.79 0.00	57.24 2.38 0.00	45.15 1.76 0.00	34.00 1.32 0.00	33.00 1.17 0.00
FALCON____SEABRD_CC1 323796	57.83 0.73 0.00	52.60 0.48 0.00	52.75 0.93 0.00	40.54 0.73 0.00	37.95 0.82 0.00	31.22 0.73 0.00	31.23 0.81 0.00	29.36 0.72 0.00	34.74 0.98 0.00	61.56 1.99 0.00	58.78 1.93 0.00	61.67 2.15 0.00	52.00 1.87 0.00	43.44 1.41 0.00	47.70 1.32 0.00	34.53 0.85 0.00	30.92 0.89 0.00	33.55 0.73 0.00	36.98 0.47 0.00	41.67 0.50 0.00	54.99 0.13 0.00	43.42 0.03 0.00	32.85 0.17 0.00	31.77 -0.04 0.00

FALCON___SEABRD_CC2 323797	57.83 0.73 0.00	52.60 0.48 0.00	52.75 0.93 0.00	40.54 0.73 0.00	37.95 0.82 0.00	31.22 0.73 0.00	31.23 0.81 0.00	29.36 0.72 0.00	34.74 0.98 0.00	61.56 1.99 0.00	58.78 1.93 0.00	61.67 2.15 0.00	52.00 1.87 0.00	43.44 1.41 0.00	47.70 1.32 0.00	34.53 0.85 0.00	30.92 0.89 0.00	33.55 0.73 0.00	36.98 0.47 0.00	41.67 0.50 0.00	54.99 0.13 0.00	43.42 0.03 0.00	32.85 0.17 0.00	31.77 -0.04 0.00
FAR ROCKAWAY___4 23548	59.17 2.08 0.00	54.58 2.47 0.00	53.69 1.87 0.00	41.22 1.42 0.00	38.47 1.34 0.00	31.44 0.95 0.00	31.50 1.08 0.00	29.88 1.24 0.00	35.44 1.68 0.00	62.86 3.28 -0.01	59.67 2.80 -0.03	62.28 2.76 0.00	52.85 2.70 -0.02	44.18 2.15 0.00	48.94 2.54 -0.01	35.47 1.78 -0.01	31.61 1.57 0.00	47.11 1.85 -12.44	113.08 2.24 -74.34	58.84 2.79 -14.87	215.64 3.68 -157.10	85.83 2.63 -39.82	53.21 2.06 -18.47	33.79 1.96 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	58.79 1.69 0.00	53.76 1.65 0.00	53.05 1.23 0.00	40.79 0.99 0.00	38.12 0.99 0.00	31.30 0.81 0.00	31.42 1.00 0.00	29.84 1.20 0.00	35.28 1.52 0.00	62.43 2.86 0.00	59.34 2.50 0.00	62.02 2.50 0.00	52.48 2.35 0.00	43.83 1.79 0.00	48.38 2.00 0.00	35.19 1.51 0.00	31.38 1.35 0.00	34.40 1.58 0.00	38.34 1.83 0.00	43.57 2.40 0.00	57.98 3.12 0.00	45.70 2.31 0.00	34.40 1.72 0.00	33.34 1.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	58.80 1.71 0.00	53.78 1.66 0.00	53.07 1.25 0.00	40.81 1.01 0.00	38.13 1.00 0.00	31.30 0.82 0.00	31.43 1.01 0.00	29.85 1.21 0.00	35.28 1.52 0.00	62.45 2.88 0.00	59.35 2.51 0.00	62.05 2.53 0.00	52.50 2.36 0.00	43.84 1.81 0.00	48.41 2.02 0.00	35.21 1.53 0.00	31.40 1.37 0.00	34.42 1.60 0.00	38.36 1.85 0.00	43.60 2.43 0.00	58.00 3.14 0.00	45.73 2.34 0.00	34.41 1.73 0.00	33.36 1.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	58.76 1.66 0.00	53.75 1.63 0.00	53.03 1.21 0.00	40.78 0.97 0.00	38.10 0.96 0.00	31.28 0.80 0.00	31.40 0.98 0.00	29.82 1.19 0.00	35.25 1.49 0.00	62.40 2.83 0.00	59.30 2.46 0.00	62.00 2.48 0.00	52.45 2.31 0.00	43.80 1.77 0.00	48.36 1.98 0.00	35.17 1.50 0.00	31.37 1.34 0.00	34.40 1.57 0.00	38.32 1.81 0.00	43.56 2.38 0.00	57.94 3.08 0.00	45.68 2.30 0.00	34.38 1.70 0.00	33.33 1.51 0.00
FARRAGUT___LBMP 323566	58.73 1.63 0.00	53.71 1.59 0.00	53.00 1.18 0.00	40.75 0.95 0.00	38.08 0.95 0.00	31.27 0.78 0.00	31.39 0.97 0.00	29.80 1.16 0.00	35.23 1.47 0.00	62.37 2.80 0.00	59.26 2.42 0.00	61.95 2.43 0.00	52.43 2.29 0.00	43.77 1.74 0.00	48.32 1.94 0.00	35.15 1.47 0.00	31.35 1.32 0.00	34.36 1.54 0.00	38.29 1.78 0.00	43.52 2.35 0.00	57.91 3.05 0.00	45.66 2.27 0.00	34.36 1.68 0.00	33.30 1.48 0.00
FENNER___WINDPWR 24204	57.80 0.70 0.00	52.65 0.53 0.00	52.29 0.47 0.00	40.16 0.36 0.00	37.48 0.35 0.00	30.78 0.29 0.00	30.68 0.26 0.00	28.87 0.23 0.00	33.97 0.21 0.00	59.71 0.15 0.00	58.10 0.11 -1.15	59.62 0.09 0.00	50.23 0.09 0.00	42.17 0.14 0.00	46.48 0.09 0.00	33.77 0.09 0.00	30.18 0.12 -0.03	33.24 0.19 -0.22	36.76 0.25 0.00	41.43 0.25 0.00	55.22 0.36 0.00	43.50 0.11 0.00	32.65 -0.03 0.00	31.77 -0.04 0.00
FIBERTEK___ENERGY 23856	56.84 -0.25 0.00	51.86 -0.26 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.22 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.22 -0.54 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.39 -1.13 0.00	49.11 -1.03 0.00	41.18 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.57 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00
FITZPATRICK____ 23598	55.67 -1.43 0.00	50.80 -1.32 0.00	50.46 -1.36 0.00	38.76 -1.05 0.00	36.15 -0.98 0.00	29.69 -0.80 0.00	29.57 -0.86 0.00	27.73 -0.91 0.00	32.56 -1.20 0.00	57.32 -2.25 0.00	54.68 -2.17 0.00	57.28 -2.25 0.00	48.17 -1.96 0.00	40.35 -1.68 0.00	44.52 -1.86 0.00	32.33 -1.35 0.00	28.87 -1.17 0.00	31.57 -1.25 0.00	35.18 -1.33 0.00	39.66 -1.52 0.00	52.84 -2.02 0.00	41.85 -1.54 0.00	31.53 -1.15 0.00	30.84 -0.98 0.00
FLOWRFLD_69_KV_BK1 356044	58.39 1.29 0.00	54.43 2.31 0.00	53.32 1.50 0.00	40.91 1.11 0.00	38.18 1.05 0.00	31.00 0.51 0.00	31.01 0.58 0.00	29.45 0.81 0.00	34.92 1.16 0.00	62.00 2.43 0.00	58.66 1.82 0.00	61.25 1.73 0.00	52.09 1.96 0.00	43.63 1.60 0.00	48.73 2.35 0.00	35.13 1.45 0.00	31.25 1.22 0.00	33.21 1.70 1.32	31.72 1.84 6.63	44.51 2.39 -0.95	57.98 3.31 0.19	50.50 2.56 -4.55	37.98 1.97 -3.33	33.61 1.80 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	58.92 1.82 0.00	53.87 1.76 0.00	53.26 1.44 0.00	40.91 1.11 0.00	38.21 1.08 0.00	31.40 0.91 0.00	31.49 1.06 0.00	29.88 1.24 0.00	35.29 1.54 0.00	62.41 2.85 0.00	59.41 2.56 0.00	62.10 2.58 0.00	52.48 2.34 0.00	43.92 1.89 0.00	48.47 2.09 0.00	35.23 1.56 0.00	31.46 1.42 0.00	34.48 1.66 0.00	38.44 1.93 0.00	43.56 2.38 0.00	58.00 3.14 0.00	45.70 2.32 0.00	34.37 1.69 0.00	33.33 1.52 0.00
FORT ORANGE____ 23900	57.63 0.53 0.00	52.62 0.50 0.00	52.22 0.40 0.00	40.13 0.32 0.00	37.49 0.36 0.00	30.86 0.37 0.00	30.90 0.48 0.00	29.23 0.59 0.00	34.38 0.62 0.00	61.04 1.47 0.00	58.95 2.10 0.00	61.56 2.04 0.00	51.95 1.82 0.00	43.54 1.51 0.00	48.06 1.67 0.00	34.94 1.26 0.00	31.17 1.14 0.00	33.88 1.06 0.00	37.45 0.93 0.00	42.25 1.07 0.00	56.28 1.42 0.00	44.48 1.09 0.00	33.56 0.87 0.00	32.60 0.78 0.00
FORT_DRUM_COGEN 23780	58.21 1.11 0.00	52.38 0.26 0.00	52.41 0.59 0.00	40.36 0.55 0.00	37.66 0.53 0.00	30.58 0.09 0.00	30.65 0.23 0.00	29.00 0.36 0.00	34.25 0.49 0.00	59.81 0.24 0.00	56.96 0.12 0.00	58.79 -0.74 0.00	48.82 -1.31 0.00	41.50 -0.54 0.00	45.90 -0.49 0.00	33.48 -0.19 0.00	30.01 -0.02 0.00	33.00 0.18 0.00	36.68 0.16 0.00	41.32 0.14 0.00	55.08 0.22 0.00	42.83 -0.55 0.00	31.83 -0.86 0.00	30.78 -1.04 0.00
FOX_HILLS___ESR 323835	59.06 1.96 0.00	54.03 1.90 0.00	53.29 1.46 0.00	43.18 1.33 -2.05	38.70 1.26 -0.31	58.00 1.04 -26.47	44.97 1.20 -13.34	45.40 1.38 -15.38	52.42 1.70 -16.96	76.35 3.21 -13.57	59.68 2.83 -0.01	62.47 2.94 -0.01	56.23 2.68 -3.42	46.82 2.09 -2.70	49.43 2.31 -0.73	45.50 1.75 -10.07	45.47 1.60 -13.83	45.66 1.84 -11.00	46.37 2.12 -7.74	47.03 2.62 -3.24	58.14 3.29 0.00	63.21 2.52 -17.31	47.01 1.90 -12.43	46.35 1.72 -12.81
FPL FAR_ROCK_GT1 24212	59.17 2.08 0.00	54.58 2.46 0.00	53.69 1.87 0.00	41.23 1.42 0.00	38.47 1.34 0.00	31.44 0.95 0.00	31.51 1.09 0.00	29.88 1.24 0.00	35.44 1.67 0.00	62.85 3.28 -0.01	59.68 2.80 -0.03	62.28 2.76 0.00	52.85 2.70 -0.02	44.18 2.15 0.00	48.93 2.54 -0.01	35.47 1.78 -0.01	31.60 1.57 0.00	47.11 1.85 -12.44	113.09 2.24 -74.34	58.84 2.80 -14.87	215.61 3.65 -157.10	85.83 2.63 -39.82	53.21 2.06 -18.47	33.79 1.95 -0.02

FPL FAR_ROCK_GT2 23815	59.17 2.08 0.00	54.58 2.46 0.00	53.69 1.87 0.00	41.23 1.42 0.00	38.47 1.34 0.00	31.44 0.95 0.00	31.51 1.09 0.00	29.88 1.24 0.00	35.44 1.67 0.00	62.85 3.28 -0.01	59.68 2.80 -0.03	62.28 2.76 0.00	52.85 2.70 -0.02	44.18 2.15 0.00	48.93 2.54 -0.01	35.47 1.78 -0.01	31.60 1.57 0.00	47.11 1.85 -12.44	113.09 2.24 -74.34	58.84 2.80 -14.87	215.61 3.65 -157.10	85.83 2.63 -39.82	53.21 2.06 -18.47	33.79 1.95 -0.02
FRANKLIN_FALL_HYD 24054	57.95 0.85 0.00	52.70 0.59 0.00	52.89 1.07 0.00	40.66 0.86 0.00	37.99 0.86 0.00	31.20 0.70 0.00	31.24 0.82 0.00	29.41 0.77 0.00	34.87 1.11 0.00	61.85 2.29 0.00	59.02 2.18 0.00	61.87 2.35 0.00	51.99 1.86 0.00	43.44 1.41 0.00	47.90 1.52 0.00	34.72 1.04 0.00	30.99 0.95 0.00	33.66 0.84 0.00	37.24 0.73 0.00	41.89 0.71 0.00	55.30 0.44 0.00	43.66 0.27 0.00	32.89 0.20 0.00	31.74 -0.08 0.00
FREEPORT_EQUS_GT1 23764	58.58 1.49 0.00	54.25 2.13 0.00	53.36 1.54 0.00	40.97 1.17 0.00	38.25 1.12 0.00	31.25 0.76 0.00	31.32 0.90 0.00	29.71 1.07 0.00	35.22 1.46 0.00	62.46 2.89 0.00	59.27 2.41 -0.01	61.65 2.13 0.00	52.48 2.34 0.00	43.90 1.87 0.00	48.65 2.27 -0.01	35.24 1.56 0.00	31.40 1.37 0.00	38.25 1.73 -3.71	61.26 2.00 -22.75	49.49 2.39 -5.93	114.81 3.41 -56.53	63.38 2.54 -17.46	43.70 1.95 -9.07	33.58 1.76 -0.01
FREEPORT___CT2 23818	58.58 1.49 0.00	54.25 2.13 0.00	53.36 1.54 0.00	40.97 1.17 0.00	38.25 1.12 0.00	31.25 0.76 0.00	31.32 0.90 0.00	29.71 1.07 0.00	35.22 1.46 0.00	62.46 2.89 0.00	59.27 2.41 -0.01	61.65 2.13 0.00	52.48 2.34 0.00	43.90 1.87 0.00	48.65 2.27 -0.01	35.24 1.56 0.00	31.40 1.37 0.00	38.25 1.73 -3.71	61.26 2.00 -22.75	49.49 2.39 -5.93	114.81 3.41 -56.53	63.38 2.54 -17.46	43.70 1.95 -9.07	33.58 1.76 -0.01
FRESHKLS_33_KV_LOAD 356253	58.97 1.87 0.00	53.93 1.81 0.00	53.17 1.36 0.00	43.13 1.28 -2.05	38.67 1.23 -0.31	57.96 1.00 -26.47	44.92 1.16 -13.34	45.36 1.34 -15.38	52.36 1.64 -16.96	76.22 3.09 -13.57	59.60 2.76 -0.01	62.39 2.86 -0.01	56.13 2.58 -3.42	46.73 2.00 -2.70	49.36 2.24 -0.73	45.46 1.72 -10.07	45.44 1.57 -13.83	45.63 1.82 -11.00	46.33 2.08 -7.74	46.96 2.54 -3.24	58.00 3.14 0.00	60.52 2.41 -14.73	46.95 1.84 -12.43	46.30 1.67 -12.81
FULTON COGEN____ 23766	56.11 -0.99 0.00	51.19 -0.92 0.00	50.85 -0.97 0.00	39.05 -0.76 0.00	36.42 -0.71 0.00	29.90 -0.59 0.00	29.80 -0.62 0.00	27.96 -0.68 0.00	32.82 -0.94 0.00	57.76 -1.81 0.00	55.05 -1.79 0.00	57.68 -1.84 0.00	48.45 -1.68 0.00	40.63 -1.40 0.00	44.79 -1.59 0.00	32.56 -1.12 0.00	29.11 -0.92 0.00	31.89 -0.93 0.00	35.55 -0.96 0.00	40.09 -1.09 0.00	53.41 -1.45 0.00	42.24 -1.15 0.00	31.78 -0.90 0.00	31.06 -0.76 0.00
FULTON___LFGE 323630	60.12 3.02 0.00	54.76 2.64 0.00	54.40 2.58 0.00	41.80 2.00 0.00	39.00 1.87 0.00	31.98 1.50 0.00	31.93 1.50 0.00	30.01 1.37 0.00	35.42 1.66 0.00	62.53 2.96 0.00	59.24 2.40 0.00	61.96 2.44 0.00	51.98 1.84 0.00	43.52 1.49 0.00	48.09 1.71 0.00	35.01 1.33 0.00	31.28 1.24 0.00	34.30 1.48 0.00	38.35 1.84 0.00	43.33 2.16 0.00	57.72 2.86 0.00	45.57 2.18 0.00	34.14 1.46 0.00	33.17 1.35 0.00
G.F.CEMENT___DRP 24184	60.28 3.19 0.00	54.80 2.68 0.00	54.44 2.62 0.00	41.75 1.94 0.00	38.97 1.84 0.00	32.06 1.57 0.00	32.09 1.67 0.00	30.40 1.76 0.00	35.90 2.14 0.00	63.04 3.47 0.00	60.10 3.26 0.00	62.80 3.27 0.00	53.09 2.96 0.00	44.57 2.54 0.00	49.23 2.84 0.00	35.64 1.96 0.00	31.89 1.86 0.00	35.01 2.19 0.00	38.85 2.34 0.00	43.75 2.58 0.00	58.36 3.50 0.00	46.15 2.77 0.00	34.51 1.83 0.00	33.49 1.67 0.00
GARDENVILLE___LBMP 24039	54.67 -2.43 0.00	49.98 -2.14 0.00	49.73 -2.09 0.00	38.07 -1.73 0.00	35.39 -1.75 0.00	28.96 -1.53 0.00	28.53 -1.89 0.00	25.92 -2.20 0.52	31.05 -2.61 0.10	54.44 -5.13 0.00	50.38 -4.95 1.51	54.88 -4.64 0.00	45.91 -4.23 0.00	38.87 -3.16 0.00	42.76 -3.62 0.00	30.87 -2.80 0.00	24.79 -2.63 2.60	25.14 -2.97 4.71	30.83 -2.82 2.86	36.57 -3.32 1.29	44.73 -4.31 5.82	35.42 -3.64 4.33	28.66 -2.84 1.19	25.75 -2.66 3.41
GARDNVLA_35_KV_LD 355827	54.91 -2.18 0.00	50.18 -1.94 0.00	49.94 -1.88 0.00	38.24 -1.56 0.00	35.54 -1.59 0.00	29.10 -1.39 0.00	28.67 -1.75 0.00	26.08 -2.08 0.49	31.20 -2.47 0.10	54.71 -4.86 0.00	50.65 -4.63 1.56	55.21 -4.31 0.00	46.18 -3.96 0.00	39.12 -2.91 0.00	43.04 -3.34 0.00	31.05 -2.63 0.00	25.15 -2.47 2.41	25.63 -2.80 4.39	31.23 -2.64 2.65	36.85 -3.13 1.19	45.44 -4.03 5.39	35.98 -3.40 4.01	28.91 -2.67 1.10	26.17 -2.49 3.16
GELCKHM__115KV_LOAD 80723	56.51 -0.59 0.00	51.56 -0.56 0.00	51.19 -0.63 0.00	39.31 -0.49 0.00	36.66 -0.47 0.00	30.11 -0.38 0.00	30.00 -0.43 0.00	28.14 -0.49 0.00	33.05 -0.71 0.00	58.15 -1.42 0.00	55.45 -1.40 0.00	58.08 -1.44 0.00	48.86 -1.28 0.00	40.97 -1.06 0.00	45.19 -1.19 0.00	32.81 -0.87 0.00	29.31 -0.73 0.00	32.11 -0.71 0.00	35.80 -0.71 0.00	40.37 -0.80 0.00	53.81 -1.05 0.00	42.55 -0.84 0.00	32.01 -0.68 0.00	31.28 -0.54 0.00
GENERAL___MILLS 23808	54.79 -2.30 0.00	50.08 -2.04 0.00	49.84 -1.98 0.00	38.16 -1.64 0.00	35.47 -1.67 0.00	29.04 -1.45 0.00	28.61 -1.81 0.00	26.00 -2.14 0.50	31.13 -2.53 0.10	54.57 -5.00 0.00	50.51 -4.79 1.54	55.06 -4.47 0.00	46.05 -4.09 0.00	39.00 -3.04 0.00	42.90 -3.48 0.00	30.96 -2.72 0.00	25.00 -2.56 2.48	25.42 -2.90 4.50	31.06 -2.73 2.72	36.72 -3.23 1.22	45.15 -4.17 5.54	35.74 -3.53 4.12	28.80 -2.75 1.13	26.01 -2.56 3.24
GE_PLASTICS___DRP 24183	57.51 0.42 0.00	52.53 0.41 0.00	52.14 0.32 0.00	40.09 0.28 0.00	37.45 0.31 0.00	30.79 0.30 0.00	30.81 0.38 0.00	29.12 0.48 0.00	34.27 0.51 0.00	60.68 1.12 0.00	58.36 1.51 0.00	60.98 1.45 0.00	51.48 1.34 0.00	43.14 1.11 0.00	47.62 1.24 0.00	34.61 0.93 0.00	30.87 0.83 0.00	33.63 0.80 0.00	37.23 0.72 0.00	42.00 0.83 0.00	55.97 1.11 0.00	44.25 0.86 0.00	33.38 0.70 0.00	32.46 0.64 0.00
GILBOA___1 23756	57.65 0.55 0.00	52.67 0.56 0.00	52.41 0.59 0.00	40.39 0.59 0.00	37.71 0.58 0.00	30.98 0.49 0.00	30.88 0.46 0.00	29.08 0.44 0.00	34.28 0.52 0.00	60.52 0.95 0.00	57.74 0.90 0.00	60.37 0.85 0.00	50.96 0.82 0.00	42.69 0.66 0.00	47.12 0.74 0.00	34.22 0.54 0.00	30.54 0.50 0.00	33.40 0.58 0.00	37.15 0.64 0.00	41.90 0.73 0.00	55.87 1.01 0.00	44.20 0.81 0.00	33.29 0.61 0.00	32.37 0.55 0.00
GILBOA___2 23757	57.65 0.55 0.00	52.67 0.56 0.00	52.41 0.59 0.00	40.39 0.59 0.00	37.71 0.58 0.00	30.98 0.49 0.00	30.88 0.46 0.00	29.08 0.44 0.00	34.28 0.52 0.00	60.52 0.95 0.00	57.74 0.90 0.00	60.37 0.85 0.00	50.96 0.82 0.00	42.69 0.66 0.00	47.12 0.74 0.00	34.22 0.54 0.00	30.54 0.50 0.00	33.40 0.58 0.00	37.15 0.64 0.00	41.90 0.73 0.00	55.87 1.01 0.00	44.20 0.81 0.00	33.29 0.61 0.00	32.37 0.55 0.00

GILBOA___3 23758	57.65 0.55 0.00	52.67 0.56 0.00	52.41 0.59 0.00	40.39 0.59 0.00	37.71 0.58 0.00	30.98 0.49 0.00	30.88 0.46 0.00	29.08 0.44 0.00	34.28 0.52 0.00	60.52 0.95 0.00	57.74 0.90 0.00	60.37 0.85 0.00	50.96 0.82 0.00	42.69 0.66 0.00	47.12 0.74 0.00	34.22 0.54 0.00	30.54 0.50 0.00	33.40 0.58 0.00	37.15 0.64 0.00	41.90 0.73 0.00	55.87 1.01 0.00	44.20 0.81 0.00	33.29 0.61 0.00	32.37 0.55 0.00
GILBOA___4 23759	57.65 0.55 0.00	52.67 0.56 0.00	52.41 0.59 0.00	40.39 0.59 0.00	37.71 0.58 0.00	30.98 0.49 0.00	30.88 0.46 0.00	29.08 0.44 0.00	34.28 0.52 0.00	60.52 0.95 0.00	57.74 0.90 0.00	60.37 0.85 0.00	50.96 0.82 0.00	42.69 0.66 0.00	47.12 0.74 0.00	34.22 0.54 0.00	30.54 0.50 0.00	33.40 0.58 0.00	37.15 0.64 0.00	41.90 0.73 0.00	55.87 1.01 0.00	44.20 0.81 0.00	33.29 0.61 0.00	32.37 0.55 0.00
GILBOA___ 23599	57.65 0.55 0.00	52.67 0.55 0.00	52.40 0.59 0.00	40.39 0.59 0.00	37.71 0.58 0.00	30.98 0.49 0.00	30.89 0.46 0.00	29.08 0.44 0.00	34.28 0.52 0.00	60.52 0.95 0.00	57.75 0.90 0.00	60.37 0.85 0.00	50.96 0.83 0.00	42.69 0.66 0.00	47.13 0.74 0.00	34.22 0.54 0.00	30.54 0.50 0.00	33.40 0.58 0.00	37.15 0.64 0.00	41.90 0.73 0.00	55.86 1.01 0.00	44.19 0.80 0.00	33.29 0.61 0.00	32.37 0.55 0.00
GINNA___ 23603	53.62 -3.48 0.00	48.94 -3.18 0.00	48.66 -3.16 0.00	37.27 -2.53 0.00	34.71 -2.42 0.00	28.49 -2.00 0.00	28.30 -2.13 0.00	26.41 -2.22 0.00	31.09 -2.67 0.00	54.53 -5.04 0.00	51.25 -4.77 0.83	54.79 -4.73 0.00	45.92 -4.22 0.00	38.68 -3.35 0.00	42.69 -3.70 0.00	30.89 -2.79 0.00	27.57 -2.44 0.02	30.01 -2.65 0.16	33.74 -2.77 0.00	37.97 -3.20 0.00	50.69 -4.17 0.00	39.93 -3.45 0.00	29.98 -2.70 0.00	29.28 -2.54 0.00
GLEN PARK___ 23778	58.32 1.23 0.00	52.48 0.36 0.00	52.49 0.67 0.00	40.42 0.61 0.00	37.72 0.59 0.00	30.64 0.15 0.00	30.71 0.28 0.00	29.05 0.41 0.00	34.32 0.56 0.00	59.89 0.33 0.00	57.00 0.16 0.00	58.74 -0.79 0.00	48.82 -1.31 0.00	41.56 -0.47 0.00	45.96 -0.43 0.00	33.53 -0.14 0.00	30.10 0.06 0.00	33.10 0.29 0.00	36.80 0.29 0.00	41.46 0.29 0.00	55.26 0.40 0.00	42.96 -0.42 0.00	31.92 -0.76 0.00	30.86 -0.96 0.00
GLENDALE_27_KV_LOAD 356172	59.10 2.01 0.00	54.04 1.93 0.00	53.36 1.54 0.00	41.94 1.26 -0.88	38.37 1.24 -0.01	32.80 1.01 -1.30	31.81 1.18 -0.21	30.32 1.37 -0.31	35.46 1.70 0.00	62.81 3.25 0.00	59.74 2.90 0.00	62.47 2.95 0.00	55.75 2.73 -2.89	46.29 2.13 -2.13	48.96 2.37 -0.21	39.33 1.77 -3.87	31.78 1.58 -0.16	34.65 1.83 0.00	38.62 2.11 0.00	51.24 2.70 -7.37	106.87 3.52 -48.50	51.83 2.61 -5.83	34.61 1.93 0.00	33.55 1.73 0.00
GLENWOOD_IC_1_G5 23712	58.84 1.74 0.00	54.10 1.99 0.00	53.30 1.48 0.00	40.94 1.14 0.00	38.23 1.10 0.00	31.31 0.82 0.00	31.40 0.98 0.00	29.80 1.16 0.00	35.26 1.50 0.00	62.47 2.90 0.00	59.34 2.49 -0.01	61.98 2.45 0.00	52.52 2.38 0.00	43.91 1.88 0.00	48.59 2.20 -0.01	35.24 1.56 0.00	31.42 1.39 0.00	37.60 1.68 -3.09	57.02 1.95 -18.55	48.58 2.45 -4.95	105.39 3.31 -47.23	61.75 2.45 -15.92	43.53 1.85 -9.00	33.49 1.67 0.00
GLENWOOD_IC_2_G1 23688	58.65 1.55 0.00	53.85 1.74 0.00	53.08 1.27 0.00	40.79 0.98 0.00	38.09 0.95 0.00	31.23 0.73 0.00	31.32 0.89 0.00	29.72 1.08 0.00	35.16 1.40 0.00	62.24 2.67 0.00	59.13 2.29 0.00	61.78 2.26 0.00	52.32 2.18 0.00	43.73 1.70 0.00	48.35 1.97 0.00	35.11 1.43 0.00	31.30 1.27 0.00	34.44 1.53 -0.08	38.78 1.78 -0.48	43.59 2.28 -0.13	59.17 3.02 -1.29	46.12 2.24 -0.49	34.67 1.68 -0.31	33.33 1.51 0.00
GLENWOOD_IC_3_G1 23689	58.65 1.55 0.00	53.85 1.74 0.00	53.08 1.27 0.00	40.79 0.98 0.00	38.09 0.95 0.00	31.23 0.73 0.00	31.32 0.89 0.00	29.72 1.08 0.00	35.16 1.40 0.00	62.24 2.67 0.00	59.13 2.29 0.00	61.78 2.26 0.00	52.32 2.18 0.00	43.73 1.70 0.00	48.35 1.97 0.00	35.11 1.43 0.00	31.30 1.27 0.00	34.44 1.53 -0.08	38.78 1.78 -0.48	43.59 2.28 -0.13	59.17 3.02 -1.29	46.12 2.24 -0.49	34.67 1.68 -0.31	33.33 1.51 0.00
GLENWOOD___4 23550	58.84 1.74 0.00	54.10 1.99 0.00	53.30 1.48 0.00	40.94 1.14 0.00	38.23 1.10 0.00	31.31 0.82 0.00	31.40 0.98 0.00	29.80 1.16 0.00	35.26 1.50 0.00	62.47 2.90 0.00	59.34 2.49 -0.01	61.98 2.45 0.00	52.52 2.38 0.00	43.91 1.88 0.00	48.59 2.20 -0.01	35.24 1.56 0.00	31.42 1.39 0.00	37.60 1.68 -3.09	57.02 1.95 -18.55	48.58 2.45 -4.95	105.39 3.31 -47.23	61.75 2.45 -15.92	43.53 1.85 -9.00	33.49 1.67 0.00
GLENWOOD___5 23614	58.84 1.74 0.00	54.10 1.99 0.00	53.30 1.48 0.00	40.94 1.14 0.00	38.23 1.10 0.00	31.31 0.82 0.00	31.40 0.98 0.00	29.80 1.16 0.00	35.26 1.50 0.00	62.47 2.90 0.00	59.34 2.49 -0.01	61.98 2.45 0.00	52.52 2.38 0.00	43.91 1.88 0.00	48.59 2.20 -0.01	35.24 1.56 0.00	31.42 1.39 0.00	37.60 1.68 -3.09	57.02 1.95 -18.55	48.58 2.45 -4.95	105.39 3.31 -47.23	61.75 2.45 -15.92	43.53 1.85 -9.00	33.49 1.67 0.00
GLOBAL GREEN_PORT_GT1 23814	58.37 1.27 0.00	54.78 2.66 0.00	53.68 1.86 0.00	40.96 1.15 0.00	38.31 1.18 0.00	30.80 0.31 0.00	30.85 0.43 0.00	29.29 0.65 0.00	34.74 0.98 0.00	61.83 2.26 0.00	58.50 1.66 0.00	61.51 1.99 0.00	52.43 2.30 0.00	43.75 1.72 0.00	49.42 3.03 0.00	35.47 1.79 0.00	31.61 1.58 0.00	33.80 2.36 1.38	32.04 2.53 7.00	45.34 3.27 -0.89	58.53 4.57 0.90	51.39 3.62 -4.39	38.68 2.75 -3.25	34.14 2.33 0.00
GLOBE___DSASP 323697	53.52 -3.58 0.00	48.94 -3.18 0.00	48.78 -3.04 0.00	37.26 -2.54 0.00	34.63 -2.50 0.00	28.38 -2.11 0.00	27.96 -2.46 0.00	25.10 -2.89 0.65	30.23 -3.41 0.13	52.98 -6.59 0.00	48.97 -6.49 1.38	53.46 -6.06 0.00	44.71 -5.43 0.00	37.92 -4.11 0.00	41.72 -4.66 0.00	30.23 -3.45 0.00	23.53 -3.31 3.19	23.30 -3.82 5.70	29.26 -3.74 3.51	35.28 -4.31 1.58	41.89 -5.82 7.16	33.29 -4.77 5.32	27.71 -3.52 1.46	24.29 -3.34 4.19
GOETHSLN___LBMP 323567	58.42 1.32 0.00	53.42 1.30 0.00	52.69 0.87 0.00	40.51 0.70 0.00	37.87 0.73 0.00	31.09 0.60 0.00	31.22 0.80 0.00	29.65 1.02 0.00	35.05 1.29 0.00	62.04 2.48 0.00	58.92 2.08 0.00	61.58 2.06 0.00	52.13 1.99 0.00	43.53 1.50 0.00	48.05 1.66 0.00	34.97 1.29 0.00	31.18 1.14 0.00	34.19 1.37 0.00	38.11 1.61 0.00	43.34 2.17 0.00	57.68 2.82 0.00	45.44 2.05 0.00	34.19 1.51 0.00	33.14 1.32 0.00
GOLAH___69_KV_TB 1_2 80279	56.01 -1.09 0.00	51.16 -0.96 0.00	50.85 -0.97 0.00	38.92 -0.88 0.00	36.22 -0.91 0.00	29.71 -0.78 0.00	29.45 -0.97 0.00	27.30 -1.20 0.14	32.27 -1.46 0.03	56.53 -3.03 0.00	53.04 -2.85 0.95	56.92 -2.60 0.00	47.52 -2.61 0.00	40.16 -1.87 0.00	44.32 -2.06 0.00	32.06 -1.62 0.00	27.89 -1.45 0.69	29.91 -1.59 1.33	34.31 -1.46 0.74	39.10 -1.74 0.33	51.17 -2.18 1.51	40.34 -1.93 1.12	30.82 -1.55 0.31	29.50 -1.44 0.88

GOODYEAR_LAKE_HYD 323669	58.61 1.52 0.00	53.45 1.34 0.00	53.01 1.19 0.00	40.77 0.96 0.00	38.03 0.90 0.00	31.21 0.72 0.00	31.15 0.73 0.00	29.31 0.67 0.00	34.59 0.83 0.00	61.07 1.51 0.00	57.91 1.07 0.00	60.64 1.12 0.00	51.03 0.90 0.00	42.77 0.74 0.00	47.21 0.82 0.00	34.26 0.59 0.00	30.56 0.53 0.00	33.50 0.68 0.00	37.47 0.96 0.00	42.33 1.16 0.00	56.40 1.55 0.00	44.50 1.11 0.00	33.38 0.69 0.00	32.46 0.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	56.46 -0.64 0.00	51.45 -0.67 0.00	50.97 -0.85 0.00	39.20 -0.60 0.00	36.54 -0.59 0.00	30.02 -0.47 0.00	29.87 -0.55 0.00	28.17 -0.47 0.00	33.13 -0.63 0.00	58.30 -1.27 0.00	54.60 -1.43 0.82	58.11 -1.41 0.00	48.87 -1.26 0.00	41.02 -1.02 0.00	45.18 -1.20 0.00	32.76 -0.92 0.00	29.22 -0.79 0.02	31.92 -0.75 0.16	35.93 -0.58 0.00	40.60 -0.57 0.00	54.12 -0.74 0.00	42.65 -0.74 0.00	32.03 -0.66 0.00	31.19 -0.64 0.00
GOUDEY___7 23579	56.46 -0.64 0.00	51.45 -0.67 0.00	50.97 -0.85 0.00	39.20 -0.60 0.00	36.54 -0.59 0.00	30.02 -0.47 0.00	29.87 -0.55 0.00	28.17 -0.47 0.00	33.13 -0.63 0.00	58.30 -1.27 0.00	54.60 -1.43 0.82	58.11 -1.41 0.00	48.87 -1.26 0.00	41.02 -1.02 0.00	45.18 -1.20 0.00	32.76 -0.92 0.00	29.22 -0.79 0.02	31.92 -0.75 0.16	35.93 -0.58 0.00	40.60 -0.57 0.00	54.12 -0.74 0.00	42.65 -0.74 0.00	32.03 -0.66 0.00	31.19 -0.64 0.00
GOUDEY___8 23580	56.46 -0.64 0.00	51.45 -0.67 0.00	50.97 -0.85 0.00	39.20 -0.60 0.00	36.54 -0.59 0.00	30.02 -0.47 0.00	29.87 -0.55 0.00	28.17 -0.47 0.00	33.13 -0.63 0.00	58.30 -1.27 0.00	54.60 -1.43 0.82	58.11 -1.41 0.00	48.87 -1.26 0.00	41.02 -1.02 0.00	45.18 -1.20 0.00	32.76 -0.92 0.00	29.22 -0.79 0.02	31.92 -0.75 0.16	35.93 -0.58 0.00	40.60 -0.57 0.00	54.12 -0.74 0.00	42.65 -0.74 0.00	32.03 -0.66 0.00	31.19 -0.64 0.00
GOWANUS_GT1_1 24077	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_2 24078	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_3 24079	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_4 24080	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_5 24084	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_6 24111	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_7 24112	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT1_8 24113	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_1 24114	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_2 24115	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_3 24116	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81

GOWANUS_GT2_4 24117	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_5 24118	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_6 24119	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_7 24120	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT2_8 24121	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT3_1 24122	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT3_2 24123	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12

GOWANUS_GT4_3 24132	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.49 2.23 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT4_4 24133	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.49 2.23 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT4_5 24134	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.49 2.23 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT4_6 24135	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.49 2.23 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT4_7 24136	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.49 2.23 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GOWANUS_GT4_8 24137	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.49 2.23 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GREENBSH_115KV_TB3 55895	57.28 0.19 0.00	52.31 0.19 0.00	51.92 0.10 0.00	39.91 0.10 0.00	37.27 0.14 0.00	30.68 0.19 0.00	30.72 0.30 0.00	29.06 0.42 0.00	34.17 0.40 0.00	60.69 1.12 0.00	58.65 1.81 0.00	61.24 1.72 0.00	51.71 1.57 0.00	43.35 1.31 0.00	47.86 1.48 0.00	34.77 1.09 0.00	31.00 0.96 0.00	33.70 0.88 0.00	37.19 0.68 0.00	41.96 0.79 0.00	55.92 1.07 0.00	44.22 0.83 0.00	33.37 0.69 0.00	32.43 0.61 0.00
GREENIDGE_115KV_TB5 80291	56.02 -1.07 0.00	51.06 -1.06 0.00	50.56 -1.26 0.00	39.05 -0.76 0.00	36.41 -0.72 0.00	29.89 -0.60 0.00	29.66 -0.77 0.00	28.99 -0.84 -1.20	32.87 -1.13 -0.24	57.07 -2.50 0.00	49.68 -2.55 4.61	57.08 -2.44 0.00	48.11 -2.03 0.00	40.25 -1.78 0.00	44.27 -2.12 0.00	31.87 -1.81 0.00	34.24 -1.52 -5.72	40.66 -1.34 -9.18	41.90 -1.13 -6.52	42.90 -1.21 -2.94	66.16 -1.98 -13.28	51.56 -1.70 -9.88	34.05 -1.34 -2.71	38.35 -1.25 -7.78
GREENIDGE___3 23582	56.02 -1.07 0.00	51.06 -1.06 0.00	50.56 -1.26 0.00	39.05 -0.76 0.00	36.41 -0.72 0.00	29.89 -0.60 0.00	29.66 -0.77 0.00	28.99 -0.84 -1.20	32.87 -1.13 -0.24	57.07 -2.50 0.00	49.68 -2.55 4.61	57.08 -2.44 0.00	48.11 -2.03 0.00	40.25 -1.78 0.00	44.27 -2.12 0.00	31.87 -1.81 0.00	34.24 -1.52 -5.72	40.66 -1.34 -9.18	41.90 -1.13 -6.52	42.90 -1.21 -2.94	66.16 -1.98 -13.28	51.56 -1.70 -9.88	34.05 -1.34 -2.71	38.35 -1.25 -7.78
GREENIDGE___4 23583	56.02 -1.07 0.00	51.06 -1.06 0.00	50.56 -1.26 0.00	39.05 -0.76 0.00	36.41 -0.72 0.00	29.89 -0.60 0.00	29.66 -0.77 0.00	29.00 -0.84 -1.20	32.88 -1.12 -0.24	57.07 -2.50 0.00	49.68 -2.55 4.61	57.06 -2.47 0.00	48.11 -2.03 0.00	40.25 -1.78 0.00	44.27 -2.12 0.00	31.87 -1.80 0.00	34.25 -1.51 -5.72	40.68 -1.33 -9.18	41.89 -1.15 -6.52	42.89 -1.22 -2.94	66.16 -1.98 -13.28	51.57 -1.70 -9.88	34.06 -1.34 -2.71	38.35 -1.25 -7.78
GREENLWN_69_KV_BK 3 55738	58.27 1.17 0.00	53.96 1.84 0.00	53.04 1.22 0.00	40.71 0.91 0.00	38.01 0.88 0.00	31.00 0.51 0.00	31.05 0.63 0.00	29.45 0.81 0.00	34.89 1.13 0.00	61.89 2.32 0.00	58.63 1.79 0.00	61.19 1.67 0.00	52.00 1.86 0.00	43.51 1.48 0.00	48.32 1.94 0.00	34.95 1.27 0.00	31.14 1.11 0.00	33.16 1.48 1.14	32.58 1.68 5.61	44.47 2.14 -1.15	59.75 2.97 -1.93	50.67 2.20 -5.09	37.95 1.69 -3.58	33.35 1.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
GRISSOM___SOLAR 323813	59.99 2.90 0.00	54.65 2.54 0.00	54.29 2.47 0.00	41.71 1.91 0.00	38.93 1.80 0.00	31.95 1.46 0.00	31.89 1.46 0.00	30.01 1.38 0.00	35.41 1.65 0.00	62.49 2.92 0.00	59.26 2.42 0.00	61.95 2.42 0.00	52.00 1.86 0.00	43.52 1.49 0.00	48.10 1.72 0.00	35.02 1.34 0.00	31.30 1.27 0.00	34.34 1.51 0.00	38.35 1.84 0.00	43.34 2.17 0.00	57.72 2.87 0.00	45.58 2.19 0.00	34.17 1.49 0.00	33.19 1.37 0.00
GROVEVILLE___HYD 323602	58.92 1.82 0.00	53.87 1.76 0.00	53.26 1.44 0.00	40.91 1.11 0.00	38.21 1.08 0.00	31.40 0.91 0.00	31.49 1.06 0.00	29.88 1.24 0.00	35.29 1.54 0.00	62.41 2.85 0.00	59.41 2.56 0.00	62.10 2.58 0.00	52.48 2.34 0.00	43.92 1.89 0.00	48.47 2.09 0.00	35.23 1.56 0.00	31.46 1.42 0.00	34.48 1.66 0.00	38.44 1.93 0.00	43.56 2.38 0.00	58.00 3.14 0.00	45.70 2.32 0.00	34.37 1.69 0.00	33.33 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	56.84 -0.25 0.00	51.86 -0.26 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.22 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.22 -0.54 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.39 -1.13 0.00	49.11 -1.03 0.00	41.18 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.57 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00

