

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/30/2025

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	42.78	40.49	39.53	39.04	39.89	43.15	57.03	67.74	76.07	65.23	66.63	64.37	62.29	62.26	58.95	62.26	64.49	72.79	79.79	72.23	63.62	54.47	48.26	44.52
24138	2.69	2.22	2.06	1.96	1.97	2.40	3.13	3.65	4.44	4.10	4.30	4.43	4.72	4.88	4.82	4.72	4.94	5.52	5.91	4.91	4.55	4.13	3.66	3.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.82	40.49	39.56	39.07	39.89	43.15	56.98	67.68	76.07	65.23	66.63	64.31	62.17	62.15	58.89	62.14	64.43	72.72	79.79	72.23	63.62	54.47	48.30	44.56
24260	2.73	2.22	2.10	2.00	1.97	2.40	3.07	3.59	4.44	4.10	4.30	4.38	4.61	4.76	4.76	4.60	4.88	5.45	5.91	4.91	4.55	4.13	3.70	3.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.82	40.49	39.56	39.07	39.89	43.15	56.98	67.68	76.07	65.23	66.63	64.31	62.17	62.15	58.89	62.14	64.43	72.72	79.79	72.23	63.62	54.47	48.30	44.56
24261	2.73	2.22	2.10	2.00	1.97	2.40	3.07	3.59	4.44	4.10	4.30	4.38	4.61	4.76	4.76	4.60	4.88	5.45	5.91	4.91	4.55	4.13	3.70	3.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.62	39.68	38.81	38.37	39.32	42.33	55.74	66.40	73.78	62.91	64.20	61.55	59.06	58.99	55.70	59.50	61.57	69.96	76.54	69.60	61.49	52.20	46.21	42.74
24011	1.52	1.42	1.35	1.30	1.40	1.59	1.83	2.31	2.15	1.77	1.87	1.62	1.50	1.61	1.57	1.96	2.02	2.69	2.66	2.29	2.42	1.86	1.61	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.66	39.72	38.81	38.37	39.32	42.33	55.74	66.72	73.86	62.91	64.45	61.79	59.17	59.16	55.75	59.61	61.75	70.10	76.54	69.60	61.61	52.30	46.16	42.74
23798	1.56	1.45	1.35	1.30	1.40	1.59	1.83	2.63	2.22	1.77	2.12	1.86	1.61	1.78	1.62	2.07	2.20	2.82	2.66	2.29	2.54	1.96	1.56	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.62	39.68	38.81	38.37	39.32	42.33	55.74	66.40	73.78	62.91	64.20	61.55	59.06	58.99	55.70	59.50	61.57	69.96	76.54	69.60	61.49	52.20	46.21	42.74
24028	1.52	1.42	1.35	1.30	1.40	1.59	1.83	2.31	2.15	1.77	1.87	1.62	1.50	1.61	1.57	1.96	2.02	2.69	2.66	2.29	2.42	1.86	1.61	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.78	39.64	38.85	38.52	39.55	42.49	55.90	66.65	73.78	63.21	64.26	61.13	58.83	58.59	55.59	59.78	62.05	70.70	77.50	70.48	62.02	52.71	46.03	42.82
23527	1.68	1.38	1.39	1.44	1.63	1.75	2.00	2.57	2.15	2.08	1.93	1.20	1.26	1.21	1.46	2.24	2.50	3.43	3.62	3.16	2.95	2.37	1.43	1.49
	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
AIR_PRODUCTS___DRP	40.18	38.35	37.62	37.18	38.07	40.87	53.75	63.83	71.35	61.01	62.08	59.51	57.28	57.15	54.18	57.77	59.79	67.74	74.32	67.58	59.48	50.64	44.69	41.38
24190	0.08	0.08	0.15	0.11	0.15	0.12	-0.16	-0.26	-0.29	-0.12	-0.25	-0.42	-0.29	-0.23	0.05	0.23	0.24	0.47	0.44	0.27	0.41	0.30	0.09	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.50	38.73	37.92	37.44	38.41	41.23	54.82	65.11	72.71	62.05	63.24	58.75	56.08	58.17	54.62	58.06	60.09	67.74	74.10	67.72	59.42	50.69	44.96	41.58
355683	0.40	0.46	0.45	0.37	0.49	0.49	0.92	1.03	1.07	0.92	0.93	1.08	1.04	0.80	0.49	0.52	0.54	0.47	0.22	0.40	0.35	0.35	0.36	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	2.26	2.52	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.14	39.26	38.44	38.03	38.90	41.72	54.99	65.50	73.06	62.36	63.57	61.01	58.54	58.47	55.27	58.98	61.10	69.15	75.88	69.00	60.78	51.75	45.67	42.32
323833	1.04	0.99	0.97	0.96	0.98	0.98	1.08	1.41	1.43	1.22	1.25	1.08	0.98	1.09	1.14	1.44	1.55	1.88	2.00	1.68	1.71	1.41	1.07	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.14	39.26	38.44	38.03	38.90	41.72	54.99	65.50	73.06	62.29	63.51	60.95	58.54	58.42	55.27	58.98	61.10	69.15	75.88	69.00	60.78	51.75	45.67	42.32
323834	1.04	0.99	0.97	0.96	0.98	0.98	1.08	1.41	1.43	1.16	1.18	1.02	0.98	1.03	1.14	1.44	1.55	1.88	2.00	1.68	1.71	1.41	1.07	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.18	38.35	37.62	37.18	38.07	40.87	53.75	63.83	71.35	61.01	62.08	59.51	57.28	57.15	54.18	57.77	59.79	67.74	74.32	67.58	59.48	50.64	44.69	41.38
23571	0.08	0.08	0.15	0.11	0.15	0.12	-0.16	-0.26	-0.29	-0.12	-0.25	-0.42	-0.29	-0.23	0.05	0.23	0.24	0.47	0.44	0.27	0.41	0.30	0.09	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.18 0.08 0.00	38.35 0.08 0.00	37.62 0.15 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.87 0.12 0.00	53.75 -0.16 0.00	63.83 -0.26 0.00	71.35 -0.29 0.00	61.01 -0.12 0.00	62.08 -0.25 0.00	59.51 -0.42 0.00	57.28 -0.29 0.00	57.15 -0.23 0.00	54.18 0.05 0.00	57.77 0.23 0.00	59.79 0.24 0.00	67.74 0.47 0.00	74.32 0.44 0.00	67.58 0.27 0.00	59.48 0.41 0.00	50.64 0.30 0.00	44.69 0.09 0.00	41.38 0.04 0.00
ALBANY___3 23573	40.18 0.08 0.00	38.35 0.08 0.00	37.62 0.15 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.87 0.12 0.00	53.75 -0.16 0.00	63.83 -0.26 0.00	71.35 -0.29 0.00	61.01 -0.12 0.00	62.08 -0.25 0.00	59.51 -0.42 0.00	57.28 -0.29 0.00	57.15 -0.23 0.00	54.18 0.05 0.00	57.77 0.23 0.00	59.79 0.24 0.00	67.74 0.47 0.00	74.32 0.44 0.00	67.58 0.27 0.00	59.48 0.41 0.00	50.64 0.30 0.00	44.69 0.09 0.00	41.38 0.04 0.00
ALBANY___4 23574	40.18 0.08 0.00	38.35 0.08 0.00	37.62 0.15 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.87 0.12 0.00	53.75 -0.16 0.00	63.83 -0.26 0.00	71.35 -0.29 0.00	61.01 -0.12 0.00	62.08 -0.25 0.00	59.51 -0.42 0.00	57.28 -0.29 0.00	57.15 -0.23 0.00	54.18 0.05 0.00	57.77 0.23 0.00	59.79 0.24 0.00	67.74 0.47 0.00	74.32 0.44 0.00	67.58 0.27 0.00	59.48 0.41 0.00	50.64 0.30 0.00	44.69 0.09 0.00	41.38 0.04 0.00
ALBANY___LFGE 323615	40.62 0.52 0.00	38.76 0.50 0.00	37.95 0.49 0.00	37.59 0.52 0.00	38.45 0.53 0.00	41.23 0.49 0.00	54.23 0.33 0.00	64.73 0.64 0.00	72.20 0.57 0.00	61.74 0.61 0.00	63.01 0.69 0.00	60.47 0.54 0.00	58.14 0.58 0.00	58.02 0.63 0.00	54.83 0.70 0.00	58.52 0.98 0.00	60.62 1.07 0.00	68.62 1.34 0.00	75.06 1.18 0.00	68.32 1.01 0.00	60.19 1.12 0.00	51.19 0.85 0.00	45.09 0.49 0.00	41.79 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	40.86 0.76 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.78 0.70 0.00	38.71 0.80 0.00	41.60 0.86 0.00	55.31 1.40 0.00	65.63 1.54 0.00	73.35 1.72 0.00	62.60 1.47 0.00	64.08 1.50 -0.26	88.86 1.62 -27.31	89.57 1.55 -30.45	58.96 1.32 -0.26	55.05 0.92 0.00	58.57 1.04 0.00	60.50 0.95 0.00	68.15 0.87 0.00	74.62 0.74 0.00	68.25 0.94 0.00	59.84 0.77 0.00	51.09 0.76 0.00	45.36 0.76 0.00	41.91 0.58 0.00
ALCOA_RYNLDS___DRP 24188	40.86 0.76 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.78 0.70 0.00	38.71 0.80 0.00	41.60 0.86 0.00	55.31 1.40 0.00	65.63 1.54 0.00	73.35 1.72 0.00	62.60 1.47 0.00	64.08 1.50 -0.26	88.86 1.62 -27.31	89.57 1.55 -30.45	58.96 1.32 -0.26	55.05 0.92 0.00	58.57 1.04 0.00	60.50 0.95 0.00	68.15 0.87 0.00	74.62 0.74 0.00	68.25 0.94 0.00	59.84 0.77 0.00	51.09 0.76 0.00	45.36 0.76 0.00	41.91 0.58 0.00
ALCOA___DSASP 323711	40.86 0.76 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.77 0.70 0.00	38.72 0.80 0.00	41.60 0.86 0.00	55.20 1.29 0.00	65.44 1.35 0.00	73.21 1.57 0.00	62.48 1.34 0.00	63.96 1.37 -0.26	88.68 1.44 -27.31	89.40 1.38 -30.45	58.79 1.15 -0.26	54.94 0.81 0.00	58.40 0.86 0.00	60.32 0.77 0.00	67.95 0.67 0.00	74.47 0.59 0.00	68.12 0.81 0.00	59.72 0.65 0.00	51.04 0.70 0.00	45.36 0.76 0.00	41.99 0.66 0.00
ALLEGHENY___COGEN 23514	40.30 0.20 0.00	39.30 1.03 0.00	38.33 0.86 0.00	37.85 0.78 0.00	38.49 0.57 0.00	41.15 0.41 0.00	54.45 0.54 0.00	64.15 0.06 0.00	71.10 -0.50 0.03	60.00 -1.10 0.03	60.61 -1.68 0.03	57.86 -2.04 0.03	55.12 -2.42 0.03	55.00 -2.36 0.03	51.93 -2.17 0.03	55.44 -2.07 0.03	67.22 -1.85 -9.52	77.09 -1.42 -11.23	74.25 0.37 0.00	67.75 0.47 0.03	67.58 -0.47 -8.98	49.75 -0.55 0.03	44.60 0.00 0.00	41.91 0.58 0.00
ALTAMONT_115KV_TB 2 55880	40.70 0.60 0.00	38.73 0.46 0.00	37.99 0.52 0.00	37.59 0.52 0.00	38.45 0.53 0.00	41.31 0.57 0.00	54.45 0.54 0.00	64.67 0.58 0.00	72.28 0.64 0.00	61.81 0.67 0.00	62.89 0.56 0.00	60.35 0.42 0.00	58.08 0.52 0.00	57.96 0.57 0.00	54.89 0.76 0.00	58.40 0.86 0.00	60.50 0.95 0.00	68.48 1.21 0.00	75.21 1.33 0.00	68.46 1.14 0.00	60.13 1.06 0.00	51.25 0.91 0.00	45.32 0.71 0.00	41.95 0.62 0.00