HAMLTNNY_34_KV_TB 80303	56.86 -0.24 0.00	51.88 -0.24 0.00	51.49 -0.33 0.00	39.54 -0.26 0.00	36.88 -0.25 0.00	30.30 -0.20 0.00	30.18 -0.24 0.00	28.30 -0.34 0.00	33.20 -0.56 0.00	58.36 -1.20 0.00	55.68 -1.16 0.00	58.32 -1.21 0.00	49.05 -1.08 0.00	41.14 -0.89 0.00	45.36 -1.02 0.00	32.94 -0.74 0.00	29.41 -0.62 0.00	32.28 -0.55 0.00	36.01 -0.50 0.00	40.62 -0.56 0.00	54.15 -0.72 0.00	42.80 -0.59 0.00	32.14 -0.54 0.00	31.43 -0.39 0.00
HAMPSHIRE___PAPER_HYD 323593	57.02 -0.08 0.00	51.63 -0.49 0.00	51.64 -0.18 0.00	39.69 -0.12 0.00	37.02 -0.11 0.00	30.19 -0.30 0.00	30.23 -0.19 0.00	28.54 -0.10 0.00	33.80 0.04 0.00	59.45 -0.11 0.00	56.69 -0.15 0.00	59.11 -0.41 0.00	49.25 -0.89 0.00	41.52 -0.51 0.00	45.87 -0.51 0.00	33.37 -0.31 0.00	29.77 -0.26 0.00	32.59 -0.23 0.00	36.21 -0.30 0.00	40.70 -0.47 0.00	54.21 -0.65 0.00	42.46 -0.92 0.00	31.78 -0.90 0.00	30.74 -1.08 0.00
HARDSCRABBLE_WT_PWR 323673	56.13 -0.97 0.00	51.15 -0.97 0.00	50.77 -1.05 0.00	39.06 -0.75 0.00	36.46 -0.67 0.00	30.04 -0.45 0.00	29.91 -0.51 0.00	28.34 -0.30 0.00	33.39 -0.38 0.00	58.97 -0.60 0.00	56.53 -0.32 0.00	59.02 -0.50 0.00	49.90 -0.24 0.00	41.73 -0.31 0.00	46.06 -0.32 0.00	33.39 -0.29 0.00	29.84 -0.19 0.00	32.65 -0.18 0.00	36.25 -0.26 0.00	40.99 -0.18 0.00	54.69 -0.16 0.00	43.12 -0.27 0.00	32.50 -0.18 0.00	31.67 -0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	58.45 1.35 0.00	53.39 1.28 0.00	52.73 0.91 0.00	40.50 0.69 0.00	37.82 0.69 0.00	31.06 0.57 0.00	31.15 0.73 0.00	29.56 0.92 0.00	34.92 1.17 0.00	61.78 2.22 0.00	58.74 1.89 0.00	61.40 1.88 0.00	51.92 1.79 0.00	43.45 1.42 0.00	47.95 1.56 0.00	34.84 1.16 0.00	31.11 1.07 0.00	34.11 1.29 0.00	38.06 1.55 0.00	43.16 1.99 0.00	57.52 2.66 0.00	45.28 1.90 0.00	34.05 1.36 0.00	33.01 1.19 0.00
HARSNRAD_115KV_TB1 81005	54.00 -3.09 0.00	49.45 -2.67 0.00	49.24 -2.58 0.00	37.66 -2.15 0.00	35.00 -2.13 0.00	28.67 -1.82 0.00	28.25 -2.17 0.00	25.18 -2.64 0.82	30.44 -3.16 0.16	53.43 -6.14 0.00	49.78 -5.67 1.39	54.16 -5.36 0.00	45.24 -4.89 0.00	38.32 -3.71 0.00	42.18 -4.20 0.00	30.42 -3.26 0.00	22.97 -3.03 4.03	22.24 -3.43 7.15	28.68 -3.38 4.45	35.20 -3.97 2.01	40.67 -5.12 9.06	32.38 -4.27 6.74	27.56 -3.27 1.85	23.46 -3.05 5.31
HARZA MOOSE___RIVER 24016	58.07 0.97 0.00	52.56 0.44 0.00	52.47 0.65 0.00	40.37 0.57 0.00	37.66 0.53 0.00	30.72 0.23 0.00	30.75 0.33 0.00	29.07 0.42 0.00	34.31 0.55 0.00	60.18 0.61 0.00	57.43 0.59 0.00	59.85 0.33 0.00	49.91 -0.22 0.00	42.04 0.01 0.00	46.42 0.04 0.00	33.80 0.13 0.00	30.18 0.15 0.00	33.11 0.29 0.00	36.86 0.35 0.00	41.47 0.30 0.00	55.33 0.47 0.00	43.36 -0.03 0.00	32.40 -0.28 0.00	31.40 -0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	56.53 -0.57 0.00	51.58 -0.54 0.00	51.20 -0.62 0.00	39.33 -0.48 0.00	36.67 -0.46 0.00	30.12 -0.37 0.00	30.00 -0.42 0.00	28.16 -0.48 0.00	33.07 -0.69 0.00	58.18 -1.39 0.00	55.45 -1.39 0.00	58.10 -1.42 0.00	48.88 -1.25 0.00	40.98 -1.05 0.00	45.21 -1.17 0.00	32.83 -0.85 0.00	29.31 -0.72 0.00	32.11 -0.71 0.00	35.83 -0.68 0.00	40.40 -0.78 0.00	53.83 -1.03 0.00	42.56 -0.82 0.00	32.02 -0.66 0.00	31.28 -0.54 0.00
HELLGATE_13_KV_LD 55870	58.88 1.78 0.00	53.86 1.74 0.00	53.18 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.68 0.90 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.34 1.58 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.18 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.46 1.95 0.00	51.05 2.52 -7.36	106.59 3.29 -48.44	51.65 2.44 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	58.88 1.78 0.00	53.86 1.74 0.00	53.18 1.36 0.00	41.81 1.13 -0.88	38.24 1.10 -0.01	32.68 0.90 -1.30	31.71 1.08 -0.21	30.22 1.27 -0.31	35.34 1.58 0.00	62.59 3.02 0.00	59.51 2.67 0.00	62.22 2.70 0.00	55.54 2.52 -2.89	46.12 1.96 -2.12	48.77 2.18 -0.21	39.19 1.64 -3.87	31.66 1.47 -0.16	34.50 1.68 0.00	38.46 1.95 0.00	51.05 2.52 -7.36	106.59 3.29 -48.44	51.65 2.44 -5.83	34.48 1.80 0.00	33.43 1.61 0.00
HEMPSTEAD____ 23647	58.54 1.44 0.00	54.01 1.89 0.00	53.14 1.32 0.00	40.82 1.01 0.00	38.11 0.97 0.00	31.16 0.67 0.00	31.24 0.82 0.00	29.64 1.00 0.00	35.11 1.35 0.00	62.24 2.67 0.00	59.07 2.23 -0.01	61.63 2.11 0.00	52.31 2.17 0.00	43.74 1.71 0.00	48.47 2.08 -0.01	35.12 1.44 0.00	31.30 1.26 0.00	37.50 1.59 -3.09	57.06 1.85 -18.70	48.41 2.29 -4.94	105.17 3.15 -47.16	61.09 2.32 -15.38	42.91 1.79 -8.44	33.42 1.60 0.00
HEWLETT_69_KV_BK3 55828	58.94 1.84 0.00	54.38 2.26 0.00	53.49 1.67 0.00	41.08 1.28 0.00	38.32 1.19 0.00	31.33 0.84 0.00	31.39 0.96 0.00	29.77 1.13 0.00	35.29 1.53 0.00	62.60 3.02 -0.01	59.43 2.56 -0.03	62.02 2.50 0.00	52.62 2.47 -0.02	44.00 1.97 0.00	48.73 2.34 -0.01	35.31 1.62 -0.01	31.48 1.44 0.00	46.99 1.73 -12.44	112.90 2.06 -74.34	58.64 2.60 -14.87	215.40 3.44 -157.10	85.70 2.50 -39.82	53.08 1.93 -18.47	33.66 1.82 -0.02
HICKLING___1 23621	55.52 -1.58 0.00	50.51 -1.61 0.00	49.92 -1.90 0.00	38.51 -1.29 0.00	35.92 -1.21 0.00	29.50 -0.99 0.00	29.17 -1.25 0.00	27.83 -1.20 -0.40	32.31 -1.53 -0.08	56.67 -2.90 0.00	49.62 -2.96 4.27	56.68 -2.84 0.00	47.52 -2.62 0.00	39.74 -2.29 0.00	43.79 -2.60 0.00	31.50 -2.18 0.00	29.97 -1.88 -1.81	33.51 -1.81 -2.50	37.09 -1.57 -2.15	40.54 -1.60 -0.97	57.03 -2.22 -4.38	44.62 -2.03 -3.26	31.87 -1.71 -0.90	32.73 -1.66 -2.57
HICKLING___2 23622	55.52 -1.58 0.00	50.51 -1.61 0.00	49.92 -1.90 0.00	38.51 -1.29 0.00	35.92 -1.21 0.00	29.50 -0.99 0.00	29.17 -1.25 0.00	27.83 -1.20 -0.40	32.31 -1.53 -0.08	56.67 -2.90 0.00	49.62 -2.96 4.27	56.68 -2.84 0.00	47.52 -2.62 0.00	39.74 -2.29 0.00	43.79 -2.60 0.00	31.50 -2.18 0.00	29.97 -1.88 -1.81	33.51 -1.81 -2.50	37.09 -1.57 -2.15	40.54 -1.60 -0.97	57.03 -2.22 -4.38	44.62 -2.03 -3.26	31.87 -1.71 -0.90	32.73 -1.66 -2.57
HIGH FALLS___HY 23754	58.98 1.89 0.00	53.90 1.78 0.00	53.26 1.44 0.00	40.92 1.12 0.00	38.21 1.08 0.00	31.41 0.92 0.00	31.48 1.05 0.00	29.88 1.24 0.00	35.35 1.59 0.00	62.46 2.90 0.00	59.28 2.44 0.00	61.98 2.46 0.00	52.36 2.22 0.00	43.79 1.76 0.00	48.33 1.95 0.00	35.12 1.44 0.00	31.35 1.32 0.00	34.44 1.62 0.00	38.49 1.98 0.00	43.66 2.48 0.00	58.15 3.29 0.00	45.78 2.39 0.00	34.38 1.70 0.00	33.33 1.51 0.00
HIGH_RIVER___SOLAR 323847	58.91 1.82 0.00	53.73 1.61 0.00	53.37 1.55 0.00	41.01 1.21 0.00	38.29 1.16 0.00	31.43 0.94 0.00	31.39 0.97 0.00	29.59 0.95 0.00	34.88 1.12 0.00	61.50 1.93 0.00	58.48 1.64 0.00	61.10 1.58 0.00	51.39 1.25 0.00	43.01 0.98 0.00	47.58 1.20 0.00	34.61 0.93 0.00	30.93 0.89 0.00	33.90 1.08 0.00	37.77 1.26 0.00	42.65 1.48 0.00	56.85 1.99 0.00	44.91 1.52 0.00	33.76 1.08 0.00	32.81 0.99 0.00

HILLBURN___GT 23639	58.25 1.16 0.00	53.25 1.14 0.00	52.54 0.72 0.00	40.34 0.54 0.00	37.67 0.54 0.00	30.94 0.45 0.00	31.05 0.62 0.00	29.45 0.81 0.00	34.81 1.05 0.00	61.60 2.03 0.00	58.54 1.70 0.00	61.17 1.65 0.00	51.73 1.60 0.00	43.26 1.23 0.00	47.77 1.39 0.00	34.71 1.03 0.00	30.97 0.94 0.00	33.97 1.15 0.00	37.91 1.40 0.00	43.02 1.85 0.00	57.36 2.50 0.00	45.16 1.77 0.00	33.95 1.27 0.00	32.93 1.11 0.00
HILLSIDE_115KV_TB1 80332	55.01 -2.09 0.00	50.05 -2.07 0.00	49.46 -2.36 0.00	38.14 -1.66 0.00	35.55 -1.59 0.00	29.22 -1.27 0.00	28.95 -1.47 0.00	27.69 -1.30 -0.35	32.20 -1.63 -0.07	56.48 -3.09 0.00	49.58 -3.28 3.99	56.35 -3.17 0.00	47.29 -2.84 0.00	39.60 -2.43 0.00	43.61 -2.77 0.00	31.50 -2.17 0.00	29.77 -1.88 -1.62	33.15 -1.88 -2.20	36.78 -1.65 -1.92	40.32 -1.73 -0.87	56.46 -2.31 -3.92	44.21 -2.09 -2.91	31.74 -1.74 -0.80	32.41 -1.71 -2.30
HISHELDN_WT_PWR 323625	53.93 -3.17 0.00	49.23 -2.89 0.00	48.89 -2.93 0.00	37.60 -2.20 0.00	35.03 -2.10 0.00	28.64 -1.85 0.00	28.16 -2.26 0.00	21.87 -2.72 4.05	29.65 -3.31 0.80	53.41 -6.14 0.02	49.11 -5.49 2.24	53.87 -5.65 0.00	44.90 -5.23 0.00	37.71 -4.32 0.00	41.60 -4.78 0.00	29.72 -3.95 0.00	6.68 -3.55 19.80	-5.34 -3.71 34.45	10.74 -3.75 22.02	27.07 -4.19 9.92	4.52 -5.51 44.83	5.39 -4.66 33.34	19.87 -3.65 9.16	2.11 -3.45 26.27
HOLTSVILLE_IC_1 23690	58.19 1.09 0.00	54.26 2.14 0.00	53.16 1.34 0.00	40.80 0.99 0.00	38.08 0.95 0.00	30.92 0.43 0.00	30.91 0.49 0.00	29.35 0.71 0.00	34.79 1.03 0.00	61.74 2.18 0.00	58.40 1.56 0.00	60.98 1.46 0.00	51.85 1.71 0.00	43.42 1.39 0.00	48.52 2.13 0.00	34.98 1.31 0.00	31.11 1.07 0.00	32.95 1.52 1.40	31.03 1.65 7.12	44.19 2.15 -0.87	56.72 3.01 1.15	50.05 2.33 -4.33	37.74 1.83 -3.22	33.49 1.67 0.00
HOLTSVILLE_IC_10 23699	58.36 1.26 0.00	54.46 2.34 0.00	53.32 1.50 0.00	40.92 1.12 0.00	38.19 1.06 0.00	30.99 0.50 0.00	30.98 0.56 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.95 2.38 0.00	58.59 1.75 0.00	61.16 1.64 0.00	52.01 1.87 0.00	43.57 1.54 0.00	48.71 2.33 0.00	35.10 1.43 0.00	31.21 1.18 0.00	33.19 1.67 1.30	31.75 1.79 6.55	44.48 2.34 -0.97	58.08 3.24 0.03	50.50 2.53 -4.59	37.99 1.97 -3.34	33.61 1.79 0.00
HOLTSVILLE_IC_2 23691	58.19 1.09 0.00	54.26 2.14 0.00	53.16 1.34 0.00	40.80 0.99 0.00	38.08 0.95 0.00	30.92 0.43 0.00	30.91 0.49 0.00	29.35 0.71 0.00	34.79 1.03 0.00	61.74 2.18 0.00	58.40 1.56 0.00	60.98 1.46 0.00	51.85 1.71 0.00	43.42 1.39 0.00	48.52 2.13 0.00	34.98 1.31 0.00	31.11 1.07 0.00	32.95 1.52 1.40	31.03 1.65 7.12	44.19 2.15 -0.87	56.72 3.01 1.15	50.05 2.33 -4.33	37.74 1.83 -3.22	33.49 1.67 0.00
HOLTSVILLE_IC_3 23692	58.19 1.09 0.00	54.26 2.14 0.00	53.16 1.34 0.00	40.80 0.99 0.00	38.08 0.95 0.00	30.92 0.43 0.00	30.91 0.49 0.00	29.35 0.71 0.00	34.79 1.03 0.00	61.74 2.18 0.00	58.40 1.56 0.00	60.98 1.46 0.00	51.85 1.71 0.00	43.42 1.39 0.00	48.52 2.13 0.00	34.98 1.31 0.00	31.11 1.07 0.00	32.95 1.52 1.40	31.03 1.65 7.12	44.19 2.15 -0.87	56.72 3.01 1.15	50.05 2.33 -4.33	37.74 1.83 -3.22	33.49 1.67 0.00
HOLTSVILLE_IC_4 23693	58.19 1.09 0.00	54.26 2.14 0.00	53.16 1.34 0.00	40.80 0.99 0.00	38.08 0.95 0.00	30.92 0.43 0.00	30.91 0.49 0.00	29.35 0.71 0.00	34.79 1.03 0.00	61.74 2.18 0.00	58.40 1.56 0.00	60.98 1.46 0.00	51.85 1.71 0.00	43.42 1.39 0.00	48.52 2.13 0.00	34.98 1.31 0.00	31.11 1.07 0.00	32.95 1.52 1.40	31.03 1.65 7.12	44.19 2.15 -0.87	56.72 3.01 1.15	50.05 2.33 -4.33	37.74 1.83 -3.22	33.49 1.67 0.00
HOLTSVILLE_IC_5 23694	58.19 1.09 0.00	54.26 2.14 0.00	53.16 1.34 0.00	40.80 0.99 0.00	38.08 0.95 0.00	30.92 0.43 0.00	30.91 0.49 0.00	29.35 0.71 0.00	34.79 1.03 0.00	61.74 2.18 0.00	58.40 1.56 0.00	60.98 1.46 0.00	51.85 1.71 0.00	43.42 1.39 0.00	48.52 2.13 0.00	34.98 1.31 0.00	31.11 1.07 0.00	32.95 1.52 1.40	31.03 1.65 7.12	44.19 2.15 -0.87	56.72 3.01 1.15	50.05 2.33 -4.33	37.74 1.83 -3.22	33.49 1.67 0.00
HOLTSVILLE_IC_6 23695	58.36 1.26 0.00	54.46 2.34 0.00	53.32 1.50 0.00	40.92 1.12 0.00	38.19 1.06 0.00	30.99 0.50 0.00	30.98 0.56 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.95 2.38 0.00	58.59 1.75 0.00	61.16 1.64 0.00	52.01 1.87 0.00	43.57 1.54 0.00	48.71 2.33 0.00	35.10 1.43 0.00	31.21 1.18 0.00	33.19 1.67 1.30	31.75 1.79 6.55	44.48 2.34 -0.97	58.08 3.24 0.03	50.50 2.53 -4.59	37.99 1.97 -3.34	33.61 1.79 0.00
HOLTSVILLE_IC_7 23696	58.36 1.26 0.00	54.46 2.34 0.00	53.32 1.50 0.00	40.92 1.12 0.00	38.19 1.06 0.00	30.99 0.50 0.00	30.98 0.56 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.95 2.38 0.00	58.59 1.75 0.00	61.16 1.64 0.00	52.01 1.87 0.00	43.57 1.54 0.00	48.71 2.33 0.00	35.10 1.43 0.00	31.21 1.18 0.00	33.19 1.67 1.30	31.75 1.79 6.55	44.48 2.34 -0.97	58.08 3.24 0.03	50.50 2.53 -4.59	37.99 1.97 -3.34	33.61 1.79 0.00
HOLTSVILLE_IC_8 23697	58.36 1.26 0.00	54.46 2.34 0.00	53.32 1.50 0.00	40.92 1.12 0.00	38.19 1.06 0.00	30.99 0.50 0.00	30.98 0.56 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.95 2.38 0.00	58.59 1.75 0.00	61.16 1.64 0.00	52.01 1.87 0.00	43.57 1.54 0.00	48.71 2.33 0.00	35.10 1.43 0.00	31.21 1.18 0.00	33.19 1.67 1.30	31.75 1.79 6.55	44.48 2.34 -0.97	58.08 3.24 0.03	50.50 2.53 -4.59	37.99 1.97 -3.34	33.61 1.79 0.00
HOLTSVILLE_IC_9 23698	58.36 1.26 0.00	54.46 2.34 0.00	53.32 1.50 0.00	40.92 1.12 0.00	38.19 1.06 0.00	30.99 0.50 0.00	30.98 0.56 0.00	29.42 0.78 0.00	34.89 1.13 0.00	61.95 2.38 0.00	58.59 1.75 0.00	61.16 1.64 0.00	52.01 1.87 0.00	43.57 1.54 0.00	48.71 2.33 0.00	35.10 1.43 0.00	31.21 1.18 0.00	33.19 1.67 1.30	31.75 1.79 6.55	44.48 2.34 -0.97	58.08 3.24 0.03	50.50 2.53 -4.59	37.99 1.97 -3.34	33.61 1.79 0.00
HOMER_HL_115KV_TB2 355744	54.96 -2.14 0.00	50.08 -2.04 0.00	49.61 -2.21 0.00	38.04 -1.76 0.00	35.36 -1.77 0.00	28.98 -1.51 0.00	28.64 -1.78 0.00	26.98 -1.66 0.00	31.87 -1.89 0.00	55.72 -3.84 0.00	50.79 -3.97 2.09	55.51 -4.01 0.00	46.25 -3.88 0.00	38.89 -3.14 0.00	42.92 -3.47 0.00	30.89 -2.79 0.00	27.43 -2.55 0.06	29.74 -2.67 0.40	34.14 -2.37 0.00	38.63 -2.55 0.00	51.50 -3.36 0.00	40.41 -2.98 0.00	30.38 -2.30 0.00	29.61 -2.21 0.00
HOWARD_WT_PWR 323690	54.30 -2.79 0.00	49.28 -2.83 0.00	48.49 -3.33 0.00	37.36 -2.44 0.00	34.99 -2.14 0.00	28.54 -1.95 0.00	27.97 -2.46 0.00	28.68 -2.53 -2.58	31.48 -2.79 -0.51	54.61 -4.96 -0.01	48.30 -4.30 4.24	55.16 -4.36 0.00	45.95 -4.19 0.00	38.08 -3.95 0.00	41.60 -4.78 0.00	29.18 -4.50 0.00	38.55 -3.94 -12.45	49.77 -3.89 -20.84	46.72 -3.81 -14.02	43.67 -3.81 -6.31	78.06 -5.34 -28.54	60.10 -4.51 -21.23	34.91 -3.60 -5.83	45.27 -3.27 -16.72

HQ_GEN_CEDARS 23644	57.76 0.66 0.00	52.70 0.58 0.00	52.58 0.76 0.00	40.31 0.51 0.00	37.57 0.44 0.00	30.81 0.32 0.00	30.77 0.34 0.00	28.94 0.30 0.00	34.32 0.56 0.00	60.75 1.19 0.00	57.96 1.12 0.00	60.82 1.30 0.00	51.07 0.93 0.00	42.88 0.85 0.00	47.35 0.97 0.00	34.35 0.68 0.00	30.56 0.52 0.00	33.30 0.47 0.00	36.96 0.45 0.00	41.56 0.39 0.00	55.32 0.46 0.00	43.77 0.39 0.00	33.00 0.31 0.00	31.99 0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	57.75 0.66 0.00	52.70 0.58 0.00	52.58 0.76 0.00	40.31 0.51 0.00	37.57 0.44 0.00	30.81 0.32 0.00	30.11 0.35 0.66	28.94 0.30 0.00	34.33 0.56 0.00	60.75 1.19 0.00	57.96 1.12 0.00	60.82 1.30 0.00	51.07 0.93 0.00	42.88 0.85 0.00	47.35 0.97 0.00	34.36 0.68 0.00	30.56 0.52 0.00	33.30 0.47 0.00	36.96 0.46 0.00	41.56 0.39 0.00	55.32 0.46 0.00	43.78 0.39 0.00	33.00 0.31 0.00	31.99 0.17 0.00
HQ_GEN_IMPORT 323601	57.46 0.37 0.00	52.45 0.33 0.00	52.30 0.48 0.00	40.13 0.33 0.00	37.42 0.29 0.00	30.71 0.22 0.00	32.62 0.22 -1.98	29.37 0.18 -0.55	34.09 0.33 0.00	60.27 0.70 0.00	57.51 0.67 0.00	60.31 0.79 0.00	50.75 0.61 0.00	42.57 0.54 0.00	46.98 0.60 0.00	34.10 0.42 0.00	30.36 0.32 0.00	33.10 0.28 0.00	36.78 0.27 0.00	41.41 0.24 0.00	55.14 0.28 0.00	43.65 0.26 0.00	32.91 0.22 0.00	31.97 0.15 0.00
HQ_GEN_WHEEL 23651	57.46 0.37 0.00	52.45 0.33 0.00	52.30 0.48 0.00	40.13 0.33 0.00	37.42 0.29 0.00	30.71 0.22 0.00	32.62 0.22 -1.98	29.37 0.18 -0.55	34.09 0.33 0.00	60.27 0.70 0.00	57.51 0.67 0.00	60.31 0.79 0.00	50.75 0.61 0.00	42.57 0.54 0.00	46.98 0.60 0.00	34.10 0.42 0.00	30.36 0.32 0.00	33.10 0.28 0.00	36.78 0.27 0.00	41.41 0.24 0.00	55.14 0.28 0.00	43.65 0.26 0.00	32.91 0.22 0.00	31.97 0.15 0.00
HUDSON_AVE_GT_3 23810	58.83 1.73 0.00	53.80 1.68 0.00	53.07 1.26 0.00	40.82 1.01 0.00	38.13 1.00 0.00	31.31 0.82 0.00	31.44 1.01 0.00	29.85 1.21 0.00	35.29 1.53 0.00	62.48 2.91 0.00	59.37 2.53 0.00	62.08 2.56 0.00	52.53 2.40 0.00	43.87 1.84 0.00	48.42 2.04 0.00	35.22 1.54 0.00	31.41 1.38 0.00	34.43 1.61 0.00	38.37 1.86 0.00	43.61 2.43 0.00	58.02 3.17 0.00	45.74 2.36 0.00	34.42 1.74 0.00	33.36 1.55 0.00
HUDSON_AVE_GT_4 23540	58.83 1.73 0.00	53.80 1.68 0.00	53.07 1.26 0.00	40.82 1.01 0.00	38.13 1.00 0.00	31.31 0.82 0.00	31.44 1.01 0.00	29.85 1.21 0.00	35.29 1.53 0.00	62.48 2.91 0.00	59.37 2.53 0.00	62.08 2.56 0.00	52.53 2.40 0.00	43.87 1.84 0.00	48.42 2.04 0.00	35.22 1.54 0.00	31.41 1.38 0.00	34.43 1.61 0.00	38.37 1.86 0.00	43.61 2.43 0.00	58.02 3.17 0.00	45.74 2.36 0.00	34.42 1.74 0.00	33.36 1.55 0.00
HUDSON_AVE_GT_5 23657	58.83 1.73 0.00	53.80 1.68 0.00	53.07 1.26 0.00	40.82 1.01 0.00	38.13 1.00 0.00	31.31 0.82 0.00	31.44 1.01 0.00	29.85 1.21 0.00	35.29 1.53 0.00	62.48 2.91 0.00	59.37 2.53 0.00	62.08 2.56 0.00	52.53 2.40 0.00	43.87 1.84 0.00	48.42 2.04 0.00	35.22 1.54 0.00	31.41 1.38 0.00	34.43 1.61 0.00	38.37 1.86 0.00	43.61 2.43 0.00	58.02 3.17 0.00	45.74 2.36 0.00	34.42 1.74 0.00	33.36 1.55 0.00
HUDSON_AVE_10 24168	58.62 1.52 0.00	53.62 1.50 0.00	52.90 1.08 0.00	40.66 0.85 0.00	37.99 0.86 0.00	31.21 0.72 0.00	31.39 0.96 0.00	29.81 1.18 0.00	35.25 1.49 0.00	62.37 2.80 0.00	59.27 2.43 0.00	61.96 2.44 0.00	52.43 2.30 0.00	43.75 1.72 0.00	48.32 1.93 0.00	35.14 1.47 0.00	31.34 1.31 0.00	35.87 1.52 -1.53	46.03 1.73 -7.79	43.47 2.30 0.00	65.25 2.92 -7.47	45.61 2.23 0.00	34.33 1.65 0.00	33.28 1.45 0.00
HUDSON___115KV_TB 4 355613	58.51 1.42 0.00	53.39 1.27 0.00	52.99 1.17 0.00	40.72 0.91 0.00	38.04 0.91 0.00	31.33 0.84 0.00	31.36 0.93 0.00	29.67 1.04 0.00	34.95 1.19 0.00	61.97 2.41 0.00	59.76 2.92 0.00	62.42 2.90 0.00	52.61 2.47 0.00	44.07 2.04 0.00	48.59 2.21 0.00	35.38 1.70 0.00	31.59 1.55 0.00	34.37 1.55 0.00	38.07 1.56 0.00	42.97 1.79 0.00	57.20 2.34 0.00	45.14 1.76 0.00	34.02 1.33 0.00	33.02 1.20 0.00
HUNTER MOUNT___DRP 323613	58.86 1.76 0.00	53.68 1.57 0.00	53.31 1.49 0.00	40.96 1.16 0.00	38.26 1.13 0.00	31.52 1.03 0.00	31.55 1.13 0.00	29.85 1.21 0.00	35.18 1.42 0.00	62.37 2.81 0.00	60.17 3.33 0.00	62.81 3.28 0.00	52.94 2.81 0.00	44.35 2.32 0.00	48.90 2.52 0.00	35.61 1.93 0.00	31.80 1.76 0.00	34.59 1.78 0.00	38.32 1.81 0.00	43.22 2.05 0.00	57.50 2.64 0.00	45.39 2.00 0.00	34.19 1.51 0.00	33.18 1.36 0.00
HUNTINGTON_RES_REC 323705	58.25 1.15 0.00	54.13 2.01 0.00	53.11 1.29 0.00	40.76 0.96 0.00	38.06 0.92 0.00	30.97 0.48 0.00	31.00 0.57 0.00	29.41 0.76 0.00	34.86 1.10 0.00	61.89 2.32 0.00	58.59 1.75 0.00	61.14 1.62 0.00	51.98 1.85 0.00	43.50 1.47 0.00	48.46 2.08 0.00	34.99 1.31 0.00	31.15 1.11 0.00	33.09 1.54 1.27	31.87 1.73 6.37	44.42 2.24 -1.00	58.30 3.10 -0.35	50.41 2.34 -4.69	37.86 1.79 -3.39	33.44 1.62 0.00
HUNTLEY___63 23557	54.49 -2.61 0.00	49.84 -2.27 0.00	49.65 -2.17 0.00	37.96 -1.85 0.00	35.27 -1.86 0.00	28.91 -1.58 0.00	28.48 -1.95 0.00	25.66 -2.37 0.61	30.83 -2.80 0.12	54.06 -5.51 0.00	50.15 -5.26 1.43	54.64 -4.88 0.00	45.68 -4.45 0.00	38.72 -3.32 0.00	42.60 -3.78 0.00	30.78 -2.90 0.00	24.27 -2.74 3.02	24.27 -3.14 5.41	30.17 -3.02 3.32	36.15 -3.53 1.50	43.46 -4.63 6.76	34.47 -3.89 5.03	28.34 -2.96 1.38	25.09 -2.77 3.96
HUNTLEY___64 23558	54.49 -2.61 0.00	49.84 -2.27 0.00	49.65 -2.17 0.00	37.96 -1.85 0.00	35.27 -1.86 0.00	28.91 -1.58 0.00	28.48 -1.95 0.00	25.66 -2.37 0.61	30.83 -2.80 0.12	54.06 -5.51 0.00	50.15 -5.26 1.43	54.64 -4.88 0.00	45.68 -4.45 0.00	38.72 -3.32 0.00	42.60 -3.78 0.00	30.78 -2.90 0.00	24.27 -2.74 3.02	24.27 -3.14 5.41	30.17 -3.02 3.32	36.15 -3.53 1.50	43.46 -4.63 6.76	34.47 -3.89 5.03	28.34 -2.96 1.38	25.09 -2.77 3.96
HUNTLEY___65 23559	54.49 -2.61 0.00	49.84 -2.27 0.00	49.65 -2.17 0.00	37.96 -1.85 0.00	35.27 -1.86 0.00	28.91 -1.58 0.00	28.48 -1.95 0.00	25.66 -2.37 0.61	30.83 -2.80 0.12	54.06 -5.51 0.00	50.15 -5.26 1.43	54.64 -4.88 0.00	45.68 -4.45 0.00	38.72 -3.32 0.00	42.60 -3.78 0.00	30.78 -2.90 0.00	24.27 -2.74 3.02	24.27 -3.14 5.41	30.17 -3.02 3.32	36.15 -3.53 1.50	43.46 -4.63 6.76	34.47 -3.89 5.03	28.34 -2.96 1.38	25.09 -2.77 3.96
HUNTLEY___66 23560	54.49 -2.61 0.00	49.84 -2.27 0.00	49.65 -2.17 0.00	37.96 -1.85 0.00	35.27 -1.86 0.00	28.91 -1.58 0.00	28.48 -1.95 0.00	25.66 -2.37 0.61	30.83 -2.80 0.12	54.06 -5.51 0.00	50.15 -5.26 1.43	54.64 -4.88 0.00	45.68 -4.45 0.00	38.72 -3.32 0.00	42.60 -3.78 0.00	30.78 -2.90 0.00	24.27 -2.74 3.02	24.27 -3.14 5.41	30.17 -3.02 3.32	36.15 -3.53 1.50	43.46 -4.63 6.76	34.47 -3.89 5.03	28.34 -2.96 1.38	25.09 -2.77 3.96

HUNTLEY___67 23561	54.22 -2.87 0.00	49.58 -2.53 0.00	49.37 -2.45 0.00	37.76 -2.05 0.00	35.09 -2.04 0.00	28.73 -1.76 0.00	28.32 -2.10 0.00	25.61 -2.44 0.58	30.75 -2.89 0.12	53.91 -5.65 0.00	49.98 -5.41 1.45	54.47 -5.06 0.00	45.54 -4.60 0.00	38.59 -3.44 0.00	42.47 -3.91 0.00	30.65 -3.03 0.00	24.33 -2.82 2.89	24.43 -3.20 5.19	30.22 -3.11 3.18	36.06 -3.68 1.43	43.66 -4.72 6.47	34.62 -3.95 4.81	28.32 -3.04 1.32	25.19 -2.84 3.79
HUNTLEY___68 23562	54.22 -2.87 0.00	49.58 -2.53 0.00	49.37 -2.45 0.00	37.76 -2.05 0.00	35.09 -2.04 0.00	28.73 -1.76 0.00	28.32 -2.10 0.00	25.61 -2.44 0.58	30.75 -2.89 0.12	53.91 -5.65 0.00	49.98 -5.41 1.45	54.47 -5.06 0.00	45.54 -4.60 0.00	38.59 -3.44 0.00	42.47 -3.91 0.00	30.65 -3.03 0.00	24.33 -2.82 2.89	24.43 -3.20 5.19	30.22 -3.11 3.18	36.06 -3.68 1.43	43.66 -4.72 6.47	34.62 -3.95 4.81	28.32 -3.04 1.32	25.19 -2.84 3.79
HYLAND___LFGE 323620	57.26 0.16 0.00	52.09 -0.03 0.00	51.62 -0.20 0.00	39.62 -0.18 0.00	36.98 -0.15 0.00	30.31 -0.18 0.00	29.97 -0.45 0.00	30.75 -0.70 -2.81	33.38 -0.94 -0.55	57.00 -2.57 -0.01	52.12 -2.36 2.36	57.56 -1.96 0.00	47.41 -2.73 0.00	39.53 -2.51 0.00	43.73 -2.65 0.00	31.36 -2.32 0.00	41.55 -2.12 -13.64	54.25 -1.73 -23.16	50.38 -1.42 -15.28	46.98 -1.08 -6.88	84.83 -1.15 -31.12	65.25 -1.28 -23.14	37.84 -1.20 -6.36	48.93 -1.13 -18.23
INDECK___CORINTH 23802	60.13 3.04 0.00	54.67 2.56 0.00	54.31 2.50 0.00	41.67 1.86 0.00	38.90 1.77 0.00	31.99 1.50 0.00	32.01 1.59 0.00	30.31 1.67 0.00	35.79 2.03 0.00	62.93 3.36 0.00	60.00 3.16 0.00	62.71 3.19 0.00	53.00 2.87 0.00	44.48 2.45 0.00	49.12 2.73 0.00	35.59 1.91 0.00	31.83 1.79 0.00	34.93 2.11 0.00	38.77 2.26 0.00	43.67 2.50 0.00	58.22 3.37 0.00	46.03 2.64 0.00	34.44 1.75 0.00	33.42 1.60 0.00
INDECK___ILION 23567	56.78 -0.32 0.00	51.78 -0.33 0.00	51.42 -0.40 0.00	39.53 -0.27 0.00	36.89 -0.24 0.00	30.35 -0.14 0.00	30.27 -0.16 0.00	28.60 -0.04 0.00	33.70 -0.06 0.00	59.48 -0.08 0.00	56.90 0.05 0.00	59.46 -0.06 0.00	50.19 0.05 0.00	42.02 -0.01 0.00	46.37 -0.01 0.00	33.66 -0.02 0.00	30.06 0.03 0.00	32.88 0.06 0.00	36.55 0.04 0.00	41.28 0.10 0.00	55.02 0.16 0.00	43.43 0.05 0.00	32.71 0.03 0.00	31.84 0.02 0.00
INDECK___OLEAN 23982	54.96 -2.14 0.00	50.08 -2.04 0.00	49.62 -2.20 0.00	38.04 -1.76 0.00	35.37 -1.76 0.00	28.99 -1.51 0.00	28.64 -1.78 0.00	26.98 -1.66 0.00	31.89 -1.87 0.00	55.71 -3.86 0.00	50.79 -3.97 2.09	55.51 -4.01 0.00	46.25 -3.88 0.00	38.90 -3.14 0.00	42.92 -3.47 0.00	30.89 -2.78 0.00	27.44 -2.53 0.06	29.76 -2.65 0.40	34.14 -2.37 0.00	38.64 -2.54 0.00	51.54 -3.32 0.00	40.41 -2.98 0.00	30.39 -2.29 0.00	29.62 -2.20 0.00
INDECK___OSWEGO 23783	56.00 -1.09 0.00	51.07 -1.05 0.00	50.74 -1.08 0.00	38.98 -0.82 0.00	36.35 -0.78 0.00	29.84 -0.65 0.00	29.73 -0.69 0.00	27.91 -0.73 0.00	32.76 -1.00 0.00	57.63 -1.93 0.00	54.93 -1.91 0.00	57.52 -2.00 0.00	48.33 -1.81 0.00	40.53 -1.50 0.00	44.70 -1.68 0.00	32.48 -1.20 0.00	29.03 -1.01 0.00	31.79 -1.03 0.00	35.42 -1.09 0.00	39.93 -1.24 0.00	53.21 -1.65 0.00	42.08 -1.31 0.00	31.67 -1.02 0.00	30.96 -0.86 0.00
INDECK___YERKES 23781	54.55 -2.55 0.00	49.88 -2.24 0.00	49.68 -2.14 0.00	37.99 -1.81 0.00	35.30 -1.83 0.00	28.93 -1.56 0.00	28.50 -1.92 0.00	25.69 -2.34 0.61	30.89 -2.75 0.12	54.11 -5.46 0.00	50.19 -5.23 1.43	54.67 -4.85 0.00	45.71 -4.42 0.00	38.77 -3.26 0.00	42.64 -3.75 0.00	30.81 -2.87 0.00	24.32 -2.70 3.02	24.35 -3.07 5.41	30.20 -2.98 3.32	36.18 -3.49 1.50	43.56 -4.54 6.76	34.52 -3.84 5.03	28.38 -2.92 1.38	25.13 -2.73 3.96
INDIAN POINT_GT_1 24139	58.24 1.15 0.00	53.26 1.15 0.00	52.59 0.77 0.00	40.38 0.58 0.00	37.73 0.60 0.00	30.99 0.50 0.00	31.09 0.66 0.00	29.50 0.86 0.00	34.84 1.08 0.00	61.65 2.09 0.00	58.61 1.77 0.00	61.25 1.73 0.00	51.80 1.67 0.00	43.31 1.28 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.01 0.97 0.00	34.00 1.18 0.00	37.91 1.40 0.00	43.02 1.84 0.00	57.34 2.48 0.00	45.16 1.77 0.00	33.98 1.29 0.00	32.96 1.14 0.00
INDIAN POINT_GT_2 23659	58.24 1.15 0.00	53.26 1.15 0.00	52.59 0.77 0.00	40.38 0.58 0.00	37.73 0.60 0.00	30.99 0.50 0.00	31.09 0.66 0.00	29.50 0.86 0.00	34.84 1.08 0.00	61.65 2.09 0.00	58.61 1.77 0.00	61.25 1.73 0.00	51.80 1.67 0.00	43.31 1.28 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.01 0.97 0.00	34.00 1.18 0.00	37.91 1.40 0.00	43.02 1.84 0.00	57.34 2.48 0.00	45.16 1.77 0.00	33.98 1.29 0.00	32.96 1.14 0.00
INDIAN POINT_GT_3 24019	58.24 1.15 0.00	53.26 1.15 0.00	52.59 0.77 0.00	40.38 0.58 0.00	37.73 0.60 0.00	30.99 0.50 0.00	31.09 0.66 0.00	29.50 0.86 0.00	34.84 1.08 0.00	61.65 2.09 0.00	58.61 1.77 0.00	61.25 1.73 0.00	51.80 1.67 0.00	43.31 1.28 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.01 0.97 0.00	34.00 1.18 0.00	37.91 1.40 0.00	43.02 1.84 0.00	57.34 2.48 0.00	45.16 1.77 0.00	33.98 1.29 0.00	32.96 1.14 0.00
INDIAN POINT___2 23530	58.09 1.00 0.00	53.11 0.99 0.00	52.42 0.61 0.00	40.25 0.45 0.00	37.59 0.46 0.00	30.88 0.38 0.00	30.97 0.55 0.00	29.38 0.74 0.00	34.72 0.96 0.00	61.42 1.86 0.00	58.38 1.54 0.00	61.00 1.48 0.00	51.59 1.45 0.00	43.14 1.10 0.00	47.62 1.24 0.00	34.61 0.93 0.00	30.88 0.84 0.00	33.87 1.04 0.00	37.78 1.27 0.00	42.88 1.71 0.00	57.14 2.28 0.00	45.00 1.61 0.00	33.85 1.17 0.00	32.83 1.02 0.00
INDIAN POINT___3 23531	58.32 1.22 0.00	53.34 1.22 0.00	52.66 0.84 0.00	40.45 0.65 0.00	37.78 0.65 0.00	31.03 0.54 0.00	31.13 0.71 0.00	29.54 0.90 0.00	34.90 1.14 0.00	61.73 2.17 0.00	58.68 1.84 0.00	61.34 1.82 0.00	51.87 1.74 0.00	43.38 1.35 0.00	47.89 1.51 0.00	34.81 1.13 0.00	31.06 1.03 0.00	34.05 1.22 0.00	37.95 1.44 0.00	43.06 1.88 0.00	57.39 2.53 0.00	45.21 1.83 0.00	34.03 1.35 0.00	33.01 1.19 0.00
INGHAM_C_115KV_TB7 356103	56.12 -0.98 0.00	51.16 -0.96 0.00	50.74 -1.08 0.00	39.02 -0.78 0.00	36.44 -0.69 0.00	30.07 -0.42 0.00	29.96 -0.47 0.00	28.45 -0.19 0.00	33.52 -0.24 0.00	59.16 -0.41 0.00	56.76 -0.09 0.00	59.16 -0.37 0.00	50.01 -0.13 0.00	41.78 -0.25 0.00	46.17 -0.22 0.00	33.48 -0.20 0.00	29.97 -0.06 0.00	32.82 0.00 0.00	36.43 -0.08 0.00	41.22 0.04 0.00	54.98 0.12 0.00	43.32 -0.06 0.00	32.65 -0.03 0.00	31.76 -0.06 0.00
IP CORINTH___1 23988	60.14 3.04 0.00	54.67 2.56 0.00	54.31 2.50 0.00	41.67 1.86 0.00	38.90 1.77 0.00	31.99 1.51 0.00	32.01 1.59 0.00	30.31 1.67 0.00	35.79 2.03 0.00	62.93 3.36 0.00	60.01 3.17 0.00	62.72 3.19 0.00	53.00 2.87 0.00	44.49 2.46 0.00	49.12 2.73 0.00	35.59 1.91 0.00	31.83 1.79 0.00	34.93 2.11 0.00	38.77 2.26 0.00	43.67 2.50 0.00	58.23 3.37 0.00	46.02 2.64 0.00	34.44 1.76 0.00	33.42 1.60 0.00

IP___TICONDEROGA 23804	62.23 5.13 0.00	56.10 3.98 0.00	55.79 3.97 0.00	42.69 2.89 0.00	39.84 2.71 0.00	32.83 2.34 0.00	32.97 2.55 0.00	31.29 2.65 0.00	37.02 3.26 0.00	64.27 4.71 0.00	61.11 4.27 0.00	63.88 4.35 0.00	54.17 4.04 0.00	45.73 3.70 0.00	50.68 4.29 0.00	36.41 2.73 0.00	32.71 2.68 0.00	36.10 3.27 0.00	40.00 3.48 0.00	44.96 3.78 0.00	59.97 5.11 0.00	47.71 4.32 0.00	35.08 2.40 0.00	34.06 2.24 0.00
ISLIP_RES_REC 323679	58.50 1.40 0.00	54.60 2.48 0.00	53.46 1.64 0.00	41.01 1.20 0.00	38.28 1.15 0.00	31.05 0.56 0.00	31.07 0.64 0.00	29.50 0.85 0.00	34.98 1.22 0.00	62.12 2.55 0.00	58.77 1.93 0.00	61.35 1.83 0.00	52.15 2.02 0.00	43.69 1.66 0.00	48.84 2.45 0.00	35.20 1.52 0.00	31.29 1.26 0.00	33.35 1.77 1.24	32.28 1.93 6.16	44.71 2.50 -1.03	59.03 3.45 -0.72	50.82 2.67 -4.77	38.18 2.07 -3.42	33.70 1.89 0.00
JAMAICA__27_KV_LOAD 355505	58.72 1.63 0.00	53.67 1.55 0.00	52.91 1.09 0.00	40.65 0.84 0.00	37.99 0.86 0.00	31.25 0.75 0.00	31.59 1.16 0.00	30.01 1.37 0.00	35.49 1.73 0.00	62.73 3.16 0.00	59.61 2.76 0.00	62.32 2.80 0.00	52.74 2.60 0.00	43.94 1.91 0.00	48.55 2.16 0.00	35.33 1.65 0.00	31.48 1.45 0.00	36.35 1.64 -1.89	47.94 1.81 -9.62	43.59 2.41 0.00	67.00 2.92 -9.22	45.77 2.38 0.00	34.43 1.75 0.00	33.38 1.57 0.00
JANIS___SOLAR 323808	58.36 1.27 0.00	53.15 1.03 0.00	52.53 0.72 0.00	40.27 0.46 0.00	37.51 0.38 0.00	30.78 0.29 0.00	30.71 0.28 0.00	28.97 0.13 -0.20	33.81 0.01 -0.04	59.29 -0.28 0.00	60.20 -0.68 -4.03	58.45 -1.08 0.00	49.43 -0.71 0.00	41.80 -0.23 0.00	45.89 -0.50 0.00	33.17 -0.51 0.00	30.70 -0.41 -1.07	35.02 -0.24 -2.44	37.54 -0.04 -1.07	41.82 0.17 -0.48	57.23 0.19 -2.19	44.93 -0.08 -1.63	32.87 -0.26 -0.45	32.85 -0.25 -1.28
JARVIS____ 23743	57.07 -0.03 0.00	52.07 -0.05 0.00	51.75 -0.07 0.00	39.76 -0.04 0.00	37.10 -0.03 0.00	30.46 -0.03 0.00	30.41 -0.02 0.00	28.65 0.01 0.00	33.76 0.00 0.00	59.54 -0.02 0.00	56.86 0.01 0.00	59.47 -0.05 0.00	50.14 0.00 0.00	42.03 0.00 0.00	46.38 0.00 0.00	33.69 0.01 0.00	30.05 0.02 0.00	32.85 0.03 0.00	36.54 0.03 0.00	41.21 0.04 0.00	54.91 0.05 0.00	43.40 0.01 0.00	32.68 0.00 0.00	31.82 0.00 0.00
JENNISON___1 23625	57.48 0.39 0.00	52.02 -0.10 0.00	51.38 -0.44 0.00	39.18 -0.62 0.00	36.50 -0.64 0.00	29.95 -0.54 0.00	29.91 -0.51 0.00	28.18 -0.46 0.00	33.17 -0.59 0.00	58.56 -1.01 0.00	56.47 -1.21 -0.84	58.12 -1.40 0.00	49.14 -1.00 0.00	41.38 -0.65 0.00	45.47 -0.91 0.00	32.85 -0.82 0.00	29.36 -0.70 -0.02	32.22 -0.76 -0.16	35.91 -0.60 0.00	40.63 -0.54 0.00	54.04 -0.82 0.00	42.53 -0.86 0.00	31.90 -0.79 0.00	31.06 -0.76 0.00
JENNISON___2 23626	57.48 0.39 0.00	52.02 -0.10 0.00	51.38 -0.44 0.00	39.18 -0.62 0.00	36.50 -0.64 0.00	29.95 -0.54 0.00	29.91 -0.51 0.00	28.18 -0.46 0.00	33.17 -0.59 0.00	58.56 -1.01 0.00	56.47 -1.21 -0.84	58.12 -1.40 0.00	49.14 -1.00 0.00	41.38 -0.65 0.00	45.47 -0.91 0.00	32.85 -0.82 0.00	29.36 -0.70 -0.02	32.22 -0.76 -0.16	35.91 -0.60 0.00	40.63 -0.54 0.00	54.04 -0.82 0.00	42.53 -0.86 0.00	31.90 -0.79 0.00	31.06 -0.76 0.00
JERICHO_RISE_WT_PWR 323719	57.38 0.28 0.00	52.18 0.07 0.00	52.48 0.66 0.00	40.37 0.57 0.00	37.77 0.64 0.00	31.03 0.54 0.00	31.05 0.63 0.00	29.20 0.56 0.00	34.58 0.82 0.00	61.27 1.71 0.00	58.49 1.65 0.00	61.40 1.88 0.00	51.71 1.57 0.00	43.22 1.19 0.00	47.58 1.19 0.00	34.45 0.77 0.00	30.76 0.73 0.00	33.35 0.53 0.00	36.81 0.30 0.00	41.42 0.25 0.00	54.54 -0.31 0.00	43.12 -0.26 0.00	32.57 -0.11 0.00	31.44 -0.38 0.00
KATONAH__115KV_46KV_TB4 355592	58.70 1.60 0.00	53.68 1.57 0.00	53.04 1.23 0.00	40.75 0.95 0.00	38.07 0.94 0.00	31.27 0.78 0.00	31.36 0.94 0.00	29.77 1.13 0.00	35.18 1.42 0.00	62.23 2.66 0.00	59.23 2.39 0.00	61.91 2.39 0.00	52.34 2.20 0.00	43.76 1.73 0.00	48.32 1.94 0.00	35.13 1.45 0.00	31.34 1.31 0.00	34.36 1.53 0.00	38.29 1.78 0.00	43.42 2.24 0.00	57.83 2.97 0.00	45.57 2.18 0.00	34.29 1.61 0.00	33.24 1.42 0.00
KCE_NY_1 323755	59.41 2.32 0.00	54.12 2.00 0.00	53.81 1.99 0.00	41.31 1.50 0.00	38.53 1.40 0.00	31.70 1.21 0.00	31.69 1.27 0.00	30.00 1.36 0.00	35.39 1.63 0.00	62.28 2.72 0.00	59.50 2.66 0.00	62.07 2.54 0.00	52.40 2.27 0.00	43.98 1.95 0.00	48.56 2.18 0.00	35.27 1.59 0.00	31.46 1.42 0.00	34.52 1.69 0.00	38.30 1.79 0.00	43.16 1.98 0.00	57.59 2.73 0.00	45.47 2.09 0.00	34.19 1.50 0.00	33.19 1.38 0.00
KCE_NY_6_ESR 323823	54.80 -2.30 0.00	50.08 -2.04 0.00	49.86 -1.96 0.00	38.18 -1.62 0.00	35.50 -1.63 0.00	29.05 -1.44 0.00	28.62 -1.80 0.00	26.03 -2.11 0.50	31.17 -2.49 0.10	54.58 -4.98 0.00	50.54 -4.76 1.54	55.05 -4.47 0.00	46.03 -4.10 0.00	39.00 -3.03 0.00	42.91 -3.47 0.00	30.96 -2.72 0.00	25.02 -2.53 2.48	25.47 -2.86 4.50	31.04 -2.75 2.72	36.71 -3.24 1.22	45.16 -4.17 5.54	35.76 -3.50 4.12	28.79 -2.76 1.13	26.01 -2.56 3.24
KEDC_PORT_JEFF_GT2 24210	58.31 1.22 0.00	54.40 2.29 0.00	53.28 1.46 0.00	40.88 1.08 0.00	38.16 1.03 0.00	30.97 0.48 0.00	30.97 0.55 0.00	29.41 0.76 0.00	34.86 1.11 0.00	61.91 2.34 0.00	58.57 1.73 0.00	61.15 1.63 0.00	52.00 1.87 0.00	43.55 1.52 0.00	48.69 2.30 0.00	35.09 1.41 0.00	31.20 1.17 0.00	33.12 1.64 1.34	31.55 1.78 6.74	44.43 2.32 -0.94	57.68 3.21 0.39	50.38 2.49 -4.51	37.92 1.93 -3.30	33.58 1.77 0.00
KEDC_PORT_JEFF_GT3 24211	58.31 1.22 0.00	54.40 2.29 0.00	53.28 1.46 0.00	40.88 1.08 0.00	38.16 1.03 0.00	30.97 0.48 0.00	30.97 0.55 0.00	29.41 0.76 0.00	34.86 1.11 0.00	61.91 2.34 0.00	58.57 1.73 0.00	61.15 1.63 0.00	52.00 1.87 0.00	43.55 1.52 0.00	48.69 2.30 0.00	35.09 1.41 0.00	31.20 1.17 0.00	33.12 1.64 1.34	31.55 1.78 6.74	44.43 2.32 -0.94	57.68 3.21 0.39	50.38 2.49 -4.51	37.92 1.93 -3.30	33.58 1.77 0.00
KEDC_GLWD_GT4 24219	58.84 1.74 0.00	54.11 1.99 0.00	53.29 1.48 0.00	40.94 1.14 0.00	38.23 1.10 0.00	31.31 0.82 0.00	31.40 0.98 0.00	29.80 1.16 0.00	35.26 1.50 0.00	62.47 2.90 0.00	59.34 2.50 -0.01	61.98 2.46 0.00	52.52 2.38 0.00	43.90 1.87 0.00	48.58 2.19 -0.01	35.24 1.56 0.00	31.42 1.39 0.00	37.59 1.68 -3.09	57.03 1.97 -18.55	48.58 2.46 -4.95	105.39 3.31 -47.23	61.75 2.45 -15.92	43.54 1.85 -9.00	33.48 1.66 0.00
KEDC_GLWD_GT5 24220	58.84 1.74 0.00	54.11 1.99 0.00	53.29 1.48 0.00	40.94 1.14 0.00	38.23 1.10 0.00	31.31 0.82 0.00	31.40 0.98 0.00	29.80 1.16 0.00	35.26 1.50 0.00	62.47 2.90 0.00	59.34 2.50 -0.01	61.98 2.46 0.00	52.52 2.38 0.00	43.90 1.87 0.00	48.58 2.19 -0.01	35.24 1.56 0.00	31.42 1.39 0.00	37.59 1.68 -3.09	57.03 1.97 -18.55	48.58 2.46 -4.95	105.39 3.31 -47.23	61.75 2.45 -15.92	43.54 1.85 -9.00	33.48 1.66 0.00

KENSICO____ 23655	58.57 1.47 0.00	53.58 1.47 0.00	52.92 1.10 0.00	40.66 0.85 0.00	37.98 0.84 0.00	31.18 0.69 0.00	31.30 0.87 0.00	29.70 1.06 0.00	35.08 1.32 0.00	62.08 2.52 0.00	59.02 2.18 0.00	61.69 2.17 0.00	52.19 2.06 0.00	43.62 1.59 0.00	48.17 1.79 0.00	35.01 1.33 0.00	31.24 1.20 0.00	34.24 1.41 0.00	38.15 1.64 0.00	43.29 2.11 0.00	57.66 2.80 0.00	45.45 2.06 0.00	34.22 1.53 0.00	33.18 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	59.02 1.93 0.00	53.92 1.81 0.00	53.31 1.49 0.00	40.96 1.16 0.00	38.25 1.12 0.00	31.44 0.95 0.00	31.51 1.09 0.00	29.89 1.26 0.00	35.35 1.59 0.00	62.50 2.94 0.00	59.40 2.55 0.00	62.09 2.56 0.00	52.44 2.30 0.00	43.87 1.84 0.00	48.42 2.03 0.00	35.18 1.51 0.00	31.41 1.38 0.00	34.48 1.66 0.00	38.50 1.99 0.00	43.66 2.48 0.00	58.15 3.29 0.00	45.78 2.39 0.00	34.40 1.72 0.00	33.34 1.52 0.00
KIAC_JFK_GT1 23816	58.40 1.30 0.00	53.37 1.26 0.00	52.62 0.80 0.00	40.44 0.63 0.00	37.79 0.66 0.00	31.08 0.59 0.00	31.40 0.98 0.00	29.84 1.20 0.00	35.28 1.52 0.00	62.37 2.80 0.00	59.26 2.42 0.00	61.96 2.44 0.00	52.42 2.29 0.00	43.69 1.66 0.00	48.26 1.88 0.00	35.09 1.41 0.00	31.19 1.16 0.00	36.04 1.33 -1.89	47.58 1.45 -9.62	43.16 1.99 0.00	66.46 2.37 -9.22	45.47 2.08 0.00	34.23 1.55 0.00	33.20 1.38 0.00
KIAC_JFK_GT2 23817	58.40 1.30 0.00	53.37 1.26 0.00	52.62 0.80 0.00	40.44 0.63 0.00	37.79 0.66 0.00	31.08 0.59 0.00	31.40 0.98 0.00	29.84 1.20 0.00	35.28 1.52 0.00	62.37 2.80 0.00	59.26 2.42 0.00	61.96 2.44 0.00	52.42 2.29 0.00	43.69 1.66 0.00	48.26 1.88 0.00	35.09 1.41 0.00	31.19 1.16 0.00	36.04 1.33 -1.89	47.58 1.45 -9.62	43.16 1.99 0.00	66.46 2.37 -9.22	45.47 2.08 0.00	34.23 1.55 0.00	33.20 1.38 0.00
KIAC_JFK____ 323774	58.40 1.30 0.00	53.38 1.26 0.00	52.62 0.80 0.00	40.43 0.63 0.00	37.79 0.66 0.00	31.08 0.59 0.00	31.41 0.98 0.00	29.83 1.20 0.00	35.28 1.52 0.00	62.37 2.80 0.00	59.26 2.42 0.00	61.96 2.44 0.00	52.42 2.29 0.00	43.68 1.65 0.00	48.26 1.88 0.00	35.10 1.42 0.00	31.18 1.15 0.00	36.05 1.34 -1.89	47.66 1.53 -9.62	43.17 2.00 0.00	66.58 2.50 -9.22	45.47 2.09 0.00	34.23 1.55 0.00	33.19 1.37 0.00
KINTIGH____ 23543	54.48 -2.61 0.00	49.80 -2.32 0.00	49.55 -2.26 0.00	37.92 -1.89 0.00	35.25 -1.88 0.00	28.89 -1.59 0.00	28.56 -1.86 0.00	26.05 -2.13 0.46	31.15 -2.52 0.09	54.60 -4.97 0.00	50.97 -4.73 1.14	55.05 -4.48 0.00	46.04 -4.09 0.00	38.96 -3.08 0.00	42.90 -3.48 0.00	30.99 -2.68 0.00	25.34 -2.44 2.25	26.02 -2.75 4.05	31.33 -2.70 2.48	36.88 -3.18 1.12	45.77 -4.04 5.04	36.26 -3.38 3.75	29.04 -2.61 1.03	26.45 -2.42 2.95
KNTFSRNC_46_KV_46KV_LOAD 80397	58.37 1.27 0.00	53.08 0.96 0.00	53.19 1.38 0.00	40.87 1.07 0.00	38.27 1.14 0.00	31.49 1.00 0.00	31.50 1.08 0.00	29.65 1.01 0.00	35.07 1.31 0.00	62.19 2.63 0.00	59.43 2.58 0.00	62.33 2.81 0.00	52.54 2.40 0.00	43.87 1.84 0.00	48.16 1.77 0.00	34.88 1.20 0.00	31.24 1.21 0.00	33.91 1.09 0.00	37.41 0.90 0.00	42.16 0.98 0.00	55.62 0.76 0.00	43.88 0.50 0.00	33.12 0.44 0.00	32.00 0.18 0.00
LACHUTE__HYDRO 323717	62.23 5.13 0.00	56.10 3.98 0.00	55.79 3.97 0.00	42.70 2.89 0.00	39.84 2.71 0.00	32.83 2.34 0.00	32.97 2.55 0.00	31.29 2.65 0.00	37.02 3.26 0.00	64.27 4.71 0.00	61.11 4.27 0.00	63.88 4.36 0.00	54.17 4.04 0.00	45.73 3.70 0.00	50.67 4.29 0.00	36.41 2.73 0.00	32.71 2.68 0.00	36.10 3.28 0.00	40.00 3.48 0.00	44.96 3.78 0.00	59.97 5.11 0.00	47.71 4.32 0.00	35.08 2.40 0.00	34.05 2.24 0.00
LAWRNCALV_115KV_TB1 80681	57.09 -0.01 0.00	51.98 -0.14 0.00	51.93 0.11 0.00	39.83 0.03 0.00	37.13 0.00 0.00	30.42 -0.07 0.00	30.41 -0.01 0.00	28.63 -0.01 0.00	33.98 0.22 0.00	60.15 0.58 0.00	57.36 0.51 0.00	60.12 0.60 0.00	50.36 0.23 0.00	42.29 0.26 0.00	46.73 0.35 0.00	33.92 0.24 0.00	30.20 0.17 0.00	32.92 0.10 0.00	36.54 0.04 0.00	41.09 -0.09 0.00	54.64 -0.22 0.00	43.15 -0.23 0.00	32.49 -0.20 0.00	31.44 -0.38 0.00
LEDERLE____ 23769	58.48 1.39 0.00	53.46 1.35 0.00	52.75 0.94 0.00	40.50 0.70 0.00	37.82 0.69 0.00	31.07 0.58 0.00	31.18 0.75 0.00	29.58 0.94 0.00	34.96 1.20 0.00	61.85 2.28 0.00	58.79 1.94 0.00	61.44 1.92 0.00	51.97 1.84 0.00	43.46 1.43 0.00	47.97 1.59 0.00	34.86 1.19 0.00	31.11 1.08 0.00	34.13 1.30 0.00	38.07 1.56 0.00	43.21 2.04 0.00	57.61 2.75 0.00	45.33 1.95 0.00	34.10 1.41 0.00	33.07 1.25 0.00
LIGHTRSE_115KV_TB6 355974	56.58 -0.52 0.00	51.36 -0.76 0.00	51.14 -0.68 0.00	39.31 -0.49 0.00	36.68 -0.45 0.00	30.00 -0.49 0.00	29.94 -0.48 0.00	28.18 -0.47 0.00	33.14 -0.62 0.00	58.16 -1.41 0.00	55.42 -1.42 0.00	57.76 -1.76 0.00	48.37 -1.77 0.00	40.75 -1.28 0.00	44.95 -1.43 0.00	32.72 -0.96 0.00	29.27 -0.76 0.00	32.11 -0.71 0.00	35.75 -0.76 0.00	40.30 -0.87 0.00	53.70 -1.15 0.00	42.23 -1.16 0.00	31.64 -1.04 0.00	30.82 -1.00 0.00
LINDEN COGEN____ 23786	58.39 1.30 0.00	53.39 1.28 0.00	52.65 0.83 0.00	40.49 0.69 0.00	37.86 0.73 0.00	31.08 0.59 0.00	31.21 0.79 0.00	29.64 1.00 0.00	35.05 1.29 0.00	62.02 2.45 0.00	58.90 2.05 0.00	61.56 2.04 0.00	52.10 1.96 0.00	43.50 1.47 0.00	48.02 1.64 0.00	34.95 1.27 0.00	31.16 1.13 0.00	34.16 1.34 0.00	38.11 1.60 0.00	43.32 2.15 0.00	57.65 2.79 0.00	45.40 2.01 0.00	34.17 1.49 0.00	33.12 1.30 0.00
LINDHRST_69_KV_BK1 356055	59.06 1.97 0.00	54.68 2.56 0.00	53.68 1.86 0.00	41.22 1.41 0.00	38.48 1.34 0.00	31.38 0.89 0.00	31.44 1.02 0.00	29.85 1.20 0.00	35.40 1.64 0.00	62.78 3.22 0.00	59.50 2.66 0.00	62.11 2.59 0.00	52.78 2.65 0.00	44.17 2.14 0.00	49.06 2.67 -0.01	35.46 1.78 0.00	31.57 1.54 0.00	35.25 1.96 -0.46	42.55 2.28 -3.76	46.73 2.82 -2.74	78.80 3.89 -20.05	55.57 2.92 -9.26	40.39 2.24 -5.47	33.84 2.02 0.00
LIPA_MISC_IPP 23656	57.94 0.84 0.00	54.34 2.22 0.00	53.10 1.28 0.00	40.73 0.93 0.00	38.03 0.90 0.00	30.74 0.25 0.00	30.71 0.29 0.00	29.18 0.54 0.00	34.58 0.82 0.00	61.42 1.86 0.00	58.02 1.18 0.00	60.62 1.10 0.00	51.56 1.43 0.00	43.20 1.17 0.00	48.52 2.13 0.00	34.93 1.25 0.00	31.00 0.97 0.00	32.94 1.50 1.39	30.96 1.49 7.04	44.06 2.00 -0.88	56.70 2.82 0.98	50.03 2.27 -4.37	37.74 1.82 -3.24	33.51 1.69 0.00
LISF__SOLAR 323691	58.01 0.92 0.00	54.42 2.30 0.00	53.20 1.38 0.00	40.80 0.99 0.00	38.08 0.95 0.00	30.78 0.29 0.00	30.74 0.32 0.00	29.20 0.57 0.00	34.62 0.85 0.00	61.50 1.94 0.00	58.10 1.26 0.00	60.69 1.17 0.00	51.61 1.48 0.00	43.25 1.22 0.00	48.60 2.21 0.00	34.97 1.29 0.00	31.04 1.00 0.00	32.99 1.53 1.37	31.12 1.54 6.93	44.14 2.07 -0.90	56.99 2.90 0.77	50.15 2.35 -4.42	37.82 1.88 -3.26	33.56 1.74 0.00

LITTLE FALLS___HYD 24013	56.12 -0.98 0.00	51.16 -0.96 0.00	50.74 -1.08 0.00	39.02 -0.78 0.00	36.44 -0.69 0.00	30.07 -0.42 0.00	29.96 -0.47 0.00	28.45 -0.19 0.00	33.52 -0.24 0.00	59.16 -0.41 0.00	56.76 -0.09 0.00	59.16 -0.37 0.00	50.01 -0.13 0.00	41.78 -0.25 0.00	46.17 -0.22 0.00	33.48 -0.20 0.00	29.97 -0.06 0.00	32.82 0.00 0.00	36.43 -0.08 0.00	41.22 0.04 0.00	54.98 0.12 0.00	43.32 -0.06 0.00	32.65 -0.03 0.00	31.76 -0.06 0.00
LITTLRIV_115KV_TB1 356100	58.03 0.93 0.00	52.83 0.71 0.00	52.76 0.94 0.00	40.46 0.65 0.00	37.71 0.58 0.00	30.91 0.42 0.00	30.91 0.48 0.00	29.11 0.47 0.00	34.58 0.82 0.00	61.21 1.64 0.00	58.31 1.47 0.00	61.09 1.57 0.00	50.99 0.86 0.00	42.83 0.80 0.00	47.44 1.05 0.00	34.44 0.76 0.00	30.70 0.66 0.00	33.52 0.70 0.00	37.25 0.73 0.00	41.88 0.71 0.00	55.69 0.83 0.00	43.96 0.58 0.00	33.07 0.39 0.00	31.99 0.17 0.00
LI_NEWBRDGE___DRP 323616	58.22 1.12 0.00	53.82 1.70 0.00	52.90 1.08 0.00	40.63 0.83 0.00	37.93 0.80 0.00	30.98 0.49 0.00	31.05 0.62 0.00	29.45 0.81 0.00	34.90 1.14 0.00	61.84 2.28 0.01	58.65 1.81 0.00	61.23 1.71 0.00	51.98 1.85 0.00	43.47 1.44 0.00	48.21 1.82 0.00	34.90 1.22 0.00	31.11 1.07 0.00	31.93 1.40 2.30	25.95 1.61 12.17	43.45 2.06 -0.21	47.93 2.84 9.77	48.05 2.08 -2.59	36.70 1.60 -2.42	33.27 1.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	54.06 -3.04 0.00	49.52 -2.60 0.00	49.30 -2.52 0.00	37.70 -2.10 0.00	35.04 -2.09 0.00	28.70 -1.79 0.00	28.30 -2.13 0.00	25.34 -2.62 0.68	30.50 -3.12 0.14	53.46 -6.10 0.00	49.87 -5.61 1.36	54.21 -5.31 0.00	45.30 -4.84 0.00	38.38 -3.65 0.00	42.24 -4.14 0.00	30.48 -3.20 0.00	23.67 -3.00 3.37	23.42 -3.40 6.01	29.45 -3.34 3.72	35.58 -3.92 1.68	42.22 -5.07 7.57	33.53 -4.23 5.63	27.90 -3.23 1.55	24.36 -3.02 4.44
LOCKPORT___CC1 323769	54.00 -3.09 0.00	49.45 -2.66 0.00	49.24 -2.58 0.00	37.66 -2.14 0.00	35.00 -2.13 0.00	28.67 -1.82 0.00	28.25 -2.18 0.00	25.19 -2.63 0.82	30.47 -3.13 0.16	53.43 -6.13 0.00	49.78 -5.67 1.39	54.16 -5.36 0.00	45.25 -4.89 0.00	38.34 -3.69 0.00	42.19 -4.19 0.00	30.43 -3.25 0.00	22.99 -3.01 4.03	22.30 -3.38 7.15	28.68 -3.37 4.45	35.21 -3.96 2.01	40.72 -5.08 9.06	32.40 -4.25 6.74	27.57 -3.26 1.85	23.48 -3.03 5.31
LOCKPORT___CC2 323770	54.00 -3.09 0.00	49.45 -2.66 0.00	49.24 -2.58 0.00	37.66 -2.14 0.00	35.00 -2.13 0.00	28.67 -1.82 0.00	28.25 -2.18 0.00	25.19 -2.63 0.82	30.47 -3.13 0.16	53.43 -6.13 0.00	49.78 -5.67 1.39	54.16 -5.36 0.00	45.25 -4.89 0.00	38.34 -3.69 0.00	42.19 -4.19 0.00	30.43 -3.25 0.00	22.99 -3.01 4.03	22.30 -3.38 7.15	28.68 -3.37 4.45	35.21 -3.96 2.01	40.72 -5.08 9.06	32.40 -4.25 6.74	27.57 -3.26 1.85	23.48 -3.03 5.31
LOCKPORT___CC3 323771	54.00 -3.09 0.00	49.45 -2.66 0.00	49.24 -2.58 0.00	37.66 -2.14 0.00	35.00 -2.13 0.00	28.67 -1.82 0.00	28.25 -2.18 0.00	25.19 -2.63 0.82	30.47 -3.13 0.16	53.43 -6.13 0.00	49.78 -5.67 1.39	54.16 -5.36 0.00	45.25 -4.89 0.00	38.34 -3.69 0.00	42.19 -4.19 0.00	30.43 -3.25 0.00	22.99 -3.01 4.03	22.30 -3.38 7.15	28.68 -3.37 4.45	35.21 -3.96 2.01	40.72 -5.08 9.06	32.40 -4.25 6.74	27.57 -3.26 1.85	23.48 -3.03 5.31
LONG_LAKE_PHOENIX 24014	56.11 -0.99 0.00	51.19 -0.92 0.00	50.85 -0.97 0.00	39.05 -0.76 0.00	36.42 -0.71 0.00	29.90 -0.59 0.00	29.80 -0.62 0.00	27.96 -0.68 0.00	32.82 -0.94 0.00	57.76 -1.81 0.00	55.05 -1.79 0.00	57.68 -1.84 0.00	48.45 -1.68 0.00	40.63 -1.40 0.00	44.79 -1.59 0.00	32.56 -1.12 0.00	29.11 -0.92 0.00	31.89 -0.93 0.00	35.55 -0.96 0.00	40.09 -1.09 0.00	53.41 -1.45 0.00	42.24 -1.15 0.00	31.78 -0.90 0.00	31.06 -0.76 0.00
LOVETT___3 23632	58.21 1.12 0.00	53.24 1.12 0.00	52.54 0.72 0.00	40.35 0.54 0.00	37.69 0.57 0.00	30.96 0.47 0.00	31.06 0.63 0.00	29.47 0.83 0.00	34.81 1.06 0.00	61.60 2.03 0.00	58.55 1.71 0.00	61.19 1.67 0.00	51.74 1.61 0.00	43.26 1.23 0.00	47.77 1.38 0.00	34.71 1.03 0.00	30.97 0.94 0.00	33.97 1.15 0.00	37.87 1.36 0.00	42.97 1.80 0.00	57.28 2.43 0.00	45.12 1.73 0.00	33.95 1.26 0.00	32.93 1.11 0.00
LOVETT___4 23642	58.21 1.12 0.00	53.24 1.12 0.00	52.54 0.72 0.00	40.35 0.54 0.00	37.69 0.57 0.00	30.96 0.47 0.00	31.06 0.63 0.00	29.47 0.83 0.00	34.81 1.06 0.00	61.60 2.03 0.00	58.55 1.71 0.00	61.19 1.67 0.00	51.74 1.61 0.00	43.26 1.23 0.00	47.77 1.38 0.00	34.71 1.03 0.00	30.97 0.94 0.00	33.97 1.15 0.00	37.87 1.36 0.00	42.97 1.80 0.00	57.28 2.43 0.00	45.12 1.73 0.00	33.95 1.26 0.00	32.93 1.11 0.00
LOVETT___5 23593	58.21 1.12 0.00	53.24 1.12 0.00	52.54 0.72 0.00	40.35 0.54 0.00	37.69 0.57 0.00	30.96 0.47 0.00	31.06 0.63 0.00	29.47 0.83 0.00	34.81 1.06 0.00	61.60 2.03 0.00	58.55 1.71 0.00	61.19 1.67 0.00	51.74 1.61 0.00	43.26 1.23 0.00	47.77 1.38 0.00	34.71 1.03 0.00	30.97 0.94 0.00	33.97 1.15 0.00	37.87 1.36 0.00	42.97 1.80 0.00	57.28 2.43 0.00	45.12 1.73 0.00	33.95 1.26 0.00	32.93 1.11 0.00
LOWER RAQUET___HYD 24057	56.87 -0.23 0.00	51.76 -0.36 0.00	51.72 -0.10 0.00	39.67 -0.13 0.00	36.99 -0.14 0.00	30.30 -0.20 0.00	30.30 -0.12 0.00	28.54 -0.10 0.00	33.88 0.12 0.00	59.95 0.38 0.00	57.16 0.32 0.00	59.90 0.38 0.00	50.13 -0.01 0.00	42.10 0.07 0.00	46.54 0.16 0.00	33.78 0.10 0.00	30.09 0.06 0.00	32.81 -0.02 0.00	36.41 -0.10 0.00	40.93 -0.24 0.00	54.43 -0.43 0.00	42.95 -0.43 0.00	32.32 -0.36 0.00	31.28 -0.54 0.00
LOWER___HUDSON 24059	58.38 1.28 0.00	53.26 1.14 0.00	52.88 1.06 0.00	40.59 0.79 0.00	37.91 0.78 0.00	31.19 0.70 0.00	31.19 0.76 0.00	29.52 0.89 0.00	34.77 1.01 0.00	61.31 1.74 0.00	58.61 1.77 0.00	61.19 1.67 0.00	51.70 1.57 0.00	43.37 1.33 0.00	47.88 1.49 0.00	34.77 1.09 0.00	31.04 1.01 0.00	33.93 1.11 0.00	37.59 1.08 0.00	42.36 1.19 0.00	56.52 1.66 0.00	44.70 1.32 0.00	33.74 1.06 0.00	32.78 0.97 0.00
LOWVILLE_115KV_TB2 356335	58.05 0.95 0.00	52.31 0.19 0.00	52.39 0.58 0.00	40.35 0.55 0.00	37.64 0.51 0.00	30.56 0.07 0.00	30.65 0.23 0.00	29.01 0.37 0.00	34.27 0.51 0.00	59.92 0.36 0.00	57.20 0.36 0.00	59.45 -0.07 0.00	49.25 -0.88 0.00	41.59 -0.44 0.00	46.01 -0.37 0.00	33.53 -0.15 0.00	29.93 -0.10 0.00	32.88 0.06 0.00	36.60 0.09 0.00	41.11 -0.06 0.00	54.90 0.04 0.00	42.83 -0.55 0.00	31.90 -0.78 0.00	30.84 -0.98 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	59.41 2.31 0.00	54.15 2.03 0.00	53.78 1.96 0.00	41.29 1.48 0.00	38.54 1.40 0.00	31.70 1.21 0.00	31.69 1.27 0.00	29.99 1.35 0.00	35.37 1.61 0.00	62.28 2.71 0.00	59.44 2.59 0.00	62.07 2.55 0.00	52.40 2.27 0.00	43.95 1.92 0.00	48.54 2.16 0.00	35.24 1.56 0.00	31.47 1.44 0.00	34.49 1.67 0.00	38.28 1.77 0.00	43.14 1.97 0.00	57.53 2.67 0.00	45.46 2.07 0.00	34.18 1.50 0.00	33.20 1.38 0.00

LUTHERNY_35_KV_BK2 355980	59.41 2.32 0.00	54.12 2.01 0.00	53.81 1.99 0.00	41.31 1.50 0.00	38.53 1.40 0.00	31.70 1.21 0.00	31.69 1.27 0.00	29.99 1.36 0.00	35.40 1.64 0.00	62.28 2.72 0.00	59.50 2.66 0.00	62.07 2.55 0.00	52.40 2.27 0.00	43.98 1.95 0.00	48.56 2.17 0.00	35.27 1.59 0.00	31.46 1.42 0.00	34.52 1.69 0.00	38.30 1.79 0.00	43.16 1.99 0.00	57.59 2.73 0.00	45.47 2.09 0.00	34.19 1.50 0.00	33.20 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	57.02 -0.08 0.00	51.63 -0.49 0.00	51.64 -0.18 0.00	39.69 -0.12 0.00	37.02 -0.11 0.00	30.19 -0.30 0.00	30.23 -0.19 0.00	28.54 -0.10 0.00	33.80 0.04 0.00	59.45 -0.11 0.00	56.69 -0.15 0.00	59.11 -0.41 0.00	49.25 -0.89 0.00	41.52 -0.52 0.00	45.87 -0.51 0.00	33.37 -0.31 0.00	29.77 -0.26 0.00	32.59 -0.23 0.00	36.21 -0.30 0.00	40.70 -0.47 0.00	54.21 -0.65 0.00	42.46 -0.92 0.00	31.78 -0.90 0.00	30.74 -1.08 0.00
LYONS_FALL_HYD 23570	58.07 0.97 0.00	52.56 0.44 0.00	52.47 0.65 0.00	40.37 0.57 0.00	37.67 0.53 0.00	30.72 0.23 0.00	30.75 0.33 0.00	29.07 0.42 0.00	34.31 0.55 0.00	60.18 0.62 0.00	57.43 0.59 0.00	59.85 0.33 0.00	49.91 -0.22 0.00	42.04 0.01 0.00	46.42 0.04 0.00	33.81 0.13 0.00	30.18 0.15 0.00	33.11 0.29 0.00	36.86 0.35 0.00	41.47 0.30 0.00	55.33 0.48 0.00	43.36 -0.03 0.00	32.40 -0.28 0.00	31.40 -0.42 0.00
MADISON___COUNTY_LFGE 323628	58.19 1.09 0.00	52.98 0.86 0.00	52.63 0.81 0.00	40.44 0.64 0.00	37.72 0.59 0.00	30.98 0.49 0.00	30.93 0.51 0.00	29.14 0.50 0.00	34.32 0.56 0.00	60.39 0.83 0.00	57.58 0.74 0.00	60.21 0.69 0.00	50.72 0.58 0.00	42.54 0.51 0.00	46.86 0.48 0.00	34.09 0.41 0.00	30.47 0.43 0.00	33.36 0.54 0.00	37.18 0.67 0.00	41.92 0.74 0.00	55.85 1.00 0.00	44.01 0.62 0.00	33.02 0.34 0.00	32.11 0.29 0.00
MALONE___115KV_TB1 356076	57.95 0.85 0.00	52.70 0.59 0.00	52.89 1.07 0.00	40.66 0.86 0.00	37.99 0.86 0.00	31.20 0.70 0.00	31.24 0.82 0.00	29.41 0.77 0.00	34.87 1.11 0.00	61.85 2.29 0.00	59.02 2.18 0.00	61.87 2.35 0.00	51.99 1.86 0.00	43.44 1.41 0.00	47.90 1.52 0.00	34.72 1.04 0.00	30.99 0.95 0.00	33.66 0.84 0.00	37.24 0.73 0.00	41.89 0.71 0.00	55.30 0.44 0.00	43.66 0.27 0.00	32.89 0.20 0.00	31.74 -0.08 0.00
MAPLEWOD_115KV_TB3 80458	58.04 0.94 0.00	52.99 0.87 0.00	52.57 0.75 0.00	40.39 0.59 0.00	37.73 0.60 0.00	31.04 0.55 0.00	31.06 0.63 0.00	29.38 0.74 0.00	34.59 0.83 0.00	61.23 1.67 0.00	58.89 2.04 0.00	61.48 1.96 0.00	51.90 1.77 0.00	43.51 1.48 0.00	48.06 1.67 0.00	34.92 1.24 0.00	31.15 1.12 0.00	33.96 1.13 0.00	37.56 1.04 0.00	42.36 1.19 0.00	56.47 1.61 0.00	44.63 1.24 0.00	33.68 1.00 0.00	32.73 0.91 0.00
MAPLE_RIDGE_WT_1 323574	57.04 -0.06 0.00	52.04 -0.08 0.00	51.83 0.01 0.00	39.81 0.01 0.00	37.08 -0.05 0.00	30.25 -0.24 0.00	30.20 -0.22 0.00	28.38 -0.26 0.00	33.44 -0.32 0.00	59.03 -0.53 0.00	56.48 -0.36 0.00	59.15 -0.37 0.00	49.77 -0.37 0.00	41.89 -0.14 0.00	46.20 -0.18 0.00	33.54 -0.14 0.00	29.79 -0.24 0.00	32.40 -0.43 0.00	36.03 -0.49 0.00	40.47 -0.70 0.00	53.79 -1.06 0.00	42.47 -0.92 0.00	31.93 -0.75 0.00	31.05 -0.77 0.00
MAPLE_RIDGE_WT_2 323611	57.04 -0.06 0.00	52.04 -0.08 0.00	51.83 0.01 0.00	39.81 0.01 0.00	37.08 -0.05 0.00	30.25 -0.24 0.00	30.20 -0.22 0.00	28.38 -0.26 0.00	33.44 -0.32 0.00	59.03 -0.53 0.00	56.48 -0.36 0.00	59.15 -0.37 0.00	49.77 -0.37 0.00	41.89 -0.14 0.00	46.20 -0.18 0.00	33.54 -0.14 0.00	29.79 -0.24 0.00	32.40 -0.43 0.00	36.03 -0.49 0.00	40.47 -0.70 0.00	53.79 -1.06 0.00	42.47 -0.92 0.00	31.93 -0.75 0.00	31.05 -0.77 0.00
MARBLE_RIVER_WT_PWR 323696	57.36 0.26 0.00	52.17 0.05 0.00	52.39 0.57 0.00	40.32 0.51 0.00	37.72 0.59 0.00	31.00 0.51 0.00	31.02 0.60 0.00	29.18 0.54 0.00	34.55 0.79 0.00	61.17 1.60 0.00	58.42 1.57 0.00	61.29 1.77 0.00	51.61 1.47 0.00	43.13 1.10 0.00	47.47 1.08 0.00	34.37 0.69 0.00	30.71 0.67 0.00	33.30 0.48 0.00	36.76 0.25 0.00	41.38 0.21 0.00	54.54 -0.32 0.00	43.11 -0.28 0.00	32.55 -0.13 0.00	31.46 -0.36 0.00
MARSHVLE_115KV_TB1 80742	60.20 3.11 0.00	54.82 2.70 0.00	54.46 2.64 0.00	41.88 2.07 0.00	39.05 1.92 0.00	31.98 1.49 0.00	31.88 1.46 0.00	29.86 1.22 0.00	35.26 1.50 0.00	62.27 2.71 0.00	58.87 2.03 0.00	61.70 2.18 0.00	51.64 1.51 0.00	43.28 1.25 0.00	47.83 1.45 0.00	34.78 1.10 0.00	31.03 0.99 0.00	34.01 1.18 0.00	38.09 1.58 0.00	43.04 1.86 0.00	57.35 2.49 0.00	45.31 1.93 0.00	33.89 1.21 0.00	32.97 1.15 0.00
MARSH_HILL_WT_PWR 323713	54.23 -2.87 0.00	49.22 -2.90 0.00	48.39 -3.43 0.00	37.30 -2.50 0.00	34.95 -2.18 0.00	28.51 -1.98 0.00	27.95 -2.48 0.00	28.88 -2.57 -2.81	31.47 -2.84 -0.56	54.52 -5.06 -0.01	48.60 -4.35 3.89	55.09 -4.44 0.00	45.84 -4.30 0.00	38.03 -4.00 0.00	41.50 -4.89 0.00	29.19 -4.49 0.00	39.69 -3.95 -13.60	51.79 -3.90 -22.87	47.97 -3.83 -15.29	44.22 -3.83 -6.89	80.63 -5.36 -31.13	62.00 -4.54 -23.15	35.43 -3.61 -6.36	46.78 -3.28 -18.24
MCINTYRE_115KV_TB2 80467	58.73 1.64 0.00	53.51 1.39 0.00	53.40 1.58 0.00	40.93 1.13 0.00	38.15 1.02 0.00	31.29 0.80 0.00	31.27 0.84 0.00	29.44 0.79 0.00	34.99 1.23 0.00	61.96 2.39 0.00	59.03 2.19 0.00	61.86 2.34 0.00	51.59 1.46 0.00	43.36 1.33 0.00	48.00 1.61 0.00	34.85 1.17 0.00	31.07 1.04 0.00	33.94 1.11 0.00	37.74 1.23 0.00	42.43 1.26 0.00	56.44 1.58 0.00	44.58 1.20 0.00	33.55 0.87 0.00	32.47 0.65 0.00
MECO_____69_KV_BK1 80468	60.56 3.46 0.00	55.15 3.03 0.00	54.77 2.95 0.00	42.09 2.29 0.00	39.26 2.13 0.00	32.21 1.72 0.00	32.17 1.75 0.00	30.26 1.62 0.00	35.73 1.97 0.00	63.10 3.53 0.00	59.86 3.01 0.00	62.61 3.09 0.00	52.53 2.40 0.00	43.98 1.95 0.00	48.59 2.21 0.00	35.37 1.69 0.00	31.62 1.59 0.00	34.68 1.86 0.00	38.76 2.25 0.00	43.80 2.62 0.00	58.32 3.46 0.00	46.00 2.62 0.00	34.45 1.77 0.00	33.46 1.64 0.00
MENANDS___115KV_TB5 355628	57.69 0.59 0.00	52.68 0.56 0.00	52.26 0.44 0.00	40.16 0.36 0.00	37.52 0.39 0.00	30.87 0.38 0.00	30.91 0.48 0.00	29.24 0.60 0.00	34.40 0.64 0.00	60.96 1.39 0.00	58.76 1.91 0.00	61.35 1.83 0.00	51.80 1.67 0.00	43.43 1.40 0.00	47.96 1.58 0.00	34.85 1.17 0.00	31.08 1.05 0.00	33.83 1.01 0.00	37.38 0.86 0.00	42.15 0.97 0.00	56.18 1.33 0.00	44.43 1.05 0.00	33.54 0.86 0.00	32.60 0.78 0.00
MG INDUSTRY___DRP 24185	57.84 0.74 0.00	52.82 0.70 0.00	52.45 0.63 0.00	40.33 0.52 0.00	37.67 0.54 0.00	30.98 0.49 0.00	30.97 0.54 0.00	29.25 0.61 0.00	34.41 0.65 0.00	60.89 1.33 0.00	58.51 1.66 0.00	61.12 1.60 0.00	51.59 1.45 0.00	43.23 1.19 0.00	47.73 1.35 0.00	34.72 1.04 0.00	30.97 0.93 0.00	33.74 0.92 0.00	37.37 0.86 0.00	42.14 0.97 0.00	56.16 1.30 0.00	44.40 1.02 0.00	33.50 0.82 0.00	32.59 0.76 0.00