ALTONA_WT_PWR 323606	40.86 0.76 0.00	39.03 0.77 0.00	38.21 0.75 0.00	37.74 0.67 0.00	38.72 0.80 0.00	41.36 0.61 0.00	54.34 0.43 0.00	64.22 0.13 0.00	71.85 0.22 0.00	61.26 0.12 0.00	62.39 0.06 0.00	60.05 0.12 0.00	57.62 0.06 0.00	57.04 -0.34 0.00	53.75 -0.38 0.00	56.85 -0.69 0.00	58.72 -0.83 0.00	66.19 -1.08 0.00	72.33 -1.55 0.00	66.03 -1.28 0.00	58.18 -0.88 0.00	50.09 -0.25 0.00	44.65 0.04 0.00	41.29 -0.04 0.00
AMERICAN_REF_FUEL 24010	38.05 -2.04 0.00	37.20 -1.07 0.00	36.64 -0.82 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	39.03 -1.71 0.00	50.24 -3.67 0.00	58.45 -5.64 0.00	64.80 -6.81 0.02	55.36 -5.75 0.02	55.89 -6.42 0.02	53.38 -6.53 0.02	50.98 -6.56 0.02	51.11 -6.25 0.02	48.37 -5.74 0.02	51.19 -6.33 0.02	44.51 -7.45 7.59	55.78 -8.68 2.82	66.86 -7.02 0.00	60.63 -6.67 0.02	49.37 -7.44 2.25	44.28 -6.04 0.02	40.86 -3.75 0.00	39.31 -2.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.29 -1.80 0.00	37.66 -0.61 0.00	36.75 -0.71 0.00	36.29 -0.78 0.00	36.55 -1.36 0.00	38.91 -1.83 0.00	50.94 -2.96 0.00	59.54 -4.55 0.00	65.74 -5.87 0.03	55.97 -5.14 0.03	57.26 -5.05 0.03	54.81 -5.09 0.03	52.53 -5.01 0.03	52.71 -4.65 0.03	49.61 -4.49 0.03	52.91 -4.61 0.03	46.16 -4.82 8.57	58.47 -5.65 3.16	69.00 -4.88 0.00	62.91 -4.37 0.03	51.82 -4.73 2.52	46.34 -3.98 0.03	42.06 -2.54 0.00	39.93 -1.41 0.00
ARTHUR KILL_GT_1 23520	43.27 3.17 0.00	40.95 2.68 0.00	39.95 2.47 -0.01	39.45 2.37 -0.01	40.28 2.35 -0.01	43.56 2.81 -0.01	57.14 3.23 0.00	67.49 3.40 0.00	75.79 4.15 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.65 3.72 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.45 3.91 0.00	63.96 4.41 0.00	72.39 5.11 0.00	79.57 5.69 0.00	72.09 4.78 0.00	63.26 4.19 0.00	54.37 4.03 0.00	48.66 4.06 0.00	44.94 3.60 -0.01
ARTHUR_KILL_2 23512	43.15 3.05 -0.01	40.84 2.56 -0.01	39.72 2.25 -0.01	39.34 2.26 -0.01	40.20 2.27 -0.01	43.32 2.57 -0.01	56.98 3.07 0.00	67.41 3.33 0.01	75.78 4.15 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.58 3.66 0.01	61.48 3.92 0.00	61.52 4.13 0.00	58.19 4.06 0.00	61.51 3.97 0.00	63.95 4.41 0.01	72.24 4.98 0.01	79.34 5.47 0.01	72.01 4.71 0.01	63.19 4.13 0.01	54.22 3.88 0.00	48.57 3.97 0.00	44.73 3.39 -0.01
ARTHUR_KILL_3 23513	42.42 2.32 0.00	40.11 1.84 0.00	39.08 1.61 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.62 1.88 0.00	56.44 2.53 0.00	67.23 3.14 0.00	75.57 3.94 0.00	64.68 3.54 0.00	66.19 3.87 0.00	64.13 4.19 0.00	61.94 4.37 0.00	61.92 4.53 0.00	58.57 4.44 0.00	61.91 4.37 0.00	64.20 4.65 0.00	72.25 4.98 0.00	79.05 5.17 0.00	71.75 4.44 0.00	63.32 4.26 0.00	54.01 3.67 0.00	47.90 3.30 0.00	44.06 2.73 0.00

ARTHUR_KILL_COGEN 323718	43.27 3.17 -0.01	40.95 2.68 -0.01	39.84 2.36 -0.01	39.45 2.37 -0.01	40.28 2.35 -0.01	43.40 2.65 -0.01	57.14 3.23 0.00	67.60 3.52 0.01	75.99 4.37 0.01	64.61 3.48 0.01	66.25 3.93 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.13 4.59 0.01	72.45 5.18 0.01	79.56 5.69 0.01	72.22 4.91 0.01	63.37 4.31 0.01	54.37 4.03 0.00	48.70 4.10 0.00	44.85 3.51 -0.01
ASHOKAN____ 23654	41.50 1.40 0.00	39.42 1.15 0.00	38.55 1.09 0.00	38.15 1.08 0.00	38.94 1.02 0.00	41.84 1.10 0.00	55.42 1.51 0.00	66.20 2.11 0.00	73.64 2.00 0.00	62.48 1.34 0.00	63.64 1.31 0.00	61.01 1.08 0.00	58.78 1.21 0.00	58.76 1.37 0.00	55.53 1.41 0.00	59.09 1.55 0.00	61.21 1.67 0.00	69.56 2.29 0.00	76.54 2.66 0.00	69.33 2.02 0.00	61.08 2.01 0.00	52.05 1.71 0.00	45.99 1.38 0.00	42.45 1.12 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.95 2.85 -0.01	40.65 2.37 -0.01	39.50 2.02 -0.01	39.12 2.04 -0.01	39.93 2.01 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	66.77 2.69 0.01	75.06 3.44 0.01	64.24 3.12 0.01	65.68 3.36 0.01	63.58 3.66 0.01	61.53 3.97 0.01	61.51 4.13 0.01	58.18 4.06 0.01	61.45 3.91 0.01	63.65 4.11 0.01	71.70 4.44 0.01	78.53 4.66 0.01	71.27 3.97 0.01	62.90 3.84 0.01	53.97 3.63 0.00	48.40 3.79 -0.01	44.57 3.23 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.91 2.81 -0.01	40.61 2.33 -0.01	39.50 2.02 -0.01	39.08 2.00 -0.01	39.93 2.01 -0.01	43.03 2.28 -0.01	56.76 2.86 0.00	66.77 2.69 0.01	75.06 3.44 0.01	64.18 3.06 0.01	65.68 3.36 0.01	63.52 3.60 0.01	61.47 3.92 0.01	61.45 4.07 0.01	58.18 4.06 0.01	61.39 3.86 0.01	63.65 4.11 0.01	71.70 4.44 0.01	78.45 4.58 0.01	71.27 3.97 0.01	62.85 3.78 0.01	53.97 3.63 0.00	48.40 3.79 -0.01	44.53 3.18 -0.01
ASTORIA_GT2_1 24094	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT2_2 24095	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT2_3 24096	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT2_4 24097	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT3_1 24098	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT3_2 24099	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT3_3 24100	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT3_4 24101	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT4_1 24102	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT4_2 24103	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT4_3 24104	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01

ASTORIA_GT4_4 24105	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
ASTORIA_GT_1 23523	42.99 2.89 0.00	40.68 2.41 0.00	39.64 2.17 0.00	39.15 2.08 0.00	39.96 2.05 0.00	43.23 2.49 0.00	56.93 3.02 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.79 3.72 0.00	54.11 3.78 0.00	48.45 3.84 -0.01	44.69 3.35 -0.01
ASTORIA_GT_10 24110	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.77 1.86 0.00	42.98 2.24 0.00	56.55 2.64 0.00	66.78 2.69 0.00	75.00 3.37 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.36 3.80 0.00	61.34 3.96 0.00	58.13 4.01 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.71 4.44 0.00	78.68 4.80 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.96 3.62 0.00	48.08 3.48 0.00	44.39 3.06 0.00
ASTORIA_GT_11 24225	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.77 1.86 0.00	42.98 2.24 0.00	56.55 2.64 0.00	66.78 2.69 0.00	75.00 3.37 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.36 3.80 0.00	61.34 3.96 0.00	58.13 4.01 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.71 4.44 0.00	78.68 4.80 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.96 3.62 0.00	48.08 3.48 0.00	44.39 3.06 0.00
ASTORIA_GT_12 24226	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.77 1.86 0.00	42.98 2.24 0.00	56.55 2.64 0.00	66.78 2.69 0.00	75.00 3.37 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.36 3.80 0.00	61.34 3.96 0.00	58.13 4.01 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.71 4.44 0.00	78.68 4.80 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.96 3.62 0.00	48.08 3.48 0.00	44.39 3.06 0.00
ASTORIA_GT_13 24227	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.77 1.86 0.00	42.98 2.24 0.00	56.55 2.64 0.00	66.78 2.69 0.00	75.00 3.37 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.36 3.80 0.00	61.34 3.96 0.00	58.13 4.01 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.71 4.44 0.00	78.68 4.80 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.96 3.62 0.00	48.08 3.48 0.00	44.39 3.06 0.00
ASTORIA_GT_5 24106	42.99 2.89 0.00	40.68 2.41 0.00	39.64 2.17 0.00	39.15 2.08 0.00	39.96 2.05 0.00	43.23 2.49 0.00	56.93 3.02 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.79 3.72 0.00	54.11 3.78 0.00	48.45 3.84 -0.01	44.69 3.35 -0.01
ASTORIA_GT_7 24107	42.99 2.89 0.00	40.68 2.41 0.00	39.64 2.17 0.00	39.15 2.08 0.00	39.96 2.05 0.00	43.23 2.49 0.00	56.93 3.02 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.79 3.72 0.00	54.11 3.78 0.00	48.45 3.84 -0.01	44.69 3.35 -0.01