MID___OSWEGATCHIE_HYD 23849	57.02 -0.08 0.00	51.63 -0.49 0.00	51.64 -0.18 0.00	39.69 -0.12 0.00	37.02 -0.11 0.00	30.19 -0.30 0.00	30.23 -0.19 0.00	28.54 -0.10 0.00	33.80 0.04 0.00	59.45 -0.11 0.00	56.69 -0.15 0.00	59.11 -0.41 0.00	49.25 -0.89 0.00	41.52 -0.52 0.00	45.87 -0.51 0.00	33.37 -0.31 0.00	29.77 -0.26 0.00	32.59 -0.23 0.00	36.21 -0.30 0.00	40.70 -0.47 0.00	54.21 -0.65 0.00	42.46 -0.92 0.00	31.78 -0.90 0.00	30.74 -1.08 0.00
MID___RAQUETTE_HYD 23851	56.87 -0.23 0.00	51.76 -0.36 0.00	51.72 -0.10 0.00	39.67 -0.13 0.00	36.99 -0.14 0.00	30.30 -0.20 0.00	30.30 -0.13 0.00	28.54 -0.10 0.00	33.88 0.12 0.00	59.94 0.38 0.00	57.16 0.32 0.00	59.90 0.38 0.00	50.13 0.00 0.00	42.10 0.07 0.00	46.54 0.16 0.00	33.78 0.10 0.00	30.09 0.06 0.00	32.81 -0.02 0.00	36.41 -0.10 0.00	40.93 -0.24 0.00	54.43 -0.43 0.00	42.96 -0.43 0.00	32.32 -0.36 0.00	31.28 -0.54 0.00
MILLIKEN___1 23584	57.51 0.41 0.00	52.43 0.31 0.00	52.00 0.18 0.00	39.94 0.14 0.00	37.24 0.11 0.00	30.59 0.10 0.00	30.48 0.06 0.00	28.83 -0.02 -0.21	33.64 -0.17 -0.04	59.04 -0.53 0.00	61.03 -0.66 -4.84	58.84 -0.68 0.00	49.57 -0.57 0.00	41.59 -0.44 0.00	45.78 -0.61 0.00	33.15 -0.54 -0.01	30.76 -0.42 -1.15	35.26 -0.26 -2.70	37.56 -0.09 -1.14	41.65 -0.04 -0.51	57.16 -0.02 -2.32	44.99 -0.13 -1.73	32.91 -0.25 -0.47	33.00 -0.18 -1.36
MILLIKEN___2 23585	57.51 0.41 0.00	52.43 0.31 0.00	52.00 0.18 0.00	39.94 0.14 0.00	37.24 0.11 0.00	30.59 0.10 0.00	30.48 0.06 0.00	28.83 -0.02 -0.21	33.64 -0.17 -0.04	59.04 -0.53 0.00	61.03 -0.66 -4.84	58.84 -0.68 0.00	49.57 -0.57 0.00	41.59 -0.44 0.00	45.78 -0.61 0.00	33.15 -0.54 -0.01	30.76 -0.42 -1.15	35.26 -0.26 -2.70	37.56 -0.09 -1.14	41.65 -0.04 -0.51	57.16 -0.02 -2.32	44.99 -0.13 -1.73	32.91 -0.25 -0.47	33.00 -0.18 -1.36
MILLIKEN___DIESEL 23629	57.51 0.41 0.00	52.43 0.31 0.00	52.00 0.18 0.00	39.94 0.14 0.00	37.24 0.11 0.00	30.59 0.10 0.00	30.48 0.06 0.00	28.83 -0.02 -0.21	33.64 -0.17 -0.04	59.04 -0.53 0.00	61.03 -0.66 -4.84	58.84 -0.68 0.00	49.57 -0.57 0.00	41.59 -0.44 0.00	45.78 -0.61 0.00	33.15 -0.54 -0.01	30.76 -0.42 -1.15	35.26 -0.26 -2.70	37.56 -0.09 -1.14	41.65 -0.04 -0.51	57.16 -0.02 -2.32	44.99 -0.13 -1.73	32.91 -0.25 -0.47	33.00 -0.18 -1.36
MILLSEAT___LFGE 323607	55.29 -1.80 0.00	50.59 -1.52 0.00	50.33 -1.49 0.00	38.48 -1.33 0.00	35.76 -1.38 0.00	29.34 -1.15 0.00	28.97 -1.45 0.00	26.22 -1.87 0.55	31.43 -2.22 0.11	55.03 -4.53 0.00	51.44 -4.15 1.26	55.69 -3.83 0.00	46.43 -3.71 0.00	39.25 -2.78 0.00	43.38 -3.01 0.00	31.28 -2.40 0.00	25.14 -2.17 2.72	25.52 -2.43 4.87	31.19 -2.32 3.00	37.07 -2.75 1.35	45.27 -3.49 6.10	35.81 -3.04 4.54	29.04 -2.40 1.25	26.01 -2.24 3.57
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	58.40 1.30 0.00	53.42 1.30 0.00	52.75 0.93 0.00	40.52 0.72 0.00	37.85 0.72 0.00	31.09 0.60 0.00	31.18 0.76 0.00	29.59 0.95 0.00	34.96 1.20 0.00	61.84 2.28 0.00	58.79 1.94 0.00	61.46 1.93 0.00	51.97 1.84 0.00	43.46 1.43 0.00	47.99 1.60 0.00	34.87 1.20 0.00	31.12 1.09 0.00	34.11 1.29 0.00	38.01 1.51 0.00	43.13 1.96 0.00	57.46 2.60 0.00	45.29 1.90 0.00	34.09 1.40 0.00	33.06 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	58.46 1.37 0.00	53.47 1.36 0.00	52.80 0.98 0.00	40.56 0.76 0.00	37.89 0.76 0.00	31.12 0.63 0.00	31.21 0.79 0.00	29.62 0.99 0.00	35.00 1.24 0.00	61.91 2.35 0.00	58.88 2.03 0.00	61.53 2.01 0.00	52.04 1.91 0.00	43.51 1.48 0.00	48.04 1.66 0.00	34.91 1.23 0.00	31.15 1.12 0.00	34.16 1.33 0.00	38.07 1.56 0.00	43.20 2.03 0.00	57.55 2.70 0.00	45.35 1.96 0.00	34.12 1.44 0.00	33.10 1.28 0.00
MODEL_CITY_ENERGY 24167	53.59 -3.51 0.00	49.13 -2.99 0.00	48.92 -2.90 0.00	37.40 -2.40 0.00	34.76 -2.37 0.00	28.48 -2.01 0.00	28.06 -2.36 0.00	25.12 -2.87 0.65	30.23 -3.40 0.13	52.92 -6.64 0.00	49.33 -6.13 1.38	53.73 -5.80 0.00	44.90 -5.24 0.00	38.07 -3.96 0.00	41.86 -4.52 0.00	30.21 -3.47 0.00	23.57 -3.23 3.23	23.40 -3.66 5.77	29.28 -3.67 3.56	35.26 -4.31 1.60	42.06 -5.56 7.25	33.38 -4.62 5.39	27.69 -3.52 1.48	24.30 -3.27 4.25
MODERN_LFGE___ 323580	53.59 -3.51 0.00	49.13 -2.99 0.00	48.92 -2.90 0.00	37.40 -2.40 0.00	34.76 -2.37 0.00	28.48 -2.01 0.00	28.06 -2.36 0.00	25.12 -2.87 0.65	30.23 -3.40 0.13	52.92 -6.64 0.00	49.33 -6.13 1.38	53.73 -5.80 0.00	44.90 -5.24 0.00	38.07 -3.96 0.00	41.86 -4.52 0.00	30.21 -3.47 0.00	23.57 -3.23 3.23	23.40 -3.66 5.77	29.28 -3.67 3.56	35.26 -4.31 1.60	42.06 -5.56 7.25	33.38 -4.62 5.39	27.69 -3.52 1.48	24.30 -3.27 4.25
MOHAWK_PAPER___DRP 24187	58.04 0.94 0.00	52.99 0.87 0.00	52.57 0.75 0.00	40.39 0.59 0.00	37.73 0.60 0.00	31.04 0.55 0.00	31.06 0.63 0.00	29.38 0.74 0.00	34.59 0.83 0.00	61.23 1.67 0.00	58.89 2.04 0.00	61.48 1.96 0.00	51.90 1.77 0.00	43.51 1.48 0.00	48.06 1.67 0.00	34.92 1.24 0.00	31.15 1.12 0.00	33.96 1.13 0.00	37.56 1.04 0.00	42.36 1.19 0.00	56.47 1.61 0.00	44.63 1.24 0.00	33.68 1.00 0.00	32.73 0.91 0.00
MOHICAN___35_KV_115KV_LD 80490	60.28 3.19 0.00	54.80 2.68 0.00	54.44 2.62 0.00	41.75 1.94 0.00	38.97 1.84 0.00	32.06 1.57 0.00	32.09 1.67 0.00	30.40 1.76 0.00	35.90 2.14 0.00	63.04 3.47 0.00	60.10 3.26 0.00	62.80 3.27 0.00	53.09 2.96 0.00	44.57 2.54 0.00	49.23 2.84 0.00	35.64 1.96 0.00	31.89 1.86 0.00	35.01 2.19 0.00	38.85 2.34 0.00	43.75 2.58 0.00	58.36 3.50 0.00	46.15 2.77 0.00	34.51 1.83 0.00	33.49 1.67 0.00
MONGAUP___HYD 23641	58.92 1.82 0.00	53.76 1.64 0.00	53.16 1.34 0.00	40.85 1.04 0.00	38.15 1.01 0.00	31.35 0.87 0.00	31.43 1.01 0.00	29.81 1.18 0.00	35.22 1.46 0.00	62.29 2.72 0.00	59.18 2.34 0.00	61.82 2.30 0.00	52.19 2.06 0.00	43.67 1.64 0.00	48.17 1.78 0.00	34.97 1.29 0.00	31.12 1.09 0.00	34.20 1.37 0.00	38.19 1.69 0.00	43.34 2.16 0.00	57.74 2.88 0.00	45.71 2.33 0.00	34.34 1.66 0.00	33.28 1.46 0.00
MONTAUK___DIESEL 23721	58.10 1.01 0.00	54.51 2.39 0.00	53.50 1.68 0.00	40.74 0.93 0.00	38.13 1.00 0.00	30.60 0.11 0.00	30.69 0.27 0.00	29.12 0.48 0.00	34.52 0.75 0.00	61.44 1.88 0.00	58.18 1.34 0.00	61.31 1.79 0.00	52.32 2.18 0.00	43.61 1.57 0.00	49.33 2.94 0.00	35.38 1.70 0.00	31.58 1.55 0.00	33.82 2.38 1.38	32.08 2.57 7.00	45.42 3.35 -0.89	58.68 4.72 0.90	51.51 3.74 -4.39	38.75 2.82 -3.25	34.14 2.32 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	54.78 -2.32 0.00	50.79 -1.33 0.00	50.40 -1.42 0.00	38.61 -1.19 0.00	35.94 -1.19 0.00	29.00 -1.49 0.00	28.17 -2.25 0.00	26.19 -2.21 0.24	31.18 -2.54 0.05	54.38 -5.18 0.00	48.91 -6.14 1.79	53.45 -6.07 0.00	45.01 -5.13 0.00	37.89 -4.14 0.00	41.53 -4.85 0.00	30.20 -3.48 0.00	25.58 -3.24 1.20	27.06 -3.42 2.34	32.12 -3.11 1.29	36.84 -3.75 0.58	47.17 -5.06 2.62	36.87 -4.56 1.95	28.45 -3.70 0.54	26.59 -3.69 1.54

MORRIS_RIDGE___SOLAR 323848	54.23 -2.87 0.00	49.38 -2.74 0.00	48.91 -2.91 0.00	37.73 -2.07 0.00	35.22 -1.91 0.00	28.82 -1.67 0.00	28.33 -2.10 0.00	20.46 -2.42 5.76	29.67 -2.95 1.14	54.07 -5.47 0.02	49.32 -4.83 2.69	54.50 -5.02 0.00	45.41 -4.72 0.00	37.97 -4.06 0.00	41.90 -4.49 0.00	29.81 -3.86 0.00	-1.62 -3.47 28.18	-19.64 -3.51 48.95	1.74 -3.43 31.35	23.41 -3.64 14.12	-13.86 -4.90 63.83	-8.24 -4.16 47.46	16.35 -3.30 13.04	-8.70 -3.12 37.40
MORTIMER_115KV_TB3 55949	55.72 -1.37 0.00	50.88 -1.24 0.00	50.59 -1.23 0.00	38.74 -1.07 0.00	36.05 -1.08 0.00	29.57 -0.92 0.00	29.33 -1.10 0.00	27.35 -1.29 0.00	32.20 -1.56 0.00	56.42 -3.14 0.00	52.94 -2.97 0.93	56.76 -2.76 0.00	47.51 -2.62 0.00	40.10 -1.94 0.00	44.22 -2.17 0.00	31.99 -1.69 0.00	28.50 -1.51 0.03	30.99 -1.66 0.18	34.93 -1.58 0.00	39.30 -1.87 0.00	52.51 -2.35 0.00	41.37 -2.02 0.00	31.07 -1.62 0.00	30.33 -1.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	58.73 1.64 0.00	53.75 1.63 0.00	53.05 1.23 0.00	40.78 0.98 0.00	38.10 0.96 0.00	31.28 0.79 0.00	31.39 0.97 0.00	29.80 1.16 0.00	35.22 1.46 0.00	62.33 2.77 0.00	59.26 2.42 0.00	61.95 2.43 0.00	52.41 2.28 0.00	43.78 1.75 0.00	48.34 1.95 0.00	35.14 1.46 0.00	31.35 1.32 0.00	34.37 1.55 0.00	38.30 1.79 0.00	43.50 2.32 0.00	57.91 3.05 0.00	45.65 2.26 0.00	34.36 1.67 0.00	33.31 1.49 0.00
MUNSVILLE_WIND_PWR 323609	59.45 2.36 0.00	54.10 1.98 0.00	53.21 1.39 0.00	40.70 0.89 0.00	37.86 0.73 0.00	31.01 0.52 0.00	31.00 0.58 0.00	29.02 0.22 -0.15	33.90 0.11 -0.03	59.70 0.13 0.00	59.20 -0.07 -2.43	59.05 -0.47 0.00	50.07 -0.06 0.00	42.57 0.54 0.00	46.81 0.43 0.00	33.66 -0.02 0.00	31.00 0.15 -0.82	34.65 0.05 -1.77	37.60 0.24 -0.84	41.77 0.22 -0.38	56.65 0.07 -1.72	44.38 -0.28 -1.28	32.59 -0.44 -0.35	32.33 -0.50 -1.01
N SALMON___HYD 24042	57.95 0.86 0.00	52.71 0.59 0.00	52.89 1.07 0.00	40.66 0.86 0.00	37.99 0.86 0.00	31.20 0.70 0.00	31.24 0.82 0.00	29.41 0.77 0.00	34.87 1.11 0.00	61.85 2.29 0.00	59.02 2.18 0.00	61.88 2.35 0.00	51.99 1.85 0.00	43.44 1.41 0.00	47.89 1.51 0.00	34.72 1.04 0.00	30.99 0.95 0.00	33.66 0.84 0.00	37.24 0.73 0.00	41.89 0.71 0.00	55.30 0.44 0.00	43.66 0.28 0.00	32.89 0.21 0.00	31.73 -0.09 0.00
N.AKRON__115KV_KNAPP 355671	55.19 -1.91 0.00	50.52 -1.60 0.00	50.27 -1.55 0.00	38.43 -1.37 0.00	35.72 -1.41 0.00	29.29 -1.20 0.00	28.92 -1.50 0.00	26.11 -1.94 0.59	31.32 -2.32 0.12	54.90 -4.66 0.00	51.30 -4.26 1.29	55.57 -3.95 0.00	46.36 -3.78 0.00	39.20 -2.83 0.00	43.28 -3.10 0.00	31.21 -2.47 0.00	24.83 -2.28 2.93	25.04 -2.56 5.23	30.87 -2.42 3.22	36.86 -2.87 1.45	44.63 -3.67 6.56	35.34 -3.17 4.88	28.86 -2.48 1.34	25.65 -2.32 3.84
N.BELMOR_69_KV_BK1 55787	58.60 1.51 0.00	54.19 2.07 0.00	53.30 1.48 0.00	40.93 1.13 0.00	38.21 1.08 0.00	31.22 0.73 0.00	31.29 0.87 0.00	29.70 1.06 0.00	35.19 1.43 0.00	62.39 2.82 0.00	59.21 2.36 -0.01	61.69 2.17 0.00	52.44 2.30 0.00	43.86 1.83 0.00	48.61 2.22 -0.01	35.21 1.53 0.00	31.38 1.34 0.00	37.82 1.70 -3.29	58.52 1.97 -20.04	48.82 2.39 -5.26	108.40 3.36 -50.18	61.82 2.49 -15.94	43.12 1.91 -8.52	33.54 1.72 0.00
N.E_GEN_SANDY PD 24062	58.34 1.24 0.00	53.30 1.18 0.00	53.55 1.04 -0.69	39.92 0.75 0.64	37.90 0.76 0.00	31.17 0.68 0.00	33.20 0.79 -1.98	30.16 0.96 -0.55	34.88 1.12 0.00	61.47 1.90 0.00	58.62 1.78 0.00	61.16 1.63 0.00	51.74 1.61 0.00	43.37 1.34 0.00	47.90 1.51 0.00	34.77 1.09 0.00	31.05 1.02 0.00	34.61 1.14 -0.64	37.60 1.16 0.07	42.03 1.35 0.50	56.71 1.86 0.00	44.86 1.47 0.00	33.90 1.22 0.00	32.94 1.12 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	58.29 1.19 0.00	53.30 1.18 0.00	52.60 0.78 0.00	40.38 0.58 0.00	37.72 0.59 0.00	30.98 0.49 0.00	31.09 0.66 0.00	29.50 0.86 0.00	34.85 1.09 0.00	61.66 2.10 0.00	58.61 1.77 0.00	61.25 1.73 0.00	51.81 1.67 0.00	43.32 1.29 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.01 0.98 0.00	34.01 1.19 0.00	37.93 1.42 0.00	43.05 1.88 0.00	57.39 2.53 0.00	45.19 1.80 0.00	33.99 1.31 0.00	32.97 1.15 0.00
N.QUEENS_27_KV_LOAD 356247	58.37 1.27 0.00	53.39 1.28 0.00	52.78 0.96 0.00	40.56 0.76 0.00	37.92 0.79 0.00	31.14 0.65 -0.01	31.35 0.92 0.00	29.80 1.16 0.00	35.23 1.47 0.00	62.38 2.81 0.00	59.29 2.45 0.00	62.00 2.48 0.00	52.47 2.34 0.01	43.75 1.73 0.01	48.26 1.88 0.00	35.11 1.43 0.00	31.30 1.26 0.00	35.50 1.50 -1.18	44.28 1.79 -5.98	43.41 2.24 0.01	63.49 2.89 -5.74	45.52 2.14 0.00	34.27 1.59 0.00	33.23 1.41 0.00
N.TROY___115KV_TB1 355778	58.38 1.28 0.00	53.26 1.14 0.00	52.88 1.06 0.00	40.59 0.79 0.00	37.91 0.78 0.00	31.19 0.70 0.00	31.19 0.76 0.00	29.52 0.89 0.00	34.78 1.01 0.00	61.31 1.75 0.00	58.61 1.77 0.00	61.19 1.67 0.00	51.70 1.57 0.00	43.36 1.33 0.00	47.88 1.50 0.00	34.77 1.09 0.00	31.04 1.01 0.00	33.93 1.11 0.00	37.59 1.08 0.00	42.36 1.19 0.00	56.52 1.66 0.00	44.70 1.32 0.00	33.74 1.06 0.00	32.79 0.97 0.00
NARROWS_GT1_1 24228	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT1_2 24229	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT1_3 24230	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT1_4 24231	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81

NARROWS_GT1_5 24232	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT1_6 24233	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT1_7 24234	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT1_8 24235	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.48 2.22 -7.75	54.52 2.78 -10.57	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_1 24236	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_2 24237	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_3 24238	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_4 24239	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_5 24240	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_6 24241	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_7 24242	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NARROWS_GT2_8 24243	59.22 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.08 1.12 -26.47	45.05 1.28 -13.34	45.48 1.45 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.85 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.87 -10.07	45.55 1.68 -13.83	45.74 1.93 -11.00	46.98 2.22 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.69 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	58.86 1.76 0.00	53.68 1.57 0.00	53.31 1.49 0.00	40.96 1.16 0.00	38.26 1.13 0.00	31.52 1.03 0.00	31.55 1.13 0.00	29.85 1.21 0.00	35.18 1.42 0.00	62.37 2.81 0.00	60.17 3.33 0.00	62.81 3.28 0.00	52.94 2.81 0.00	44.35 2.32 0.00	48.90 2.52 0.00	35.61 1.93 0.00	31.80 1.76 0.00	34.59 1.78 0.00	38.32 1.81 0.00	43.22 2.05 0.00	57.50 2.64 0.00	45.39 2.00 0.00	34.19 1.51 0.00	33.18 1.36 0.00
NCHELSEA_115KV_TR2 355582	58.83 1.74 0.00	53.80 1.68 0.00	53.19 1.37 0.00	40.86 1.06 0.00	38.16 1.03 0.00	31.36 0.87 0.00	31.44 1.02 0.00	29.83 1.20 0.00	35.25 1.49 0.00	62.33 2.76 0.00	59.31 2.47 0.00	61.99 2.47 0.00	52.40 2.27 0.00	43.84 1.81 0.00	48.40 2.02 0.00	35.18 1.50 0.00	31.41 1.38 0.00	34.42 1.60 0.00	38.37 1.86 0.00	43.49 2.31 0.00	57.91 3.05 0.00	45.64 2.25 0.00	34.33 1.65 0.00	33.30 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	59.44 2.35 0.00	54.20 2.08 0.00	53.76 1.94 0.00	41.30 1.50 0.00	38.56 1.43 0.00	31.71 1.22 0.00	31.71 1.29 0.00	30.01 1.37 0.00	35.40 1.64 0.00	62.36 2.79 0.00	59.54 2.69 0.00	62.19 2.67 0.00	52.51 2.38 0.00	44.04 2.00 0.00	48.63 2.25 0.00	35.32 1.63 0.00	31.53 1.50 0.00	34.54 1.72 0.00	38.33 1.82 0.00	43.20 2.03 0.00	57.60 2.74 0.00	45.51 2.13 0.00	34.25 1.57 0.00	33.25 1.43 0.00

NEG CENTRAL_HIGH_ACRES 23767	55.05 -2.05 0.00	50.25 -1.87 0.00	49.96 -1.86 0.00	38.29 -1.51 0.00	35.64 -1.49 0.00	29.26 -1.23 0.00	29.06 -1.36 0.00	27.15 -1.49 0.00	31.94 -1.82 0.00	56.02 -3.54 0.00	52.78 -3.39 0.66	56.28 -3.25 0.00	47.16 -2.97 0.00	39.71 -2.32 0.00	43.79 -2.59 0.00	31.71 -1.97 0.00	28.29 -1.73 0.02	30.86 -1.84 0.13	34.66 -1.86 0.00	39.00 -2.17 0.00	52.05 -2.81 0.00	41.01 -2.38 0.00	30.79 -1.89 0.00	30.08 -1.74 0.00
NEG CENTRAL___DRP 24199	56.52 -0.57 0.00	51.54 -0.58 0.00	51.11 -0.71 0.00	39.33 -0.47 0.00	36.67 -0.46 0.00	30.12 -0.37 0.00	29.95 -0.47 0.00	28.35 -0.55 -0.26	32.99 -0.82 -0.05	57.84 -1.72 0.00	54.05 -1.76 1.03	57.85 -1.67 0.00	48.65 -1.48 0.00	40.76 -1.27 0.00	44.90 -1.48 0.00	32.49 -1.19 0.00	30.28 -1.01 -1.25	33.94 -0.88 -2.00	37.17 -0.77 -1.43	40.97 -0.84 -0.64	56.54 -1.22 -2.90	44.47 -1.07 -2.16	32.36 -0.92 -0.59	32.72 -0.80 -1.70
NEG CENTRAL___INDECK 23768	56.68 -0.41 0.00	51.61 -0.51 0.00	51.16 -0.66 0.00	39.27 -0.53 0.00	36.65 -0.48 0.00	30.03 -0.46 0.00	29.68 -0.75 0.00	30.46 -1.00 -2.82	33.07 -1.25 -0.56	56.83 -2.74 -0.01	51.98 -2.50 2.36	57.33 -2.20 0.00	47.56 -2.58 0.00	39.68 -2.35 0.00	43.90 -2.48 0.00	31.48 -2.19 0.00	41.73 -2.01 -13.70	54.28 -1.81 -23.27	50.29 -1.57 -15.35	46.62 -1.47 -6.92	84.33 -1.79 -31.26	64.88 -1.75 -23.25	37.54 -1.53 -6.38	48.73 -1.41 -18.32
NEG CENTRAL___SENECA 23627	56.36 -0.73 0.00	51.37 -0.74 0.00	50.92 -0.89 0.00	39.23 -0.57 0.00	36.57 -0.56 0.00	30.03 -0.46 0.00	29.82 -0.60 0.00	28.39 -0.67 -0.42	32.91 -0.93 -0.08	57.55 -2.02 0.00	52.79 -2.09 1.96	57.57 -1.95 0.00	48.43 -1.71 0.00	40.56 -1.48 0.00	44.65 -1.73 0.00	32.23 -1.45 0.00	30.79 -1.22 -1.98	34.88 -1.07 -3.12	37.90 -0.88 -2.27	41.25 -0.95 -1.02	58.01 -1.47 -4.62	45.50 -1.32 -3.44	32.53 -1.10 -0.94	33.51 -1.02 -2.71
NEG CENTRAL___STATE_STREET 24147	57.18 0.08 0.00	52.09 -0.03 0.00	51.75 -0.07 0.00	39.76 -0.05 0.00	37.08 -0.05 0.00	30.46 -0.03 0.00	30.35 -0.08 0.00	28.41 -0.22 0.00	33.28 -0.48 0.00	58.50 -1.07 0.00	56.44 -0.98 -0.58	58.58 -0.95 0.00	49.26 -0.87 0.00	41.30 -0.73 0.00	45.52 -0.86 0.00	33.00 -0.68 0.00	29.51 -0.54 -0.02	32.53 -0.40 -0.11	36.12 -0.39 0.00	40.72 -0.45 0.00	54.38 -0.48 0.00	42.95 -0.44 0.00	32.18 -0.51 0.00	31.50 -0.32 0.00
NEG MILLWOOD___DRP 24198	58.94 1.85 0.00	53.89 1.78 0.00	53.27 1.45 0.00	40.93 1.13 0.00	38.22 1.10 0.00	31.41 0.92 0.00	31.51 1.09 0.00	29.90 1.27 0.00	35.34 1.58 0.00	62.56 2.99 0.00	59.52 2.68 0.00	62.21 2.69 0.00	52.59 2.46 0.00	44.00 1.97 0.00	48.57 2.18 0.00	35.30 1.62 0.00	31.51 1.48 0.00	34.54 1.72 0.00	38.51 2.00 0.00	43.65 2.48 0.00	58.12 3.27 0.00	45.79 2.40 0.00	34.44 1.76 0.00	33.39 1.57 0.00
NEG NORTH_FLCN_SEA 23793	57.83 0.73 0.00	52.60 0.48 0.00	52.75 0.93 0.00	40.54 0.74 0.00	37.96 0.82 0.00	31.22 0.73 0.00	31.23 0.81 0.00	29.36 0.72 0.00	34.74 0.98 0.00	61.56 1.99 0.00	58.78 1.93 0.00	61.67 2.15 0.00	52.00 1.87 0.00	43.45 1.41 0.00	47.70 1.32 0.00	34.53 0.85 0.00	30.92 0.89 0.00	33.55 0.73 0.00	36.98 0.47 0.00	41.67 0.50 0.00	54.99 0.13 0.00	43.42 0.03 0.00	32.85 0.16 0.00	31.77 -0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	57.38 0.28 0.00	52.18 0.06 0.00	52.48 0.66 0.00	40.37 0.57 0.00	37.77 0.64 0.00	31.03 0.54 0.00	31.05 0.63 0.00	29.20 0.56 0.00	34.58 0.82 0.00	61.27 1.71 0.00	58.50 1.65 0.00	61.40 1.88 0.00	51.70 1.57 0.00	43.22 1.19 0.00	47.58 1.19 0.00	34.45 0.77 0.00	30.76 0.73 0.00	33.35 0.53 0.00	36.81 0.30 0.00	41.42 0.25 0.00	54.54 -0.31 0.00	43.12 -0.26 0.00	32.57 -0.11 0.00	31.44 -0.38 0.00
NEG NORTH___ALICE_FALLS 23915	58.37 1.27 0.00	53.08 0.96 0.00	53.19 1.38 0.00	40.87 1.07 0.00	38.27 1.14 0.00	31.49 1.00 0.00	31.50 1.08 0.00	29.65 1.01 0.00	35.07 1.31 0.00	62.19 2.63 0.00	59.43 2.58 0.00	62.33 2.81 0.00	52.54 2.40 0.00	43.87 1.84 0.00	48.16 1.77 0.00	34.88 1.20 0.00	31.24 1.21 0.00	33.91 1.09 0.00	37.41 0.90 0.00	42.16 0.98 0.00	55.62 0.76 0.00	43.88 0.50 0.00	33.12 0.44 0.00	32.00 0.18 0.00
NEG NORTH___LWR_SARANAC 23913	58.37 1.27 0.00	53.08 0.96 0.00	53.19 1.38 0.00	40.87 1.07 0.00	38.27 1.14 0.00	31.49 1.00 0.00	31.50 1.08 0.00	29.65 1.01 0.00	35.07 1.31 0.00	62.19 2.63 0.00	59.43 2.58 0.00	62.33 2.81 0.00	52.54 2.40 0.00	43.87 1.84 0.00	48.16 1.77 0.00	34.88 1.20 0.00	31.24 1.21 0.00	33.91 1.09 0.00	37.41 0.90 0.00	42.16 0.98 0.00	55.62 0.76 0.00	43.88 0.50 0.00	33.12 0.44 0.00	32.00 0.18 0.00
NEG NORTH___PLATTSBURG 23628	58.37 1.27 0.00	53.08 0.96 0.00	53.19 1.38 0.00	40.87 1.07 0.00	38.27 1.14 0.00	31.49 1.00 0.00	31.50 1.08 0.00	29.65 1.01 0.00	35.08 1.32 0.00	62.19 2.63 0.00	59.42 2.58 0.00	62.33 2.81 0.00	52.54 2.40 0.00	43.87 1.83 0.00	48.16 1.77 0.00	34.87 1.19 0.00	31.24 1.21 0.00	33.91 1.09 0.00	37.41 0.90 0.00	42.16 0.98 0.00	55.62 0.76 0.00	43.88 0.50 0.00	33.12 0.44 0.00	32.00 0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	54.00 -3.09 0.00	49.45 -2.67 0.00	49.24 -2.58 0.00	37.66 -2.15 0.00	35.00 -2.13 0.00	28.67 -1.82 0.00	28.25 -2.17 0.00	25.18 -2.64 0.82	30.44 -3.16 0.16	53.43 -6.14 0.00	49.78 -5.67 1.39	54.16 -5.36 0.00	45.24 -4.89 0.00	38.32 -3.71 0.00	42.18 -4.20 0.00	30.42 -3.26 0.00	22.97 -3.03 4.03	22.24 -3.43 7.15	28.68 -3.38 4.45	35.20 -3.97 2.01	40.67 -5.12 9.06	32.38 -4.27 6.74	27.56 -3.27 1.85	23.46 -3.05 5.31
NEG WEST___LANCASTER 23811	54.71 -2.39 0.00	49.92 -2.20 0.00	49.62 -2.20 0.00	38.03 -1.77 0.00	35.35 -1.78 0.00	28.97 -1.52 0.00	28.60 -1.82 0.00	26.25 -2.02 0.37	31.29 -2.40 0.07	54.89 -4.68 0.00	50.62 -4.53 1.70	55.21 -4.31 0.00	46.19 -3.94 0.00	39.02 -3.01 0.00	42.98 -3.40 0.00	30.97 -2.71 0.00	25.61 -2.57 1.85	26.52 -2.86 3.44	31.85 -2.65 2.01	37.22 -3.04 0.91	46.75 -4.01 4.10	36.94 -3.40 3.05	29.22 -2.63 0.84	26.93 -2.49 2.40
NEG_PENN_ALLEGHNY 23528	56.47 -0.63 0.00	51.46 -0.66 0.00	50.98 -0.84 0.00	39.20 -0.60 0.00	36.54 -0.59 0.00	30.01 -0.48 0.00	29.87 -0.55 0.00	28.17 -0.46 0.00	33.13 -0.62 0.00	58.32 -1.25 0.00	54.68 -1.40 0.76	58.12 -1.40 0.00	48.91 -1.23 0.00	41.03 -1.00 0.00	45.21 -1.18 0.00	32.78 -0.90 0.00	29.25 -0.77 0.02	31.96 -0.71 0.15	35.95 -0.56 0.00	40.63 -0.54 0.00	54.16 -0.70 0.00	42.67 -0.71 0.00	32.03 -0.65 0.00	31.19 -0.63 0.00
NEG___GEN_MONROE 24207	56.01 -1.09 0.00	51.16 -0.96 0.00	50.85 -0.97 0.00	38.92 -0.88 0.00	36.22 -0.91 0.00	29.71 -0.78 0.00	29.45 -0.97 0.00	27.30 -1.20 0.14	32.27 -1.46 0.03	56.53 -3.03 0.00	53.04 -2.85 0.95	56.92 -2.60 0.00	47.52 -2.61 0.00	40.16 -1.87 0.00	44.32 -2.06 0.00	32.06 -1.62 0.00	27.89 -1.45 0.69	29.91 -1.59 1.33	34.31 -1.46 0.74	39.10 -1.74 0.33	51.17 -2.18 1.51	40.34 -1.93 1.12	30.82 -1.55 0.31	29.50 -1.44 0.88

NEPA__ENERGY 23901	54.75 -2.35 0.00	49.97 -2.15 0.00	49.40 -2.42 0.00	37.93 -1.87 0.00	35.26 -1.86 0.00	28.83 -1.66 0.00	28.33 -2.09 0.00	26.37 -1.91 0.36	31.39 -2.30 0.07	55.02 -4.54 0.00	50.08 -5.04 1.72	54.74 -4.78 0.00	45.87 -4.27 0.00	38.62 -3.41 0.00	42.43 -3.95 0.00	30.76 -2.92 0.00	25.60 -2.64 1.79	26.66 -2.82 3.35	32.10 -2.46 1.95	37.50 -2.80 0.88	47.29 -3.60 3.97	37.12 -3.32 2.95	29.12 -2.75 0.81	26.82 -2.67 2.33
NEVERSINK__HYD 23608	58.80 1.70 0.00	53.71 1.59 0.00	53.13 1.31 0.00	40.82 1.01 0.00	38.10 0.97 0.00	31.32 0.83 0.00	31.38 0.96 0.00	29.76 1.12 0.00	35.17 1.41 0.00	62.17 2.61 0.00	59.12 2.27 0.00	61.83 2.31 0.00	52.22 2.09 0.00	43.67 1.64 0.00	48.21 1.83 0.00	35.04 1.36 0.00	31.26 1.22 0.00	34.26 1.44 0.00	38.21 1.70 0.00	43.35 2.18 0.00	57.77 2.91 0.00	45.49 2.10 0.00	34.18 1.50 0.00	33.15 1.32 0.00
NEWKRMKL_115KV_TB1 55635	57.41 0.32 0.00	52.42 0.30 0.00	52.03 0.21 0.00	39.99 0.18 0.00	37.35 0.22 0.00	30.75 0.25 0.00	30.78 0.36 0.00	29.11 0.47 0.00	34.23 0.47 0.00	60.85 1.28 0.00	58.85 2.00 0.00	61.45 1.93 0.00	51.87 1.74 0.00	43.48 1.45 0.00	48.01 1.63 0.00	34.89 1.21 0.00	31.11 1.07 0.00	33.79 0.97 0.00	37.30 0.79 0.00	42.08 0.91 0.00	56.07 1.21 0.00	44.32 0.93 0.00	33.45 0.76 0.00	32.50 0.68 0.00
NEWTON__FALLS_HYD 23847	57.02 -0.08 0.00	51.63 -0.49 0.00	51.64 -0.18 0.00	39.69 -0.12 0.00	37.02 -0.11 0.00	30.19 -0.30 0.00	30.23 -0.19 0.00	28.54 -0.10 0.00	33.80 0.04 0.00	59.45 -0.11 0.00	56.69 -0.15 0.00	59.11 -0.41 0.00	49.25 -0.89 0.00	41.52 -0.52 0.00	45.87 -0.51 0.00	33.37 -0.31 0.00	29.77 -0.26 0.00	32.59 -0.23 0.00	36.21 -0.30 0.00	40.70 -0.47 0.00	54.21 -0.65 0.00	42.46 -0.92 0.00	31.78 -0.90 0.00	30.74 -1.08 0.00
NGRID_A1_DSASP 323792	53.64 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.36 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.03 -2.40 0.00	25.18 -2.82 0.64	30.32 -3.31 0.13	53.12 -6.44 0.00	49.13 -6.33 1.39	53.62 -5.90 0.00	44.84 -5.30 0.00	38.06 -3.98 0.00	41.85 -4.53 0.00	30.31 -3.37 0.00	23.67 -3.19 3.17	23.48 -3.68 5.66	29.38 -3.63 3.49	35.39 -4.21 1.57	42.17 -5.58 7.11	33.48 -4.62 5.29	27.79 -3.44 1.45	24.43 -3.23 4.17
NGRID_A2_DSASP 323793	53.64 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.36 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.03 -2.40 0.00	25.18 -2.82 0.64	30.32 -3.31 0.13	53.12 -6.44 0.00	49.13 -6.33 1.39	53.62 -5.90 0.00	44.84 -5.30 0.00	38.06 -3.98 0.00	41.85 -4.53 0.00	30.31 -3.37 0.00	23.67 -3.19 3.17	23.48 -3.68 5.66	29.38 -3.63 3.49	35.39 -4.21 1.57	42.17 -5.58 7.11	33.48 -4.62 5.29	27.79 -3.44 1.45	24.43 -3.23 4.17
NGRID_A4_DSASP 323807	53.64 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.36 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.03 -2.40 0.00	25.18 -2.82 0.64	30.32 -3.31 0.13	53.12 -6.44 0.00	49.13 -6.33 1.39	53.62 -5.90 0.00	44.84 -5.30 0.00	38.06 -3.98 0.00	41.85 -4.53 0.00	30.31 -3.37 0.00	23.67 -3.19 3.17	23.48 -3.68 5.66	29.38 -3.63 3.49	35.39 -4.21 1.57	42.17 -5.58 7.11	33.48 -4.62 5.29	27.79 -3.44 1.45	24.43 -3.23 4.17
NIAGARA_115E_LBMP 323715	53.31 -3.79 0.00	48.92 -3.20 0.00	48.71 -3.11 0.00	37.24 -2.57 0.00	34.60 -2.53 0.00	28.36 -2.13 0.00	27.93 -2.49 0.00	24.99 -3.01 0.64	30.06 -3.58 0.13	52.58 -6.98 0.00	49.02 -6.43 1.40	53.44 -6.08 0.00	44.66 -5.47 0.00	37.88 -4.15 0.00	41.64 -4.74 0.00	30.07 -3.61 0.00	23.48 -3.39 3.16	23.33 -3.84 5.65	29.15 -3.88 3.48	35.05 -4.55 1.57	41.90 -5.87 7.09	33.26 -4.85 5.28	27.55 -3.69 1.45	24.23 -3.43 4.16
NIAGARA_115W_LBMP 323714	53.52 -3.58 0.00	48.94 -3.17 0.00	48.78 -3.05 0.00	37.27 -2.53 0.00	34.63 -2.50 0.00	28.38 -2.11 0.00	27.96 -2.46 0.00	25.11 -2.89 0.65	30.25 -3.39 0.13	52.99 -6.58 0.00	48.97 -6.49 1.38	53.46 -6.06 0.00	44.71 -5.43 0.00	37.94 -4.09 0.00	41.73 -4.65 0.00	30.23 -3.44 0.00	23.57 -3.27 3.19	23.35 -3.77 5.70	29.26 -3.73 3.51	35.28 -4.31 1.58	41.96 -5.74 7.16	33.32 -4.75 5.32	27.71 -3.52 1.46	24.32 -3.31 4.19
NIAGARA_230_LBMP 323716	53.68 -3.42 0.00	49.11 -3.01 0.00	48.91 -2.91 0.00	37.40 -2.40 0.00	34.75 -2.38 0.00	28.46 -2.03 0.00	28.06 -2.36 0.00	25.26 -2.71 0.67	30.43 -3.20 0.13	53.30 -6.27 0.00	49.55 -5.93 1.36	53.93 -5.59 0.00	45.10 -5.03 0.00	38.25 -3.78 0.00	42.08 -4.30 0.00	30.38 -3.30 0.00	23.70 -3.03 3.30	23.49 -3.44 5.89	29.41 -3.45 3.64	35.46 -4.07 1.64	42.25 -5.19 7.42	33.56 -4.31 5.52	27.87 -3.29 1.51	24.44 -3.04 4.35
NIAGARA__115KV_198_GIBSON 55903	53.52 -3.58 0.00	48.94 -3.18 0.00	48.78 -3.04 0.00	37.26 -2.54 0.00	34.63 -2.50 0.00	28.38 -2.11 0.00	27.96 -2.46 0.00	25.10 -2.89 0.65	30.23 -3.41 0.13	52.98 -6.59 0.00	48.97 -6.49 1.38	53.46 -6.06 0.00	44.71 -5.43 0.00	37.92 -4.11 0.00	41.72 -4.66 0.00	30.23 -3.45 0.00	23.53 -3.31 3.19	23.30 -3.82 5.70	29.26 -3.74 3.51	35.28 -4.31 1.58	41.89 -5.82 7.16	33.29 -4.77 5.32	27.71 -3.52 1.46	24.29 -3.34 4.19
NIAGARA____ 23760	53.68 -3.42 0.00	49.11 -3.01 0.00	48.91 -2.91 0.00	37.40 -2.40 0.00	34.75 -2.38 0.00	28.46 -2.03 0.00	28.06 -2.36 0.00	25.28 -2.71 0.65	30.43 -3.20 0.13	53.30 -6.27 0.00	49.54 -5.93 1.37	53.93 -5.59 0.00	45.10 -5.03 0.00	38.25 -3.78 0.00	42.08 -4.30 0.00	30.38 -3.30 0.00	23.80 -3.03 3.20	23.64 -3.44 5.74	29.51 -3.45 3.55	35.50 -4.07 1.60	42.43 -5.19 7.24	33.70 -4.31 5.37	27.92 -3.29 1.47	24.61 -3.04 4.17
NINE_MILE_1 23575	55.67 -1.43 0.00	50.80 -1.32 0.00	50.47 -1.35 0.00	38.76 -1.05 0.00	36.15 -0.98 0.00	29.69 -0.80 0.00	29.57 -0.85 0.00	27.73 -0.91 0.00	32.56 -1.20 0.00	57.32 -2.25 0.00	54.68 -2.17 0.00	57.28 -2.25 0.00	48.17 -1.96 0.00	40.35 -1.68 0.00	44.52 -1.86 0.00	32.33 -1.35 0.00	28.87 -1.17 0.00	31.57 -1.25 0.00	35.18 -1.33 0.00	39.66 -1.52 0.00	52.84 -2.02 0.00	41.85 -1.54 0.00	31.53 -1.15 0.00	30.84 -0.98 0.00
NINE_MILE_2 23744	55.67 -1.43 0.00	50.80 -1.32 0.00	50.47 -1.35 0.00	38.76 -1.05 0.00	36.15 -0.98 0.00	29.69 -0.80 0.00	29.57 -0.85 0.00	27.73 -0.91 0.00	32.56 -1.20 0.00	57.32 -2.25 0.00	54.68 -2.17 0.00	57.28 -2.25 0.00	48.17 -1.96 0.00	40.35 -1.68 0.00	44.52 -1.86 0.00	32.33 -1.35 0.00	28.87 -1.17 0.00	31.57 -1.25 0.00	35.18 -1.33 0.00	39.66 -1.52 0.00	52.84 -2.02 0.00	41.85 -1.54 0.00	31.53 -1.15 0.00	30.84 -0.98 0.00
NM_CAPITAL__DRP 24208	57.56 0.46 0.00	52.55 0.43 0.00	52.14 0.32 0.00	40.07 0.27 0.00	37.45 0.31 0.00	30.81 0.32 0.00	30.84 0.42 0.00	29.18 0.54 0.00	34.32 0.56 0.00	60.87 1.30 0.00	58.71 1.87 0.00	61.32 1.80 0.00	51.78 1.65 0.00	43.42 1.39 0.00	47.94 1.56 0.00	34.82 1.14 0.00	31.06 1.03 0.00	33.78 0.96 0.00	37.31 0.80 0.00	42.08 0.91 0.00	56.09 1.23 0.00	44.35 0.97 0.00	33.48 0.80 0.00	32.54 0.73 0.00

NM_CENTRAL___DRP 24181	56.60 -0.49 0.00	51.64 -0.48 0.00	51.27 -0.55 0.00	39.38 -0.42 0.00	36.72 -0.41 0.00	30.16 -0.33 0.00	30.05 -0.37 0.00	28.20 -0.44 0.00	33.11 -0.65 0.00	58.25 -1.31 0.00	55.52 -1.32 0.00	58.19 -1.33 0.00	48.94 -1.19 0.00	41.04 -0.99 0.00	45.25 -1.13 0.00	32.87 -0.81 0.00	29.36 -0.68 0.00	32.16 -0.66 0.00	35.87 -0.64 0.00	40.45 -0.73 0.00	53.90 -0.95 0.00	42.62 -0.76 0.00	32.06 -0.62 0.00	31.31 -0.51 0.00
NM_FRONTIER___DRP 24179	53.52 -3.58 0.00	48.94 -3.18 0.00	48.78 -3.04 0.00	37.26 -2.54 0.00	34.63 -2.50 0.00	28.38 -2.11 0.00	27.96 -2.46 0.00	25.10 -2.89 0.65	30.23 -3.41 0.13	52.98 -6.59 0.00	48.97 -6.49 1.38	53.46 -6.06 0.00	44.71 -5.43 0.00	37.92 -4.11 0.00	41.72 -4.66 0.00	30.23 -3.45 0.00	23.53 -3.31 3.19	23.30 -3.82 5.70	29.26 -3.74 3.51	35.28 -4.31 1.58	41.89 -5.82 7.16	33.29 -4.77 5.32	27.71 -3.52 1.46	24.29 -3.34 4.19
NM_ST_REGIS___HYD 24053	57.18 0.08 0.00	52.03 -0.09 0.00	52.07 0.25 0.00	39.96 0.16 0.00	37.28 0.15 0.00	30.55 0.06 0.00	30.57 0.14 0.00	28.79 0.15 0.00	34.18 0.42 0.00	60.51 0.94 0.00	57.72 0.88 0.00	60.48 0.96 0.00	50.68 0.54 0.00	42.48 0.44 0.00	46.93 0.55 0.00	34.06 0.38 0.00	30.36 0.33 0.00	33.06 0.24 0.00	36.66 0.15 0.00	41.22 0.04 0.00	54.69 -0.16 0.00	43.17 -0.21 0.00	32.49 -0.19 0.00	31.41 -0.41 0.00
NORTHPORT___1 23551	58.16 1.07 0.00	54.04 1.93 0.00	53.04 1.22 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.96 0.47 0.00	30.97 0.55 0.00	29.36 0.72 0.00	34.80 1.04 0.00	61.67 2.10 0.00	58.38 1.54 0.01	60.95 1.43 0.00	51.79 1.66 0.00	43.36 1.33 0.00	48.25 1.86 0.00	34.84 1.17 0.00	31.02 0.99 0.00	32.74 1.37 1.45	30.56 1.54 7.48	43.89 2.00 -0.72	55.33 2.81 2.33	49.43 2.10 -3.94	37.39 1.67 -3.04	33.33 1.51 0.00
NORTHPORT___2 23552	58.16 1.07 0.00	54.04 1.93 0.00	53.04 1.22 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.96 0.47 0.00	30.97 0.55 0.00	29.36 0.72 0.00	34.80 1.04 0.00	61.67 2.10 0.00	58.38 1.54 0.01	60.95 1.43 0.00	51.79 1.66 0.00	43.36 1.33 0.00	48.25 1.86 0.00	34.84 1.17 0.00	31.02 0.99 0.00	32.74 1.37 1.45	30.56 1.54 7.48	43.89 2.00 -0.72	55.33 2.81 2.33	49.43 2.10 -3.94	37.39 1.67 -3.04	33.33 1.51 0.00
NORTHPORT___3 23553	58.19 1.10 0.00	53.91 1.79 0.00	52.98 1.16 0.00	40.68 0.87 0.00	37.97 0.84 0.00	30.97 0.48 0.00	31.00 0.57 0.00	29.40 0.76 0.00	34.83 1.07 0.00	61.77 2.20 0.00	58.50 1.67 0.00	61.07 1.55 0.00	51.89 1.76 0.00	43.42 1.39 0.00	48.25 1.86 0.00	34.89 1.21 0.00	31.08 1.05 0.00	32.74 1.41 1.49	30.52 1.63 7.61	44.03 2.05 -0.80	55.72 2.85 1.99	49.67 2.11 -4.17	37.49 1.64 -3.16	33.30 1.48 0.00
NORTHPORT___4 23650	58.19 1.10 0.00	53.91 1.79 0.00	52.98 1.16 0.00	40.68 0.87 0.00	37.97 0.84 0.00	30.97 0.48 0.00	31.00 0.57 0.00	29.40 0.76 0.00	34.83 1.07 0.00	61.77 2.20 0.00	58.50 1.67 0.00	61.07 1.55 0.00	51.89 1.76 0.00	43.42 1.39 0.00	48.25 1.86 0.00	34.89 1.21 0.00	31.08 1.05 0.00	32.74 1.41 1.49	30.52 1.63 7.61	44.03 2.05 -0.80	55.72 2.85 1.99	49.67 2.11 -4.17	37.49 1.64 -3.16	33.30 1.48 0.00
NORTHPORT___IC 23718	58.16 1.07 0.00	54.04 1.93 0.00	53.04 1.22 0.00	40.74 0.93 0.00	38.02 0.90 0.00	30.96 0.47 0.00	30.97 0.55 0.00	29.36 0.72 0.00	34.81 1.05 0.00	61.67 2.10 0.00	58.36 1.52 0.01	60.94 1.42 0.00	51.79 1.66 0.00	43.37 1.34 0.00	48.25 1.86 0.00	34.84 1.16 0.00	31.03 1.00 0.00	32.76 1.39 1.45	30.55 1.53 7.48	43.89 2.00 -0.72	55.33 2.80 2.33	49.43 2.11 -3.94	37.40 1.67 -3.04	33.33 1.51 0.00
NORTH___COUNTRY_ESR 323785	57.38 0.28 0.00	52.18 0.07 0.00	52.48 0.66 0.00	40.37 0.57 0.00	37.77 0.64 0.00	31.03 0.54 0.00	31.05 0.63 0.00	29.20 0.56 0.00	34.58 0.82 0.00	61.27 1.71 0.00	58.49 1.65 0.00	61.40 1.88 0.00	51.71 1.57 0.00	43.22 1.19 0.00	47.58 1.19 0.00	34.45 0.77 0.00	30.76 0.73 0.00	33.35 0.53 0.00	36.81 0.30 0.00	41.42 0.25 0.00	54.54 -0.31 0.00	43.12 -0.26 0.00	32.57 -0.11 0.00	31.44 -0.38 0.00
NPX_GEN_1385_PROXY 323591	58.16 1.07 0.00	54.04 1.93 0.00	53.04 1.22 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.96 0.47 0.00	30.31 0.55 0.66	29.36 0.72 0.00	34.80 1.04 0.00	61.66 2.09 0.00	58.26 1.42 0.01	60.94 1.42 0.00	51.69 1.56 0.00	43.48 1.45 0.00	48.30 1.92 0.00	34.80 1.12 0.00	31.02 0.99 0.00	32.74 1.37 1.45	30.55 1.53 7.48	43.82 1.92 -0.72	55.32 2.79 2.33	49.43 2.10 -3.94	37.38 1.66 -3.04	33.04 1.22 0.00
NPX_GEN_CSC 323557	57.70 0.60 0.00	54.47 2.35 0.00	53.10 1.28 0.00	40.72 0.92 0.00	38.01 0.88 0.00	30.60 0.11 0.00	29.85 0.08 0.66	28.98 0.34 0.00	34.36 0.60 0.00	61.10 1.54 0.00	57.70 0.86 0.00	60.27 0.75 0.00	51.28 1.14 0.00	42.96 0.93 0.00	48.55 2.16 0.00	34.87 1.19 0.00	30.90 0.87 0.00	32.89 1.46 1.39	30.79 1.32 7.03	43.86 1.80 -0.89	56.45 2.56 0.97	49.91 2.15 -4.37	37.71 1.79 -3.24	33.52 1.70 0.00
NSINS_S_GLNS_FALLS 23858	60.33 3.23 0.00	54.85 2.73 0.00	54.47 2.65 0.00	41.78 1.98 0.00	39.00 1.87 0.00	32.08 1.60 0.00	32.12 1.70 0.00	30.41 1.77 0.00	35.91 2.15 0.00	63.09 3.53 0.00	60.16 3.32 0.00	62.87 3.35 0.00	53.14 3.00 0.00	44.61 2.57 0.00	49.26 2.88 0.00	35.68 2.00 0.00	31.92 1.89 0.00	35.04 2.21 0.00	38.88 2.37 0.00	43.80 2.62 0.00	58.38 3.53 0.00	46.17 2.78 0.00	34.54 1.86 0.00	33.50 1.68 0.00
NUCOR_STEEL___DRP 24197	57.18 0.09 0.00	52.09 -0.03 0.00	51.76 -0.06 0.00	39.76 -0.05 0.00	37.08 -0.05 0.00	30.46 -0.03 0.00	30.35 -0.08 0.00	28.41 -0.22 0.00	33.27 -0.49 0.00	58.49 -1.08 0.00	56.55 -0.96 -0.66	58.60 -0.93 0.00	49.28 -0.85 0.00	41.32 -0.71 0.00	45.55 -0.83 0.00	33.03 -0.65 0.00	29.53 -0.52 -0.02	32.57 -0.38 -0.13	36.11 -0.40 0.00	40.70 -0.48 0.00	54.39 -0.47 0.00	42.98 -0.41 0.00	32.18 -0.51 0.00	31.52 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	57.99 0.89 0.00	52.23 0.11 0.00	52.32 0.50 0.00	40.31 0.51 0.00	37.61 0.48 0.00	30.51 0.02 0.00	30.60 0.17 0.00	28.97 0.33 0.00	34.23 0.47 0.00	59.84 0.27 0.00	57.11 0.27 0.00	59.35 -0.17 0.00	49.13 -1.00 0.00	41.52 -0.51 0.00	45.92 -0.46 0.00	33.47 -0.21 0.00	29.87 -0.16 0.00	32.83 0.00 0.00	36.53 0.02 0.00	41.02 -0.15 0.00	54.79 -0.07 0.00	42.74 -0.64 0.00	31.81 -0.87 0.00	30.76 -1.06 0.00
NYISO_LBMP_REFERENCE 24008	57.09 0.00 0.00	52.12 0.00 0.00	51.82 0.00 0.00	39.80 0.00 0.00	37.13 0.00 0.00	30.49 0.00 0.00	30.42 0.00 0.00	28.64 0.00 0.00	33.76 0.00 0.00	59.56 0.00 0.00	56.84 0.00 0.00	59.52 0.00 0.00	50.14 0.00 0.00	42.03 0.00 0.00	46.38 0.00 0.00	33.68 0.00 0.00	30.03 0.00 0.00	32.82 0.00 0.00	36.51 0.00 0.00	41.17 0.00 0.00	54.86 0.00 0.00	43.39 0.00 0.00	32.68 0.00 0.00	31.82 0.00 0.00

NYPA_BRENTWD____GT 24164	58.69	54.52	53.51	41.06	38.33	31.20	31.23	29.62	35.14	62.33	58.90	61.41	52.35	43.82	48.78	35.21	31.35	33.40	32.86	44.74	60.23	51.04	38.26	33.68
	1.59	2.40	1.69	1.26	1.20	0.71	0.81	0.98	1.38	2.76	2.06	1.88	2.22	1.79	2.39	1.54	1.31	1.70	1.87	2.45	3.50	2.65	2.05	1.86
	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	1.12	5.52	-1.13	-1.87	-5.01	-3.53	0.00
NYPA_GOWANUS____GT5 24156	59.22	54.17	53.47	43.26	38.77	58.08	45.05	45.48	52.52	76.55	59.89	62.66	56.41	46.96	49.58	45.61	45.55	45.74	46.48	54.52	106.84	63.38	47.11	46.43
	2.13	2.05	1.65	1.41	1.33	1.12	1.28	1.45	1.80	3.42	3.04	3.13	2.85	2.23	2.46	1.87	1.68	1.93	2.22	2.78	3.52	2.69	2.00	1.80
	0.00	0.00	0.00	-2.05	-0.31	-26.47	-13.34	-15.38	-16.96	-13.57	-0.01	-0.01	-3.42	-2.70	-0.73	-10.07	-13.83	-11.00	-7.75	-10.57	-48.46	-17.31	-12.43	-12.81
NYPA_GOWANUS____GT6 24157	59.22	54.17	53.47	43.26	38.77	58.08	45.05	45.48	52.52	76.55	59.89	62.66	56.41	46.96	49.58	45.61	45.55	45.74	46.48	54.52	106.84	63.38	47.11	46.43
	2.13	2.05	1.65	1.41	1.33	1.12	1.28	1.45	1.80	3.42	3.04	3.13	2.85	2.23	2.46	1.87	1.68	1.93	2.22	2.78	3.52	2.69	2.00	1.80
	0.00	0.00	0.00	-2.05	-0.31	-26.47	-13.34	-15.38	-16.96	-13.57	-0.01	-0.01	-3.42	-2.70	-0.73	-10.07	-13.83	-11.00	-7.75	-10.57	-48.46	-17.31	-12.43	-12.81
NYPA_HARLEM__RVR__GT1 24160	58.36	53.38	52.79	40.58	37.93	31.15	31.32	29.76	35.18	62.29	59.23	61.93	52.41	43.69	48.21	35.08	31.27	34.28	38.21	43.41	57.68	45.48	34.25	33.21
	1.27	1.28	0.97	0.78	0.80	0.65	0.89	1.12	1.42	2.73	2.39	2.41	2.28	1.67	1.84	1.40	1.24	1.46	1.71	2.22	2.82	2.09	1.57	1.39
	0.01	0.01	0.01	0.00	0.00	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	58.36	53.38	52.79	40.58	37.93	31.15	31.32	29.76	35.18	62.29	59.23	61.93	52.41	43.69	48.21	35.08	31.27	34.28	38.21	43.41	57.68	45.48	34.25	33.21
	1.27	1.28	0.97	0.78	0.80	0.65	0.89	1.12	1.42	2.73	2.39	2.41	2.28	1.67	1.84	1.40	1.24	1.46	1.71	2.22	2.82	2.09	1.57	1.39
	0.01	0.01	0.01	0.00	0.00	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	59.09	54.04	53.35	42.75	38.55	48.08	39.75	39.42	45.67	70.98	59.71	62.47	56.34	46.81	49.26	43.42	40.02	41.25	44.02	54.05	111.42	59.27	42.08	41.24
	1.99	1.92	1.53	1.29	1.23	1.02	1.19	1.38	1.70	3.25	2.87	2.94	2.72	2.10	2.34	1.76	1.58	1.81	2.09	2.67	3.42	2.58	1.92	1.72
	0.00	0.00	0.00	-1.67	-0.19	-16.57	-8.14	-9.41	-10.21	-8.16	0.00	0.00	-3.48	-2.68	-0.54	-7.97	-8.40	-6.62	-5.41	-10.20	-53.14	-13.30	-7.48	-7.71
NYPA_POUCH1____GT 24155	59.06	54.02	53.29	43.17	38.70	58.01	44.98	45.40	52.42	76.34	59.68	62.46	56.23	46.82	49.42	45.50	45.46	45.65	46.35	47.03	58.14	63.22	47.01	46.35
	1.96	1.90	1.47	1.33	1.26	1.05	1.21	1.38	1.70	3.21	2.83	2.94	2.68	2.08	2.31	1.76	1.60	1.83	2.11	2.62	3.29	2.52	1.90	1.72
	0.00	0.00	0.00	-2.05	-0.31	-26.47	-13.34	-15.38	-16.96	-13.57	-0.01	-0.01	-3.42	-2.70	-0.73	-10.07	-13.83	-11.00	-7.74	-3.24	0.00	-17.31	-12.43	-12.81
NYPA_VERNON____GT2 24162	58.95	53.92	53.24	42.26	38.34	38.09	34.45	33.37	38.83	65.41	59.57	62.28	56.25	46.66	48.94	41.22	34.49	36.76	39.93	53.13	116.00	55.15	37.05	36.06
	1.85	1.80	1.42	1.17	1.14	0.93	1.11	1.30	1.62	3.08	2.72	2.76	2.56	1.98	2.20	1.66	1.48	1.70	1.97	2.55	3.31	2.48	1.83	1.63
	0.00	0.00	0.00	-1.29	-0.07	-6.67	-2.92	-3.44	-3.46	-2.76	0.00	0.00	-3.55	-2.65	-0.36	-5.88	-2.97	-2.24	-1.45	-9.41	-57.83	-9.29	-2.53	-2.61
NYPA_VERNON____GT3 24163	58.95	53.92	53.24	42.26	38.34	38.09	34.45	33.37	38.83	65.41	59.57	62.28	56.25	46.66	48.94	41.22	34.49	36.76	39.93	53.13	116.00	55.15	37.05	36.06
	1.85	1.80	1.42	1.17	1.14	0.93	1.11	1.30	1.62	3.08	2.72	2.76	2.56	1.98	2.20	1.66	1.48	1.70	1.97	2.55	3.31	2.48	1.83	1.63
	0.00	0.00	0.00	-1.29	-0.07	-6.67	-2.92	-3.44	-3.46	-2.76	0.00	0.00	-3.55	-2.65	-0.36	-5.88	-2.97	-2.24	-1.45	-9.41	-57.83	-9.29	-2.53	-2.61
NYPA__ASTORIA_CC1 323568	58.88	53.85	53.19	41.81	38.24	32.69	31.71	30.22	35.33	62.59	59.52	62.22	55.54	46.11	48.77	39.19	31.65	34.50	38.44	51.05	106.58	51.64	34.48	33.42
	1.78	1.74	1.37	1.13	1.10	0.91	1.08	1.27	1.57	3.02	2.67	2.70	2.52	1.96	2.18	1.64	1.46	1.67	1.93	2.52	3.28	2.43	1.80	1.60
	0.00	0.00	0.00	-0.88	-0.01	-1.30	-0.21	-0.31	0.00	0.00	0.00	0.00	-2.89	-2.12	-0.21	-3.87	-0.16	0.00	0.00	-7.36	-48.44	-5.83	0.00	0.00
NYPA__ASTORIA_CC2 323569	58.88	53.85	53.19	41.81	38.24	32.69	31.71	30.22	35.33	62.59	59.52	62.22	55.54	46.11	48.77	39.19	31.65	34.50	38.44	51.05	106.58	51.64	34.48	33.42
	1.78	1.74	1.37	1.13	1.10	0.91	1.08	1.27	1.57	3.02	2.67	2.70	2.52	1.96	2.18	1.64	1.46	1.67	1.93	2.52	3.28	2.43	1.80	1.60
	0.00	0.00	0.00	-0.88	-0.01	-1.30	-0.21	-0.31	0.00	0.00	0.00	0.00	-2.89	-2.12	-0.21	-3.87	-0.16	0.00	0.00	-7.36	-48.44	-5.83	0.00	0.00
NYPA__HOLTSVILL 23794	58.19	54.26	53.16	40.80	38.08	30.92	30.91	29.35	34.79	61.74	58.40	60.98	51.85	43.42	48.52	34.98	31.11	32.95	31.03	44.19	56.72	50.05	37.74	33.49
	1.09	2.14	1.34	0.99	0.95	0.43	0.49	0.71	1.03	2.18	1.56	1.46	1.71	1.39	2.13	1.31	1.07	1.52	1.65	2.15	3.01	2.33	1.83	1.67
	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	1.40	7.12	-0.87	1.15	-4.33	-3.22	0.00
NYPA__HELLGATE_GT1 24158	58.36	53.39	52.79	40.58	37.93	31.15	31.32	29.76	35.18	62.29	59.20	61.88	52.37	43.69	48.21	35.08	31.26	34.26	38.19	43.34	57.68	45.48	34.25	33.21
	1.27	1.28	0.97	0.78	0.80	0.65	0.89	1.12	1.42	2.73	2.36	2.36	2.24	1.67	1.84	1.40	1.24	1.44	1.68	2.20	2.82	2.09	1.57	1.39
	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	58.36	53.39	52.79	40.58	37.93	31.15	31.32	29.76	35.18	62.29	59.20	61.88	52.37	43.69	48.21	35.08	31.26	34.26	38.19	43.34	57.68	45.48	34.25	33.21
	1.27	1.28	0.97	0.78	0.80	0.65	0.89	1.12	1.42	2.73	2.36	2.36	2.24	1.67	1.84	1.40	1.24	1.44	1.68	2.20	2.82	2.09	1.57	1.39
	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	54.06	49.52	49.30	37.70	35.04	28.70	28.29	25.35	30.53	53.47	49.87	54.22	45.29	38.39	42.25	30.48	23.69	23.47	29.46	35.58	42.27	33.55	27.90	24.38
	-3.04	-2.60	-2.52	-2.10	-2.09	-1.78	-2.13	-2.61	-3.09	-6.09	-5.62	-5.31	-4.84	-3.64	-4.13	-3.20	-2.97	-3.34	-3.33	-3.92	-5.02	-4.21	-3.23	-3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.14	0.00	1.36	0.00	0.00	0.00	0.00	0.00	3.37	6.01	3.72	1.68	7.57	5.63	1.55	4.44

OAK ORCHARD___HYD 24046	55.73 -1.37 0.00	50.89 -1.23 0.00	50.59 -1.23 0.00	38.74 -1.07 0.00	36.05 -1.08 0.00	29.57 -0.92 0.00	29.33 -1.10 0.00	27.35 -1.29 0.00	32.22 -1.54 0.00	56.43 -3.14 0.00	52.94 -2.97 0.93	56.76 -2.76 0.00	47.51 -2.62 0.00	40.11 -1.93 0.00	44.23 -2.16 0.00	31.99 -1.69 0.00	28.52 -1.49 0.03	31.01 -1.63 0.18	34.93 -1.58 0.00	39.30 -1.87 0.00	52.54 -2.32 0.00	41.38 -2.01 0.00	31.06 -1.62 0.00	30.35 -1.47 0.00
OAKDALE___35_KV_LOAD 356122	56.41 -0.68 0.00	51.42 -0.70 0.00	50.95 -0.87 0.00	39.18 -0.62 0.00	36.53 -0.60 0.00	30.00 -0.49 0.00	29.85 -0.57 0.00	28.15 -0.49 0.00	33.12 -0.64 0.00	58.27 -1.29 0.00	54.40 -1.43 1.01	58.10 -1.42 0.00	48.87 -1.26 0.00	41.01 -1.03 0.00	45.19 -1.20 0.00	32.76 -0.92 0.00	29.22 -0.79 0.03	31.87 -0.76 0.19	35.89 -0.62 0.00	40.56 -0.61 0.00	54.06 -0.80 0.00	42.62 -0.77 0.00	32.00 -0.68 0.00	31.17 -0.65 0.00
OCC_CHEM___DRP 24175	53.63 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.35 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.02 -2.40 0.00	25.17 -2.83 0.64	30.30 -3.33 0.13	53.12 -6.44 0.00	49.12 -6.33 1.39	53.62 -5.91 0.00	44.83 -5.30 0.00	38.04 -3.99 0.00	41.85 -4.54 0.00	30.30 -3.37 0.00	23.64 -3.22 3.17	23.44 -3.73 5.66	29.38 -3.64 3.49	35.39 -4.21 1.57	42.10 -5.65 7.11	33.45 -4.65 5.29	27.79 -3.44 1.45	24.40 -3.25 4.17
OH_GEN_PROXY 24063	53.72 -3.38 0.00	49.14 -2.98 0.00	48.92 -2.90 0.00	37.41 -2.39 0.00	34.76 -2.37 0.00	28.48 -2.01 0.00	27.44 -2.33 0.66	25.41 -2.64 0.59	30.54 -3.11 0.12	53.48 -6.08 0.00	49.70 -5.79 1.35	54.06 -5.47 0.00	45.20 -4.93 0.00	38.31 -3.72 0.00	42.16 -4.22 0.00	30.44 -3.24 0.00	24.14 -2.97 2.93	24.22 -3.36 5.24	29.93 -3.36 3.22	35.77 -3.95 1.45	43.27 -5.03 6.56	34.31 -4.20 4.88	28.12 -3.23 1.34	25.00 -2.98 3.84
OLIN_CORP_DRP 24177	53.41 -3.68 0.00	48.98 -3.14 0.00	48.78 -3.04 0.00	37.30 -2.51 0.00	34.66 -2.47 0.00	28.39 -2.10 0.00	27.97 -2.45 0.00	25.06 -2.95 0.63	30.11 -3.53 0.12	52.74 -6.82 0.00	49.12 -6.32 1.41	53.57 -5.96 0.00	44.78 -5.35 0.00	37.96 -4.07 0.00	41.75 -4.63 0.00	30.14 -3.54 0.00	23.60 -3.33 3.10	23.48 -3.80 5.54	29.31 -3.79 3.41	35.19 -4.45 1.54	42.15 -5.76 6.95	33.46 -4.75 5.17	27.66 -3.60 1.42	24.38 -3.37 4.07
OLIN_CORP_DSASP 323712	53.64 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.36 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.03 -2.40 0.00	25.18 -2.82 0.64	30.32 -3.31 0.13	53.12 -6.44 0.00	49.13 -6.33 1.39	53.62 -5.90 0.00	44.84 -5.30 0.00	38.06 -3.98 0.00	41.85 -4.53 0.00	30.31 -3.37 0.00	23.67 -3.19 3.17	23.48 -3.68 5.66	29.38 -3.63 3.49	35.39 -4.21 1.57	42.17 -5.58 7.11	33.48 -4.62 5.29	27.79 -3.44 1.45	24.43 -3.23 4.17
ONEIDA_HERK_LFGE 323681	58.16 1.06 0.00	52.76 0.64 0.00	52.58 0.76 0.00	40.44 0.63 0.00	37.72 0.59 0.00	30.85 0.36 0.00	30.85 0.43 0.00	29.12 0.49 0.00	34.37 0.61 0.00	60.39 0.83 0.00	57.63 0.79 0.00	60.15 0.63 0.00	50.34 0.20 0.00	42.32 0.29 0.00	46.72 0.34 0.00	34.00 0.32 0.00	30.36 0.32 0.00	33.28 0.45 0.00	37.05 0.54 0.00	41.71 0.54 0.00	55.62 0.76 0.00	43.69 0.30 0.00	32.71 0.03 0.00	31.73 -0.09 0.00
ONEIDA___115KV_TB4 55905	58.19 1.09 0.00	52.98 0.86 0.00	52.63 0.81 0.00	40.44 0.64 0.00	37.72 0.59 0.00	30.98 0.49 0.00	30.93 0.51 0.00	29.14 0.50 0.00	34.32 0.56 0.00	60.39 0.83 0.00	57.58 0.74 0.00	60.21 0.69 0.00	50.72 0.58 0.00	42.54 0.51 0.00	46.86 0.48 0.00	34.09 0.41 0.00	30.47 0.43 0.00	33.36 0.54 0.00	37.18 0.67 0.00	41.92 0.74 0.00	55.85 1.00 0.00	44.01 0.62 0.00	33.02 0.34 0.00	32.11 0.29 0.00
ONONDAGA_REF_OCCRA 23987	56.87 -0.22 0.00	51.89 -0.23 0.00	51.51 -0.31 0.00	39.55 -0.25 0.00	36.89 -0.25 0.00	30.30 -0.19 0.00	30.18 -0.24 0.00	28.35 -0.30 0.00	33.28 -0.48 0.00	58.55 -1.01 0.00	56.26 -1.05 -0.47	58.45 -1.08 0.00	49.18 -0.95 0.00	41.24 -0.79 0.00	45.48 -0.90 0.00	33.03 -0.65 0.00	29.51 -0.53 -0.01	32.41 -0.50 -0.09	36.08 -0.43 0.00	40.69 -0.48 0.00	54.23 -0.63 0.00	42.86 -0.53 0.00	32.22 -0.46 0.00	31.46 -0.36 0.00
ONONDAGA___COGEN 23986	56.84 -0.25 0.00	51.86 -0.26 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.22 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.22 -0.54 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.39 -1.13 0.00	49.11 -1.03 0.00	41.18 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.57 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00
ONTARIO___LFGE 23819	56.36 -0.73 0.00	51.37 -0.75 0.00	50.92 -0.89 0.00	39.23 -0.57 0.00	36.57 -0.56 0.00	30.03 -0.46 0.00	29.82 -0.60 0.00	28.39 -0.66 -0.42	32.91 -0.93 -0.08	57.55 -2.02 0.00	52.79 -2.09 1.96	57.56 -1.96 0.00	48.43 -1.71 0.00	40.56 -1.48 0.00	44.65 -1.73 0.00	32.23 -1.45 0.00	30.80 -1.21 -1.98	34.90 -1.05 -3.12	37.88 -0.90 -2.27	41.25 -0.95 -1.02	58.01 -1.46 -4.62	45.51 -1.32 -3.44	32.52 -1.10 -0.94	33.52 -1.01 -2.71
ORANGEVILLE_WT_PWR 323706	53.95 -3.15 0.00	49.23 -2.89 0.00	48.86 -2.96 0.00	37.62 -2.19 0.00	35.07 -2.06 0.00	28.67 -1.82 0.00	28.18 -2.24 0.00	21.41 -2.69 4.54	29.57 -3.29 0.90	53.47 -6.08 0.02	49.11 -5.36 2.37	53.93 -5.60 0.00	44.93 -5.21 0.00	37.69 -4.34 0.00	41.59 -4.79 0.00	29.66 -4.01 0.00	4.24 -3.59 22.21	-9.49 -3.70 38.61	8.07 -3.75 24.69	25.92 -4.14 11.12	-0.87 -5.45 50.28	1.38 -4.61 37.39	18.78 -3.63 10.27	-1.07 -3.43 29.46
ORANGEVILLE___ESR 323794	53.95 -3.15 0.00	49.23 -2.89 0.00	48.86 -2.96 0.00	37.62 -2.19 0.00	35.07 -2.06 0.00	28.67 -1.82 0.00	28.18 -2.24 0.00	21.41 -2.69 4.54	29.57 -3.29 0.90	53.47 -6.08 0.02	49.11 -5.36 2.37	53.93 -5.60 0.00	44.93 -5.21 0.00	37.69 -4.34 0.00	41.59 -4.79 0.00	29.66 -4.01 0.00	4.24 -3.59 22.21	-9.49 -3.70 38.61	8.07 -3.75 24.69	25.92 -4.14 11.12	-0.87 -5.45 50.28	1.38 -4.61 37.39	18.78 -3.63 10.27	-1.07 -3.43 29.46
OSWEGATCHIE___HYD 24044	57.02 -0.08 0.00	51.63 -0.49 0.00	51.64 -0.18 0.00	39.69 -0.12 0.00	37.02 -0.11 0.00	30.19 -0.30 0.00	30.23 -0.19 0.00	28.54 -0.10 0.00	33.80 0.04 0.00	59.45 -0.11 0.00	56.69 -0.15 0.00	59.11 -0.41 0.00	49.25 -0.89 0.00	41.52 -0.51 0.00	45.87 -0.51 0.00	33.37 -0.31 0.00	29.77 -0.26 0.00	32.59 -0.23 0.00	36.21 -0.30 0.00	40.70 -0.47 0.00	54.21 -0.65 0.00	42.46 -0.92 0.00	31.78 -0.90 0.00	30.74 -1.08 0.00
OSWEGO___5 23606	55.98 -1.12 0.00	51.07 -1.04 0.00	50.74 -1.08 0.00	38.98 -0.82 0.00	36.35 -0.78 0.00	29.84 -0.65 0.00	29.74 -0.69 0.00	27.90 -0.74 0.00	32.77 -0.99 0.00	57.69 -1.88 0.00	55.03 -1.82 0.00	57.64 -1.88 0.00	48.48 -1.66 0.00	40.64 -1.39 0.00	44.82 -1.56 0.00	32.55 -1.13 0.00	29.05 -0.98 0.00	31.80 -1.02 0.00	35.43 -1.08 0.00	39.95 -1.23 0.00	53.24 -1.62 0.00	42.14 -1.24 0.00	31.73 -0.96 0.00	31.01 -0.81 0.00

OSWEGO___6 23613	55.98 -1.12 0.00	51.07 -1.04 0.00	50.74 -1.08 0.00	38.98 -0.82 0.00	36.35 -0.78 0.00	29.84 -0.65 0.00	29.74 -0.69 0.00	27.90 -0.74 0.00	32.77 -0.99 0.00	57.69 -1.88 0.00	55.03 -1.82 0.00	57.64 -1.88 0.00	48.48 -1.66 0.00	40.64 -1.39 0.00	44.82 -1.56 0.00	32.55 -1.13 0.00	29.05 -0.98 0.00	31.80 -1.02 0.00	35.43 -1.08 0.00	39.95 -1.23 0.00	53.24 -1.62 0.00	42.14 -1.24 0.00	31.73 -0.96 0.00	31.01 -0.81 0.00
OUTOKUMPU-AB___DRP 24206	54.49 -2.61 0.00	49.84 -2.27 0.00	49.65 -2.17 0.00	37.96 -1.85 0.00	35.27 -1.86 0.00	28.91 -1.58 0.00	28.48 -1.95 0.00	25.66 -2.37 0.61	30.83 -2.80 0.12	54.06 -5.51 0.00	50.15 -5.26 1.43	54.64 -4.88 0.00	45.68 -4.45 0.00	38.72 -3.32 0.00	42.60 -3.78 0.00	30.78 -2.90 0.00	24.27 -2.74 3.02	24.27 -3.14 5.41	30.17 -3.02 3.32	36.15 -3.53 1.50	43.46 -4.63 6.76	34.47 -3.89 5.03	28.34 -2.96 1.38	25.09 -2.77 3.96
OXBOW___BTM 323836	54.00 -3.10 0.00	49.38 -2.74 0.00	49.20 -2.62 0.00	37.61 -2.19 0.00	34.95 -2.18 0.00	28.63 -1.86 0.00	28.21 -2.21 0.00	25.39 -2.62 0.62	30.56 -3.08 0.12	53.52 -6.04 0.00	49.59 -5.85 1.41	54.07 -5.45 0.00	45.21 -4.92 0.00	38.36 -3.67 0.00	42.20 -4.18 0.00	30.53 -3.15 0.00	23.97 -2.97 3.09	23.89 -3.40 5.53	29.75 -3.35 3.41	35.75 -3.89 1.53	42.81 -5.12 6.94	33.95 -4.28 5.16	28.05 -3.22 1.42	24.74 -3.02 4.06
OXBOW____ 24026	54.00 -3.10 0.00	49.38 -2.74 0.00	49.20 -2.63 0.00	37.61 -2.20 0.00	34.95 -2.18 0.00	28.63 -1.86 0.00	28.21 -2.21 0.00	25.38 -2.63 0.62	30.54 -3.10 0.12	53.52 -6.04 0.00	49.59 -5.85 1.41	54.07 -5.45 0.00	45.22 -4.92 0.00	38.34 -3.69 0.00	42.20 -4.19 0.00	30.51 -3.16 0.00	23.94 -3.00 3.09	23.83 -3.46 5.53	29.76 -3.35 3.41	35.74 -3.90 1.53	42.75 -5.17 6.94	33.93 -4.30 5.16	28.05 -3.22 1.42	24.72 -3.04 4.06
OXY_CHEM_DSASP 323612	53.63 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.35 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.02 -2.40 0.00	25.17 -2.83 0.64	30.30 -3.33 0.13	53.12 -6.44 0.00	49.12 -6.33 1.39	53.62 -5.91 0.00	44.83 -5.30 0.00	38.04 -3.99 0.00	41.85 -4.54 0.00	30.30 -3.37 0.00	23.64 -3.22 3.17	23.44 -3.73 5.66	29.38 -3.64 3.49	35.39 -4.21 1.57	42.10 -5.65 7.11	33.45 -4.65 5.29	27.79 -3.44 1.45	24.40 -3.25 4.17
OZONE_PARK_ESR 323760	59.19 2.09 0.00	54.12 2.00 0.00	53.38 1.56 0.00	41.05 1.25 0.00	38.35 1.22 0.00	31.49 1.00 0.00	31.61 1.19 0.00	30.02 1.38 0.00	35.50 1.73 0.00	62.87 3.30 0.00	59.76 2.91 0.00	62.49 2.97 0.00	52.85 2.71 0.00	44.15 2.12 0.00	48.73 2.35 0.00	35.45 1.77 0.00	31.61 1.58 0.00	34.66 1.84 0.00	38.64 2.13 0.00	43.92 2.75 0.00	58.43 3.57 0.00	46.07 2.68 0.00	34.66 1.98 0.00	33.58 1.76 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	53.63 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.35 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.02 -2.40 0.00	25.17 -2.83 0.64	30.30 -3.33 0.13	53.12 -6.44 0.00	49.12 -6.33 1.39	53.62 -5.91 0.00	44.83 -5.30 0.00	38.04 -3.99 0.00	41.85 -4.54 0.00	30.30 -3.37 0.00	23.64 -3.22 3.17	23.44 -3.73 5.66	29.38 -3.64 3.49	35.39 -4.21 1.57	42.10 -5.65 7.11	33.45 -4.65 5.29	27.79 -3.44 1.45	24.40 -3.25 4.17
PACKARD___115KV_DUPONT_184 80571	53.63 -3.46 0.00	49.05 -3.07 0.00	48.88 -2.94 0.00	37.35 -2.45 0.00	34.71 -2.42 0.00	28.44 -2.05 0.00	28.02 -2.40 0.00	25.17 -2.83 0.64	30.30 -3.33 0.13	53.12 -6.44 0.00	49.12 -6.33 1.39	53.62 -5.91 0.00	44.83 -5.30 0.00	38.04 -3.99 0.00	41.85 -4.54 0.00	30.30 -3.37 0.00	23.64 -3.22 3.17	23.44 -3.73 5.66	29.38 -3.64 3.49	35.39 -4.21 1.57	42.10 -5.65 7.11	33.45 -4.65 5.29	27.79 -3.44 1.45	24.40 -3.25 4.17
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	58.55 1.46 0.00	53.55 1.43 0.00	52.94 1.12 0.00	40.70 0.89 0.00	38.04 0.91 0.00	31.23 0.73 -0.01	31.32 0.89 0.00	29.73 1.09 0.00	35.15 1.39 0.00	62.25 2.68 0.00	59.21 2.37 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.77 1.75 0.01	48.32 1.94 0.00	35.15 1.47 0.00	31.35 1.31 0.00	34.36 1.53 0.00	38.33 1.83 0.00	43.51 2.31 -0.02	57.84 2.97 -0.01	45.59 2.20 0.00	34.31 1.63 0.00	33.27 1.45 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	58.73 1.64 0.00	53.73 1.61 0.00	53.12 1.30 0.00	40.72 0.92 0.00	38.12 0.99 0.00	31.25 0.75 -0.01	31.41 0.98 0.00	29.82 1.18 0.00	35.17 1.41 0.00	62.33 2.77 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.77 1.75 0.01	48.35 1.97 0.00	35.15 1.47 0.00	31.35 1.31 0.00	34.36 1.54 0.00	38.34 1.83 0.00	43.52 2.32 -0.02	57.85 2.98 -0.01	45.62 2.24 0.00	34.32 1.63 0.00	33.28 1.46 0.00
PATROON___115KV_TB1 80586	57.60 0.50 0.00	52.59 0.47 0.00	52.19 0.37 0.00	40.11 0.31 0.00	37.47 0.34 0.00	30.83 0.35 0.00	30.87 0.45 0.00	29.20 0.56 0.00	34.33 0.58 0.00	61.00 1.43 0.00	58.94 2.09 0.00	61.54 2.02 0.00	51.93 1.80 0.00	43.55 1.51 0.00	48.09 1.71 0.00	34.94 1.26 0.00	31.15 1.11 0.00	33.87 1.04 0.00	37.40 0.88 0.00	42.19 1.02 0.00	56.22 1.36 0.00	44.43 1.05 0.00	33.52 0.84 0.00	32.58 0.76 0.00
PATTRSNVILLE___SOLAR 323815	58.73 1.63 0.00	53.58 1.46 0.00	53.22 1.40 0.00	40.89 1.09 0.00	38.17 1.04 0.00	31.34 0.85 0.00	31.31 0.89 0.00	29.52 0.88 0.00	34.81 1.05 0.00	61.39 1.83 0.00	58.43 1.59 0.00	61.08 1.55 0.00	51.44 1.30 0.00	43.07 1.04 0.00	47.61 1.23 0.00	34.61 0.93 0.00	30.91 0.87 0.00	33.85 1.03 0.00	37.69 1.18 0.00	42.55 1.38 0.00	56.71 1.85 0.00	44.80 1.42 0.00	33.69 1.01 0.00	32.76 0.94 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	54.85 -2.25 0.00	50.08 -2.04 0.00	49.80 -2.02 0.00	38.14 -1.67 0.00	35.46 -1.68 0.00	29.04 -1.45 0.00	28.65 -1.77 0.00	26.18 -2.02 0.44	31.28 -2.39 0.09	54.86 -4.70 0.00	50.70 -4.53 1.61	55.25 -4.27 0.00	46.22 -3.92 0.00	39.09 -2.95 0.00	43.03 -3.35 0.00	31.03 -2.65 0.00	25.31 -2.52 2.21	25.96 -2.82 4.04	31.48 -2.62 2.41	37.04 -3.04 1.09	45.98 -3.97 4.91	36.36 -3.37 3.65	29.06 -2.62 1.00	26.48 -2.47 2.88
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	58.94 1.85 0.00	53.89 1.78 0.00	53.27 1.45 0.00	40.93 1.13 0.00	38.22 1.10 0.00	31.41 0.92 0.00	31.51 1.09 0.00	29.90 1.27 0.00	35.34 1.58 0.00	62.56 2.99 0.00	59.52 2.68 0.00	62.21 2.69 0.00	52.59 2.46 0.00	44.00 1.97 0.00	48.57 2.18 0.00	35.30 1.62 0.00	31.51 1.48 0.00	34.54 1.72 0.00	38.51 2.00 0.00	43.65 2.48 0.00	58.12 3.27 0.00	45.79 2.40 0.00	34.44 1.76 0.00	33.39 1.57 0.00
PEEKSKILL____ 23653	58.25 1.15 0.00	53.26 1.14 0.00	52.59 0.77 0.00	40.38 0.58 0.00	37.73 0.60 0.00	30.99 0.50 0.00	31.09 0.66 0.00	29.50 0.86 0.00	34.84 1.08 0.00	61.65 2.08 0.00	58.61 1.77 0.00	61.24 1.72 0.00	51.80 1.67 0.00	43.31 1.27 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.01 0.97 0.00	33.99 1.17 0.00	37.91 1.40 0.00	43.02 1.84 0.00	57.32 2.46 0.00	45.16 1.77 0.00	33.98 1.29 0.00	32.95 1.13 0.00