ASTORIA_GT_8 24108	42.99 2.89 0.00	40.68 2.41 0.00	39.64 2.17 0.00	39.15 2.08 0.00	39.96 2.05 0.00	43.23 2.49 0.00	56.93 3.02 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.79 3.72 0.00	54.11 3.78 0.00	48.45 3.84 -0.01	44.69 3.35 -0.01
ASTORIA___2 24149	42.95 2.85 -0.01	40.65 2.37 -0.01	39.50 2.02 -0.01	39.12 2.04 -0.01	39.93 2.01 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	66.77 2.69 0.01	75.06 3.44 0.01	64.24 3.12 0.01	65.68 3.36 0.01	63.58 3.66 0.01	61.53 3.97 0.01	61.51 4.13 0.01	58.18 4.06 0.01	61.45 3.91 0.01	63.65 4.11 0.01	71.70 4.44 0.01	78.53 4.66 0.01	71.27 3.97 0.01	62.90 3.84 0.01	53.97 3.63 0.00	48.40 3.79 -0.01	44.57 3.23 -0.01
ASTORIA___3 23516	42.75 2.65 -0.01	40.46 2.18 -0.01	39.34 1.87 0.00	38.92 1.85 0.00	39.78 1.86 0.00	42.82 2.08 0.00	56.55 2.64 0.00	66.83 2.75 0.01	75.13 3.51 0.01	64.30 3.18 0.01	65.81 3.49 0.01	63.70 3.78 0.01	61.59 4.03 0.00	61.57 4.19 0.00	58.24 4.11 0.00	61.51 3.97 0.00	63.77 4.23 0.01	71.84 4.58 0.01	78.60 4.73 0.01	71.34 4.04 0.01	62.96 3.90 0.01	53.91 3.57 0.00	48.12 3.52 0.00	44.31 2.98 0.00
ASTORIA___4 23517	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.77 1.86 0.00	42.98 2.24 0.00	56.55 2.64 0.00	66.78 2.69 0.00	75.00 3.37 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.36 3.80 0.00	61.34 3.96 0.00	58.13 4.01 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.71 4.44 0.00	78.68 4.80 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.96 3.62 0.00	48.08 3.48 0.00	44.39 3.06 0.00
ASTORIA___5 23518	42.75 2.65 -0.01	40.46 2.18 -0.01	39.34 1.87 0.00	38.92 1.85 0.00	39.78 1.86 0.00	42.82 2.08 0.00	56.55 2.64 0.00	66.83 2.75 0.01	75.13 3.51 0.01	64.30 3.18 0.01	65.81 3.49 0.01	63.70 3.78 0.01	61.59 4.03 0.00	61.57 4.19 0.00	58.24 4.11 0.00	61.51 3.97 0.00	63.77 4.23 0.01	71.84 4.58 0.01	78.60 4.73 0.01	71.34 4.04 0.01	62.96 3.90 0.01	53.91 3.57 0.00	48.12 3.52 0.00	44.31 2.98 0.00
AST_ENERGY_2_CC3 323677	42.95 2.85 -0.01	40.65 2.37 -0.01	39.50 2.02 -0.01	39.12 2.04 -0.01	39.93 2.01 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	66.77 2.69 0.01	75.06 3.44 0.01	64.24 3.12 0.01	65.68 3.36 0.01	63.58 3.66 0.01	61.53 3.97 0.01	61.51 4.13 0.01	58.18 4.06 0.01	61.45 3.91 0.01	63.65 4.11 0.01	71.70 4.44 0.01	78.53 4.66 0.01	71.27 3.97 0.01	62.90 3.84 0.01	53.97 3.63 0.00	48.40 3.79 -0.01	44.57 3.23 -0.01
AST_ENERGY_2_CC4 323678	42.95 2.85 -0.01	40.65 2.37 -0.01	39.50 2.02 -0.01	39.12 2.04 -0.01	39.93 2.01 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	66.77 2.69 0.01	75.06 3.44 0.01	64.24 3.12 0.01	65.68 3.36 0.01	63.58 3.66 0.01	61.53 3.97 0.01	61.51 4.13 0.01	58.18 4.06 0.01	61.45 3.91 0.01	63.65 4.11 0.01	71.70 4.44 0.01	78.53 4.66 0.01	71.27 3.97 0.01	62.90 3.84 0.01	53.97 3.63 0.00	48.40 3.79 -0.01	44.57 3.23 -0.01

ATHENS_STG_1 23668	41.14 1.04 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.75 0.83 0.00	41.60 0.86 0.00	54.93 1.02 0.00	65.44 1.35 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.89 1.56 0.00	61.49 1.56 0.00	59.24 1.67 0.00	59.16 1.78 0.00	55.91 1.78 0.00	59.38 1.84 0.00	61.58 2.03 0.00	69.49 2.22 0.00	76.17 2.29 0.00	69.33 2.02 0.00	61.02 1.95 0.00	52.00 1.66 0.00	45.99 1.38 0.00	42.49 1.16 0.00
ATHENS_STG_2 23670	41.14 1.04 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.75 0.83 0.00	41.60 0.86 0.00	54.93 1.02 0.00	65.44 1.35 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.89 1.56 0.00	61.49 1.56 0.00	59.24 1.67 0.00	59.16 1.78 0.00	55.91 1.78 0.00	59.38 1.84 0.00	61.58 2.03 0.00	69.49 2.22 0.00	76.17 2.29 0.00	69.33 2.02 0.00	61.02 1.95 0.00	52.00 1.66 0.00	45.99 1.38 0.00	42.49 1.16 0.00
ATHENS_STG_3 23677	41.14 1.04 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.75 0.83 0.00	41.60 0.86 0.00	54.93 1.02 0.00	65.44 1.35 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.89 1.56 0.00	61.49 1.56 0.00	59.24 1.67 0.00	59.16 1.78 0.00	55.91 1.78 0.00	59.38 1.84 0.00	61.58 2.03 0.00	69.49 2.22 0.00	76.17 2.29 0.00	69.33 2.02 0.00	61.02 1.95 0.00	52.00 1.66 0.00	45.99 1.38 0.00	42.49 1.16 0.00
AUBURN____LFGE 323710	39.82 -0.28 0.00	38.15 -0.11 0.00	37.28 -0.19 0.00	36.92 -0.15 0.00	37.73 -0.19 0.00	40.46 -0.29 0.00	53.53 -0.38 0.00	63.83 -0.26 0.00	71.57 -0.07 -0.01	61.41 -0.18 -0.46	63.06 -0.19 -0.92	60.64 -0.18 -0.89	58.04 -0.35 -0.82	57.91 -0.29 -0.82	54.52 -0.22 -0.61	57.82 -0.35 -0.62	61.48 -0.30 -2.22	67.35 -0.34 -0.42	73.81 -0.07 0.00	67.32 0.00 -0.01	59.28 -0.12 -0.33	50.09 -0.25 -0.01	44.38 -0.22 0.00	41.21 -0.12 0.00
BABYLON_RES_REC 323704	42.18 2.08 0.00	39.58 1.38 0.06	38.63 1.20 0.03	38.29 1.22 0.00	39.13 1.21 0.00	42.21 1.46 0.00	52.75 1.46 2.62	54.34 1.35 11.09	55.22 1.79 18.20	54.37 1.46 8.22	63.82 2.05 0.56	56.82 2.70 5.81	51.26 2.53 8.84	57.67 2.75 2.46	56.05 2.71 0.78	58.77 2.70 1.48	60.16 2.80 2.19	69.74 2.96 0.49	76.76 3.33 0.45	69.59 3.16 0.89	61.42 2.66 0.31	52.06 2.16 0.44	47.55 2.94 0.00	44.23 2.89 0.00
BALL_HILL_WT_PWR 323825	38.29 -1.80 0.00	37.70 -0.57 0.00	36.75 -0.71 0.00	36.37 -0.71 0.00	36.70 -1.21 0.00	39.15 -1.59 0.00	51.16 -2.75 0.00	59.86 -4.23 0.00	66.23 -5.37 0.02	56.40 -4.71 0.02	57.69 -4.61 0.02	55.17 -4.74 0.02	52.82 -4.72 0.02	53.00 -4.36 0.02	49.83 -4.28 0.02	53.03 -4.49 0.02	46.29 -4.82 8.44	58.40 -5.72 3.16	68.78 -5.10 0.00	62.51 -4.78 0.02	51.52 -5.02 2.52	45.99 -4.33 0.02	41.75 -2.86 0.00	39.72 -1.61 0.00
BARON_WINDS____WT_PWR 323822	38.53 -1.56 0.00	37.62 -0.65 0.00	36.75 -0.71 0.00	36.37 -0.71 0.00	36.74 -1.18 0.00	39.32 -1.43 0.00	51.65 -2.26 0.00	60.50 -3.59 0.00	67.36 -4.23 0.04	57.05 -4.04 0.04	58.29 -3.99 0.04	55.81 -4.08 0.04	53.32 -4.20 0.04	53.27 -4.07 0.04	50.08 -4.00 0.04	53.35 -4.14 0.04	36.83 -4.11 18.61	54.70 -4.44 8.13	69.59 -4.29 0.00	63.44 -3.83 0.04	48.91 -3.66 6.50	47.13 -3.17 0.04	42.33 -2.27 0.00	40.10 -1.24 0.00
BARRETT_IC_1 23704	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_10 23701	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_11 23702	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_12 23703	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_2 23705	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_3 23706	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_4 23707	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_5 23708	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08

BARRETT_IC_6 23709	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_7 23710	42.08 1.92 -0.06	39.61 1.34 0.00	38.74 1.27 0.00	38.29 1.22 0.00	39.13 1.21 0.00	42.50 1.75 0.00	55.15 1.40 0.16	64.92 1.54 0.71	72.56 2.08 1.15	62.68 2.08 0.53	65.09 2.68 -0.08	72.96 2.88 -10.15	59.83 2.82 0.56	64.41 3.04 -3.99	57.18 3.09 0.03	60.35 2.88 0.06	62.45 3.04 0.14	70.92 3.57 -0.08	78.10 4.14 -0.08	70.63 3.23 -0.08	61.84 2.78 0.01	53.57 2.62 -0.62	47.41 2.72 -0.08	44.15 2.73 -0.08
BARRETT_IC_8 23711	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT_IC_9 23700	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT___1 23545	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BARRETT___2 23546	42.08 1.92 -0.06	39.61 1.34 0.00	38.63 1.16 -0.01	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.99 1.24 0.16	64.98 1.60 0.71	72.70 2.22 1.15	62.61 2.01 0.53	65.22 2.81 -0.08	73.25 3.17 -10.15	60.00 2.99 0.56	64.64 3.27 -3.99	57.23 3.14 0.03	60.58 3.10 0.06	62.63 3.21 0.14	70.99 3.63 -0.08	78.03 4.06 -0.08	71.23 3.83 -0.08	62.07 3.01 0.01	53.52 2.57 -0.62	47.45 2.77 -0.08	44.10 2.69 -0.08
BATAVIA___115KV_TB1 55881	39.22 -0.88 0.00	38.54 0.27 0.00	37.20 -0.26 0.00	37.15 0.07 0.00	37.65 -0.27 0.00	39.64 -1.10 0.00	51.37 -2.53 0.00	61.20 -2.88 0.00	68.10 -3.51 0.02	57.75 -3.36 0.02	59.25 -3.05 0.02	56.56 -3.36 0.02	53.98 -3.57 0.02	53.98 -3.39 0.02	50.86 -3.25 0.02	53.84 -3.68 0.02	49.72 -4.23 5.60	60.51 -5.05 1.72	69.74 -4.14 0.00	63.25 -4.04 0.02	53.44 -4.25 1.38	46.80 -3.52 0.02	42.55 -2.05 0.00	40.59 -0.74 0.00