PGE MADISON___WINDPWR 24146	59.45 2.36 0.00	54.10 1.98 0.00	53.21 1.39 0.00	40.70 0.89 0.00	37.86 0.73 0.00	31.01 0.52 0.00	31.00 0.58 0.00	29.02 0.22 -0.15	33.90 0.11 -0.03	59.70 0.13 0.00	59.20 -0.07 -2.43	59.05 -0.47 0.00	50.07 -0.06 0.00	42.57 0.54 0.00	46.81 0.43 0.00	33.66 -0.02 0.00	31.00 0.15 -0.82	34.65 0.05 -1.77	37.60 0.24 -0.84	41.77 0.22 -0.38	56.65 0.07 -1.72	44.38 -0.28 -1.28	32.59 -0.44 -0.35	32.33 -0.50 -1.01
PIERCEFIELD___HYD 23852	56.87 -0.23 0.00	51.76 -0.36 0.00	51.72 -0.10 0.00	39.67 -0.13 0.00	36.99 -0.14 0.00	30.30 -0.20 0.00	30.30 -0.13 0.00	28.54 -0.10 0.00	33.88 0.12 0.00	59.94 0.38 0.00	57.16 0.32 0.00	59.90 0.38 0.00	50.13 0.00 0.00	42.10 0.07 0.00	46.54 0.16 0.00	33.78 0.10 0.00	30.09 0.06 0.00	32.81 -0.02 0.00	36.41 -0.10 0.00	40.93 -0.24 0.00	54.43 -0.43 0.00	42.96 -0.43 0.00	32.32 -0.36 0.00	31.28 -0.54 0.00
PINELAWN_CC_1 323563	58.59 1.49 0.00	54.28 2.16 0.00	53.31 1.49 0.00	40.92 1.12 0.00	38.20 1.07 0.00	31.14 0.65 0.00	31.19 0.77 0.00	29.60 0.96 0.00	35.10 1.34 0.00	62.24 2.68 0.00	59.00 2.16 0.00	61.56 2.04 0.00	52.30 2.16 0.00	43.77 1.73 0.00	48.61 2.22 -0.01	35.15 1.47 0.00	31.29 1.25 0.00	34.29 1.67 0.20	38.31 1.94 0.14	45.66 2.44 -2.05	70.59 3.38 -12.35	53.40 2.53 -7.49	39.33 1.95 -4.69	33.56 1.74 0.00
PJM_GEN_HTP_PROXY 323702	58.73 1.63 0.00	53.71 1.60 0.00	53.00 1.18 0.00	40.74 0.94 0.00	38.07 0.93 0.00	31.26 0.77 0.00	33.36 0.96 -1.98	30.35 1.16 -0.55	35.22 1.46 0.00	62.33 2.77 0.00	59.23 2.39 0.00	61.91 2.39 0.00	52.39 2.26 0.00	43.74 1.71 0.00	48.30 1.91 0.00	35.12 1.45 0.00	31.32 1.29 0.00	34.33 1.51 0.00	38.27 1.76 0.00	43.49 2.32 0.00	57.86 3.00 0.00	45.62 2.23 0.00	34.34 1.66 0.00	33.29 1.47 0.00
PJM_GEN_KEystone 24065	56.16 -0.94 0.00	51.26 -0.86 0.00	50.65 -1.17 0.00	38.88 -0.92 0.00	36.23 -0.90 0.00	29.75 -0.74 0.00	33.18 -0.76 -3.51	28.87 -0.59 -0.82	33.12 -0.64 0.00	62.32 -1.28 -4.03	50.43 -1.51 4.91	27.05 -1.49 30.98	25.86 -1.29 22.99	39.53 -1.07 1.44	44.38 -1.22 0.79	32.75 -0.92 0.00	29.19 -0.82 0.02	31.85 -0.80 0.17	35.91 -0.60 0.00	40.68 -0.49 0.00	54.28 -0.58 0.00	42.68 -0.71 0.00	32.07 -0.61 0.00	31.17 -0.65 0.00
PJM_GEN_NEPTUNE_PROXY 323594	58.18 1.09 0.00	53.78 1.66 0.00	52.86 1.04 0.00	40.61 0.81 0.00	37.92 0.78 0.00	30.96 0.47 0.00	33.00 0.60 -1.98	29.99 0.79 -0.55	34.87 1.11 0.00	61.81 2.24 0.00	58.62 1.78 0.01	61.19 1.67 0.00	51.93 1.80 0.00	43.44 1.41 0.00	48.19 1.80 0.00	34.88 1.21 0.00	31.09 1.05 0.00	31.90 1.38 2.30	25.94 1.61 12.17	43.42 2.04 -0.21	47.89 2.80 9.77	48.03 2.06 -2.59	36.69 1.59 -2.42	33.25 1.43 0.00
PJM_GEN_VFT_PROXY 323633	58.39 1.30 0.00	53.39 1.28 0.00	52.65 0.83 0.00	40.49 0.69 0.00	37.86 0.73 0.00	31.08 0.59 0.00	33.19 0.79 -1.98	30.20 1.00 -0.55	35.05 1.29 0.00	62.02 2.45 0.00	58.90 2.05 0.00	61.56 2.04 0.00	52.10 1.96 0.00	43.50 1.47 0.00	48.02 1.64 0.00	34.95 1.27 0.00	31.16 1.13 0.00	34.16 1.34 0.00	38.11 1.60 0.00	43.32 2.15 0.00	57.65 2.79 0.00	45.40 2.01 0.00	34.17 1.49 0.00	33.12 1.30 0.00
PLATSBURG_115KV_PMLD1 355749	57.91 0.81 0.00	52.66 0.54 0.00	52.82 1.00 0.00	40.59 0.79 0.00	38.01 0.88 0.00	31.26 0.77 0.00	31.28 0.85 0.00	29.40 0.76 0.00	34.79 1.03 0.00	61.63 2.06 0.00	58.84 2.00 0.00	61.73 2.21 0.00	52.06 1.93 0.00	43.50 1.47 0.00	47.77 1.38 0.00	34.57 0.89 0.00	30.96 0.92 0.00	33.58 0.76 0.00	37.02 0.51 0.00	41.73 0.56 0.00	55.05 0.19 0.00	43.47 0.08 0.00	32.84 0.15 0.00	31.75 -0.07 0.00
PLEASANTVLY___LBMP 24000	58.27 1.17 0.00	53.30 1.18 0.00	52.73 0.91 0.00	40.50 0.70 0.00	37.83 0.70 0.00	31.08 0.59 0.00	31.16 0.74 0.00	29.56 0.92 0.00	34.89 1.12 0.00	61.66 2.10 0.00	58.68 1.83 0.00	61.32 1.80 0.00	51.87 1.73 0.00	43.39 1.35 0.00	47.90 1.52 0.00	34.82 1.14 0.00	31.07 1.04 0.00	34.03 1.21 0.00	37.89 1.38 0.00	42.93 1.75 0.00	57.19 2.33 0.00	45.12 1.73 0.00	33.99 1.30 0.00	32.99 1.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	58.58 1.49 0.00	53.61 1.49 0.00	52.95 1.13 0.00	40.70 0.89 0.00	38.00 0.87 0.00	31.22 0.73 0.00	31.32 0.90 0.00	29.72 1.08 0.00	35.11 1.35 0.00	62.11 2.54 0.00	59.07 2.22 0.00	61.71 2.19 0.00	52.21 2.08 0.00	43.64 1.61 0.00	48.18 1.80 0.00	35.03 1.35 0.00	31.25 1.22 0.00	34.25 1.43 0.00	38.16 1.65 0.00	43.29 2.11 0.00	57.68 2.82 0.00	45.49 2.10 0.00	34.23 1.55 0.00	33.20 1.39 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	58.58 1.49 0.00	53.61 1.49 0.00	52.95 1.13 0.00	40.70 0.89 0.00	38.00 0.87 0.00	31.22 0.73 0.00	31.32 0.90 0.00	29.72 1.08 0.00	35.11 1.35 0.00	62.11 2.54 0.00	59.07 2.22 0.00	61.71 2.19 0.00	52.21 2.08 0.00	43.64 1.61 0.00	48.18 1.80 0.00	35.03 1.35 0.00	31.25 1.22 0.00	34.25 1.43 0.00	38.16 1.65 0.00	43.29 2.11 0.00	57.68 2.82 0.00	45.49 2.10 0.00	34.23 1.55 0.00	33.20 1.39 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	58.70 1.61 0.00	53.69 1.57 0.00	53.09 1.27 0.00	40.80 0.99 0.00	38.10 0.97 0.00	31.32 0.83 0.00	31.40 0.98 0.00	29.79 1.16 0.00	35.19 1.43 0.00	62.22 2.65 0.00	59.23 2.38 0.00	61.90 2.37 0.00	52.32 2.19 0.00	43.77 1.74 0.00	48.32 1.94 0.00	35.13 1.45 0.00	31.37 1.34 0.00	34.36 1.54 0.00	38.30 1.79 0.00	43.38 2.21 0.00	57.77 2.91 0.00	45.52 2.13 0.00	34.26 1.58 0.00	33.24 1.42 0.00
POLETTI___ 23519	58.70 1.60 0.00	53.66 1.54 0.00	52.98 1.16 0.00	40.75 0.94 0.00	38.05 0.92 0.00	31.24 0.74 0.00	31.36 0.94 0.00	29.79 1.16 0.00	35.23 1.47 0.00	62.31 2.74 0.00	59.20 2.36 0.00	61.91 2.39 0.00	52.39 2.26 0.00	43.74 1.71 0.00	48.27 1.89 0.00	35.13 1.44 0.00	31.33 1.30 0.00	34.34 1.52 0.00	38.27 1.76 0.00	43.48 2.31 0.00	57.86 3.00 0.00	45.61 2.23 0.00	34.34 1.66 0.00	33.29 1.47 0.00
POMONA___ESR 323819	58.29 1.19 0.00	53.30 1.18 0.00	52.60 0.78 0.00	40.38 0.58 0.00	37.72 0.59 0.00	30.98 0.49 0.00	31.09 0.66 0.00	29.50 0.86 0.00	34.85 1.09 0.00	61.66 2.10 0.00	58.62 1.77 0.00	61.25 1.73 0.00	51.81 1.68 0.00	43.31 1.28 0.00	47.81 1.43 0.00	34.75 1.07 0.00	31.01 0.98 0.00	34.00 1.18 0.00	37.93 1.43 0.00	43.05 1.88 0.00	57.38 2.52 0.00	45.19 1.80 0.00	33.99 1.31 0.00	32.97 1.15 0.00
PORT_JEFF_3 23555	58.33 1.24 0.00	54.39 2.28 0.00	53.29 1.47 0.00	40.89 1.08 0.00	38.17 1.04 0.00	30.98 0.49 0.00	30.98 0.56 0.00	29.41 0.77 0.00	34.88 1.12 0.00	61.91 2.34 0.00	58.57 1.73 0.00	61.15 1.63 0.00	52.00 1.87 0.00	43.55 1.52 0.00	48.67 2.28 0.00	35.08 1.41 0.00	31.20 1.16 0.00	33.08 1.64 1.38	31.30 1.77 6.98	44.37 2.31 -0.89	57.19 3.20 0.86	50.27 2.49 -4.40	37.87 1.93 -3.25	33.58 1.76 0.00

PORT_JEFF_4 23616	58.33 1.24 0.00	54.39 2.28 0.00	53.29 1.47 0.00	40.89 1.08 0.00	38.17 1.04 0.00	30.98 0.49 0.00	30.98 0.56 0.00	29.41 0.77 0.00	34.88 1.12 0.00	61.91 2.34 0.00	58.57 1.73 0.00	61.15 1.63 0.00	52.00 1.87 0.00	43.55 1.52 0.00	48.67 2.28 0.00	35.08 1.41 0.00	31.20 1.16 0.00	33.08 1.64 1.38	31.30 1.77 6.98	44.37 2.31 -0.89	57.19 3.20 0.86	50.27 2.49 -4.40	37.87 1.93 -3.25	33.58 1.76 0.00
PORT_JEFF_IC 23713	58.31 1.22 0.00	54.41 2.29 0.00	53.28 1.46 0.00	40.88 1.08 0.00	38.16 1.03 0.00	30.96 0.47 0.00	30.97 0.55 0.00	29.41 0.77 0.00	34.87 1.11 0.00	61.91 2.34 0.00	58.56 1.72 0.00	61.14 1.62 0.00	52.00 1.87 0.00	43.55 1.52 0.00	48.69 2.30 0.00	35.09 1.41 0.00	31.20 1.17 0.00	33.14 1.65 1.34	31.54 1.77 6.74	44.42 2.31 -0.94	57.68 3.21 0.39	50.38 2.48 -4.51	37.92 1.93 -3.30	33.59 1.78 0.00
PPL PILGRIM_ST_GT1 24216	58.69 1.59 0.00	54.52 2.40 0.00	53.51 1.69 0.00	41.06 1.26 0.00	38.33 1.20 0.00	31.20 0.71 0.00	31.23 0.81 0.00	29.62 0.98 0.00	35.14 1.38 0.00	62.33 2.76 0.00	58.90 2.06 0.00	61.41 1.88 0.00	52.35 2.22 0.00	43.82 1.79 0.00	48.78 2.39 0.00	35.21 1.54 0.00	31.35 1.31 0.00	33.40 1.70 1.12	32.86 1.87 5.52	44.74 2.45 -1.13	60.23 3.50 -1.87	51.04 2.65 -5.01	38.26 2.05 -3.53	33.68 1.86 0.00
PPL PILGRIM_ST_GT2 24217	58.69 1.59 0.00	54.52 2.40 0.00	53.51 1.69 0.00	41.06 1.26 0.00	38.33 1.20 0.00	31.20 0.71 0.00	31.23 0.81 0.00	29.62 0.98 0.00	35.14 1.38 0.00	62.33 2.76 0.00	58.90 2.06 0.00	61.41 1.88 0.00	52.35 2.22 0.00	43.82 1.79 0.00	48.78 2.39 0.00	35.21 1.54 0.00	31.35 1.31 0.00	33.40 1.70 1.12	32.86 1.87 5.52	44.74 2.45 -1.13	60.23 3.50 -1.87	51.04 2.65 -5.01	38.26 2.05 -3.53	33.68 1.86 0.00
PPL_SHRM_GT3 24213	57.75 0.65 0.00	54.49 2.38 0.00	53.13 1.31 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.62 0.13 0.00	30.54 0.11 0.00	29.01 0.37 0.00	34.39 0.63 0.00	61.16 1.59 0.00	57.74 0.90 0.00	60.33 0.81 0.00	51.32 1.19 0.00	43.00 0.97 0.00	48.58 2.19 0.00	34.89 1.21 0.00	30.93 0.89 0.00	32.93 1.47 1.36	30.96 1.35 6.90	43.93 1.85 -0.91	56.76 2.61 0.71	50.01 2.19 -4.43	37.76 1.81 -3.27	33.54 1.72 0.00
PPL_SHRM_GT4 24214	57.75 0.65 0.00	54.49 2.38 0.00	53.13 1.31 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.62 0.13 0.00	30.54 0.11 0.00	29.01 0.37 0.00	34.39 0.63 0.00	61.16 1.59 0.00	57.74 0.90 0.00	60.33 0.81 0.00	51.32 1.19 0.00	43.00 0.97 0.00	48.58 2.19 0.00	34.89 1.21 0.00	30.93 0.89 0.00	32.93 1.47 1.36	30.96 1.35 6.90	43.93 1.85 -0.91	56.76 2.61 0.71	50.01 2.19 -4.43	37.76 1.81 -3.27	33.54 1.72 0.00
PROJECT___ORANGE 1 24174	56.61 -0.48 0.00	51.66 -0.46 0.00	51.28 -0.54 0.00	39.39 -0.41 0.00	36.73 -0.40 0.00	30.17 -0.32 0.00	30.06 -0.37 0.00	28.20 -0.44 0.00	33.12 -0.64 0.00	58.28 -1.29 0.00	55.54 -1.31 0.00	58.20 -1.32 0.00	48.96 -1.18 0.00	41.05 -0.98 0.00	45.29 -1.10 0.00	32.87 -0.80 0.00	29.36 -0.67 0.00	32.16 -0.66 0.00	35.88 -0.63 0.00	40.47 -0.71 0.00	53.92 -0.94 0.00	42.63 -0.76 0.00	32.07 -0.62 0.00	31.32 -0.50 0.00
PROJECT___ORANGE 2 24166	56.61 -0.48 0.00	51.66 -0.46 0.00	51.28 -0.54 0.00	39.39 -0.41 0.00	36.73 -0.40 0.00	30.17 -0.32 0.00	30.06 -0.37 0.00	28.20 -0.44 0.00	33.12 -0.64 0.00	58.28 -1.29 0.00	55.54 -1.31 0.00	58.20 -1.32 0.00	48.96 -1.18 0.00	41.05 -0.98 0.00	45.29 -1.10 0.00	32.87 -0.80 0.00	29.36 -0.67 0.00	32.16 -0.66 0.00	35.88 -0.63 0.00	40.47 -0.71 0.00	53.92 -0.94 0.00	42.63 -0.76 0.00	32.07 -0.62 0.00	31.32 -0.50 0.00
PUCKETT___SOLAR 323809	56.93 -0.16 0.00	51.76 -0.36 0.00	51.24 -0.58 0.00	39.30 -0.50 0.00	36.63 -0.50 0.00	30.08 -0.41 0.00	29.97 -0.45 0.00	28.25 -0.39 0.00	33.21 -0.55 0.00	58.34 -1.23 0.00	55.35 -1.49 0.00	57.77 -1.76 0.00	48.80 -1.33 0.00	41.17 -0.86 0.00	45.20 -1.18 0.00	32.81 -0.87 0.00	29.30 -0.74 0.00	32.14 -0.68 0.00	35.99 -0.52 0.00	40.75 -0.42 0.00	54.28 -0.58 0.00	42.75 -0.64 0.00	32.08 -0.60 0.00	31.24 -0.58 0.00
PYRITES___HYD 24023	58.39 1.30 0.00	53.16 1.04 0.00	53.09 1.27 0.00	40.70 0.90 0.00	37.95 0.82 0.00	31.10 0.61 0.00	31.10 0.68 0.00	29.29 0.64 0.00	34.80 1.04 0.00	61.60 2.03 0.00	58.68 1.83 0.00	61.46 1.94 0.00	51.28 1.15 0.00	43.08 1.05 0.00	47.72 1.34 0.00	34.64 0.96 0.00	30.89 0.86 0.00	33.75 0.92 0.00	37.51 1.00 0.00	42.18 1.00 0.00	56.09 1.23 0.00	44.27 0.89 0.00	33.31 0.63 0.00	32.22 0.40 0.00
QUAKERRD_115KV_BK1 80622	54.86 -2.24 0.00	50.08 -2.04 0.00	49.78 -2.04 0.00	38.14 -1.66 0.00	35.52 -1.61 0.00	29.15 -1.34 0.00	28.94 -1.48 0.00	27.02 -1.62 0.00	31.80 -1.96 0.00	55.79 -3.78 0.81	52.43 -3.60 0.00	56.04 -3.49 0.00	46.97 -3.17 0.00	39.56 -2.47 0.00	43.64 -2.74 0.00	31.59 -2.09 0.00	28.17 -1.84 0.02	30.66 -2.00 0.16	34.49 -2.01 0.00	38.82 -2.35 0.00	51.81 -3.04 0.00	40.86 -2.53 0.00	30.69 -2.00 0.00	29.97 -1.85 0.00
QUENSBRY_115KV_TB8 356137	60.45 3.35 0.00	54.91 2.79 0.00	54.56 2.74 0.00	41.83 2.03 0.00	39.05 1.92 0.00	32.14 1.65 0.00	32.17 1.75 0.00	30.47 1.83 0.00	35.99 2.23 0.00	63.20 3.63 0.00	60.25 3.41 0.00	62.96 3.44 0.00	53.24 3.10 0.00	44.72 2.69 0.00	49.37 2.98 0.00	35.73 2.06 0.00	31.98 1.94 0.00	35.12 2.29 0.00	38.97 2.46 0.00	43.88 2.71 0.00	58.50 3.64 0.00	46.28 2.89 0.00	34.57 1.88 0.00	33.53 1.71 0.00
RAMAPO___LBMP 323565	58.06 0.96 0.00	53.08 0.96 0.00	52.38 0.56 0.00	40.22 0.42 0.00	37.56 0.43 0.00	30.85 0.36 0.00	30.96 0.53 0.00	29.37 0.73 0.00	34.70 0.94 0.00	61.37 1.81 0.00	58.33 1.49 0.00	60.96 1.43 0.00	51.54 1.40 0.00	43.11 1.07 0.00	47.58 1.20 0.00	34.58 0.90 0.00	30.85 0.82 0.00	33.84 1.02 0.00	37.74 1.23 0.00	42.84 1.67 0.00	57.12 2.26 0.00	44.97 1.59 0.00	33.82 1.14 0.00	32.82 1.00 0.00
RANKINE____ 23646	54.79 -2.30 0.00	50.08 -2.04 0.00	49.84 -1.98 0.00	38.16 -1.64 0.00	35.47 -1.67 0.00	29.04 -1.45 0.00	28.61 -1.81 0.00	26.00 -2.14 0.50	31.13 -2.53 0.10	54.57 -5.00 1.54	50.51 -4.79 0.00	55.06 -4.47 0.00	46.05 -4.09 0.00	39.00 -3.04 0.00	42.90 -3.48 0.00	30.96 -2.72 0.00	25.00 -2.56 2.48	25.42 -2.90 4.50	31.06 -2.73 2.72	36.72 -3.23 1.22	45.15 -4.17 5.54	35.74 -3.53 4.12	28.80 -2.75 1.13	26.01 -2.56 3.24
RAVENSWOOD_GT2_1 24244	58.73 1.64 0.00	53.73 1.62 0.00	53.03 1.21 0.00	40.78 0.98 0.00	38.10 0.96 0.00	31.29 0.80 0.00	31.40 0.97 0.00	29.80 1.16 0.00	35.22 1.46 0.00	62.37 2.80 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.43 2.30 0.00	43.78 1.75 0.00	48.34 1.96 0.00	35.15 1.48 0.00	31.36 1.32 0.00	34.37 1.55 0.00	38.30 1.79 0.00	43.52 2.35 0.00	57.93 3.07 0.00	45.66 2.28 0.00	34.37 1.69 0.00	33.32 1.51 0.00

RAVENSWOOD_GT2_2 24245	58.73 1.64 0.00	53.73 1.62 0.00	53.03 1.21 0.00	40.78 0.98 0.00	38.10 0.96 0.00	31.29 0.80 0.00	31.40 0.97 0.00	29.80 1.16 0.00	35.22 1.46 0.00	62.37 2.80 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.43 2.30 0.00	43.78 1.75 0.00	48.34 1.96 0.00	35.15 1.48 0.00	31.36 1.32 0.00	34.37 1.55 0.00	38.30 1.79 0.00	43.52 2.35 0.00	57.93 3.07 0.00	45.66 2.28 0.00	34.37 1.69 0.00	33.32 1.51 0.00
RAVENSWOOD_GT2_3 24246	58.78 1.68 0.00	53.76 1.64 0.00	53.06 1.24 0.00	40.79 0.99 0.00	38.12 0.99 0.00	31.30 0.81 0.00	31.40 0.98 0.00	29.82 1.19 0.00	35.25 1.49 0.00	62.39 2.82 0.00	59.30 2.46 0.00	61.99 2.47 0.00	52.45 2.31 0.00	43.81 1.77 0.00	48.36 1.98 0.00	35.17 1.50 0.00	31.37 1.34 0.00	34.40 1.57 0.00	38.32 1.81 0.00	43.54 2.37 0.00	57.96 3.10 0.00	45.69 2.30 0.00	34.38 1.70 0.00	33.33 1.51 0.00
RAVENSWOOD_GT2_4 24247	58.78 1.68 0.00	53.76 1.64 0.00	53.06 1.24 0.00	40.79 0.99 0.00	38.12 0.99 0.00	31.30 0.81 0.00	31.40 0.98 0.00	29.82 1.19 0.00	35.25 1.49 0.00	62.39 2.82 0.00	59.30 2.46 0.00	61.99 2.47 0.00	52.45 2.31 0.00	43.81 1.77 0.00	48.36 1.98 0.00	35.17 1.50 0.00	31.37 1.34 0.00	34.40 1.57 0.00	38.32 1.81 0.00	43.54 2.37 0.00	57.96 3.10 0.00	45.69 2.30 0.00	34.38 1.70 0.00	33.33 1.51 0.00
RAVENSWOOD_GT3_1 24248	58.74 1.64 0.00	53.75 1.63 0.00	53.03 1.21 0.00	40.78 0.98 0.00	38.11 0.97 0.00	31.29 0.80 0.00	31.40 0.97 0.00	29.81 1.17 0.00	35.23 1.47 0.00	62.37 2.80 0.00	59.29 2.45 0.00	61.96 2.44 0.00	52.44 2.30 0.00	43.79 1.76 0.00	48.35 1.97 0.00	35.16 1.48 0.00	31.36 1.33 0.00	34.37 1.55 0.00	38.31 1.80 0.00	43.53 2.36 0.00	57.93 3.07 0.00	45.67 2.28 0.00	34.37 1.69 0.00	33.32 1.51 0.00
RAVENSWOOD_GT3_2 24249	58.74 1.64 0.00	53.75 1.63 0.00	53.03 1.21 0.00	40.78 0.98 0.00	38.11 0.97 0.00	31.29 0.80 0.00	31.40 0.97 0.00	29.81 1.17 0.00	35.23 1.47 0.00	62.37 2.80 0.00	59.29 2.45 0.00	61.96 2.44 0.00	52.44 2.30 0.00	43.79 1.76 0.00	48.35 1.97 0.00	35.16 1.48 0.00	31.36 1.33 0.00	34.37 1.55 0.00	38.31 1.80 0.00	43.53 2.36 0.00	57.93 3.07 0.00	45.67 2.28 0.00	34.37 1.69 0.00	33.32 1.51 0.00
RAVENSWOOD_GT3_3 24250	58.83 1.74 0.00	53.81 1.69 0.00	53.10 1.28 0.00	40.83 1.03 0.00	38.15 1.02 0.00	31.33 0.84 0.00	31.43 1.01 0.00	29.85 1.21 0.00	35.28 1.52 0.00	62.45 2.88 0.00	59.35 2.51 0.00	62.06 2.54 0.00	52.50 2.37 0.00	43.86 1.82 0.00	48.41 2.03 0.00	35.21 1.53 0.00	31.40 1.37 0.00	34.43 1.60 0.00	38.36 1.85 0.00	43.60 2.42 0.00	58.02 3.16 0.00	45.73 2.35 0.00	34.42 1.73 0.00	33.36 1.55 0.00
RAVENSWOOD_GT3_4 24251	58.83 1.74 0.00	53.81 1.69 0.00	53.10 1.28 0.00	40.83 1.03 0.00	38.15 1.02 0.00	31.33 0.84 0.00	31.43 1.01 0.00	29.85 1.21 0.00	35.28 1.52 0.00	62.45 2.88 0.00	59.35 2.51 0.00	62.06 2.54 0.00	52.50 2.37 0.00	43.86 1.82 0.00	48.41 2.03 0.00	35.21 1.53 0.00	31.40 1.37 0.00	34.43 1.60 0.00	38.36 1.85 0.00	43.60 2.42 0.00	58.02 3.16 0.00	45.73 2.35 0.00	34.42 1.73 0.00	33.36 1.55 0.00
RAVENSWOOD_GT_1 23729	58.95 1.86 0.00	53.92 1.80 0.00	53.24 1.42 0.00	42.26 1.17 -1.29	38.34 1.14 -0.07	38.09 0.93 -6.67	34.45 1.11 -2.92	33.38 1.30 -3.44	38.83 1.62 -3.46	65.41 3.08 -2.76	59.57 2.72 0.00	62.28 2.75 0.00	56.25 2.56 -3.55	46.66 1.98 -2.65	48.94 2.20 -0.36	41.22 1.66 -5.88	34.49 1.48 -2.97	36.77 1.71 -2.24	39.94 1.98 -1.45	53.13 2.54 -9.41	116.01 3.33 -57.83	55.16 2.48 -9.29	37.05 1.83 -2.53	36.07 1.64 -2.61
RAVENSWOOD_GT_10 24258	58.73 1.64 0.00	53.74 1.63 0.00	53.03 1.21 0.00	40.72 0.97 0.06	38.10 0.96 -0.01	31.75 0.80 -0.47	31.68 0.97 -0.29	30.12 1.16 -0.32	35.62 1.47 -0.40	62.68 2.79 -0.32	59.27 2.43 0.00	61.96 2.44 0.00	52.17 2.29 0.26	43.60 1.75 0.19	48.33 1.95 0.01	34.94 1.48 0.22	31.66 1.32 -0.31	34.63 1.55 -0.26	38.48 1.79 -0.17	42.90 2.35 0.62	53.35 3.07 4.58	45.38 2.27 0.28	34.66 1.69 -0.29	33.63 1.51 -0.30
RAVENSWOOD_GT_11 24259	58.73 1.64 0.00	53.74 1.63 0.00	53.03 1.21 0.00	40.72 0.97 0.06	38.10 0.96 -0.01	31.75 0.80 -0.47	31.68 0.97 -0.29	30.12 1.16 -0.32	35.62 1.47 -0.40	62.68 2.79 -0.32	59.27 2.43 0.00	61.96 2.44 0.00	52.17 2.29 0.26	43.60 1.75 0.19	48.33 1.95 0.01	34.94 1.48 0.22	31.66 1.32 -0.31	34.63 1.55 -0.26	38.48 1.79 -0.17	42.90 2.35 0.62	53.35 3.07 4.58	45.38 2.27 0.28	34.66 1.69 -0.29	33.63 1.51 -0.30
RAVENSWOOD_GT_4 24252	58.73 1.64 0.00	53.73 1.61 0.00	53.01 1.19 0.00	40.38 0.95 0.37	38.13 0.96 -0.05	34.36 0.78 -3.10	33.28 0.95 -1.91	31.94 1.16 -2.14	37.84 1.46 -2.63	64.43 2.76 -2.10	59.23 2.39 0.00	61.91 2.39 0.00	50.67 2.25 1.72	42.51 1.72 1.24	48.26 1.93 0.05	33.68 1.45 1.46	33.35 1.30 -2.02	36.05 1.52 -1.71	39.38 1.76 -1.11	39.37 2.32 4.12	27.65 3.02 30.23	43.79 2.26 1.85	36.28 1.67 -1.93	35.29 1.48 -1.98
RAVENSWOOD_GT_5 24254	58.73 1.64 0.00	53.73 1.61 0.00	53.01 1.19 0.00	40.38 0.95 0.37	38.13 0.96 -0.05	34.36 0.78 -3.10	33.28 0.95 -1.91	31.94 1.16 -2.14	37.84 1.46 -2.63	64.43 2.76 -2.10	59.23 2.39 0.00	61.91 2.39 0.00	50.67 2.25 1.72	42.51 1.72 1.24	48.26 1.93 0.05	33.68 1.45 1.46	33.35 1.30 -2.02	36.05 1.52 -1.71	39.38 1.76 -1.11	39.37 2.32 4.12	27.65 3.02 30.23	43.79 2.26 1.85	36.28 1.67 -1.93	35.29 1.48 -1.98
RAVENSWOOD_GT_6 24253	58.73 1.64 0.00	53.73 1.61 0.00	53.01 1.19 0.00	40.38 0.95 0.37	38.13 0.96 -0.05	34.36 0.78 -3.10	33.28 0.95 -1.91	31.94 1.16 -2.14	37.84 1.46 -2.63	64.43 2.76 -2.10	59.23 2.39 0.00	61.91 2.39 0.00	50.67 2.25 1.72	42.51 1.72 1.24	48.26 1.93 0.05	33.68 1.45 1.46	33.35 1.30 -2.02	36.05 1.52 -1.71	39.38 1.76 -1.11	39.37 2.32 4.12	27.65 3.02 30.23	43.79 2.26 1.85	36.28 1.67 -1.93	35.29 1.48 -1.98
RAVENSWOOD_GT_7 24255	58.73 1.64 0.00	53.73 1.61 0.00	53.01 1.19 0.00	40.38 0.95 0.37	38.13 0.96 -0.05	34.36 0.78 -3.10	33.28 0.95 -1.91	31.94 1.16 -2.14	37.84 1.46 -2.63	64.43 2.76 -2.10	59.23 2.39 0.00	61.91 2.39 0.00	50.67 2.25 1.72	42.51 1.72 1.24	48.26 1.93 0.05	33.68 1.45 1.46	33.35 1.30 -2.02	36.05 1.52 -1.71	39.38 1.76 -1.11	39.37 2.32 4.12	27.65 3.02 30.23	43.79 2.26 1.85	36.28 1.67 -1.93	35.29 1.48 -1.98
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.73 1.64 0.00	53.74 1.63 0.00	53.03 1.21 0.00	40.72 0.97 0.06	38.10 0.96 -0.01	31.75 0.80 -0.47	31.68 0.97 -0.29	30.12 1.16 -0.32	35.62 1.47 -0.40	62.68 2.79 -0.32	59.27 2.43 0.00	61.96 2.44 0.00	52.17 2.29 0.26	43.60 1.75 0.19	48.33 1.95 0.01	34.94 1.48 0.22	31.66 1.32 -0.31	34.63 1.55 -0.26	38.48 1.79 -0.17	42.90 2.35 0.62	53.35 3.07 4.58	45.38 2.27 0.28	34.66 1.69 -0.29	33.63 1.51 -0.30

RAVENSWOOD_GT_9 24257	58.73 1.64 0.00	53.74 1.63 0.00	53.03 1.21 0.00	40.72 0.97 0.06	38.10 0.96 -0.01	31.75 0.80 -0.47	31.68 0.97 -0.29	30.12 1.16 -0.32	35.62 1.47 -0.40	62.68 2.79 -0.32	59.27 2.43 0.00	61.96 2.44 0.00	52.17 2.29 0.26	43.60 1.75 0.19	48.33 1.95 0.01	34.94 1.48 0.22	31.66 1.32 -0.31	34.63 1.55 -0.26	38.48 1.79 -0.17	42.90 2.35 0.62	53.35 3.07 4.58	45.38 2.27 0.28	34.66 1.69 -0.29	33.63 1.51 -0.30
RAVENSWOOD___1 23533	58.84 1.74 0.00	53.81 1.69 0.00	53.14 1.32 0.00	41.39 1.11 -0.48	38.16 1.09 0.05	27.38 0.90 4.00	29.02 1.06 2.46	27.12 1.25 2.77	31.92 1.56 3.40	59.85 3.01 2.72	59.50 2.66 0.00	62.21 2.69 0.00	54.87 2.51 -2.22	45.57 1.94 -1.60	48.60 2.16 -0.06	37.19 1.63 -1.88	28.87 1.45 2.61	32.29 1.67 2.20	37.02 1.94 1.43	49.02 2.52 -5.33	97.20 3.25 -39.10	48.18 2.39 -2.40	31.96 1.77 2.49	30.82 1.57 2.57
RAVENSWOOD___2 23534	58.84 1.74 0.00	53.81 1.69 0.00	53.14 1.32 0.00	41.39 1.11 -0.48	38.16 1.09 0.05	27.38 0.90 4.00	29.02 1.06 2.46	27.12 1.25 2.77	31.92 1.56 3.40	59.85 3.01 2.72	59.50 2.66 0.00	62.21 2.69 0.00	54.87 2.51 -2.22	45.57 1.94 -1.60	48.60 2.16 -0.06	37.19 1.63 -1.88	28.87 1.45 2.61	32.29 1.67 2.20	37.02 1.94 1.43	49.02 2.52 -5.33	97.20 3.25 -39.10	48.18 2.39 -2.40	31.96 1.77 2.49	30.82 1.57 2.57
RAVENSWOOD___3 23535	58.76 1.66 0.00	53.75 1.63 0.00	53.04 1.22 0.00	40.78 0.98 0.00	38.11 0.97 0.00	31.29 0.77 0.00	31.40 0.97 0.00	29.81 1.17 0.00	35.23 1.47 0.00	62.37 2.80 0.00	59.28 2.44 0.00	61.96 2.44 0.00	52.44 2.30 0.00	43.78 1.75 0.00	48.35 1.97 0.00	35.17 1.49 0.00	31.36 1.33 0.00	34.37 1.55 0.00	38.31 1.80 0.00	43.53 2.35 0.00	57.93 3.07 0.00	45.67 2.28 0.00	34.38 1.69 0.00	33.32 1.51 0.00
RAVENSWOOD___4 23820	58.84 1.74 0.00	53.81 1.69 0.00	53.14 1.32 0.00	41.39 1.11 0.00	38.16 1.09 0.05	27.38 0.90 4.00	29.02 1.06 2.46	27.12 1.25 2.77	31.92 1.56 3.40	59.85 3.01 2.72	59.50 2.66 0.00	62.21 2.69 0.00	54.87 2.51 -2.22	45.57 1.94 -1.60	48.60 2.16 -0.06	37.19 1.63 -1.88	28.87 1.45 2.61	32.29 1.67 2.20	37.02 1.94 1.43	49.02 2.52 -5.33	97.20 3.25 -39.10	48.18 2.39 -2.40	31.96 1.77 2.49	30.82 1.57 2.57
RCPL_TRUST___DRP 24196	58.73 1.63 0.00	53.71 1.60 0.00	53.01 1.18 0.00	40.74 0.94 0.00	38.07 0.94 0.00	31.26 0.77 0.00	31.38 0.96 0.00	29.80 1.16 0.00	35.22 1.46 0.00	62.33 2.76 0.00	59.23 2.39 0.00	61.91 2.39 0.00	52.39 2.25 0.00	43.74 1.71 0.00	48.29 1.91 0.00	35.12 1.44 0.00	31.32 1.29 0.00	34.33 1.51 0.00	38.26 1.75 0.00	43.49 2.32 0.00	57.86 3.01 0.00	45.62 2.24 0.00	34.34 1.66 0.00	33.29 1.47 0.00
RED___ROCHESTER 323720	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.27 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.33 0.00	56.81 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.62 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.74 -1.26 0.03	31.26 -1.38 0.18	35.22 -1.29 0.00	39.63 -1.55 0.00	52.97 -1.89 0.00	41.71 -1.68 0.00	31.29 -1.40 0.00	30.56 -1.27 0.00
REGAN___SOLAR 323812	60.28 3.19 0.00	54.91 2.80 0.00	54.53 2.71 0.00	41.92 2.12 0.00	39.10 1.97 0.00	32.09 1.60 0.00	32.05 1.63 0.00	30.16 1.52 0.00	35.59 1.83 0.00	62.82 3.25 0.00	59.59 2.75 0.00	62.29 2.77 0.00	52.27 2.13 0.00	43.75 1.72 0.00	48.35 1.97 0.00	35.22 1.54 0.00	31.49 1.46 0.00	34.55 1.72 0.00	38.60 2.09 0.00	43.63 2.46 0.00	58.10 3.24 0.00	45.84 2.45 0.00	34.36 1.67 0.00	33.37 1.55 0.00
RENSSELAER___COGEN 23796	57.28 0.19 0.00	52.31 0.19 0.00	51.92 0.10 0.00	39.90 0.10 0.00	37.27 0.14 0.00	30.68 0.19 0.00	30.72 0.30 0.00	29.06 0.42 0.00	34.15 0.39 0.00	60.69 1.12 0.00	58.65 1.81 0.00	61.24 1.72 0.00	51.70 1.57 0.00	43.34 1.31 0.00	47.86 1.48 0.00	34.77 1.09 0.00	31.00 0.96 0.00	33.69 0.87 0.00	37.20 0.69 0.00	41.96 0.78 0.00	55.92 1.06 0.00	44.22 0.83 0.00	33.37 0.69 0.00	32.43 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	62.51 5.42 0.00	56.34 4.22 0.00	56.04 4.22 0.00	42.86 3.06 0.00	40.00 2.87 0.00	32.97 2.48 0.00	33.12 2.69 0.00	31.44 2.80 0.00	37.21 3.45 0.00	64.62 5.05 0.00	61.55 4.70 0.00	64.41 4.89 0.00	54.59 4.46 0.00	46.08 4.05 0.00	51.08 4.70 0.00	36.69 3.01 0.00	32.97 2.93 0.00	36.38 3.56 0.00	40.31 3.80 0.00	45.33 4.15 0.00	60.43 5.58 0.00	48.05 4.67 0.00	35.31 2.63 0.00	34.27 2.45 0.00
REVERE_CPPR_DRP 24186	58.77 1.67 0.00	53.42 1.31 0.00	53.13 1.31 0.00	40.82 1.02 0.00	38.06 0.93 0.00	31.23 0.74 0.00	31.20 0.78 0.00	29.42 0.78 0.00	34.69 0.93 0.00	61.03 1.46 0.00	58.20 1.36 0.00	60.83 1.31 0.00	51.13 0.99 0.00	42.91 0.87 0.00	47.30 0.92 0.00	34.42 0.74 0.00	30.77 0.74 0.00	33.72 0.90 0.00	37.60 1.09 0.00	42.36 1.19 0.00	56.46 1.60 0.00	44.40 1.02 0.00	33.27 0.59 0.00	32.31 0.49 0.00
REYNOLDS_115KV_TB3 80639	57.75 0.65 0.00	52.73 0.61 0.00	52.33 0.51 0.00	40.20 0.40 0.00	37.56 0.43 0.00	30.91 0.42 0.00	30.93 0.50 0.00	29.27 0.63 0.00	34.44 0.68 0.00	60.94 1.37 0.00	58.60 1.76 0.00	61.19 1.67 0.00	51.69 1.56 0.00	43.35 1.31 0.00	47.87 1.48 0.00	34.77 1.09 0.00	31.02 0.99 0.00	33.79 0.97 0.00	37.34 0.83 0.00	42.11 0.93 0.00	56.15 1.29 0.00	44.41 1.02 0.00	33.55 0.87 0.00	32.61 0.79 0.00
RIVERBAY____ 323610	58.73 1.64 0.00	53.73 1.61 0.00	53.12 1.30 0.00	40.72 0.92 0.00	38.12 0.99 0.00	31.25 0.75 -0.01	31.41 0.98 0.00	29.82 1.18 0.00	35.17 1.41 0.00	62.33 2.77 0.00	59.22 2.38 0.00	61.91 2.39 0.00	52.39 2.26 0.01	43.77 1.75 0.01	48.35 1.97 0.00	35.15 1.47 0.00	31.35 1.31 0.00	34.36 1.54 0.00	38.34 1.83 0.00	43.52 2.32 -0.02	57.85 2.98 -0.01	45.62 2.24 0.00	34.32 1.63 0.00	33.28 1.46 0.00
RIVERSDE_115KV_TB3 55908	57.56 0.46 0.00	52.55 0.43 0.00	52.14 0.32 0.00	40.07 0.27 0.00	37.45 0.31 0.00	30.81 0.32 0.00	30.84 0.42 0.00	29.18 0.54 0.00	34.32 0.56 0.00	60.87 1.30 0.00	58.71 1.87 0.00	61.32 1.80 0.00	51.78 1.65 0.00	43.42 1.39 0.00	47.94 1.56 0.00	34.82 1.14 0.00	31.06 1.03 0.00	33.78 0.96 0.00	37.31 0.80 0.00	42.08 0.91 0.00	56.09 1.23 0.00	44.35 0.97 0.00	33.48 0.80 0.00	32.54 0.73 0.00
ROARING___BROOK_WT_PWR 323790	57.04 -0.06 0.00	52.04 -0.08 0.00	51.83 0.01 0.00	39.81 0.01 0.00	37.08 -0.05 0.00	30.25 -0.24 0.00	30.20 -0.22 0.00	28.38 -0.26 0.00	33.44 -0.32 0.00	59.03 -0.53 0.00	56.48 -0.36 0.00	59.15 -0.37 0.00	49.77 -0.37 0.00	41.89 -0.14 0.00	46.20 -0.18 0.00	33.54 -0.14 0.00	29.79 -0.24 0.00	32.40 -0.43 0.00	36.03 -0.49 0.00	40.47 -0.70 0.00	53.79 -1.06 0.00	42.47 -0.92 0.00	31.93 -0.75 0.00	31.05 -0.77 0.00

ROCHESRG_115KV_T4 355643	55.53 -1.56 0.00	50.70 -1.41 0.00	50.42 -1.40 0.00	38.60 -1.20 0.00	35.93 -1.20 0.00	29.48 -1.01 0.00	29.23 -1.19 0.00	27.12 -1.38 0.14	32.06 -1.67 0.03	56.22 -3.34 0.00	52.78 -3.16 0.91	56.55 -2.98 0.00	47.36 -2.77 0.00	39.96 -2.08 0.00	44.05 -2.33 0.00	31.87 -1.81 0.00	27.71 -1.61 0.71	29.68 -1.78 1.36	34.03 -1.72 0.76	38.79 -2.04 0.34	50.74 -2.57 1.56	40.05 -2.18 1.16	30.64 -1.73 0.32	29.33 -1.58 0.91
ROCHESTER_9_IC 23652	55.83 -1.27 0.00	50.96 -1.15 0.00	50.67 -1.15 0.00	38.80 -1.01 0.00	36.11 -1.02 0.00	29.62 -0.87 0.00	29.38 -1.05 0.00	27.40 -1.25 0.00	32.26 -1.51 0.00	56.52 -3.05 0.00	53.06 -2.86 0.92	56.87 -2.65 0.00	47.62 -2.52 0.00	40.18 -1.85 0.00	44.31 -2.07 0.00	32.05 -1.63 0.00	28.56 -1.45 0.03	31.05 -1.59 0.18	35.01 -1.50 0.00	39.38 -1.79 0.00	52.62 -2.24 0.00	41.45 -1.93 0.00	31.12 -1.56 0.00	30.39 -1.43 0.00
ROCKVIEW_13_KV_LD 356306	58.84 1.74 0.00	53.83 1.71 0.00	53.14 1.32 0.00	40.83 1.03 0.00	38.14 1.01 0.00	31.32 0.83 0.00	31.43 1.01 0.00	29.84 1.20 0.00	35.27 1.51 0.00	62.39 2.83 0.00	59.32 2.48 0.00	62.01 2.49 0.00	52.47 2.33 0.00	43.83 1.80 0.00	48.41 2.02 0.00	35.18 1.50 0.00	31.38 1.35 0.00	34.40 1.58 0.00	38.34 1.83 0.00	43.53 2.36 0.00	57.99 3.13 0.00	45.71 2.33 0.00	34.40 1.72 0.00	33.34 1.52 0.00
ROME____115KV_TB2 80656	58.77 1.67 0.00	53.42 1.31 0.00	53.13 1.31 0.00	40.82 1.02 0.00	38.06 0.93 0.00	31.23 0.74 0.00	31.20 0.78 0.00	29.42 0.78 0.00	34.69 0.93 0.00	61.03 1.46 0.00	58.20 1.36 0.00	60.83 1.31 0.00	51.13 0.99 0.00	42.91 0.87 0.00	47.30 0.92 0.00	34.42 0.74 0.00	30.77 0.74 0.00	33.72 0.90 0.00	37.60 1.09 0.00	42.36 1.19 0.00	56.46 1.60 0.00	44.40 1.02 0.00	33.27 0.59 0.00	32.31 0.49 0.00
ROSETON___1 23587	58.18 1.09 0.00	53.21 1.10 0.00	52.62 0.81 0.00	40.42 0.62 0.00	37.75 0.62 0.00	31.03 0.53 0.00	31.09 0.67 0.00	29.48 0.84 0.00	34.81 1.05 0.00	61.52 1.95 0.00	58.55 1.71 0.00	61.19 1.67 0.00	51.73 1.59 0.00	43.28 1.25 0.00	47.78 1.40 0.00	34.73 1.05 0.00	30.99 0.96 0.00	33.95 1.12 0.00	37.81 1.30 0.00	42.85 1.68 0.00	57.08 2.22 0.00	45.03 1.64 0.00	33.90 1.22 0.00	32.90 1.08 0.00
ROSETON___2 23588	58.18 1.09 0.00	53.21 1.10 0.00	52.62 0.81 0.00	40.42 0.62 0.00	37.75 0.62 0.00	31.03 0.53 0.00	31.09 0.67 0.00	29.48 0.84 0.00	34.81 1.05 0.00	61.52 1.95 0.00	58.55 1.71 0.00	61.19 1.67 0.00	51.73 1.59 0.00	43.28 1.25 0.00	47.78 1.40 0.00	34.73 1.05 0.00	30.99 0.96 0.00	33.95 1.12 0.00	37.81 1.30 0.00	42.85 1.68 0.00	57.08 2.22 0.00	45.03 1.64 0.00	33.90 1.22 0.00	32.90 1.08 0.00
ROTRRDAM_115KV_TB3 80664	58.25 1.15 0.00	53.16 1.04 0.00	52.80 0.97 0.00	40.57 0.77 0.00	37.87 0.74 0.00	31.12 0.63 0.00	31.09 0.67 0.00	29.34 0.70 0.00	34.60 0.84 0.00	61.00 1.44 0.00	58.18 1.34 0.00	60.83 1.30 0.00	51.30 1.16 0.00	43.00 0.96 0.00	47.47 1.09 0.00	34.49 0.81 0.00	30.78 0.75 0.00	33.70 0.88 0.00	37.46 0.94 0.00	42.27 1.09 0.00	56.33 1.47 0.00	44.52 1.14 0.00	33.53 0.85 0.00	32.59 0.77 0.00
RUSSELL___1 23602	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.26 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.34 0.00	56.80 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.63 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.72 -1.28 0.03	31.23 -1.42 0.18	35.22 -1.29 0.00	39.62 -1.55 0.00	52.93 -1.93 0.00	41.69 -1.69 0.00	31.29 -1.39 0.00	30.54 -1.28 0.00
RUSSELL___2 23532	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.26 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.34 0.00	56.80 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.63 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.72 -1.28 0.03	31.23 -1.42 0.18	35.22 -1.29 0.00	39.62 -1.55 0.00	52.93 -1.93 0.00	41.69 -1.69 0.00	31.29 -1.39 0.00	30.54 -1.28 0.00
RUSSELL___3 23549	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.26 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.34 0.00	56.80 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.63 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.72 -1.28 0.03	31.23 -1.42 0.18	35.22 -1.29 0.00	39.62 -1.55 0.00	52.93 -1.93 0.00	41.69 -1.69 0.00	31.29 -1.39 0.00	30.54 -1.28 0.00
RUSSELL___4 23556	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.26 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.34 0.00	56.80 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.63 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.72 -1.28 0.03	31.23 -1.42 0.18	35.22 -1.29 0.00	39.62 -1.55 0.00	52.93 -1.93 0.00	41.69 -1.69 0.00	31.29 -1.39 0.00	30.54 -1.28 0.00
RUSSELL___STATION 23914	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.26 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.34 0.00	56.80 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.63 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.72 -1.28 0.03	31.23 -1.42 0.18	35.22 -1.29 0.00	39.62 -1.55 0.00	52.93 -1.93 0.00	41.69 -1.69 0.00	31.29 -1.39 0.00	30.54 -1.28 0.00
S SALMON___HYD 24043	56.58 -0.52 0.00	51.36 -0.76 0.00	51.14 -0.68 0.00	39.32 -0.49 0.00	36.68 -0.45 0.00	30.00 -0.49 0.00	29.94 -0.48 0.00	28.18 -0.46 0.00	33.14 -0.62 0.00	58.16 -1.40 0.00	55.43 -1.42 0.00	57.77 -1.76 0.00	48.37 -1.76 0.00	40.75 -1.28 0.00	44.95 -1.43 0.00	32.72 -0.96 0.00	29.27 -0.76 0.00	32.11 -0.71 0.00	35.75 -0.76 0.00	40.30 -0.87 0.00	53.71 -1.15 0.00	42.23 -1.16 0.00	31.64 -1.04 0.00	30.82 -1.00 0.00
S.PERRY__115KV_TB1 80734	56.68 -0.41 0.00	51.61 -0.51 0.00	51.16 -0.65 0.00	39.27 -0.53 0.00	36.65 -0.48 0.00	30.03 -0.46 0.00	29.68 -0.75 0.00	30.45 -1.01 -2.82	33.06 -1.26 -0.56	56.82 -2.75 -0.01	51.98 -2.50 2.36	57.33 -2.19 0.00	47.56 -2.58 0.00	39.67 -2.37 0.00	43.90 -2.48 0.00	31.48 -2.20 0.00	41.71 -2.03 -13.70	54.25 -1.84 -23.27	50.30 -1.57 -15.35	46.62 -1.47 -6.92	84.31 -1.81 -31.26	64.87 -1.76 -23.25	37.54 -1.53 -6.38	48.72 -1.42 -18.32
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.36 -2.74 0.00	49.71 -2.41 0.00	49.48 -2.34 0.00	37.86 -1.94 0.00	35.18 -1.95 0.00	28.80 -1.69 0.00	28.39 -2.04 0.00	25.68 -2.38 0.58	30.82 -2.82 0.12	54.04 -5.53 0.00	50.13 -5.26 1.45	54.59 -4.93 0.00	45.67 -4.47 0.00	38.70 -3.33 0.00	42.57 -3.81 0.00	30.73 -2.95 0.00	24.39 -2.76 2.89	24.50 -3.12 5.19	30.31 -3.02 3.18	36.17 -3.57 1.43	43.79 -4.59 6.48	34.73 -3.84 4.82	28.40 -2.96 1.32	25.27 -2.76 3.79

SAWYER___23_KV_LOAD 55526	54.36 -2.74 0.00	49.71 -2.41 0.00	49.48 -2.34 0.00	37.86 -1.94 0.00	35.18 -1.95 0.00	28.80 -1.69 0.00	28.39 -2.04 0.00	25.68 -2.38 0.58	30.82 -2.82 0.12	54.04 -5.53 0.00	50.13 -5.26 1.45	54.59 -4.93 0.00	45.67 -4.47 0.00	38.70 -3.33 0.00	42.57 -3.81 0.00	30.73 -2.95 0.00	24.39 -2.76 2.89	24.50 -3.12 5.19	30.31 -3.02 3.18	36.17 -3.57 1.43	43.79 -4.59 6.48	34.73 -3.84 4.82	28.40 -2.96 1.32	25.27 -2.76 3.79
SELKIRK___I 23801	57.83 0.74 0.00	52.82 0.70 0.00	52.45 0.63 0.00	40.33 0.52 0.00	37.67 0.54 0.00	30.98 0.49 0.00	30.97 0.54 0.00	29.25 0.61 0.00	34.40 0.64 0.00	60.89 1.33 0.00	58.51 1.67 0.00	61.12 1.60 0.00	51.59 1.45 0.00	43.22 1.19 0.00	47.73 1.35 0.00	34.72 1.04 0.00	30.97 0.93 0.00	33.74 0.91 0.00	37.37 0.85 0.00	42.14 0.97 0.00	56.15 1.29 0.00	44.40 1.01 0.00	33.50 0.82 0.00	32.58 0.76 0.00
SELKIRK___II 23799	57.51 0.42 0.00	52.53 0.41 0.00	52.14 0.32 0.00	40.09 0.29 0.00	37.44 0.31 0.00	30.79 0.30 0.00	30.81 0.38 0.00	29.11 0.47 0.00	34.26 0.50 0.00	60.68 1.12 0.00	58.36 1.51 0.00	60.98 1.46 0.00	51.48 1.34 0.00	43.13 1.10 0.00	47.62 1.24 0.00	34.61 0.93 0.00	30.86 0.83 0.00	33.63 0.80 0.00	37.23 0.71 0.00	42.00 0.83 0.00	55.97 1.11 0.00	44.25 0.86 0.00	33.39 0.70 0.00	32.46 0.64 0.00
SENECA OSWGO___HYD 24041	56.11 -0.99 0.00	51.19 -0.92 0.00	50.85 -0.97 0.00	39.05 -0.76 0.00	36.42 -0.71 0.00	29.90 -0.59 0.00	29.80 -0.62 0.00	27.96 -0.67 0.00	32.82 -0.94 0.00	57.75 -1.81 0.00	55.05 -1.79 0.00	57.68 -1.84 0.00	48.45 -1.68 0.00	40.63 -1.40 0.00	44.79 -1.59 0.00	32.56 -1.12 0.00	29.12 -0.92 0.00	31.89 -0.93 0.00	35.55 -0.96 0.00	40.09 -1.09 0.00	53.41 -1.45 0.00	42.24 -1.14 0.00	31.79 -0.90 0.00	31.06 -0.76 0.00
SENECA___115KV_TB3 355854	54.88 -2.22 0.00	50.15 -1.97 0.00	49.92 -1.90 0.00	38.22 -1.58 0.00	35.53 -1.60 0.00	29.08 -1.41 0.00	28.65 -1.77 0.00	26.05 -2.09 0.50	31.18 -2.48 0.10	54.66 -4.91 0.00	50.60 -4.70 1.54	55.15 -4.38 0.00	46.12 -4.02 0.00	39.06 -2.97 0.00	42.97 -3.42 0.00	31.00 -2.67 0.00	25.04 -2.51 2.48	25.48 -2.84 4.50	31.11 -2.68 2.72	36.78 -3.17 1.22	45.24 -4.09 5.54	35.81 -3.46 4.12	28.85 -2.70 1.13	26.05 -2.53 3.24
SENECA___ENERGY 23797	56.24 -0.86 0.00	51.24 -0.87 0.00	50.85 -0.96 0.00	39.11 -0.70 0.00	36.47 -0.66 0.00	29.95 -0.54 0.00	29.79 -0.64 0.00	28.12 -0.71 -0.19	32.79 -1.01 -0.04	57.54 -2.02 0.00	54.49 -2.04 0.31	57.57 -1.95 0.00	48.41 -1.73 0.00	40.59 -1.44 0.00	44.72 -1.66 0.00	32.38 -1.30 0.00	29.85 -1.11 -0.92	33.31 -1.05 -1.54	36.54 -1.01 -1.04	40.53 -1.11 -0.47	55.46 -1.52 -2.11	43.65 -1.31 -1.57	32.02 -1.10 -0.43	32.10 -0.96 -1.24
SHOEMAKER___GT 23640	57.97 0.88 0.00	52.98 0.85 0.00	52.41 0.59 0.00	40.26 0.46 0.00	37.59 0.47 0.00	30.88 0.39 0.00	30.94 0.51 0.00	29.32 0.68 0.00	34.60 0.84 0.00	61.16 1.59 0.00	58.19 1.34 0.00	60.82 1.29 0.00	51.38 1.25 0.00	43.00 0.96 0.00	47.46 1.08 0.00	34.49 0.81 0.00	30.78 0.74 0.00	33.73 0.91 0.00	37.61 1.10 0.00	42.61 1.44 0.00	56.77 1.92 0.00	44.78 1.39 0.00	33.68 1.00 0.00	32.70 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	57.95 0.85 0.00	52.96 0.84 0.00	52.38 0.55 0.00	40.24 0.43 0.00	37.57 0.44 0.00	30.87 0.38 0.00	30.93 0.50 0.00	29.30 0.66 0.00	34.59 0.83 0.00	61.14 1.57 0.00	58.16 1.32 0.00	60.80 1.28 0.00	51.37 1.24 0.00	42.99 0.96 0.00	47.45 1.07 0.00	34.48 0.80 0.00	30.77 0.74 0.00	33.73 0.91 0.00	37.60 1.09 0.00	42.59 1.42 0.00	56.77 1.91 0.00	44.76 1.38 0.00	33.67 0.99 0.00	32.69 0.87 0.00
SHOREHAM_IC_1 23715	57.75 0.65 0.00	54.49 2.38 0.00	53.13 1.31 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.62 0.13 0.00	30.54 0.11 0.00	29.01 0.37 0.00	34.39 0.63 0.00	61.16 1.59 0.00	57.74 0.90 0.00	60.33 0.81 0.00	51.32 1.19 0.00	43.00 0.97 0.00	48.58 2.19 0.00	34.89 1.21 0.00	30.93 0.89 0.00	32.93 1.47 1.36	30.96 1.35 6.90	43.93 1.85 -0.91	56.76 2.61 0.71	50.01 2.19 -4.43	37.76 1.81 -3.27	33.54 1.72 0.00
SHOREHAM_IC_2 23716	57.75 0.65 0.00	54.49 2.38 0.00	53.13 1.31 0.00	40.74 0.93 0.00	38.02 0.89 0.00	30.62 0.13 0.00	30.54 0.11 0.00	29.01 0.37 0.00	34.39 0.63 0.00	61.16 1.59 0.00	57.74 0.90 0.00	60.33 0.81 0.00	51.32 1.19 0.00	43.00 0.97 0.00	48.58 2.19 0.00	34.89 1.21 0.00	30.93 0.89 0.00	32.93 1.47 1.36	30.96 1.35 6.90	43.93 1.85 -0.91	56.76 2.61 0.71	50.01 2.19 -4.43	37.76 1.81 -3.27	33.54 1.72 0.00
SISSONVILLE____ 23735	56.87 -0.23 0.00	51.76 -0.36 0.00	51.72 -0.10 0.00	39.67 -0.13 0.00	36.99 -0.14 0.00	30.30 -0.20 0.00	30.30 -0.13 0.00	28.54 -0.10 0.00	33.88 0.12 0.00	59.94 0.38 0.00	57.16 0.32 0.00	59.90 0.38 0.00	50.13 0.00 0.00	42.10 0.07 0.00	46.54 0.16 0.00	33.78 0.10 0.00	30.09 0.06 0.00	32.81 -0.02 0.00	36.41 -0.10 0.00	40.93 -0.24 0.00	54.43 -0.43 0.00	42.96 -0.43 0.00	32.32 -0.36 0.00	31.28 -0.54 0.00
SITHE_IND_GS1 24169	55.67 -1.42 0.00	50.81 -1.31 0.00	50.48 -1.34 0.00	38.77 -1.03 0.00	36.16 -0.97 0.00	29.69 -0.80 0.00	29.58 -0.85 0.00	27.72 -0.92 0.00	32.55 -1.22 0.00	57.28 -2.29 0.00	54.63 -2.21 0.00	57.24 -2.29 0.00	48.13 -2.01 0.00	40.32 -1.72 0.00	44.48 -1.90 0.00	32.30 -1.38 0.00	28.84 -1.19 0.00	31.56 -1.26 0.00	35.16 -1.35 0.00	39.63 -1.55 0.00	52.80 -2.06 0.00	41.84 -1.55 0.00	31.52 -1.16 0.00	30.85 -0.97 0.00
SITHE_IND_GS2 24170	55.67 -1.42 0.00	50.81 -1.31 0.00	50.48 -1.34 0.00	38.77 -1.03 0.00	36.16 -0.97 0.00	29.69 -0.80 0.00	29.58 -0.85 0.00	27.72 -0.92 0.00	32.55 -1.22 0.00	57.28 -2.29 0.00	54.63 -2.21 0.00	57.24 -2.29 0.00	48.13 -2.01 0.00	40.32 -1.72 0.00	44.48 -1.90 0.00	32.30 -1.38 0.00	28.84 -1.19 0.00	31.56 -1.26 0.00	35.16 -1.35 0.00	39.63 -1.55 0.00	52.80 -2.06 0.00	41.84 -1.55 0.00	31.52 -1.16 0.00	30.85 -0.97 0.00
SITHE_IND_GS3 24171	55.67 -1.42 0.00	50.81 -1.31 0.00	50.48 -1.34 0.00	38.77 -1.03 0.00	36.16 -0.97 0.00	29.69 -0.80 0.00	29.58 -0.85 0.00	27.72 -0.92 0.00	32.55 -1.22 0.00	57.28 -2.29 0.00	54.63 -2.21 0.00	57.24 -2.29 0.00	48.13 -2.01 0.00	40.32 -1.72 0.00	44.48 -1.90 0.00	32.30 -1.38 0.00	28.84 -1.19 0.00	31.56 -1.26 0.00	35.16 -1.35 0.00	39.63 -1.55 0.00	52.80 -2.06 0.00	41.84 -1.55 0.00	31.52 -1.16 0.00	30.85 -0.97 0.00
SITHE_IND_GS4 24172	55.67 -1.42 0.00	50.81 -1.31 0.00	50.48 -1.34 0.00	38.77 -1.03 0.00	36.16 -0.97 0.00	29.69 -0.80 0.00	29.58 -0.85 0.00	27.72 -0.92 0.00	32.55 -1.22 0.00	57.28 -2.29 0.00	54.63 -2.21 0.00	57.24 -2.29 0.00	48.13 -2.01 0.00	40.32 -1.72 0.00	44.48 -1.90 0.00	32.30 -1.38 0.00	28.84 -1.19 0.00	31.56 -1.26 0.00	35.16 -1.35 0.00	39.63 -1.55 0.00	52.80 -2.06 0.00	41.84 -1.55 0.00	31.52 -1.16 0.00	30.85 -0.97 0.00

SITHE___BATAVIA 24024	55.98 -1.11 0.00	51.20 -0.92 0.00	50.91 -0.90 0.00	38.93 -0.88 0.00	36.18 -0.95 0.00	29.70 -0.79 0.00	29.36 -1.06 0.00	26.74 -1.43 0.46	31.93 -1.74 0.09	55.92 -3.65 0.00	52.29 -3.35 1.19	56.49 -3.04 0.00	47.06 -3.08 0.00	39.75 -2.28 0.00	44.00 -2.38 0.00	31.73 -1.95 0.00	26.01 -1.74 2.29	26.79 -1.91 4.12	32.23 -1.76 2.52	37.92 -2.12 1.13	47.10 -2.63 5.13	37.20 -2.38 3.81	29.71 -1.92 1.05	27.02 -1.80 3.00
SITHE___INDEPEND 23800	55.67 -1.42 0.00	50.80 -1.32 0.00	50.48 -1.34 0.00	38.77 -1.03 0.00	36.16 -0.97 0.00	29.69 -0.80 0.00	29.58 -0.85 0.00	27.72 -0.92 0.00	32.54 -1.22 0.00	57.28 -2.29 0.00	54.63 -2.21 0.00	57.24 -2.28 0.00	48.13 -2.01 0.00	40.32 -1.71 0.00	44.48 -1.90 0.00	32.30 -1.38 0.00	28.84 -1.19 0.00	31.56 -1.27 0.00	35.16 -1.35 0.00	39.62 -1.55 0.00	52.80 -2.06 0.00	41.84 -1.55 0.00	31.53 -1.16 0.00	30.85 -0.98 0.00
SITHE___MASSENA 23902	57.86 0.77 0.00	52.79 0.67 0.00	52.66 0.84 0.00	40.38 0.58 0.00	37.63 0.50 0.00	30.87 0.38 0.00	30.82 0.39 0.00	28.99 0.35 0.00	34.37 0.61 0.00	60.82 1.25 0.00	58.04 1.20 0.00	60.92 1.39 0.00	51.16 1.02 0.00	42.95 0.91 0.00	47.43 1.04 0.00	34.41 0.73 0.00	30.61 0.57 0.00	33.35 0.52 0.00	37.02 0.51 0.00	41.64 0.47 0.00	55.41 0.55 0.00	43.86 0.48 0.00	33.06 0.38 0.00	32.07 0.25 0.00
SITHE___OGDNSBRG 24021	58.62 1.53 0.00	53.41 1.29 0.00	53.30 1.48 0.00	40.86 1.06 0.00	38.08 0.95 0.00	31.23 0.74 0.00	31.20 0.78 0.00	29.38 0.74 0.00	34.90 1.14 0.00	61.78 2.22 0.00	58.88 2.04 0.00	61.71 2.19 0.00	51.53 1.40 0.00	43.29 1.26 0.00	47.91 1.52 0.00	34.78 1.10 0.00	31.00 0.97 0.00	33.85 1.03 0.00	37.64 1.13 0.00	42.33 1.16 0.00	56.31 1.45 0.00	44.48 1.10 0.00	33.49 0.80 0.00	32.42 0.60 0.00
SITHE___STERLING 23777	58.19 1.09 0.00	52.98 0.86 0.00	52.63 0.81 0.00	40.44 0.64 0.00	37.72 0.59 0.00	30.98 0.49 0.00	30.93 0.51 0.00	29.14 0.50 0.00	34.32 0.56 0.00	60.39 0.83 0.00	57.58 0.74 0.00	60.21 0.69 0.00	50.72 0.58 0.00	42.54 0.51 0.00	46.87 0.48 0.00	34.09 0.41 0.00	30.47 0.43 0.00	33.36 0.54 0.00	37.18 0.67 0.00	41.92 0.74 0.00	55.86 1.00 0.00	44.01 0.62 0.00	33.02 0.34 0.00	32.11 0.29 0.00
SLEIGHT__34_KV_TB1 80719	56.01 -1.09 0.00	51.12 -1.00 0.00	50.77 -1.05 0.00	38.92 -0.88 0.00	36.26 -0.87 0.00	29.76 -0.72 0.00	29.60 -0.82 0.00	27.62 -1.02 0.00	32.50 -1.27 0.00	57.06 -2.51 0.00	53.95 -2.41 0.48	57.27 -2.26 0.00	48.02 -2.12 0.00	40.35 -1.69 0.00	44.53 -1.86 0.00	32.23 -1.45 0.00	28.78 -1.24 0.01	31.47 -1.26 0.09	35.32 -1.19 0.00	39.74 -1.43 0.00	53.04 -1.82 0.00	41.80 -1.59 0.00	31.35 -1.33 0.00	30.63 -1.19 0.00
SOUTH CAIRO___GT 23612	59.51 2.42 0.00	54.25 2.13 0.00	53.88 2.06 0.00	41.40 1.59 0.00	38.67 1.54 0.00	31.87 1.38 0.00	31.90 1.48 0.00	30.20 1.56 0.00	35.64 1.88 0.00	63.20 3.63 0.00	60.95 4.10 0.00	63.58 4.06 0.00	53.55 3.41 0.00	44.86 2.82 0.00	49.44 3.05 0.00	36.03 2.35 0.00	32.20 2.17 0.00	35.04 2.21 0.00	38.86 2.36 0.00	43.84 2.67 0.00	58.28 3.42 0.00	45.95 2.57 0.00	34.58 1.89 0.00	33.53 1.70 0.00
SOUTH HAMPTN___IC 23720	58.25 1.15 0.00	54.75 2.63 0.00	53.53 1.71 0.00	40.96 1.16 0.00	38.28 1.15 0.00	30.83 0.34 0.00	30.82 0.40 0.00	29.26 0.62 0.00	34.69 0.93 0.00	61.69 2.13 0.00	58.34 1.50 0.00	61.13 1.61 0.00	52.03 1.90 0.00	43.51 1.48 0.00	49.08 2.69 0.00	35.26 1.58 0.00	31.34 1.31 0.00	33.42 1.98 1.38	31.55 2.04 7.00	44.73 2.67 -0.89	57.68 3.73 0.91	50.78 3.01 -4.39	38.27 2.34 -3.25	33.91 2.09 0.00
SOUTHDOW_115KV_TB1 355954	55.77 -1.32 0.00	51.28 -0.83 0.00	50.84 -0.98 0.00	38.95 -0.85 0.00	36.24 -0.89 0.00	29.43 -1.06 0.00	28.82 -1.61 0.00	27.05 -1.59 0.00	31.95 -1.81 0.00	55.80 -3.77 0.00	50.53 -4.42 1.89	55.31 -4.21 0.00	46.40 -3.73 0.00	39.09 -2.94 0.00	42.93 -3.45 0.00	31.10 -2.57 0.00	27.58 -2.41 0.05	29.93 -2.53 0.37	34.37 -2.14 0.00	38.64 -2.53 0.00	51.48 -3.38 0.00	40.22 -3.16 0.00	30.07 -2.62 0.00	29.21 -2.61 0.00
SOUTHOLD_69_KV_BK 2 55809	58.37 1.27 0.00	54.78 2.66 0.00	53.68 1.86 0.00	40.96 1.15 0.00	38.31 1.18 0.00	30.80 0.31 0.00	30.85 0.43 0.00	29.30 0.66 0.00	34.74 0.98 0.00	61.83 2.26 0.00	58.49 1.65 0.00	61.51 1.99 0.00	52.43 2.30 0.00	43.76 1.73 0.00	49.42 3.03 0.00	35.48 1.79 0.00	31.62 1.59 0.00	33.81 2.36 1.38	32.04 2.53 7.00	45.33 3.27 -0.89	58.53 4.57 0.90	51.40 3.62 -4.39	38.68 2.75 -3.25	34.16 2.34 0.00
SOUTHOLD___IC 23719	58.37 1.27 0.00	54.78 2.66 0.00	53.68 1.86 0.00	40.96 1.15 0.00	38.31 1.18 0.00	30.80 0.31 0.00	30.85 0.43 0.00	29.29 0.65 0.00	34.74 0.98 0.00	61.83 2.26 0.00	58.50 1.66 0.00	61.51 1.99 0.00	52.43 2.30 0.00	43.75 1.72 0.00	49.42 3.03 0.00	35.47 1.79 0.00	31.61 1.58 0.00	33.80 2.36 1.38	32.04 2.53 7.00	45.34 3.27 -0.89	58.53 4.57 0.90	51.39 3.62 -4.39	38.68 2.75 -3.25	34.14 2.33 0.00
SOUTH_FORK_WT_PWR 323839	58.03 0.93 0.00	54.43 2.31 0.00	53.44 1.62 0.00	40.67 0.86 0.00	38.08 0.95 0.00	30.54 0.05 0.00	30.65 0.23 0.00	29.06 0.42 0.00	34.45 0.69 0.00	61.34 1.78 0.00	58.10 1.26 0.00	61.25 1.73 0.00	52.28 2.15 0.00	43.56 1.53 0.00	49.29 2.91 0.00	35.35 1.67 0.00	31.56 1.53 0.00	33.81 2.36 1.38	32.09 2.58 7.00	45.43 3.36 -0.89	58.69 4.73 0.90	51.53 3.75 -4.39	38.76 2.83 -3.25	34.12 2.30 0.00
SPIERFLS_115KV_TB 1 80737	60.14 3.04 0.00	54.67 2.56 0.00	54.31 2.50 0.00	41.67 1.86 0.00	38.90 1.77 0.00	31.99 1.51 0.00	32.01 1.59 0.00	30.31 1.67 0.00	35.79 2.03 0.00	62.93 3.36 0.00	60.01 3.17 0.00	62.72 3.19 0.00	53.00 2.87 0.00	44.49 2.46 0.00	49.12 2.73 0.00	35.59 1.91 0.00	31.83 1.79 0.00	34.93 2.11 0.00	38.77 2.26 0.00	43.67 2.50 0.00	58.23 3.37 0.00	46.02 2.64 0.00	34.44 1.76 0.00	33.42 1.60 0.00
ST LAWRENCE____ 23600	57.37 0.27 0.00	52.35 0.23 0.00	52.22 0.40 0.00	40.06 0.26 0.00	37.34 0.20 0.00	30.63 0.14 0.00	30.57 0.15 0.00	28.74 0.10 0.00	34.06 0.30 0.00	60.24 0.68 0.00	57.52 0.68 0.00	60.37 0.84 0.00	50.76 0.62 0.00	42.60 0.57 0.00	47.02 0.63 0.00	34.11 0.43 0.00	30.34 0.31 0.00	33.05 0.23 0.00	36.69 0.18 0.00	41.29 0.12 0.00	54.95 0.09 0.00	43.53 0.14 0.00	32.81 0.13 0.00	31.85 0.03 0.00
STATE_CA_115KV_115_LB 55624	57.60 0.50 0.00	52.60 0.48 0.00	52.19 0.37 0.00	40.11 0.31 0.00	37.47 0.34 0.00	30.83 0.35 0.00	30.87 0.45 0.00	29.20 0.56 0.00	34.34 0.58 0.00	61.00 1.43 0.00	58.94 2.09 0.00	61.54 2.02 0.00	51.93 1.80 0.00	43.55 1.51 0.00	48.09 1.71 0.00	34.94 1.26 0.00	31.15 1.12 0.00	33.87 1.04 0.00	37.40 0.89 0.00	42.19 1.02 0.00	56.22 1.36 0.00	44.43 1.05 0.00	33.53 0.85 0.00	32.59 0.76 0.00

STATE_ST_34_KV_LOAD 55959	57.18 0.08 0.00	52.09 -0.03 0.00	51.75 -0.07 0.00	39.76 -0.05 0.00	37.08 -0.05 0.00	30.46 -0.03 0.00	30.35 -0.08 0.00	28.41 -0.22 0.00	33.28 -0.48 0.00	58.50 -1.07 0.00	56.44 -0.98 -0.58	58.58 -0.95 0.00	49.26 -0.87 0.00	41.30 -0.73 0.00	45.52 -0.86 0.00	33.00 -0.68 0.00	29.51 -0.54 -0.02	32.53 -0.40 -0.11	36.12 -0.39 0.00	40.72 -0.45 0.00	54.38 -0.48 0.00	42.95 -0.44 0.00	32.18 -0.51 0.00	31.50 -0.32 0.00
STATION 5_MISC_HYD 23604	55.83 -1.27 0.00	50.96 -1.16 0.00	50.67 -1.15 0.00	38.80 -1.01 0.00	36.11 -1.02 0.00	29.62 -0.87 0.00	29.38 -1.04 0.00	27.40 -1.24 0.00	32.27 -1.49 0.00	56.53 -3.04 0.00	53.06 -2.86 0.92	56.87 -2.65 0.00	47.62 -2.52 0.00	40.19 -1.84 0.00	44.32 -2.07 0.00	32.05 -1.63 0.00	28.58 -1.43 0.03	31.08 -1.57 0.18	35.00 -1.51 0.00	39.39 -1.79 0.00	52.65 -2.21 0.00	41.46 -1.92 0.00	31.12 -1.56 0.00	30.41 -1.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.61 -0.48 0.00	51.65 -0.47 0.00	51.26 -0.56 0.00	39.35 -0.45 0.00	36.66 -0.47 0.00	30.11 -0.38 0.00	29.93 -0.49 0.00	28.02 -0.62 0.00	32.94 -0.82 0.00	57.80 -1.76 0.00	54.40 -1.73 0.72	57.91 -1.62 0.00	48.62 -1.52 0.00	40.85 -1.18 0.00	45.02 -1.36 0.00	32.57 -1.11 0.00	29.03 -0.99 0.02	31.77 -0.91 0.14	35.75 -0.76 0.00	40.27 -0.91 0.00	53.64 -1.21 0.00	42.28 -1.11 0.00	31.73 -0.96 0.00	30.97 -0.85 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.61 -1.49 0.00	50.76 -1.36 0.00	50.46 -1.36 0.00	38.65 -1.16 0.00	35.98 -1.16 0.00	29.51 -0.98 0.00	29.29 -1.14 0.00	27.33 -1.31 0.00	32.17 -1.59 0.00	56.40 -3.17 0.00	52.95 -2.99 0.90	56.71 -2.81 0.00	47.51 -2.63 0.00	40.06 -1.97 0.00	44.19 -2.20 0.00	31.96 -1.72 0.00	28.49 -1.52 0.02	30.99 -1.66 0.17	34.91 -1.60 0.00	39.28 -1.90 0.00	52.46 -2.40 0.00	41.33 -2.05 0.00	31.03 -1.66 0.00	30.30 -1.52 0.00
STA_56___34_KV_BUS2 355983	55.61 -1.49 0.00	50.76 -1.36 0.00	50.46 -1.36 0.00	38.65 -1.16 0.00	35.98 -1.16 0.00	29.51 -0.98 0.00	29.29 -1.14 0.00	27.33 -1.31 0.00	32.17 -1.59 0.00	56.40 -3.17 0.00	52.95 -2.99 0.90	56.71 -2.81 0.00	47.51 -2.63 0.00	40.06 -1.97 0.00	44.19 -2.20 0.00	31.96 -1.72 0.00	28.49 -1.52 0.02	30.99 -1.66 0.17	34.91 -1.60 0.00	39.28 -1.90 0.00	52.46 -2.40 0.00	41.33 -2.05 0.00	31.03 -1.66 0.00	30.30 -1.52 0.00
STA_67___115KV_BK2 355882	55.71 -1.38 0.00	50.86 -1.26 0.00	50.57 -1.25 0.00	38.72 -1.09 0.00	36.04 -1.09 0.00	29.56 -0.93 0.00	29.32 -1.10 0.00	27.34 -1.30 0.00	32.19 -1.57 0.00	56.39 -3.18 0.00	52.94 -2.99 0.92	56.73 -2.79 0.00	47.51 -2.63 0.00	40.09 -1.94 0.00	44.20 -2.19 0.00	31.98 -1.70 0.00	28.49 -1.52 0.03	30.98 -1.67 0.18	34.92 -1.59 0.00	39.29 -1.89 0.00	52.49 -2.37 0.00	41.36 -2.03 0.00	31.05 -1.63 0.00	30.33 -1.49 0.00
STA_7___115KV_9TRANS 80674	56.10 -1.00 0.00	51.21 -0.91 0.00	50.89 -0.92 0.00	38.96 -0.85 0.00	36.26 -0.87 0.00	29.75 -0.74 0.00	29.51 -0.91 0.00	27.52 -1.12 0.00	32.43 -1.34 0.00	56.80 -2.76 0.00	53.34 -2.58 0.92	57.17 -2.35 0.00	47.87 -2.27 0.00	40.41 -1.63 0.00	44.56 -1.82 0.00	32.23 -1.45 0.00	28.72 -1.28 0.03	31.23 -1.42 0.18	35.22 -1.29 0.00	39.62 -1.55 0.00	52.93 -1.93 0.00	41.69 -1.69 0.00	31.29 -1.39 0.00	30.54 -1.28 0.00
STA_82___115KV_TB1 80780	55.72 -1.38 0.00	50.87 -1.25 0.00	50.58 -1.24 0.00	38.72 -1.09 0.00	36.04 -1.09 0.00	29.57 -0.92 0.00	29.33 -1.10 0.00	27.34 -1.30 0.00	32.19 -1.57 0.00	56.42 -3.15 0.00	52.93 -2.98 0.93	56.74 -2.78 0.00	47.51 -2.63 0.00	40.09 -1.94 0.00	44.21 -2.18 0.00	31.98 -1.70 0.00	28.49 -1.52 0.03	30.98 -1.66 0.18	34.92 -1.59 0.00	39.29 -1.89 0.00	52.50 -2.36 0.00	41.36 -2.02 0.00	31.06 -1.63 0.00	30.33 -1.49 0.00
STEEL___WIND 323596	54.80 -2.30 0.00	50.08 -2.04 0.00	49.86 -1.96 0.00	38.18 -1.62 0.00	35.50 -1.63 0.00	29.05 -1.44 0.00	28.62 -1.80 0.00	26.03 -2.11 0.50	31.17 -2.49 0.10	54.58 -4.98 0.00	50.54 -4.76 1.54	55.05 -4.47 0.00	46.03 -4.10 0.00	39.00 -3.03 0.00	42.91 -3.47 0.00	30.96 -2.72 0.00	25.02 -2.53 2.48	25.47 -2.86 4.50	31.04 -2.75 2.72	36.71 -3.24 1.22	45.16 -4.17 5.54	35.76 -3.50 4.12	28.79 -2.76 1.13	26.01 -2.56 3.24
STEPHTWN_115KV_BK_2 55603	57.95 0.85 0.00	52.97 0.85 0.00	52.43 0.61 0.00	40.27 0.47 0.00	37.60 0.47 0.00	30.99 0.50 0.00	31.06 0.64 0.00	29.46 0.82 0.00	34.57 0.81 0.00	61.55 1.99 0.00	59.40 2.55 0.00	61.83 2.31 0.00	52.25 2.12 0.00	43.74 1.71 0.00	48.34 1.96 0.00	35.09 1.41 0.00	31.26 1.23 0.00	34.08 1.26 0.00	37.70 1.19 0.00	42.54 1.36 0.00	56.73 1.87 0.00	44.79 1.40 0.00	33.73 1.05 0.00	32.75 0.93 0.00
STEUBEN_REC_LFGE 323667	54.74 -2.35 0.00	49.72 -2.39 0.00	48.99 -2.83 0.00	37.71 -2.09 0.00	35.28 -1.85 0.00	28.79 -1.70 0.00	28.28 -2.15 0.00	28.29 -2.23 -1.88	31.68 -2.46 -0.37	55.11 -4.47 -0.01	47.59 -3.97 5.28	55.56 -3.96 0.00	46.29 -3.84 0.00	38.38 -3.65 0.00	42.02 -4.36 0.00	29.58 -4.10 0.01	35.47 -3.57 -9.01	44.07 -3.51 -14.75	43.35 -3.38 -10.21	42.40 -3.38 -4.60	70.88 -4.76 -20.79	54.79 -4.06 -15.46	33.70 -3.23 -4.25	41.05 -2.95 -12.18
STILLWATER___SOLAR 323814	59.33 2.23 0.00	54.07 1.96 0.00	53.71 1.89 0.00	41.22 1.42 0.00	38.49 1.35 0.00	31.65 1.16 0.00	31.65 1.23 0.00	29.94 1.30 0.00	35.31 1.55 0.00	62.18 2.62 0.00	59.34 2.50 0.00	61.96 2.44 0.00	52.33 2.20 0.00	43.89 1.86 0.00	48.48 2.09 0.00	35.19 1.51 0.00	31.43 1.40 0.00	34.44 1.62 0.00	38.22 1.71 0.00	43.08 1.91 0.00	57.45 2.59 0.00	45.40 2.01 0.00	34.15 1.47 0.00	33.16 1.34 0.00
STONY___BROOK 24151	58.32 1.22 0.00	54.37 2.25 0.00	53.26 1.44 0.00	40.87 1.06 0.00	38.14 1.01 0.00	30.97 0.48 0.00	30.97 0.55 0.00	29.41 0.77 0.00	34.88 1.12 0.00	61.94 2.37 0.00	58.61 1.77 0.00	61.18 1.66 0.00	52.02 1.89 0.00	43.59 1.56 0.00	48.68 2.30 0.00	35.10 1.42 0.00	31.21 1.18 0.00	33.16 1.66 1.32	31.65 1.81 6.67	44.46 2.34 -0.95	57.85 3.25 0.26	50.43 2.50 -4.54	37.93 1.93 -3.32	33.58 1.76 0.00
STURGEON_POOL_HYD 23609	58.52 1.42 0.00	53.52 1.40 0.00	52.94 1.12 0.00	40.68 0.88 0.00	37.99 0.86 0.00	31.21 0.72 0.00	31.28 0.86 0.00	29.67 1.03 0.00	35.04 1.28 0.00	61.92 2.36 0.00	58.85 2.01 0.00	61.52 2.00 0.00	52.00 1.86 0.00	43.51 1.48 0.00	48.03 1.65 0.00	34.90 1.22 0.00	31.16 1.12 0.00	34.16 1.34 0.00	38.11 1.60 0.00	43.17 2.00 0.00	57.51 2.65 0.00	45.33 1.95 0.00	34.12 1.43 0.00	33.10 1.28 0.00
ST_LAW_115_BK7_LBMP 345037	57.39 0.30 0.00	52.37 0.25 0.00	52.25 0.44 0.00	40.08 0.27 0.00	37.34 0.21 0.00	30.64 0.14 0.00	30.58 0.15 0.00	28.76 0.12 0.00	34.09 0.32 0.00	60.29 0.73 0.00	57.56 0.71 0.00	60.42 0.90 0.00	50.80 0.66 0.00	42.64 0.60 0.00	47.07 0.68 0.00	34.14 0.46 0.00	30.36 0.32 0.00	33.07 0.25 0.00	36.71 0.20 0.00	41.30 0.13 0.00	54.97 0.11 0.00	43.54 0.15 0.00	32.83 0.15 0.00	31.86 0.04 0.00