BAYONEEC___CTG1 323682	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG10 323750	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG2 323683	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG3 323684	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG4 323685	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG5 323686	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG6 323687	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG7 323688	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00

BAYONEEC___CTG8 323689	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BAYONEEC___CTG9 323749	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.38 4.05 0.00	64.25 4.32 0.00	62.06 4.49 0.00	62.03 4.65 0.00	58.68 4.55 0.00	62.03 4.49 0.00	64.32 4.77 0.00	72.45 5.18 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.23 2.89 0.00
BEACON___LESR 323632	40.82 0.72 0.00	38.92 0.65 0.00	38.10 0.64 0.00	37.74 0.67 0.00	38.60 0.68 0.00	41.39 0.65 0.00	54.56 0.65 0.00	65.11 1.02 0.00	72.63 1.00 0.00	62.05 0.92 0.00	63.26 0.94 0.00	60.71 0.78 0.00	58.37 0.81 0.00	58.25 0.86 0.00	55.05 0.92 0.00	58.75 1.21 0.00	60.86 1.31 0.00	68.96 1.68 0.00	75.50 1.62 0.00	68.66 1.35 0.00	60.48 1.42 0.00	51.45 1.11 0.00	45.31 0.71 0.00	41.99 0.66 0.00
BEAVER RIVER___HYD 24048	41.10 1.00 0.00	39.23 0.96 0.00	38.33 0.86 0.00	37.92 0.85 0.00	38.79 0.87 0.00	41.88 1.14 0.00	55.42 1.51 0.00	65.95 1.86 0.00	73.64 2.00 0.00	63.07 1.65 -0.29	65.21 2.24 -0.64	68.95 2.10 -6.92	66.90 1.73 -7.61	59.68 1.72 -0.57	55.54 1.03 -0.38	58.97 1.04 -0.39	60.38 0.83 0.00	67.88 0.60 0.00	74.84 0.96 0.00	68.59 1.28 0.00	59.96 0.89 0.00	51.45 1.11 0.00	45.54 0.94 0.00	41.96 0.62 0.00
BEEBEE_GT_13 23619	39.18 -0.92 0.00	38.04 -0.23 0.00	36.90 -0.56 0.00	36.70 -0.37 0.00	37.39 -0.53 0.00	39.68 -1.06 0.00	52.18 -1.73 0.00	62.29 -1.79 0.00	69.69 -1.93 0.01	59.16 -1.96 0.01	60.63 -1.68 0.01	58.00 -1.92 0.01	55.48 -2.07 0.01	55.42 -1.95 0.01	52.22 -1.89 0.01	55.28 -2.24 0.01	55.19 -2.56 1.80	64.61 -3.03 -0.36	71.52 -2.36 0.00	64.81 -2.49 0.01	56.76 -2.60 -0.29	48.11 -2.21 0.01	43.22 -1.38 0.00	40.51 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.15 3.05 0.00	40.79 2.53 0.00	39.76 2.29 -0.01	39.30 2.22 -0.01	40.12 2.20 -0.01	43.36 2.61 -0.01	57.03 3.13 0.00	67.42 3.33 0.00	75.79 4.15 0.00	64.86 3.73 0.00	66.25 3.93 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.68 4.14 0.00	64.08 4.53 0.00	72.39 5.11 0.00	79.57 5.69 0.00	72.02 4.71 0.00	63.32 4.25 0.00	54.37 4.03 0.00	48.53 3.92 0.00	44.81 3.47 -0.01
BETHLEHEM___GRP 23843	40.18 0.08 0.00	38.35 0.08 0.00	37.62 0.15 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.87 0.12 0.00	53.75 -0.16 0.00	63.83 -0.26 0.00	71.35 -0.29 0.00	61.01 -0.12 0.00	62.08 -0.25 0.00	59.51 -0.42 0.00	57.28 -0.29 0.00	57.15 -0.23 0.00	54.18 0.05 0.00	57.77 0.23 0.00	59.79 0.24 0.00	67.74 0.47 0.00	74.32 0.44 0.00	67.58 0.27 0.00	59.48 0.41 0.00	50.64 0.30 0.00	44.69 0.09 0.00	41.38 0.04 0.00
BETHLEHEM___GS1 323560	40.18 0.08 0.00	38.35 0.08 0.00	37.54 0.08 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.78 0.04 0.00	53.64 -0.27 0.00	63.96 -0.13 0.00	71.42 -0.21 0.00	61.01 -0.12 0.00	62.20 -0.12 0.00	59.69 -0.24 0.00	57.45 -0.11 0.00	57.33 -0.06 0.00	54.24 0.11 0.00	57.83 0.29 0.00	59.91 0.36 0.00	67.81 0.54 0.00	74.33 0.45 0.00	67.58 0.27 0.00	59.54 0.47 0.00	50.69 0.35 0.00	44.65 0.04 0.00	41.38 0.04 0.00
BETHLEHEM___GS2 323561	40.18 0.08 0.00	38.35 0.08 0.00	37.54 0.08 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.78 0.04 0.00	53.64 -0.27 0.00	63.96 -0.13 0.00	71.42 -0.21 0.00	61.01 -0.12 0.00	62.20 -0.12 0.00	59.69 -0.24 0.00	57.45 -0.11 0.00	57.33 -0.06 0.00	54.24 0.11 0.00	57.83 0.29 0.00	59.91 0.36 0.00	67.81 0.54 0.00	74.33 0.45 0.00	67.58 0.27 0.00	59.54 0.47 0.00	50.69 0.35 0.00	44.65 0.04 0.00	41.38 0.04 0.00
BETHLEHEM___GS3 323562	40.18 0.08 0.00	38.35 0.08 0.00	37.54 0.08 0.00	37.18 0.11 0.00	38.07 0.15 0.00	40.78 0.04 0.00	53.64 -0.27 0.00	63.96 -0.13 0.00	71.42 -0.21 0.00	61.01 -0.12 0.00	62.20 -0.12 0.00	59.69 -0.24 0.00	57.45 -0.11 0.00	57.33 -0.06 0.00	54.24 0.11 0.00	57.83 0.29 0.00	59.91 0.36 0.00	67.81 0.54 0.00	74.33 0.45 0.00	67.58 0.27 0.00	59.54 0.47 0.00	50.69 0.35 0.00	44.65 0.04 0.00	41.38 0.04 0.00
BETHLEHEM___STEEL 23779	38.29 -1.80 0.00	37.77 -0.50 0.00	36.42 -1.05 0.00	36.44 -0.63 0.00	36.74 -1.18 0.00	38.67 -2.08 0.00	50.19 -3.72 0.00	59.54 -4.55 0.00	66.02 -5.59 0.02	56.52 -4.58 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.20 -4.32 0.02	45.99 -4.88 8.67	57.85 -6.12 3.30	67.97 -5.91 0.00	61.90 -5.38 0.02	51.17 -5.26 2.64	45.88 -4.43 0.02	41.48 -3.12 0.00	39.64 -1.69 0.00
BETHLHEM_115KV_TB1 79974	40.30 0.20 0.00	38.46 0.19 0.00	37.69 0.22 0.00	37.29 0.22 0.00	38.15 0.23 0.00	40.95 0.20 0.00	53.91 0.00 0.00	64.02 -0.06 0.00	71.56 -0.07 0.00	61.19 0.06 0.00	62.27 -0.06 0.00	59.75 -0.18 0.00	57.51 -0.06 0.00	57.38 0.00 0.00	54.35 0.22 0.00	57.94 0.40 0.00	59.97 0.42 0.00	67.95 0.67 0.00	74.54 0.66 0.00	67.78 0.47 0.00	59.66 0.59 0.00	50.79 0.45 0.00	44.83 0.22 0.00	41.54 0.21 0.00
BETHPAGE_CC_5 323564	42.26 2.16 0.00	39.69 1.45 0.03	38.72 1.27 0.02	38.37 1.30 0.00	39.24 1.33 0.00	42.29 1.55 0.00	53.06 1.46 2.30	55.75 1.73 10.07	57.50 2.36 16.49	55.70 2.08 7.51	64.91 2.87 0.29	58.42 3.23 4.75	52.63 3.05 7.98	58.76 3.33 1.95	56.75 3.19 0.58	59.65 3.22 1.11	60.96 3.33 1.93	70.79 3.77 0.25	77.86 4.21 0.23	70.76 3.90 0.46	62.03 3.13 0.17	52.59 2.62 0.37	47.50 2.90 0.00	44.27 2.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.29 -1.80 0.00	37.73 -0.54 0.00	36.42 -1.05 0.00	36.40 -0.67 0.00	36.74 -1.18 0.00	38.67 -2.08 0.00	50.19 -3.72 0.00	59.60 -4.49 0.00	66.09 -5.52 0.02	56.77 -4.34 0.02	58.06 -4.24 0.02	55.59 -4.32 0.02	53.22 -4.32 0.02	53.34 -4.02 0.02	50.42 -3.68 0.02	53.54 -3.97 0.02	46.35 -4.53 8.68	58.21 -5.79 3.28	68.12 -5.76 0.00	62.17 -5.12 0.02	51.43 -5.02 2.62	46.04 -4.28 0.02	41.52 -3.08 0.00	39.68 -1.65 0.00
BINGHAMTON___COGEN 23790	40.14 0.04 0.00	38.50 0.23 0.00	37.62 0.15 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.78 0.04 0.00	53.85 -0.05 0.00	64.02 -0.06 0.00	71.70 0.07 0.00	61.26 0.12 0.00	62.45 0.12 0.00	60.05 0.12 0.00	57.62 0.06 0.00	57.56 0.17 0.00	54.40 0.27 0.00	57.71 0.17 0.00	58.81 0.24 0.98	66.63 0.07 0.71	74.10 0.22 0.00	67.58 0.27 0.00	58.62 0.12 0.57	50.39 0.05 0.00	44.65 0.04 0.00	41.54 0.21 0.00

BIXINCNT_115KV_LOAD 355685	38.21 -1.88 0.00	37.50 -0.77 0.00	36.19 -1.27 0.00	36.14 -0.93 0.00	36.51 -1.40 0.00	38.50 -2.24 0.00	50.19 -3.72 0.00	59.28 -4.81 0.00	65.66 -5.95 0.03	56.64 -4.46 0.03	57.25 -5.05 0.03	54.87 -5.03 0.03	52.59 -4.95 0.03	52.65 -4.71 0.03	49.83 -4.28 0.03	53.20 -4.32 0.03	46.19 -4.64 8.71	58.11 -5.99 3.18	67.75 -6.13 0.00	62.44 -4.85 0.03	52.28 -4.25 2.54	46.54 -3.78 0.03	41.57 -3.03 0.00	39.76 -1.57 0.00
BLACK RIVER___HYD 24047	41.38 1.28 0.00	39.57 1.30 0.00	38.63 1.16 0.00	38.26 1.19 0.00	39.09 1.18 0.00	42.25 1.51 0.00	55.96 2.05 0.00	66.65 2.57 0.00	74.93 3.30 0.00	64.62 2.69 -0.80	66.82 2.87 -1.63	67.53 2.70 -4.90	64.92 2.19 -5.17	61.06 2.24 -1.44	56.65 1.46 -1.05	60.45 1.84 -1.07	61.04 1.49 0.00	68.62 1.34 0.00	75.95 2.07 0.00	69.67 2.35 0.00	60.78 1.71 0.00	52.10 1.76 0.00	46.03 1.43 0.00	42.37 1.03 0.00
BLACKRVR_115KV_TB2 79977	41.38 1.28 0.00	39.53 1.26 0.00	38.59 1.12 0.00	38.26 1.19 0.00	39.09 1.18 0.00	42.21 1.47 0.00	55.85 1.94 0.00	66.72 2.63 0.00	75.07 3.44 0.00	64.68 2.75 -0.80	67.01 3.05 -1.63	67.65 2.82 -4.90	65.04 2.30 -5.17	61.18 2.35 -1.44	56.75 1.57 -1.05	60.57 1.96 -1.07	61.10 1.55 0.00	68.55 1.28 0.00	76.02 2.14 0.00	69.74 2.42 0.00	60.84 1.77 0.00	52.10 1.76 0.00	45.98 1.38 0.00	42.37 1.03 0.00
BLDWN_LI_69_KV_BK4 356085	42.32 2.21 -0.02	39.80 1.53 0.00	38.89 1.42 0.00	38.44 1.37 0.00	39.28 1.37 0.00	42.66 1.91 0.00	54.40 1.83 1.34	60.10 2.11 6.10	64.31 2.65 9.98	59.10 2.57 4.60	65.53 3.18 -0.02	63.30 3.36 -0.01	56.04 3.28 4.81	60.90 3.50 -0.02	57.40 3.52 0.24	60.45 3.39 0.48	62.01 3.57 1.12	71.47 4.17 -0.02	78.78 4.88 -0.02	71.24 3.90 -0.02	62.43 3.37 0.01	53.36 3.07 0.05	47.70 3.08 -0.02	44.42 3.06 -0.02
BLISS_WT_PWR 323608	38.17 -1.92 0.00	37.43 -0.84 0.00	36.46 -1.01 0.00	36.07 -1.00 0.00	36.44 -1.48 0.00	38.87 -1.87 0.00	50.94 -2.96 0.00	59.35 -4.74 0.00	65.73 -5.87 0.03	55.61 -5.50 0.03	57.07 -5.24 0.03	54.51 -5.39 0.03	52.19 -5.35 0.03	52.19 -5.16 0.03	48.74 -5.36 0.03	52.39 -5.12 0.03	45.84 -5.00 8.71	58.17 -5.92 3.18	67.38 -6.50 0.00	61.84 -5.45 0.03	52.27 -4.25 2.54	46.44 -3.88 0.03	41.75 -2.86 0.00	39.81 -1.53 0.00
BLUESTONE___WT_PWR 323821	41.38 1.28 0.00	39.61 1.34 0.00	38.74 1.27 0.00	38.40 1.33 0.00	39.17 1.25 0.00	42.17 1.43 0.00	55.79 1.89 0.00	66.46 2.37 0.00	74.65 3.01 -0.01	63.65 2.51 -0.01	65.02 2.68 -0.01	62.70 2.76 -0.01	59.88 2.30 -0.01	59.92 2.52 -0.01	56.15 2.00 -0.01	59.86 2.30 -0.01	64.77 2.38 -2.84	70.18 3.23 0.32	77.57 3.69 0.00	70.89 3.57 -0.01	61.76 2.95 0.26	52.26 1.91 -0.01	46.25 1.65 0.00	42.86 1.53 0.00
BLUE_CIRC_CHEM_DRP 24182	40.90 0.80 0.00	39.03 0.77 0.00	38.25 0.79 0.00	37.81 0.74 0.00	38.68 0.76 0.00	41.56 0.81 0.00	54.72 0.81 0.00	64.99 0.90 0.00	72.64 1.00 0.00	62.05 0.92 0.00	63.14 0.81 0.00	60.59 0.66 0.00	58.20 0.63 0.00	58.13 0.75 0.00	55.05 0.92 0.00	58.63 1.09 0.00	60.68 1.13 0.00	68.75 1.48 0.00	75.43 1.55 0.00	68.66 1.35 0.00	60.37 1.30 0.00	51.45 1.11 0.00	45.45 0.85 0.00	42.12 0.79 0.00
BOC_GAS_DRP 24189	40.66 0.56 0.00	38.73 0.46 0.00	37.95 0.49 0.00	37.55 0.48 0.00	38.41 0.49 0.00	41.27 0.53 0.00	54.39 0.49 0.00	64.60 0.51 0.00	72.21 0.57 0.00	61.74 0.61 0.00	62.83 0.50 0.00	60.35 0.42 0.00	58.08 0.52 0.00	57.96 0.57 0.00	54.89 0.76 0.00	58.40 0.86 0.00	60.44 0.89 0.00	68.42 1.14 0.00	75.14 1.26 0.00	68.39 1.08 0.00	60.07 1.00 0.00	51.19 0.86 0.00	45.27 0.67 0.00	41.91 0.58 0.00
BOONVILLE_115KV_TB1 79983	41.02 0.92 0.00	39.15 0.88 0.00	38.25 0.79 0.00	37.89 0.82 0.00	38.75 0.83 0.00	41.76 1.02 0.00	55.26 1.35 0.00	65.82 1.73 0.00	73.64 2.01 0.00	62.84 1.71 0.00	64.47 2.12 -0.02	64.42 2.04 -2.45	62.02 1.73 -2.73	59.19 1.78 -0.02	55.43 1.30 0.00	58.92 1.38 0.00	60.86 1.31 0.00	68.35 1.08 0.00	75.43 1.55 0.00	68.93 1.62 0.00	60.31 1.24 0.00	51.50 1.16 0.00	45.54 0.94 0.00	42.04 0.70 0.00
BORALEX_4TH_BRANCH 23824	41.78 1.68 0.00	39.65 1.38 0.00	38.89 1.42 0.00	38.52 1.45 0.00	39.55 1.63 0.00	42.58 1.83 0.00	56.06 2.16 0.00	66.33 2.24 0.00	73.71 2.08 0.00	63.15 2.02 0.00	63.89 1.56 0.00	60.89 0.96 0.00	58.60 1.04 0.00	58.36 0.98 0.00	55.59 1.46 0.00	59.73 2.19 0.00	61.87 2.32 0.00	70.64 3.36 0.00	77.50 3.62 0.00	70.48 3.16 0.00	61.96 2.89 0.00	52.55 2.21 0.00	46.16 1.56 0.00	42.86 1.53 0.00
BOWLINE___1 23526	42.10 2.00 0.00	39.84 1.57 0.00	38.89 1.42 0.00	38.52 1.44 0.00	39.32 1.40 0.00	42.41 1.67 0.00	56.12 2.21 0.00	66.84 2.75 0.00	75.07 3.44 0.00	64.13 2.99 0.00	65.57 3.24 0.00	63.35 3.41 0.00	61.19 3.63 0.00	61.11 3.73 0.00	57.81 3.68 0.00	61.17 3.63 0.00	63.48 3.93 0.00	71.58 4.31 0.00	78.46 4.58 0.00	71.28 3.97 0.00	62.79 3.72 0.00	53.51 3.17 0.00	47.46 2.86 0.00	43.69 2.35 0.00
BOWLINE___2 23595	42.10 2.00 0.00	39.80 1.53 0.00	38.89 1.42 0.00	38.52 1.44 0.00	39.32 1.40 0.00	42.37 1.63 0.00	56.12 2.21 0.00	66.84 2.75 0.00	75.00 3.37 0.00	64.13 2.99 0.00	65.57 3.24 0.00	63.35 3.41 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.81 3.68 0.00	61.17 3.63 0.00	63.42 3.87 0.00	71.58 4.31 0.00	78.39 4.51 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.51 3.17 0.00	47.41 2.81 0.00	43.69 2.35 0.00
BRADY___115KV_TB2 356060	41.34 1.24 0.00	39.53 1.26 0.00	38.70 1.24 0.00	38.22 1.15 0.00	39.21 1.29 0.00	42.17 1.43 0.00	56.01 2.10 0.00	66.46 2.37 0.00	74.14 2.51 0.00	63.15 2.02 0.00	64.54 1.99 -0.22	85.53 2.10 -23.50	85.73 1.96 -26.20	59.33 1.72 -0.22	55.37 1.24 0.00	58.98 1.44 0.00	61.04 1.49 0.00	68.69 1.41 0.00	75.36 1.48 0.00	69.00 1.68 0.00	60.43 1.36 0.00	51.75 1.41 0.00	45.90 1.29 0.00	42.37 1.03 0.00
BRANSCOMB___SOLAR 323811	41.58 1.48 0.00	39.61 1.34 0.00	38.74 1.27 0.00	38.33 1.26 0.00	39.28 1.36 0.00	42.25 1.51 0.00	55.63 1.72 0.00	66.39 2.30 0.00	73.78 2.15 0.00	62.97 1.83 0.00	64.26 1.93 0.00	61.55 1.62 0.00	59.12 1.55 0.00	58.99 1.60 0.00	55.70 1.57 0.00	59.55 2.01 0.00	61.69 2.14 0.00	70.03 2.76 0.00	76.69 2.81 0.00	69.73 2.42 0.00	61.49 2.42 0.00	52.30 1.96 0.00	46.07 1.47 0.00	42.70 1.36 0.00
BRDGHMPT_69_KV_BK1 55812	41.54 1.44 0.00	37.29 0.46 1.44	37.13 0.37 0.71	37.52 0.44 0.00	38.45 0.53 0.00	42.09 1.34 0.00	46.25 0.32 7.99	47.74 0.38 16.73	43.47 0.64 28.81	52.47 0.98 9.64	51.16 1.43 12.60	49.74 1.56 11.75	43.68 1.44 15.32	49.80 1.66 9.25	47.54 1.79 8.37	44.57 1.78 14.76	54.78 2.02 6.79	58.53 2.29 11.03	66.60 2.73 10.01	49.09 1.75 19.97	54.04 1.59 6.63	51.01 1.41 0.74	46.20 1.61 0.00	43.27 1.94 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.38 2.29 0.00	39.74 1.61 0.13	38.90 1.50 0.07	38.44 1.37 0.00	39.32 1.40 0.00	42.78 2.04 0.00	52.51 1.78 3.18	53.59 2.18 12.67	53.50 2.72 20.85	53.58 1.71 9.27	64.32 3.18 1.18	56.12 3.36 7.17	50.60 3.22 10.19	57.60 3.44 3.22	56.37 3.46 1.22	58.62 3.34 2.26	60.40 3.51 2.67	70.34 4.10 1.04	77.74 4.80 0.94	69.28 3.84 1.87	61.68 3.25 0.63	52.48 2.67 0.53	47.68 3.08 0.00	44.47 3.14 0.00
BRISTLHL_115KV_TB1 79998	39.34 -0.76 0.00	37.58 -0.69 0.00	36.75 -0.71 0.00	36.40 -0.67 0.00	37.20 -0.72 0.00	39.93 -0.81 0.00	52.83 -1.08 0.00	62.93 -1.15 0.00	70.56 -1.07 0.00	61.84 -1.04 -1.74	64.88 -0.93 -3.48	62.33 -0.96 -3.35	59.64 -1.04 -3.11	59.49 -0.98 -3.08	55.51 -0.92 -2.30	58.85 -1.04 -2.35	58.42 -1.13 0.00	66.00 -1.28 0.00	72.70 -1.18 0.00	66.24 -1.08 0.00	58.07 -1.00 0.00	49.38 -0.96 0.00	43.75 -0.85 0.00	40.63 -0.70 0.00
BROOKHAVEN___DRP 24191	41.46 1.36 0.00	37.33 0.50 1.44	37.21 0.45 0.71	37.55 0.48 0.00	38.45 0.53 0.00	41.97 1.22 0.00	46.24 0.32 7.99	47.73 0.38 16.75	43.51 0.72 28.83	52.53 1.04 9.64	51.02 1.31 12.61	49.67 1.50 11.76	43.72 1.50 15.34	49.85 1.72 9.25	47.59 1.84 8.38	44.55 1.78 14.77	54.72 1.97 6.80	58.52 2.29 11.04	66.59 2.73 10.02	49.20 1.88 19.99	54.09 1.65 6.63	51.16 1.56 0.74	46.47 1.87 0.00	43.36 2.03 0.00
BROOKLYN_NAVY_YARD 23515	42.50 2.41 0.00	40.18 1.91 0.00	39.15 1.69 0.00	38.78 1.71 0.00	39.63 1.71 0.00	42.70 1.96 0.00	56.60 2.69 0.00	67.29 3.20 0.00	75.71 4.08 0.00	64.80 3.67 0.00	66.26 3.93 0.00	64.19 4.26 0.00	62.00 4.43 0.00	61.98 4.59 0.00	58.62 4.49 0.00	61.97 4.43 0.00	64.25 4.70 0.00	72.38 5.11 0.00	79.20 5.32 0.00	71.89 4.58 0.00	63.38 4.31 0.00	54.16 3.82 0.00	48.04 3.43 0.00	44.18 2.85 0.00
BROOKLYN___ARMY_DRP 323595	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
BROOME_2_LFGE 323671	40.14 0.04 0.00	38.46 0.19 0.00	37.65 0.19 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.82 0.08 0.00	54.02 0.11 0.00	64.09 0.00 0.00	71.78 0.14 0.00	61.19 0.06 0.00	62.52 0.19 0.00	60.11 0.18 0.00	57.68 0.12 0.00	57.61 0.23 0.00	54.29 0.16 0.00	57.77 0.23 0.00	58.87 0.30 0.98	66.77 0.20 0.71	74.18 0.30 0.00	67.58 0.27 0.00	58.68 0.18 0.57	50.39 0.05 0.00	44.69 0.09 0.00	41.54 0.21 0.00
BROOME___LFGE 323600	40.14 0.04 0.00	38.46 0.19 0.00	37.65 0.19 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.82 0.08 0.00	54.02 0.11 0.00	64.09 0.00 0.00	71.78 0.14 0.00	61.19 0.06 0.00	62.52 0.19 0.00	60.11 0.18 0.00	57.68 0.12 0.00	57.61 0.23 0.00	54.29 0.16 0.00	57.77 0.23 0.00	58.87 0.30 0.98	66.77 0.20 0.71	74.18 0.30 0.00	67.58 0.27 0.00	58.68 0.18 0.57	50.39 0.05 0.00	44.69 0.09 0.00	41.54 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.94 1.02 0.00	41.97 1.22 0.00	55.53 1.62 0.00	66.14 2.05 0.00	73.78 2.15 0.00	63.29 1.96 -0.20	65.14 2.31 -0.51	73.57 2.28 -11.36	72.18 2.01 -12.60	59.68 1.84 -0.46	55.59 1.19 -0.27	59.14 1.32 -0.27	60.56 1.01 0.00	67.74 0.47 0.00	74.62 0.74 0.00	68.32 1.01 0.00	59.78 0.71 0.00	51.45 1.11 0.00	45.63 1.03 0.00	42.04 0.70 0.00