ST_LAW_115_BK8_LBMP 345038	57.39 0.30 0.00	52.37 0.25 0.00	52.25 0.44 0.00	40.08 0.27 0.00	37.34 0.21 0.00	30.64 0.14 0.00	30.58 0.15 0.00	28.76 0.12 0.00	34.09 0.32 0.00	60.29 0.73 0.00	57.56 0.71 0.00	60.42 0.90 0.00	50.80 0.66 0.00	42.64 0.60 0.00	47.07 0.68 0.00	34.14 0.46 0.00	30.36 0.32 0.00	33.07 0.25 0.00	36.71 0.20 0.00	41.30 0.13 0.00	54.97 0.11 0.00	43.54 0.15 0.00	32.83 0.15 0.00	31.86 0.04 0.00
ST_LAW_230_BK5_LBMP 345035	57.37 0.27 0.00	52.35 0.23 0.00	52.22 0.40 0.00	40.06 0.26 0.00	37.34 0.20 0.00	30.63 0.14 0.00	30.57 0.15 0.00	28.74 0.10 0.00	34.06 0.30 0.00	60.24 0.68 0.00	57.52 0.68 0.00	60.37 0.84 0.00	50.76 0.62 0.00	42.60 0.57 0.00	47.02 0.63 0.00	34.11 0.43 0.00	30.34 0.31 0.00	33.05 0.23 0.00	36.69 0.18 0.00	41.29 0.12 0.00	54.95 0.09 0.00	43.53 0.14 0.00	32.81 0.13 0.00	31.85 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	57.37 0.27 0.00	52.35 0.23 0.00	52.22 0.40 0.00	40.06 0.26 0.00	37.34 0.20 0.00	30.63 0.14 0.00	30.57 0.15 0.00	28.74 0.10 0.00	34.06 0.30 0.00	60.24 0.68 0.00	57.52 0.68 0.00	60.37 0.84 0.00	50.76 0.62 0.00	42.60 0.57 0.00	47.02 0.63 0.00	34.11 0.43 0.00	30.34 0.31 0.00	33.05 0.23 0.00	36.69 0.18 0.00	41.29 0.12 0.00	54.95 0.09 0.00	43.53 0.14 0.00	32.81 0.13 0.00	31.85 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	58.08 0.98 0.00	53.09 0.97 0.00	52.44 0.62 0.00	40.28 0.48 0.00	37.63 0.49 0.00	30.90 0.41 0.00	30.98 0.56 0.00	29.38 0.74 0.00	34.70 0.94 0.00	61.36 1.79 0.00	58.34 1.50 0.00	60.99 1.46 0.00	51.56 1.43 0.00	43.13 1.10 0.00	47.61 1.23 0.00	34.60 0.92 0.00	30.88 0.85 0.00	33.85 1.03 0.00	37.75 1.24 0.00	42.80 1.63 0.00	57.06 2.20 0.00	44.95 1.56 0.00	33.80 1.12 0.00	32.80 0.98 0.00
SWANROAD_115KV_TB1 355699	53.46 -3.63 0.00	49.03 -3.09 0.00	48.83 -2.99 0.00	37.32 -2.48 0.00	34.70 -2.43 0.00	28.42 -2.07 0.00	28.00 -2.43 0.00	25.05 -2.94 0.65	30.12 -3.51 0.13	52.75 -6.81 0.00	49.19 -6.27 1.39	53.60 -5.93 0.00	44.79 -5.35 0.00	37.97 -4.07 0.00	41.76 -4.63 0.00	30.14 -3.54 0.00	23.48 -3.33 3.21	23.29 -3.79 5.74	29.19 -3.78 3.54	35.14 -4.44 1.60	41.89 -5.76 7.22	33.27 -4.75 5.37	27.61 -3.60 1.47	24.22 -3.37 4.23
SYNERGY___BIOGAS 323694	55.98 -1.11 0.00	51.20 -0.92 0.00	50.91 -0.90 0.00	38.93 -0.88 0.00	36.18 -0.95 0.00	29.70 -0.79 0.00	29.36 -1.06 0.00	26.74 -1.43 0.46	31.93 -1.74 0.09	55.92 -3.65 0.00	52.29 -3.35 1.19	56.49 -3.04 0.00	47.06 -3.08 0.00	39.75 -2.28 0.00	44.00 -2.38 0.00	31.73 -1.95 0.00	26.01 -1.74 2.29	26.79 -1.91 4.12	32.23 -1.76 2.52	37.92 -2.12 1.13	47.10 -2.63 5.13	37.20 -2.38 3.81	29.71 -1.92 1.05	27.02 -1.80 3.00
SYRACUSE___ENERGY_ST1 323597	56.84 -0.25 0.00	51.86 -0.26 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.22 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.22 -0.54 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.39 -1.13 0.00	49.11 -1.03 0.00	41.18 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.57 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	56.84 -0.25 0.00	51.86 -0.26 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.87 -0.27 0.00	30.28 -0.22 0.00	30.17 -0.25 0.00	28.31 -0.33 0.00	33.22 -0.54 0.00	58.45 -1.12 0.00	55.72 -1.12 0.00	58.39 -1.13 0.00	49.11 -1.03 0.00	41.18 -0.86 0.00	45.41 -0.97 0.00	32.98 -0.70 0.00	29.46 -0.57 0.00	32.31 -0.51 0.00	36.03 -0.49 0.00	40.62 -0.56 0.00	54.14 -0.72 0.00	42.81 -0.58 0.00	32.18 -0.50 0.00	31.45 -0.37 0.00
SYRACUSE___POWER 24017	56.83 -0.27 0.00	51.84 -0.28 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.85 -0.28 0.00	30.27 -0.22 0.00	30.16 -0.26 0.00	28.32 -0.32 0.00	33.26 -0.50 0.00	58.50 -1.06 0.00	56.14 -1.10 -0.39	58.41 -1.11 0.00	49.14 -1.00 0.00	41.21 -0.82 0.00	45.44 -0.94 0.00	33.00 -0.68 0.00	29.48 -0.56 -0.01	32.37 -0.53 -0.08	36.04 -0.47 0.00	40.65 -0.52 0.00	54.17 -0.69 0.00	42.82 -0.57 0.00	32.20 -0.49 0.00	31.43 -0.39 0.00
TALLMAN___138KV_BK151 55660	58.20 1.11 0.00	53.20 1.08 0.00	52.50 0.68 0.00	40.30 0.50 0.00	37.64 0.51 0.00	30.91 0.42 0.00	31.02 0.60 0.00	29.44 0.79 0.00	34.79 1.02 0.00	61.54 1.98 0.00	58.49 1.65 0.00	61.11 1.59 0.00	51.69 1.55 0.00	43.22 1.19 0.00	47.72 1.34 0.00	34.68 1.00 0.00	30.94 0.91 0.00	33.94 1.12 0.00	37.86 1.35 0.00	42.97 1.79 0.00	57.30 2.44 0.00	45.11 1.72 0.00	33.92 1.24 0.00	32.91 1.09 0.00
TEALLAVE_115KV_TB7 355573	56.60 -0.49 0.00	51.64 -0.48 0.00	51.27 -0.55 0.00	39.38 -0.42 0.00	36.72 -0.41 0.00	30.16 -0.33 0.00	30.05 -0.37 0.00	28.20 -0.44 0.00	33.11 -0.65 0.00	58.25 -1.31 0.00	55.52 -1.32 0.00	58.19 -1.33 0.00	48.94 -1.19 0.00	41.04 -0.99 0.00	45.25 -1.13 0.00	32.87 -0.81 0.00	29.36 -0.68 0.00	32.16 -0.66 0.00	35.87 -0.64 0.00	40.45 -0.73 0.00	53.90 -0.95 0.00	42.62 -0.76 0.00	32.06 -0.62 0.00	31.31 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	54.80 -2.30 0.00	50.16 -1.96 0.00	49.91 -1.91 0.00	38.17 -1.63 0.00	35.48 -1.65 0.00	29.09 -1.40 0.00	28.71 -1.71 0.00	25.88 -2.16 0.60	31.07 -2.57 0.12	54.46 -5.10 0.00	50.88 -4.67 1.29	55.15 -4.38 0.00	46.05 -4.09 0.00	38.98 -3.06 0.00	42.95 -3.44 0.00	30.99 -2.69 0.00	24.58 -2.50 2.95	24.73 -2.81 5.28	30.55 -2.71 3.26	36.50 -3.21 1.47	44.12 -4.11 6.63	34.97 -3.49 4.93	28.62 -2.72 1.35	25.41 -2.53 3.88
TEMPLE___115KV_TB 2 55572	56.61 -0.48 0.00	51.66 -0.46 0.00	51.28 -0.54 0.00	39.39 -0.41 0.00	36.73 -0.40 0.00	30.17 -0.32 0.00	30.06 -0.37 0.00	28.20 -0.44 0.00	33.12 -0.64 0.00	58.28 -1.29 0.00	55.54 -1.31 0.00	58.20 -1.32 0.00	48.96 -1.18 0.00	41.05 -0.98 0.00	45.29 -1.10 0.00	32.87 -0.80 0.00	29.36 -0.67 0.00	32.16 -0.66 0.00	35.88 -0.63 0.00	40.47 -0.71 0.00	53.92 -0.94 0.00	42.63 -0.76 0.00	32.07 -0.62 0.00	31.32 -0.50 0.00
TIANA____69_KV_BK 1 55817	58.22 1.12 0.00	54.73 2.61 0.00	53.48 1.66 0.00	40.95 1.15 0.00	38.26 1.13 0.00	30.83 0.34 0.00	30.80 0.38 0.00	29.27 0.63 0.00	34.70 0.94 0.00	61.68 2.12 0.00	58.30 1.46 0.00	61.03 1.51 0.00	51.94 1.80 0.00	43.48 1.44 0.00	48.99 2.61 0.00	35.21 1.53 0.00	31.29 1.25 0.00	33.32 1.88 1.38	31.42 1.90 7.00	44.57 2.51 -0.89	57.49 3.53 0.90	50.61 2.84 -4.39	38.16 2.23 -3.25	33.84 2.02 0.00
TILDEN___115KV_TB1 80814	56.83 -0.27 0.00	51.84 -0.28 0.00	51.47 -0.35 0.00	39.53 -0.27 0.00	36.85 -0.28 0.00	30.27 -0.22 0.00	30.16 -0.26 0.00	28.32 -0.32 0.00	33.26 -0.50 0.00	58.50 -1.06 0.00	56.14 -1.10 -0.39	58.41 -1.11 0.00	49.14 -1.00 0.00	41.21 -0.82 0.00	45.44 -0.94 0.00	33.00 -0.68 0.00	29.48 -0.56 -0.01	32.37 -0.53 -0.08	36.04 -0.47 0.00	40.65 -0.52 0.00	54.17 -0.69 0.00	42.82 -0.57 0.00	32.20 -0.49 0.00	31.43 -0.39 0.00

TRIGEN___CC 323695	58.51 1.42 0.00	54.00 1.89 0.00	53.12 1.30 0.00	40.81 1.01 0.00	38.10 0.97 0.00	31.15 0.66 0.00	31.22 0.80 0.00	29.62 0.98 0.00	35.09 1.33 0.00	62.19 2.62 0.00	59.01 2.16 -0.01	61.60 2.08 0.00	52.26 2.13 0.00	43.70 1.66 0.00	48.41 2.02 -0.01	35.08 1.39 0.00	31.27 1.24 0.00	39.66 1.55 -5.29	70.10 1.79 -31.80	50.92 2.26 -7.49	132.35 3.09 -74.39	67.84 2.28 -22.17	46.00 1.74 -11.58	33.41 1.58 -0.01
TRINITY___115KV___4 BK 55933	57.38 0.28 0.00	52.39 0.27 0.00	52.00 0.18 0.00	39.96 0.16 0.00	37.34 0.21 0.00	30.73 0.24 0.00	30.76 0.33 0.00	29.10 0.46 0.00	34.21 0.46 0.00	60.75 1.18 0.00	58.71 1.86 0.00	61.30 1.78 0.00	51.75 1.62 0.00	43.39 1.36 0.00	47.92 1.54 0.00	34.81 1.13 0.00	31.04 1.01 0.00	33.73 0.91 0.00	37.23 0.72 0.00	42.00 0.83 0.00	55.98 1.13 0.00	44.27 0.88 0.00	33.41 0.73 0.00	32.48 0.65 0.00
UNION___PROCESSING_DRP 323587	55.72 -1.37 0.00	50.88 -1.24 0.00	50.59 -1.23 0.00	38.74 -1.07 0.00	36.05 -1.08 0.00	29.57 -0.92 0.00	29.33 -1.10 0.00	27.35 -1.29 0.00	32.20 -1.56 0.00	56.42 -3.14 0.00	52.94 -2.97 0.93	56.76 -2.76 0.00	47.51 -2.62 0.00	40.10 -1.94 0.00	44.22 -2.17 0.00	31.99 -1.69 0.00	28.50 -1.51 0.03	30.99 -1.66 0.18	34.93 -1.58 0.00	39.30 -1.87 0.00	52.51 -2.35 0.00	41.37 -2.02 0.00	31.07 -1.62 0.00	30.33 -1.49 0.00
UPPER HUDSON___HYD 24058	60.13 3.04 0.00	54.67 2.56 0.00	54.31 2.50 0.00	41.67 1.86 0.00	38.90 1.77 0.00	31.99 1.50 0.00	32.01 1.59 0.00	30.31 1.67 0.00	35.79 2.03 0.00	62.93 3.36 0.00	60.00 3.16 0.00	62.71 3.19 0.00	53.00 2.87 0.00	44.48 2.45 0.00	49.12 2.73 0.00	35.59 1.91 0.00	31.83 1.79 0.00	34.93 2.11 0.00	38.77 2.26 0.00	43.67 2.50 0.00	58.22 3.37 0.00	46.03 2.64 0.00	34.44 1.75 0.00	33.42 1.60 0.00
UPPER RAQUET___HYD 24056	56.87 -0.23 0.00	51.76 -0.36 0.00	51.72 -0.10 0.00	39.67 -0.13 0.00	36.99 -0.14 0.00	30.30 -0.20 0.00	30.30 -0.12 0.00	28.54 -0.10 0.00	33.88 0.12 0.00	59.95 0.38 0.00	57.16 0.32 0.00	59.90 0.38 0.00	50.13 -0.01 0.00	42.10 0.07 0.00	46.54 0.16 0.00	33.78 0.10 0.00	30.09 0.06 0.00	32.81 -0.02 0.00	36.41 -0.10 0.00	40.93 -0.24 0.00	54.43 -0.43 0.00	42.95 -0.43 0.00	32.32 -0.36 0.00	31.28 -0.54 0.00
VALLEY44_115KV_TB2 355964	54.94 -2.16 0.00	50.04 -2.08 0.00	49.56 -2.26 0.00	38.00 -1.80 0.00	35.32 -1.81 0.00	28.97 -1.52 0.00	28.67 -1.76 0.00	27.00 -1.64 0.00	31.91 -1.85 0.00	55.80 -3.77 0.00	50.92 -3.90 2.02	55.60 -3.92 0.00	46.28 -3.85 0.00	38.97 -3.07 0.00	43.01 -3.37 0.00	30.96 -2.71 0.00	27.50 -2.48 0.05	29.83 -2.61 0.39	34.20 -2.31 0.00	38.67 -2.50 0.00	51.59 -3.27 0.00	40.48 -2.91 0.00	30.44 -2.24 0.00	29.68 -2.14 0.00
VALLEY___115KV_TB 1-4 80826	56.40 -0.70 0.00	51.42 -0.70 0.00	51.03 -0.79 0.00	39.25 -0.55 0.00	36.63 -0.50 0.00	30.15 -0.33 0.00	30.06 -0.37 0.00	28.44 -0.20 0.00	33.51 -0.25 0.00	59.17 -0.39 0.00	56.67 -0.17 0.00	59.21 -0.31 0.00	50.01 -0.12 0.00	41.85 -0.18 0.00	46.19 -0.20 0.00	33.50 -0.18 0.00	29.93 -0.11 0.00	32.73 -0.09 0.00	36.36 -0.15 0.00	41.11 -0.07 0.00	54.83 -0.03 0.00	43.24 -0.14 0.00	32.59 -0.10 0.00	31.73 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	58.93 1.83 0.00	53.77 1.65 0.00	53.35 1.53 0.00	41.04 1.24 0.00	38.28 1.15 0.00	31.48 0.99 0.00	31.42 1.00 0.00	29.65 1.01 0.00	35.05 1.29 0.00	61.89 2.33 0.00	58.82 1.97 0.00	61.57 2.05 0.00	51.75 1.62 0.00	43.32 1.29 0.00	47.78 1.39 0.00	34.72 1.04 0.00	30.95 0.92 0.00	33.87 1.05 0.00	37.83 1.32 0.00	42.76 1.59 0.00	56.94 2.08 0.00	44.92 1.53 0.00	33.74 1.06 0.00	32.79 0.97 0.00
VISCHER___FERRY HYD 24020	58.38 1.28 0.00	53.26 1.14 0.00	52.88 1.06 0.00	40.59 0.79 0.00	37.91 0.78 0.00	31.19 0.70 0.00	31.19 0.76 0.00	29.52 0.89 0.00	34.77 1.01 0.00	61.31 1.74 0.00	58.61 1.77 0.00	61.19 1.67 0.00	51.70 1.57 0.00	43.37 1.33 0.00	47.88 1.49 0.00	34.77 1.09 0.00	31.04 1.01 0.00	33.93 1.11 0.00	37.59 1.08 0.00	42.36 1.19 0.00	56.52 1.66 0.00	44.70 1.32 0.00	33.74 1.06 0.00	32.78 0.97 0.00
V_A_10_SYNC_DSASP 323832	54.48 -2.61 0.00	49.80 -2.31 0.00	49.56 -2.26 0.00	37.92 -1.88 0.00	35.25 -1.88 0.00	28.90 -1.59 0.00	28.56 -1.86 0.00	26.06 -2.12 0.46	31.17 -2.50 0.09	54.61 -4.96 0.00	50.97 -4.74 1.14	55.05 -4.48 0.00	46.05 -4.08 0.00	38.97 -3.06 0.00	42.90 -3.48 0.00	31.00 -2.68 0.00	25.37 -2.42 2.25	26.07 -2.71 4.05	31.34 -2.70 2.48	36.88 -3.17 1.12	45.81 -4.00 5.04	36.27 -3.37 3.75	29.04 -2.61 1.03	26.47 -2.40 2.95
V_CMM_10_SYNC_DSASP 323787	57.71 0.61 0.00	52.66 0.54 0.00	52.53 0.71 0.00	40.28 0.48 0.00	37.53 0.40 0.00	30.79 0.30 0.00	30.73 0.31 0.00	28.91 0.27 0.00	34.26 0.50 0.00	60.63 1.06 0.00	57.86 1.02 0.00	60.74 1.22 0.00	51.06 0.92 0.00	42.85 0.82 0.00	47.32 0.94 0.00	34.32 0.64 0.00	30.52 0.48 0.00	33.24 0.42 0.00	36.90 0.39 0.00	41.51 0.34 0.00	55.26 0.40 0.00	43.76 0.37 0.00	33.00 0.31 0.00	32.02 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	57.91 0.81 0.00	52.66 0.54 0.00	52.82 1.00 0.00	40.60 0.79 0.00	38.01 0.88 0.00	31.26 0.77 0.00	31.27 0.85 0.00	29.40 0.76 0.00	34.79 1.03 0.00	61.63 2.06 0.00	58.84 2.00 0.00	61.73 2.21 0.00	52.06 1.92 0.00	43.50 1.46 0.00	47.76 1.38 0.00	34.57 0.89 0.00	30.95 0.92 0.00	33.58 0.76 0.00	37.02 0.51 0.00	41.73 0.56 0.00	55.05 0.19 0.00	43.47 0.08 0.00	32.84 0.16 0.00	31.75 -0.07 0.00
V_D_10_SYNC_DSASP 323841	57.87 0.77 0.00	52.80 0.68 0.00	52.67 0.85 0.00	40.38 0.58 0.00	37.63 0.50 0.00	30.87 0.38 0.00	30.82 0.39 0.00	28.99 0.35 0.00	34.37 0.61 0.00	60.82 1.25 0.00	58.04 1.20 0.00	60.92 1.39 0.00	51.17 1.03 0.00	42.95 0.92 0.00	47.43 1.04 0.00	34.41 0.73 0.00	30.61 0.57 0.00	33.35 0.52 0.00	37.02 0.51 0.00	41.64 0.47 0.00	55.42 0.55 0.00	43.87 0.49 0.00	33.07 0.38 0.00	32.07 0.25 0.00
V_E_10_SYNC_DSASP 323830	59.45 2.36 0.00	54.10 1.98 0.00	53.21 1.39 0.00	40.70 0.89 0.00	37.86 0.73 0.00	31.01 0.52 0.00	31.00 0.58 0.00	29.02 0.22 -0.15	33.90 0.11 -0.03	59.70 0.13 0.00	59.20 -0.07 -2.43	59.05 -0.47 0.00	50.07 -0.06 0.00	42.57 0.54 0.00	46.81 0.43 0.00	33.66 -0.02 0.00	31.00 0.15 -0.82	34.65 0.05 -1.77	37.60 0.24 -0.84	41.77 0.22 -0.38	56.65 0.07 -1.72	44.38 -0.28 -1.28	32.59 -0.44 -0.35	32.33 -0.50 -1.01
V_F_30_NSYNC___DSASP 323816	59.40 2.31 0.00	54.15 2.03 0.00	53.78 1.96 0.00	41.29 1.48 0.00	38.54 1.40 0.00	31.70 1.21 0.00	31.69 1.27 0.00	29.99 1.35 0.00	35.37 1.61 0.00	62.28 2.71 0.00	59.44 2.59 0.00	62.07 2.55 0.00	52.40 2.27 0.00	43.95 1.92 0.00	48.54 2.16 0.00	35.24 1.56 0.00	31.47 1.44 0.00	34.49 1.67 0.00	38.28 1.77 0.00	43.14 1.97 0.00	57.53 2.67 0.00	45.46 2.07 0.00	34.18 1.50 0.00	33.20 1.38 0.00

V_F_30_SYNC_DSASP 323786	57.60 0.50 0.00	52.59 0.47 0.00	52.19 0.37 0.00	40.11 0.31 0.00	37.47 0.34 0.00	30.83 0.35 0.00	30.87 0.45 0.00	29.20 0.56 0.00	34.33 0.58 0.00	61.00 1.43 0.00	58.94 2.09 0.00	61.54 2.02 0.00	51.93 1.80 0.00	43.55 1.51 0.00	48.09 1.71 0.00	34.94 1.26 0.00	31.15 1.11 0.00	33.87 1.04 0.00	37.40 0.88 0.00	42.19 1.02 0.00	56.22 1.36 0.00	44.43 1.05 0.00	33.52 0.84 0.00	32.58 0.76 0.00
V_XM_10_SYNC_DSASP 323789	57.91 0.81 0.00	52.66 0.54 0.00	52.82 1.00 0.00	40.60 0.79 0.00	38.01 0.88 0.00	31.26 0.77 0.00	31.27 0.85 0.00	29.40 0.76 0.00	34.79 1.03 0.00	61.63 2.06 0.00	58.84 2.00 0.00	61.73 2.21 0.00	52.06 1.92 0.00	43.50 1.46 0.00	47.76 1.38 0.00	34.57 0.89 0.00	30.95 0.92 0.00	33.58 0.76 0.00	37.02 0.51 0.00	41.73 0.56 0.00	55.05 0.19 0.00	43.47 0.08 0.00	32.84 0.16 0.00	31.75 -0.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	58.43 1.33 0.00	53.41 1.29 0.00	52.71 0.89 0.00	40.47 0.67 0.00	37.81 0.68 0.00	31.05 0.56 0.00	31.15 0.73 0.00	29.56 0.92 0.00	34.94 1.18 0.00	61.79 2.23 0.00	58.74 1.89 0.00	61.40 1.88 0.00	51.92 1.79 0.00	43.42 1.39 0.00	47.94 1.55 0.00	34.84 1.16 0.00	31.08 1.05 0.00	34.10 1.28 0.00	38.03 1.52 0.00	43.16 1.99 0.00	57.54 2.68 0.00	45.29 1.91 0.00	34.07 1.38 0.00	33.04 1.22 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	58.84 1.75 0.00	53.81 1.70 0.00	53.10 1.28 0.00	40.79 0.98 0.00	38.12 0.99 0.00	31.29 0.81 0.00	31.42 1.00 0.00	29.85 1.21 0.00	35.28 1.52 0.00	62.40 2.84 0.00	59.30 2.46 0.00	61.99 2.47 0.00	52.45 2.31 0.00	43.80 1.77 0.00	48.36 1.98 0.00	35.17 1.49 0.00	31.36 1.33 0.00	34.37 1.55 0.00	38.31 1.80 0.00	43.54 2.37 0.00	57.94 3.08 0.00	45.71 2.33 0.00	34.41 1.73 0.00	33.36 1.54 0.00
W50THST__13_KV_LOAD 356117	59.16 2.06 0.00	54.10 1.98 0.00	53.35 1.53 0.00	40.93 1.13 0.00	38.27 1.14 0.00	31.40 0.91 0.00	31.57 1.14 0.00	29.99 1.35 0.00	35.45 1.69 0.00	62.68 3.12 0.00	59.51 2.67 0.00	62.21 2.69 0.00	52.65 2.51 0.00	43.97 1.94 0.00	48.54 2.16 0.00	35.30 1.62 0.00	31.47 1.44 0.00	34.50 1.67 0.00	38.44 1.93 0.00	43.69 2.51 0.00	58.19 3.34 0.00	45.96 2.58 0.00	34.61 1.92 0.00	33.53 1.71 0.00
WADING RIVER_IC_1 23522	57.68 0.58 0.00	54.48 2.36 0.00	53.10 1.28 0.00	40.72 0.92 0.00	38.01 0.88 0.00	30.58 0.09 0.00	30.49 0.07 0.00	28.97 0.33 0.00	34.34 0.58 0.00	61.08 1.51 0.00	57.67 0.82 0.00	60.25 0.72 0.00	51.25 1.12 0.00	42.95 0.92 0.00	48.55 2.16 0.00	34.86 1.18 0.00	30.90 0.86 0.00	32.89 1.46 1.39	30.78 1.31 7.04	43.85 1.80 -0.89	56.42 2.54 0.97	49.90 2.15 -4.37	37.71 1.79 -3.24	33.52 1.70 0.00
WADING RIVER_IC_2 23547	57.68 0.58 0.00	54.48 2.36 0.00	53.10 1.28 0.00	40.72 0.92 0.00	38.01 0.88 0.00	30.58 0.09 0.00	30.49 0.07 0.00	28.97 0.33 0.00	34.34 0.58 0.00	61.08 1.51 0.00	57.67 0.82 0.00	60.25 0.72 0.00	51.25 1.12 0.00	42.95 0.92 0.00	48.55 2.16 0.00	34.86 1.18 0.00	30.90 0.86 0.00	32.89 1.46 1.39	30.78 1.31 7.04	43.85 1.80 -0.89	56.42 2.54 0.97	49.90 2.15 -4.37	37.71 1.79 -3.24	33.52 1.70 0.00
WADING RIVER_IC_3 23601	57.68 0.58 0.00	54.48 2.36 0.00	53.10 1.28 0.00	40.72 0.92 0.00	38.01 0.88 0.00	30.58 0.09 0.00	30.49 0.07 0.00	28.97 0.33 0.00	34.34 0.58 0.00	61.08 1.51 0.00	57.67 0.82 0.00	60.25 0.72 0.00	51.25 1.12 0.00	42.95 0.92 0.00	48.55 2.16 0.00	34.86 1.18 0.00	30.90 0.86 0.00	32.89 1.46 1.39	30.78 1.31 7.04	43.85 1.80 -0.89	56.42 2.54 0.97	49.90 2.15 -4.37	37.71 1.79 -3.24	33.52 1.70 0.00
WALDENNY_12_KV_BK2 80841	54.84 -2.25 0.00	50.14 -1.98 0.00	49.89 -1.93 0.00	38.19 -1.61 0.00	35.50 -1.63 0.00	29.07 -1.42 0.00	28.64 -1.78 0.00	25.99 -2.13 0.52	31.13 -2.53 0.10	54.58 -4.99 0.00	50.58 -4.74 1.53	55.10 -4.42 0.00	46.09 -4.04 0.00	39.05 -2.99 0.00	42.95 -3.43 0.00	30.99 -2.68 0.00	24.95 -2.52 2.56	25.32 -2.87 4.63	31.00 -2.71 2.81	36.71 -3.20 1.26	45.01 -4.13 5.71	35.64 -3.50 4.25	28.80 -2.72 1.17	25.94 -2.53 3.35
WALDEN__HYDRO 24148	58.40 1.30 0.00	53.39 1.27 0.00	52.77 0.95 0.00	40.54 0.73 0.00	37.85 0.72 0.00	31.10 0.61 0.00	31.18 0.76 0.00	29.57 0.93 0.00	34.94 1.18 0.00	61.78 2.21 0.00	58.76 1.92 0.00	61.41 1.89 0.00	51.92 1.79 0.00	43.42 1.39 0.00	47.94 1.56 0.00	34.84 1.15 0.00	31.10 1.07 0.00	34.10 1.28 0.00	38.03 1.52 0.00	43.11 1.94 0.00	57.44 2.58 0.00	45.26 1.87 0.00	34.03 1.35 0.00	33.02 1.19 0.00
WARRENSBURG____ 23737	60.14 3.04 0.00	54.67 2.56 0.00	54.31 2.50 0.00	41.67 1.86 0.00	38.90 1.77 0.00	31.99 1.51 0.00	32.01 1.59 0.00	30.31 1.67 0.00	35.79 2.03 0.00	62.93 3.36 0.00	60.01 3.17 0.00	62.72 3.19 0.00	53.00 2.87 0.00	44.49 2.46 0.00	49.12 2.73 0.00	35.59 1.91 0.00	31.83 1.79 0.00	34.93 2.11 0.00	38.77 2.26 0.00	43.67 2.50 0.00	58.23 3.37 0.00	46.02 2.64 0.00	34.44 1.76 0.00	33.42 1.60 0.00
WATERSIDE____6 8 9 23538	58.84 1.75 0.00	53.81 1.70 0.00	53.14 1.32 0.00	41.39 1.11 -0.48	38.16 1.09 0.05	27.38 0.90 4.00	29.02 1.06 2.46	27.12 1.25 2.77	31.92 1.56 3.40	59.85 3.01 2.72	59.50 2.66 0.00	62.21 2.69 0.00	54.87 2.51 -2.22	45.56 1.94 -1.60	48.60 2.16 -0.06	37.19 1.63 -1.88	28.88 1.46 2.61	32.30 1.68 2.20	37.03 1.95 1.43	49.02 2.51 -5.33	97.20 3.25 -39.10	48.18 2.40 -2.40	31.96 1.77 2.49	30.83 1.58 2.57
WATKINRD_115KV_LN8_ILLION 55919	56.78 -0.32 0.00	51.78 -0.33 0.00	51.42 -0.40 0.00	39.53 -0.27 0.00	36.89 -0.24 0.00	30.35 -0.14 0.00	30.27 -0.16 0.00	28.60 -0.04 0.00	33.70 -0.06 0.00	59.48 -0.08 0.00	56.90 0.05 0.00	59.46 -0.06 0.00	50.19 0.05 0.00	42.02 -0.01 0.00	46.37 -0.01 0.00	33.66 -0.02 0.00	30.06 0.03 0.00	32.88 0.06 0.00	36.55 0.04 0.00	41.28 0.10 0.00	55.02 0.16 0.00	43.43 0.05 0.00	32.71 0.03 0.00	31.84 0.02 0.00
WATSON____69_KV_BK 1 55734	58.95 1.86 0.00	54.81 2.69 0.00	53.73 1.91 0.00	41.24 1.44 0.00	38.50 1.37 0.00	31.32 0.83 0.00	31.34 0.92 0.00	29.77 1.13 0.00	35.31 1.55 0.00	62.65 3.08 0.00	59.27 2.43 0.00	61.88 2.36 0.00	52.62 2.48 0.00	44.06 2.03 0.00	49.08 2.69 0.00	35.43 1.75 0.00	31.51 1.48 0.00	33.84 1.94 0.92	34.36 2.17 4.31	45.30 2.78 -1.35	63.03 3.88 -4.29	51.94 2.96 -5.59	38.74 2.26 -3.80	33.87 2.05 0.00
WDELAWARE__HYD 323627	58.68 1.58 0.00	53.60 1.48 0.00	53.02 1.19 0.00	40.72 0.92 0.00	38.02 0.89 0.00	31.26 0.76 0.00	31.32 0.89 0.00	29.70 1.06 0.00	35.10 1.34 0.00	62.06 2.49 0.00	59.00 2.16 0.00	61.71 2.19 0.00	52.13 1.99 0.00	43.59 1.56 0.00	48.12 1.74 0.00	34.98 1.30 0.00	31.19 1.16 0.00	34.21 1.39 0.00	38.16 1.65 0.00	43.28 2.11 0.00	57.66 2.80 0.00	45.41 2.03 0.00	34.12 1.44 0.00	33.08 1.26 0.00

WEST BABYLON___IC 23714	59.03 1.93 0.00	54.72 2.60 0.00	53.70 1.88 0.00	41.23 1.43 0.00	38.48 1.34 0.00	31.36 0.87 0.00	31.40 0.98 0.00	29.81 1.17 0.00	35.36 1.60 0.00	62.72 3.15 0.00	59.40 2.56 0.00	62.03 2.50 0.00	52.73 2.60 0.00	44.13 2.10 0.00	49.05 2.66 -0.01	35.45 1.77 0.00	31.54 1.51 0.00	34.81 1.95 -0.04	40.01 2.22 -1.28	46.29 2.80 -2.32	74.01 3.90 -15.26	54.49 2.94 -8.16	39.90 2.25 -4.97	33.85 2.03 0.00
WEST CANADA___HYD 24049	57.07 -0.03 0.00	52.07 -0.05 0.00	51.75 -0.07 0.00	39.76 -0.04 0.00	37.10 -0.03 0.00	30.46 -0.03 0.00	30.41 -0.02 0.00	28.65 0.01 0.00	33.76 0.00 0.00	59.54 -0.02 0.00	56.86 0.01 0.00	59.47 -0.05 0.00	50.14 0.00 0.00	42.03 0.00 0.00	46.38 0.00 0.00	33.69 0.01 0.00	30.05 0.02 0.00	32.85 0.03 0.00	36.54 0.03 0.00	41.21 0.04 0.00	54.91 0.05 0.00	43.40 0.01 0.00	32.68 0.00 0.00	31.82 0.00 0.00
WESTERN_NY_WIND 24143	55.90 -1.20 0.00	51.12 -1.00 0.00	50.84 -0.97 0.00	38.88 -0.93 0.00	36.14 -0.99 0.00	29.66 -0.83 0.00	29.31 -1.11 0.00	26.64 -1.50 0.50	31.84 -1.82 0.10	55.80 -3.76 0.00	52.18 -3.44 1.22	56.39 -3.14 0.00	46.98 -3.15 0.00	39.67 -2.37 0.00	43.93 -2.45 0.00	31.67 -2.01 0.00	25.77 -1.81 2.45	26.39 -2.02 4.41	31.97 -1.84 2.70	37.75 -2.21 1.22	46.58 -2.78 5.50	36.83 -2.47 4.09	29.57 -1.99 1.12	26.73 -1.87 3.22
WESTOVER___LESR 323668	56.46 -0.64 0.00	51.45 -0.67 0.00	50.97 -0.85 0.00	39.20 -0.60 0.00	36.54 -0.59 0.00	30.02 -0.47 0.00	29.87 -0.55 0.00	28.17 -0.47 0.00	33.13 -0.63 0.00	58.30 -1.27 0.00	54.60 -1.43 0.82	58.11 -1.41 0.00	48.87 -1.26 0.00	41.02 -1.02 0.00	45.18 -1.20 0.00	32.76 -0.92 0.00	29.22 -0.79 0.02	31.92 -0.75 0.16	35.93 -0.58 0.00	40.60 -0.57 0.00	54.12 -0.74 0.00	42.65 -0.74 0.00	32.03 -0.66 0.00	31.19 -0.64 0.00
WETHRSFD_WT_PWR 323626	53.97 -3.13 0.00	49.25 -2.87 0.00	48.86 -2.96 0.00	37.63 -2.18 0.00	35.08 -2.05 0.00	28.69 -1.80 0.00	28.19 -2.23 0.00	21.31 -2.66 4.67	29.58 -3.26 0.92	53.52 -6.03 0.02	49.12 -5.31 2.41	53.97 -5.55 0.00	44.96 -5.18 0.00	37.70 -4.33 0.00	41.59 -4.79 0.00	29.66 -4.02 0.00	3.60 -3.60 22.84	-10.58 -3.70 39.71	7.39 -3.72 25.40	25.63 -4.10 11.44	-2.29 -5.43 51.72	0.34 -4.59 38.46	18.50 -3.62 10.56	-1.91 -3.42 30.30
WHAVSTOR_138KV_BK127 55557	58.20 1.10 0.00	53.22 1.10 0.00	52.53 0.71 0.00	40.34 0.54 0.00	37.67 0.54 0.00	30.94 0.45 0.00	31.05 0.62 0.00	29.46 0.81 0.00	34.80 1.04 0.00	61.56 1.99 0.00	58.51 1.66 0.00	61.15 1.63 0.00	51.72 1.59 0.00	43.25 1.22 0.00	47.74 1.36 0.00	34.70 1.02 0.00	30.96 0.93 0.00	33.95 1.12 0.00	37.87 1.36 0.00	42.97 1.79 0.00	57.28 2.42 0.00	45.11 1.72 0.00	33.93 1.25 0.00	32.92 1.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	58.20 1.10 0.00	53.22 1.10 0.00	52.53 0.71 0.00	40.34 0.54 0.00	37.67 0.54 0.00	30.94 0.45 0.00	31.05 0.62 0.00	29.46 0.81 0.00	34.80 1.04 0.00	61.56 1.99 0.00	58.51 1.66 0.00	61.15 1.63 0.00	51.72 1.59 0.00	43.25 1.22 0.00	47.74 1.36 0.00	34.70 1.02 0.00	30.96 0.93 0.00	33.95 1.12 0.00	37.87 1.36 0.00	42.97 1.79 0.00	57.28 2.42 0.00	45.11 1.72 0.00	33.93 1.25 0.00	32.92 1.10 0.00
WHITEHAL_115KV_TB1 80871	61.59 4.49 0.00	55.54 3.43 0.00	55.21 3.39 0.00	42.23 2.43 0.00	39.41 2.28 0.00	32.49 2.00 0.00	32.63 2.21 0.00	30.98 2.34 0.00	36.64 2.88 0.00	63.58 4.02 0.00	60.39 3.54 0.00	63.14 3.62 0.00	53.66 3.52 0.00	45.27 3.23 0.00	50.04 3.66 0.00	35.96 2.28 0.00	32.29 2.25 0.00	35.62 2.80 0.00	39.44 2.93 0.00	44.30 3.13 0.00	59.19 4.33 0.00	47.14 3.76 0.00	34.81 2.13 0.00	33.75 1.93 0.00
WHITEPLN_13_KV_LOAD 356215	59.04 1.94 0.00	54.00 1.88 0.00	53.32 1.50 0.00	40.95 1.15 0.00	38.25 1.12 0.00	31.42 0.93 0.00	31.54 1.12 0.00	29.93 1.29 0.00	35.36 1.60 0.00	62.60 3.04 0.00	59.56 2.71 0.00	62.25 2.73 0.00	52.67 2.54 0.00	44.03 1.99 0.00	48.61 2.23 0.00	35.33 1.65 0.00	31.52 1.49 0.00	34.56 1.74 0.00	38.52 2.01 0.00	43.73 2.55 0.00	58.21 3.35 0.00	45.87 2.49 0.00	34.51 1.83 0.00	33.45 1.63 0.00
WM_FLOYD_69_KV_BK2 356380	58.13 1.03 0.00	54.50 2.38 0.00	53.27 1.44 0.00	40.85 1.05 0.00	38.14 1.01 0.00	30.84 0.35 0.00	30.81 0.38 0.00	29.27 0.63 0.00	34.70 0.94 0.00	61.64 2.07 0.00	58.24 1.40 0.00	60.84 1.31 0.00	51.73 1.59 0.00	43.35 1.32 0.00	48.69 2.30 0.00	35.03 1.35 0.00	31.10 1.07 0.00	33.07 1.61 1.36	31.28 1.64 6.87	44.25 2.17 -0.91	57.26 3.04 0.64	50.28 2.45 -4.45	37.90 1.94 -3.28	33.62 1.80 0.00
WOODARD___115KV_TB2 355635	56.56 -0.54 0.00	51.60 -0.52 0.00	51.24 -0.58 0.00	39.36 -0.45 0.00	36.70 -0.43 0.00	30.15 -0.34 0.00	30.03 -0.39 0.00	28.18 -0.46 0.00	33.10 -0.66 0.00	58.23 -1.33 0.00	55.52 -1.33 0.00	58.16 -1.36 0.00	48.92 -1.22 0.00	41.02 -1.02 0.00	45.25 -1.13 0.00	32.86 -0.82 0.00	29.35 -0.69 0.00	32.15 -0.67 0.00	35.85 -0.66 0.00	40.42 -0.75 0.00	53.86 -1.00 0.00	42.59 -0.79 0.00	32.04 -0.64 0.00	31.31 -0.51 0.00
YORK___WARBASSE 23770	59.23 2.13 0.00	54.17 2.05 0.00	53.47 1.65 0.00	43.26 1.41 -2.05	38.77 1.33 -0.31	58.07 1.11 -26.47	45.04 1.27 -13.34	45.48 1.46 -15.38	52.52 1.80 -16.96	76.55 3.42 -13.57	59.89 3.04 -0.01	62.66 3.13 -0.01	56.41 2.86 -3.42	46.96 2.23 -2.70	49.58 2.46 -0.73	45.61 1.86 -10.07	45.55 1.68 -13.83	45.75 1.93 -11.00	46.99 2.23 -8.25	54.66 2.78 -10.70	106.84 3.52 -48.46	63.38 2.68 -17.31	47.11 2.00 -12.43	46.43 1.80 -12.81