BROWNSV1_27_KV_LOAD 356125	42.82 2.73 0.00	40.53 2.26 0.00	39.56 2.10 0.00	39.07 2.00 0.00	39.89 1.97 0.00	43.15 2.40 0.00	57.03 3.13 0.00	67.81 3.72 0.00	76.15 4.51 0.00	65.29 4.16 0.00	66.69 4.36 0.00	64.43 4.49 0.00	62.29 4.72 0.00	62.26 4.88 0.00	58.95 4.82 0.00	62.26 4.72 0.00	64.55 5.00 0.00	72.86 5.58 0.00	79.94 6.06 0.00	72.36 5.05 0.00	63.74 4.67 0.00	54.57 4.23 0.00	48.35 3.75 0.00	44.60 3.27 0.00
BURROWS___LYONSDAL 23803	41.02 0.92 0.00	39.11 0.84 0.00	38.22 0.75 0.00	37.85 0.78 0.00	38.71 0.80 0.00	41.72 0.98 0.00	55.26 1.35 0.00	65.82 1.73 0.00	73.64 2.01 0.00	62.84 1.71 0.00	64.48 2.12 -0.03	65.19 2.04 -3.22	62.88 1.73 -3.59	59.19 1.78 -0.03	55.37 1.24 0.00	58.80 1.27 0.00	60.68 1.13 0.00	68.15 0.87 0.00	75.21 1.33 0.00	68.73 1.41 0.00	60.13 1.06 0.00	51.40 1.06 0.00	45.45 0.85 0.00	41.95 0.62 0.00
CAITHNESS_CC_1 323624	41.50 1.40 0.00	37.41 0.57 1.44	37.13 0.37 0.71	37.59 0.52 0.00	38.49 0.57 0.00	41.48 0.73 0.00	46.18 0.27 8.00	47.78 0.45 16.76	43.70 0.93 28.86	52.52 1.04 9.65	51.19 1.49 12.63	50.02 1.86 11.77	44.00 1.79 15.35	50.13 2.01 9.26	47.74 2.00 8.39	44.77 2.01 14.79	54.83 2.08 6.80	58.57 2.35 11.05	66.50 2.66 10.03	49.79 2.49 20.01	54.32 1.89 6.64	51.16 1.56 0.74	46.56 1.96 0.00	43.40 2.07 0.00
CALPINE BETH_PAGE_GT4 24209	42.27 2.17 0.00	39.76 1.49 0.00	38.85 1.39 0.00	38.41 1.33 0.00	39.25 1.33 0.00	42.66 1.91 0.00	53.62 1.67 1.96	57.06 1.92 8.95	59.43 2.44 14.64	56.77 2.38 6.74	65.33 2.99 -0.01	59.38 3.18 3.73	53.62 3.11 7.06	59.27 3.33 1.44	57.13 3.36 0.35	60.00 3.16 0.71	61.31 3.39 1.64	71.18 3.90 -0.01	78.39 4.51 -0.01	70.89 3.57 -0.01	62.13 3.07 0.01	52.96 2.92 0.30	47.60 2.99 -0.01	44.36 3.02 -0.01
CALPINE_BETH_PAGE_GT_4 323586	42.27 2.16 0.00	39.76 1.49 0.00	38.74 1.27 0.00	38.40 1.33 0.00	39.24 1.33 0.00	42.33 1.59 0.00	53.57 1.62 1.96	57.12 1.99 8.95	59.57 2.58 14.64	56.71 2.32 6.74	65.45 3.12 -0.01	59.68 3.47 3.73	53.79 3.28 7.06	59.50 3.56 1.44	57.19 3.41 0.35	60.22 3.39 0.71	61.49 3.57 1.64	71.32 4.04 -0.01	78.39 4.51 -0.01	71.49 4.17 -0.01	62.36 3.31 0.01	52.81 2.77 0.30	47.60 2.99 -0.01	44.32 2.98 -0.01
CALPINE_BP_GT1 23823	42.27 2.16 0.00	39.76 1.49 0.00	38.74 1.27 0.00	38.40 1.33 0.00	39.24 1.33 0.00	42.33 1.59 0.00	53.57 1.62 1.96	57.12 1.99 8.95	59.57 2.58 14.64	56.71 2.32 6.74	65.45 3.12 -0.01	59.68 3.47 3.73	53.79 3.28 7.06	59.50 3.56 1.44	57.19 3.41 0.35	60.22 3.39 0.71	61.49 3.57 1.64	71.32 4.04 -0.01	78.39 4.51 -0.01	71.49 4.17 -0.01	62.36 3.31 0.01	52.81 2.77 0.30	47.60 2.99 -0.01	44.32 2.98 -0.01
CALSPAN___DRP 24200	38.29 -1.80 0.00	37.77 -0.50 0.00	36.42 -1.05 0.00	36.44 -0.63 0.00	36.74 -1.18 0.00	38.67 -2.08 0.00	50.19 -3.72 0.00	59.54 -4.55 0.00	66.02 -5.59 0.00	56.52 -4.58 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.20 -4.32 0.02	45.99 -4.88 8.67	57.85 -6.12 3.30	67.97 -5.91 0.00	61.90 -5.38 0.02	51.17 -5.26 2.64	45.88 -4.43 0.02	41.48 -3.12 0.00	39.64 -1.69 0.00

CALVERTON___SOLAR 323806	41.46 1.36 0.00	37.29 0.46 1.44	37.05 0.30 0.71	37.52 0.45 0.00	38.41 0.49 0.00	41.44 0.69 0.00	46.13 0.22 7.99	47.73 0.39 16.75	43.59 0.79 28.83	52.53 1.04 9.64	51.08 1.37 12.62	49.91 1.74 11.76	43.84 1.61 15.34	50.02 1.89 9.25	47.64 1.89 8.38	44.78 2.01 14.77	54.89 2.14 6.80	58.72 2.49 11.04	66.59 2.74 10.03	49.73 2.42 20.00	54.38 1.95 6.63	51.11 1.51 0.74	46.47 1.87 0.00	43.27 1.94 0.00
CANDIGU_WT_PWR 323617	38.53 -1.56 0.00	37.62 -0.65 0.00	36.75 -0.71 0.00	36.37 -0.71 0.00	36.74 -1.18 0.00	39.32 -1.43 0.00	51.65 -2.26 0.00	60.50 -3.59 0.00	67.36 -4.23 0.04	57.05 -4.04 0.04	58.29 -3.99 0.04	55.81 -4.08 0.04	53.32 -4.20 0.04	53.27 -4.07 0.04	50.08 -4.00 0.04	53.35 -4.14 0.04	36.83 -4.11 18.61	54.70 -4.44 8.13	69.59 -4.29 0.00	63.44 -3.83 0.04	48.91 -3.66 6.50	47.13 -3.17 0.04	42.33 -2.27 0.00	40.10 -1.24 0.00
CARR STREET_E_SYR 24060	39.50 -0.60 0.00	37.77 -0.50 0.00	36.98 -0.49 0.00	36.59 -0.48 0.00	37.39 -0.53 0.00	40.17 -0.57 0.00	53.21 -0.70 0.00	63.25 -0.83 0.00	70.92 -0.72 0.00	60.52 -0.61 0.00	61.70 -0.62 0.00	59.33 -0.60 0.00	56.88 -0.69 0.00	56.81 -0.57 0.00	53.59 -0.54 0.00	56.91 -0.63 0.00	58.84 -0.71 0.00	66.47 -0.80 0.00	73.14 -0.74 0.00	66.64 -0.67 0.00	58.36 -0.71 0.00	49.63 -0.70 0.00	43.98 -0.62 0.00	40.80 -0.54 0.00
CARTHAGE___PAPER 23857	41.30 1.20 0.00	39.42 1.15 0.00	38.48 1.01 0.00	38.11 1.04 0.00	38.98 1.06 0.00	42.13 1.39 0.00	55.74 1.83 0.00	66.39 2.30 0.00	73.57 1.93 0.00	63.01 1.59 -0.29	65.02 2.05 -0.64	68.71 1.86 -6.92	66.67 1.49 -7.61	59.45 1.49 -0.57	55.37 0.86 -0.38	58.85 0.92 -0.39	60.74 1.19 0.00	68.28 1.01 0.00	75.43 1.55 0.00	69.13 1.82 0.00	60.43 1.36 0.00	51.80 1.46 0.00	45.81 1.20 0.00	42.20 0.87 0.00
CASSADAGA_WT_PWR 323784	38.42 -1.68 0.00	37.73 -0.54 0.00	36.83 -0.64 0.00	36.40 -0.67 0.00	36.63 -1.29 0.00	38.99 -1.75 0.00	51.16 -2.75 0.00	59.67 -4.42 0.00	65.66 -5.94 0.03	55.91 -5.20 0.03	57.50 -4.80 0.03	55.05 -4.85 0.03	52.82 -4.72 0.03	53.00 -4.36 0.03	49.72 -4.38 0.03	53.14 -4.38 0.03	46.56 -4.41 8.58	58.87 -5.25 3.15	69.15 -4.73 0.00	63.18 -4.11 0.03	52.24 -4.31 2.52	46.64 -3.67 0.03	42.24 -2.37 0.00	40.10 -1.24 0.00
CE_DUNWOOD___DRP 24194	42.26 2.17 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.43 1.52 0.00	42.66 1.91 0.00	56.28 2.37 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.37 3.24 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.25 3.68 0.00	61.23 3.84 0.00	57.97 3.84 0.00	61.28 3.74 0.00	63.48 3.93 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.42 4.11 0.00	62.79 3.72 0.00	53.71 3.37 0.00	47.59 2.99 0.00	43.94 2.60 0.00
CE_MILLWOOD___DRP 24193	42.18 2.09 0.00	39.91 1.65 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.58 1.83 0.00	56.23 2.32 0.00	66.84 2.76 0.00	75.00 3.37 0.00	64.25 3.12 0.00	65.63 3.30 0.00	63.29 3.36 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.86 3.73 0.00	61.16 3.62 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.50 2.90 0.00	43.86 2.52 0.00
CE_NYC2_DRP 24202	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.77 1.86 0.00	42.98 2.24 0.00	56.60 2.70 0.00	66.91 2.82 0.00	75.14 3.51 0.00	64.37 3.24 0.00	65.76 3.43 0.00	63.47 3.54 0.00	61.48 3.91 0.00	61.46 4.07 0.00	58.24 4.11 0.00	61.39 3.86 0.00	63.66 4.11 0.00	71.85 4.57 0.00	78.83 4.95 0.00	71.42 4.11 0.00	62.85 3.78 0.00	54.01 3.67 0.00	48.08 3.48 0.00	44.39 3.06 0.00
CE_NYC_DRP 24195	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.32 3.99 0.00	64.07 4.14 0.00	61.94 4.37 0.00	61.92 4.53 0.00	58.68 4.55 0.00	61.91 4.37 0.00	64.19 4.64 0.00	72.45 5.18 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.08 3.48 0.00	44.35 3.02 0.00
CHAFFEE___LFGE 323603	38.33 -1.76 0.00	37.73 -0.54 0.00	36.83 -0.64 0.00	36.44 -0.63 0.00	36.74 -1.18 0.00	39.28 -1.47 0.00	51.32 -2.59 0.00	60.05 -4.04 0.00	66.52 -5.08 0.02	56.71 -4.40 0.02	58.13 -4.18 0.02	55.59 -4.32 0.02	53.28 -4.26 0.02	53.40 -3.96 0.02	50.10 -4.00 0.02	53.43 -4.08 0.02	46.39 -4.47 8.69	58.58 -5.45 3.24	68.78 -5.10 0.00	62.51 -4.78 0.02	51.52 -4.96 2.59	46.04 -4.28 0.02	41.75 -2.86 0.00	39.72 -1.61 0.00
CHATEAUG_35_KV_LOAD 355732	40.70 0.60 0.00	38.88 0.61 0.00	38.10 0.64 0.00	37.59 0.52 0.00	38.56 0.64 0.00	41.35 0.61 0.00	54.93 1.02 0.00	65.18 1.09 0.00	72.78 1.15 0.00	61.99 0.86 0.00	63.15 0.81 -0.01	62.14 0.84 -1.37	59.84 0.75 -1.53	57.74 0.34 -0.01	54.07 -0.05 0.00	57.54 0.00 0.00	59.55 0.00 0.00	67.14 -0.13 0.00	73.36 -0.52 0.00	67.04 -0.27 0.00	58.83 -0.24 0.00	50.34 0.00 0.00	44.65 0.04 0.00	41.21 -0.12 0.00
CHATEAUG_WT_PWR 323614	40.62 0.52 0.00	38.80 0.54 0.00	37.99 0.52 0.00	37.55 0.48 0.00	38.49 0.57 0.00	41.23 0.49 0.00	54.34 0.43 0.00	64.35 0.26 0.00	71.99 0.36 0.00	61.38 0.25 0.00	62.58 0.25 0.00	60.17 0.24 0.00	57.74 0.17 0.00	57.21 -0.17 0.00	53.81 -0.32 0.00	56.96 -0.58 0.00	58.90 -0.65 0.00	66.40 -0.88 0.00	72.62 -1.26 0.00	66.30 -1.01 0.00	58.30 -0.77 0.00	50.04 -0.30 0.00	44.56 -0.04 0.00	41.17 -0.16 0.00
CHAT_HIGH_FALL_HYD 323578	40.70 0.60 0.00	38.88 0.61 0.00	38.10 0.64 0.00	37.59 0.52 0.00	38.56 0.64 0.00	41.35 0.61 0.00	54.93 1.02 0.00	65.18 1.09 0.00	72.78 1.15 0.00	61.99 0.86 0.00	63.15 0.81 -0.01	62.14 0.84 -1.37	59.84 0.75 -1.53	57.74 0.34 -0.01	54.07 -0.05 0.00	57.54 0.00 0.00	59.55 0.00 0.00	67.14 -0.13 0.00	73.36 -0.52 0.00	67.04 -0.27 0.00	58.83 -0.24 0.00	50.34 0.00 0.00	44.65 0.04 0.00	41.21 -0.12 0.00
CHAUTAUQUA___LFGE 323629	38.42 -1.68 0.00	37.81 -0.46 0.00	36.90 -0.56 0.00	36.48 -0.59 0.00	36.74 -1.18 0.00	39.19 -1.55 0.00	51.38 -2.53 0.00	60.05 -4.04 0.00	66.38 -5.23 0.02	56.46 -4.65 0.02	57.76 -4.55 0.02	55.29 -4.61 0.02	52.93 -4.61 0.02	53.11 -4.25 0.02	49.94 -4.17 0.02	53.20 -4.32 0.02	46.49 -4.53 8.54	58.72 -5.38 3.17	69.23 -4.65 0.00	63.05 -4.24 0.02	51.93 -4.61 2.54	46.39 -3.93 0.02	42.06 -2.54 0.00	39.97 -1.36 0.00
CHERRYST_13_KV_LD 356241	42.70 2.61 0.00	40.37 2.10 0.00	39.45 1.99 0.00	38.96 1.89 0.00	39.78 1.86 0.00	43.02 2.28 0.00	56.87 2.96 0.00	67.61 3.52 0.00	76.00 4.37 0.00	65.17 4.03 0.00	66.50 4.18 0.00	64.25 4.32 0.00	62.11 4.55 0.00	62.09 4.71 0.00	58.84 4.71 0.00	62.14 4.60 0.00	64.37 4.82 0.00	72.66 5.38 0.00	79.64 5.76 0.00	72.16 4.85 0.00	63.50 4.43 0.00	54.37 4.03 0.00	48.17 3.57 0.00	44.43 3.10 0.00

CHESTROR_138KV_BK263 355645	41.98 1.88 0.00	39.76 1.49 0.00	38.93 1.46 0.00	38.48 1.41 0.00	39.28 1.37 0.00	42.41 1.67 0.00	56.01 2.10 0.00	66.59 2.50 0.00	74.64 3.01 0.00	63.88 2.75 0.00	65.13 2.80 0.00	62.81 2.88 0.00	60.62 3.05 0.00	60.60 3.21 0.00	57.38 3.25 0.00	60.70 3.16 0.00	62.88 3.33 0.00	71.11 3.83 0.00	78.09 4.21 0.00	70.81 3.50 0.00	62.32 3.25 0.00	53.26 2.92 0.00	47.19 2.59 0.00	43.57 2.23 0.00
CH_MIDHUDSON___DRP 24192	42.02 1.92 0.00	39.80 1.53 0.00	38.96 1.50 0.00	38.48 1.41 0.00	39.32 1.40 0.00	42.45 1.71 0.00	56.01 2.10 0.00	66.59 2.50 0.00	74.64 3.01 0.00	63.88 2.75 0.00	65.19 2.87 0.00	62.81 2.88 0.00	60.62 3.05 0.00	60.60 3.21 0.00	57.38 3.25 0.00	60.70 3.16 0.00	62.88 3.33 0.00	71.11 3.83 0.00	78.09 4.21 0.00	70.81 3.50 0.00	62.32 3.25 0.00	53.26 2.92 0.00	47.14 2.54 0.00	43.53 2.19 0.00
CH_MISC_IPPS 23765	42.26 2.16 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.58 1.84 0.00	56.34 2.43 0.00	67.16 3.08 0.00	75.28 3.65 0.00	64.31 3.18 0.00	65.75 3.43 0.00	63.47 3.54 0.00	61.19 3.63 0.00	61.23 3.85 0.00	57.81 3.68 0.00	61.22 3.69 0.00	63.42 3.87 0.00	71.64 4.37 0.00	78.54 4.66 0.00	71.35 4.04 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.46 2.86 0.00	43.73 2.40 0.00
CH_RES_BVR_FALLS 23983	39.82 -0.28 0.00	37.96 -0.31 0.00	37.21 -0.26 0.00	36.81 -0.26 0.00	37.69 -0.23 0.00	40.54 -0.20 0.00	53.69 -0.21 0.00	63.77 -0.32 0.00	71.28 -0.36 0.00	60.83 -0.30 0.00	61.96 -0.37 0.00	59.57 -0.36 0.00	57.16 -0.40 0.00	56.92 -0.46 0.00	53.53 -0.59 0.00	56.85 -0.69 0.00	58.77 -0.78 0.00	66.40 -0.88 0.00	72.85 -1.03 0.00	66.44 -0.88 0.00	58.24 -0.83 0.00	49.74 -0.60 0.00	44.11 -0.49 0.00	40.88 -0.45 0.00
CH_RES_NIAGARA 23895	37.45 -2.65 0.00	37.04 -1.22 0.00	35.67 -1.80 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	37.85 -2.89 0.00	48.68 -5.23 0.00	57.94 -6.15 0.00	64.23 -7.38 0.02	54.26 -6.85 0.02	55.82 -6.48 0.02	53.08 -6.83 0.02	50.69 -6.85 0.02	50.88 -6.48 0.02	47.94 -6.17 0.02	50.56 -6.96 0.02	44.62 -7.21 7.73	55.11 -9.22 2.95	65.31 -8.57 0.00	59.15 -8.14 0.02	48.81 -7.92 2.35	43.97 -6.34 0.02	40.28 -4.33 0.00	38.44 -2.89 0.00
CH_RES_SYRACUSE 23985	39.74 -0.36 0.00	37.96 -0.31 0.00	37.16 -0.30 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.38 -0.37 0.00	53.53 -0.37 0.00	63.64 -0.45 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.32 -0.25 -1.24	60.95 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.79 -0.16 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.87 -0.40 0.00	73.51 -0.37 0.00	67.04 -0.27 0.00	58.72 -0.35 0.00	49.99 -0.35 0.00	44.24 -0.36 0.00	41.05 -0.29 0.00
CLINTON_WT_PWR 323605	40.62 0.52 0.00	38.80 0.54 0.00	37.99 0.52 0.00	37.55 0.48 0.00	38.49 0.57 0.00	41.23 0.49 0.00	54.34 0.43 0.00	64.35 0.26 0.00	71.99 0.36 0.00	61.38 0.25 0.00	62.58 0.25 0.00	60.17 0.24 0.00	57.74 0.17 0.00	57.21 -0.17 0.00	53.81 -0.32 0.00	56.96 -0.58 0.00	58.90 -0.65 0.00	66.40 -0.88 0.00	72.62 -1.26 0.00	66.30 -1.01 0.00	58.30 -0.77 0.00	50.04 -0.30 0.00	44.56 -0.04 0.00	41.17 -0.16 0.00
CLINTON___LFGE 323618	41.14 1.04 0.00	39.34 1.07 0.00	38.51 1.05 0.00	38.00 0.93 0.00	39.02 1.10 0.00	41.68 0.94 0.00	54.77 0.86 0.00	64.66 0.58 0.00	72.42 0.79 0.00	61.68 0.55 0.00	62.82 0.50 0.00	60.41 0.48 0.00	57.97 0.41 0.00	57.38 0.00 0.00	54.02 -0.11 0.00	57.14 -0.40 0.00	59.07 -0.48 0.00	66.67 -0.61 0.00	72.92 -0.96 0.00	66.64 -0.67 0.00	58.66 -0.41 0.00	50.49 0.15 0.00	45.00 0.40 0.00	41.58 0.25 0.00
COBBLENY_34_KV_TB1 80064	38.33 -1.76 0.00	37.77 -0.50 0.00	36.45 -1.01 0.00	36.44 -0.63 0.00	36.74 -1.18 0.00	38.75 -2.00 0.00	50.30 -3.61 0.00	59.79 -4.29 0.00	66.31 -5.30 0.02	56.83 -4.28 0.02	58.19 -4.11 0.02	55.65 -4.26 0.02	53.28 -4.26 0.02	53.46 -3.90 0.02	50.48 -3.63 0.02	53.54 -3.97 0.02	46.39 -4.47 8.69	58.31 -5.72 3.24	68.27 -5.61 0.00	62.24 -5.05 0.02	51.51 -4.96 2.59	46.09 -4.23 0.02	41.57 -3.03 0.00	39.68 -1.65 0.00
COFFEEN___115KV_TB3 355620	41.58 1.48 0.00	39.72 1.45 0.00	38.74 1.27 0.00	38.44 1.37 0.00	39.25 1.33 0.00	42.41 1.67 0.00	56.17 2.26 0.00	67.10 3.01 0.00	75.50 3.87 0.00	65.01 3.06 -0.82	67.29 3.30 -1.66	67.82 3.06 -4.83	65.13 2.48 -5.09	61.38 2.52 -1.47	56.94 1.73 -1.08	60.77 2.13 -1.10	61.40 1.85 0.00	68.89 1.61 0.00	76.47 2.59 0.00	70.14 2.83 0.00	61.25 2.19 0.00	52.40 2.06 0.00	46.25 1.65 0.00	42.57 1.24 0.00
COLDSPRG_115KV_BK1 355956	38.65 -1.44 0.00	37.96 -0.31 0.00	36.72 -0.75 0.00	36.66 -0.41 0.00	36.89 -1.02 0.00	39.03 -1.71 0.00	51.11 -2.80 0.00	60.50 -3.59 0.00	66.88 -4.73 0.03	57.93 -3.18 0.03	59.00 -3.30 0.03	56.73 -3.18 0.03	54.49 -3.05 0.03	54.60 -2.75 0.03	51.67 -2.44 0.03	55.04 -2.47 0.03	48.21 -2.68 8.66	60.32 -3.83 3.12	69.96 -3.92 0.00	64.19 -3.10 0.03	53.33 -3.25 2.49	47.34 -2.97 0.03	42.24 -2.36 0.00	40.26 -1.07 0.00
COLONIE_LFGE___ 323577	41.30 1.20 0.00	39.30 1.03 0.00	38.48 1.01 0.00	38.11 1.04 0.00	39.02 1.10 0.00	41.93 1.18 0.00	55.20 1.29 0.00	65.82 1.73 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.76 1.43 0.00	61.01 1.08 0.00	58.66 1.09 0.00	58.53 1.15 0.00	55.37 1.25 0.00	59.26 1.72 0.00	61.40 1.85 0.00	69.69 2.42 0.00	76.31 2.43 0.00	69.40 2.09 0.00	61.14 2.07 0.00	52.00 1.66 0.00	45.72 1.12 0.00	42.41 1.07 0.00
COOPERNY_115KV_TB1 80082	41.54 1.44 0.00	39.46 1.19 0.00	38.63 1.16 0.00	38.22 1.15 0.00	39.02 1.10 0.00	42.09 1.34 0.00	55.53 1.62 0.00	66.08 1.99 0.00	74.00 2.36 0.00	63.33 2.20 0.00	64.57 2.24 0.00	62.21 2.28 0.00	59.92 2.36 0.00	59.91 2.52 0.00	56.67 2.54 0.00	60.01 2.47 0.00	62.17 2.62 0.00	70.23 2.96 0.00	77.13 3.25 0.00	70.14 2.83 0.00	61.61 2.54 0.00	52.60 2.27 0.00	46.61 2.01 0.00	43.07 1.74 0.00
COPENHAGEN_WT_PWR 323753	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.07 1.00 0.00	38.90 0.98 0.00	42.05 1.30 0.00	55.63 1.72 0.00	66.27 2.18 0.00	74.50 2.87 0.00	64.30 2.32 -0.85	66.54 2.50 -1.72	66.91 2.28 -4.70	64.35 1.84 -4.94	60.80 1.89 -1.53	56.49 1.25 -1.12	60.23 1.55 -1.14	60.74 1.19 0.00	68.35 1.07 0.00	75.58 1.70 0.00	69.27 1.95 0.00	60.48 1.42 0.00	51.85 1.51 0.00	45.81 1.20 0.00	42.20 0.87 0.00
CORNELL_____ 23752	40.58 0.48 0.00	38.84 0.57 0.00	37.95 0.49 0.00	37.63 0.56 0.00	38.41 0.49 0.00	41.19 0.45 0.00	54.56 0.65 0.00	64.99 0.90 0.00	72.93 1.22 -0.08	62.13 0.92 -0.08	63.28 0.87 -0.08	60.80 0.78 -0.08	58.22 0.58 -0.08	58.16 0.69 -0.08	54.92 0.70 -0.08	58.37 0.75 -0.08	80.58 0.83 -20.19	68.75 0.94 -0.53	75.14 1.26 0.00	68.67 1.28 -0.08	60.49 1.00 -0.42	51.18 0.76 -0.08	45.18 0.58 0.00	42.00 0.66 0.00

CORONA V_69_KV_TB1 355595	42.34 2.21 -0.04	39.88 1.61 0.00	38.96 1.50 0.00	38.52 1.45 0.00	39.36 1.44 0.00	42.70 1.96 0.00	55.58 1.94 0.27	65.18 2.31 1.21	72.52 2.87 1.98	63.03 2.81 0.91	65.81 3.43 -0.05	69.35 3.60 -5.82	60.12 3.51 0.96	63.35 3.67 -2.29	57.76 3.68 0.05	61.01 3.57 0.10	63.08 3.75 0.23	71.63 4.31 -0.05	78.88 4.95 -0.05	71.40 4.04 -0.05	62.55 3.49 0.01	53.91 3.22 -0.35	47.78 3.12 -0.05	44.44 3.06 -0.05
CORTLAND_115KV_TB3 80093	40.38 0.28 0.00	38.57 0.31 0.00	37.73 0.26 0.00	37.37 0.30 0.00	38.18 0.27 0.00	41.03 0.29 0.00	54.29 0.38 0.00	64.67 0.58 0.00	72.52 0.86 -0.02	61.83 0.67 -0.02	63.04 0.69 -0.02	60.61 0.66 -0.02	58.11 0.52 -0.02	58.04 0.63 -0.02	54.75 0.60 -0.02	58.14 0.58 -0.02	66.07 0.66 -5.86	67.91 0.61 -0.03	74.77 0.89 0.00	68.21 0.88 -0.02	59.80 0.71 -0.02	50.87 0.50 -0.02	44.96 0.36 0.00	41.75 0.41 0.00
COXSACKIE___GT 23611	41.70 1.61 0.00	39.80 1.53 0.00	38.97 1.50 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.33 1.59 0.00	55.96 2.05 0.00	66.98 2.89 0.00	74.14 2.51 0.00	62.72 1.59 0.00	63.70 1.37 0.00	60.89 0.96 0.00	58.48 0.92 0.00	58.47 1.09 0.00	55.32 1.19 0.00	59.15 1.61 0.00	61.40 1.85 0.00	70.03 2.76 0.00	76.98 3.10 0.00	69.80 2.49 0.00	61.49 2.42 0.00	52.30 1.96 0.00	46.03 1.43 0.00	42.57 1.24 0.00
CPV_VALLEY___CC1 323721	41.98 1.89 0.00	39.72 1.45 0.00	38.81 1.35 0.00	38.44 1.37 0.00	39.24 1.33 0.00	42.29 1.55 0.00	55.96 2.05 0.00	66.65 2.57 0.00	74.78 3.15 0.00	63.89 2.75 0.00	65.32 2.99 0.00	63.05 3.11 0.00	60.84 3.28 0.00	60.83 3.44 0.00	57.49 3.36 0.00	60.87 3.34 0.00	63.12 3.57 0.00	71.24 3.97 0.00	78.09 4.21 0.00	70.94 3.63 0.00	62.49 3.42 0.00	53.26 2.92 0.00	47.23 2.63 0.00	43.52 2.19 0.00
CPV_VALLEY___CC2 323722	41.98 1.89 0.00	39.72 1.45 0.00	38.81 1.35 0.00	38.44 1.37 0.00	39.24 1.33 0.00	42.29 1.55 0.00	55.96 2.05 0.00	66.65 2.57 0.00	74.78 3.15 0.00	63.89 2.75 0.00	65.32 2.99 0.00	63.05 3.11 0.00	60.84 3.28 0.00	60.83 3.44 0.00	57.49 3.36 0.00	60.87 3.34 0.00	63.12 3.57 0.00	71.24 3.97 0.00	78.09 4.21 0.00	70.94 3.63 0.00	62.49 3.42 0.00	53.26 2.92 0.00	47.23 2.63 0.00	43.52 2.19 0.00
CRESCENT___HYD 24018	41.30 1.20 0.00	39.30 1.03 0.00	38.48 1.01 0.00	38.11 1.04 0.00	39.02 1.10 0.00	41.93 1.18 0.00	55.20 1.29 0.00	65.82 1.73 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.76 1.43 0.00	61.01 1.08 0.00	58.66 1.09 0.00	58.53 1.15 0.00	55.37 1.25 0.00	59.26 1.72 0.00	61.40 1.85 0.00	69.69 2.42 0.00	76.31 2.43 0.00	69.40 2.09 0.00	61.14 2.07 0.00	52.00 1.66 0.00	45.72 1.12 0.00	42.41 1.07 0.00
CRICKET___VALLEY_CC1 323756	41.54 1.44 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.84 1.10 0.00	55.31 1.40 0.00	65.88 1.79 0.00	73.92 2.29 0.00	63.21 2.08 0.00	64.63 2.31 0.00	62.39 2.46 0.00	60.21 2.65 0.00	60.20 2.81 0.00	56.89 2.76 0.00	60.30 2.76 0.00	62.47 2.92 0.00	70.50 3.23 0.00	77.21 3.33 0.00	70.14 2.83 0.00	61.85 2.78 0.00	52.76 2.42 0.00	46.74 2.14 0.00	43.07 1.74 0.00
CRICKET___VALLEY_CC2 323757	41.54 1.44 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.84 1.10 0.00	55.31 1.40 0.00	65.88 1.79 0.00	73.92 2.29 0.00	63.21 2.08 0.00	64.63 2.31 0.00	62.39 2.46 0.00	60.21 2.65 0.00	60.20 2.81 0.00	56.89 2.76 0.00	60.30 2.76 0.00	62.47 2.92 0.00	70.50 3.23 0.00	77.21 3.33 0.00	70.14 2.83 0.00	61.85 2.78 0.00	52.76 2.42 0.00	46.74 2.14 0.00	43.07 1.74 0.00
CRICKET___VALLEY_CC3 323758	41.54 1.44 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.84 1.10 0.00	55.31 1.40 0.00	65.88 1.79 0.00	73.92 2.29 0.00	63.21 2.08 0.00	64.63 2.31 0.00	62.39 2.46 0.00	60.21 2.65 0.00	60.20 2.81 0.00	56.89 2.76 0.00	60.30 2.76 0.00	62.47 2.92 0.00	70.50 3.23 0.00	77.21 3.33 0.00	70.14 2.83 0.00	61.85 2.78 0.00	52.76 2.42 0.00	46.74 2.14 0.00	43.07 1.74 0.00
CRUCIBLE_METL_DRP 24180	39.74 -0.36 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.42 -0.49 0.00	63.58 -0.51 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.38 -0.19 -1.24	60.94 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.73 -0.22 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.80 -0.47 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.04 -0.29 0.00
DAHOWA___HYDRO 323763	41.66 1.56 0.00	39.69 1.42 0.00	38.81 1.35 0.00	38.40 1.33 0.00	39.32 1.40 0.00	42.33 1.59 0.00	55.74 1.83 0.00	66.59 2.50 0.00	73.92 2.29 0.00	63.03 1.90 0.00	64.38 2.05 0.00	61.67 1.74 0.00	59.17 1.61 0.00	59.10 1.72 0.00	55.81 1.68 0.00	59.67 2.13 0.00	61.81 2.26 0.00	70.16 2.89 0.00	76.76 2.88 0.00	69.80 2.49 0.00	61.61 2.54 0.00	52.35 2.02 0.00	46.16 1.56 0.00	42.74 1.41 0.00
DANC___LFGE 323619	40.46 0.36 0.00	38.69 0.42 0.00	37.80 0.34 0.00	37.40 0.33 0.00	38.22 0.30 0.00	41.23 0.49 0.00	54.56 0.65 0.00	64.92 0.83 0.00	72.85 1.22 0.00	63.13 0.98 -1.02	65.44 1.06 -2.05	64.92 0.96 -4.03	62.32 0.63 -4.12	59.95 0.74 -1.82	55.80 0.33 -1.34	59.42 0.52 -1.37	59.73 0.18 0.00	67.27 0.00 0.00	74.33 0.45 0.00	67.99 0.67 0.00	59.49 0.42 0.00	50.89 0.55 0.00	45.00 0.40 0.00	41.58 0.25 0.00
DANSKAMMER___1 23586	42.26 2.16 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.58 1.84 0.00	56.34 2.43 0.00	67.16 3.08 0.00	75.28 3.65 0.00	64.31 3.18 0.00	65.75 3.43 0.00	63.47 3.54 0.00	61.19 3.63 0.00	61.23 3.85 0.00	57.81 3.68 0.00	61.22 3.69 0.00	63.42 3.87 0.00	71.64 4.37 0.00	78.54 4.66 0.00	71.35 4.04 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.46 2.86 0.00	43.73 2.40 0.00
DANSKAMMER___2 23589	42.26 2.16 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.58 1.84 0.00	56.34 2.43 0.00	67.16 3.08 0.00	75.28 3.65 0.00	64.31 3.18 0.00	65.75 3.43 0.00	63.47 3.54 0.00	61.19 3.63 0.00	61.23 3.85 0.00	57.81 3.68 0.00	61.22 3.69 0.00	63.42 3.87 0.00	71.64 4.37 0.00	78.54 4.66 0.00	71.35 4.04 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.46 2.86 0.00	43.73 2.40 0.00
DANSKAMMER___3 23590	42.26 2.16 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.58 1.84 0.00	56.34 2.43 0.00	67.16 3.08 0.00	75.28 3.65 0.00	64.31 3.18 0.00	65.75 3.43 0.00	63.47 3.54 0.00	61.19 3.63 0.00	61.23 3.85 0.00	57.81 3.68 0.00	61.22 3.69 0.00	63.42 3.87 0.00	71.64 4.37 0.00	78.54 4.66 0.00	71.35 4.04 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.46 2.86 0.00	43.73 2.40 0.00

DANSKAMMER___4 23591	42.26 2.16 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.58 1.84 0.00	56.34 2.43 0.00	67.16 3.08 0.00	75.28 3.65 0.00	64.31 3.18 0.00	65.75 3.43 0.00	63.47 3.54 0.00	61.19 3.63 0.00	61.23 3.85 0.00	57.81 3.68 0.00	61.22 3.69 0.00	63.42 3.87 0.00	71.64 4.37 0.00	78.54 4.66 0.00	71.35 4.04 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.46 2.86 0.00	43.73 2.40 0.00
DANSKAMMER___DIESEL 23592	42.26 2.17 0.00	40.03 1.76 0.00	39.19 1.72 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.70 1.96 0.00	56.33 2.43 0.00	67.10 3.01 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.76 3.63 0.00	61.11 3.57 0.00	63.24 3.69 0.00	71.51 4.24 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.41 2.81 0.00	43.77 2.44 0.00
DARBY___SOLAR 323810	41.54 1.44 0.00	39.57 1.30 0.00	38.74 1.27 0.00	38.33 1.26 0.00	39.24 1.33 0.00	42.21 1.46 0.00	55.58 1.67 0.00	66.39 2.30 0.00	73.78 2.15 0.00	62.91 1.77 0.00	64.26 1.93 0.00	61.55 1.62 0.00	59.06 1.49 0.00	58.99 1.60 0.00	55.70 1.57 0.00	59.55 2.01 0.00	61.69 2.14 0.00	70.03 2.76 0.00	76.62 2.74 0.00	69.67 2.35 0.00	61.49 2.42 0.00	52.25 1.91 0.00	46.07 1.47 0.00	42.66 1.32 0.00
DASHVILLE___HYD 23610	41.66 1.56 0.00	39.49 1.22 0.00	38.70 1.24 0.00	38.26 1.19 0.00	39.06 1.14 0.00	42.09 1.34 0.00	55.63 1.73 0.00	66.14 2.05 0.00	73.92 2.29 0.00	63.21 2.08 0.00	64.45 2.12 0.00	61.97 2.04 0.00	59.81 2.25 0.00	59.79 2.41 0.00	56.62 2.49 0.00	59.96 2.42 0.00	62.11 2.56 0.00	70.23 2.96 0.00	77.20 3.32 0.00	70.07 2.76 0.00	61.61 2.54 0.00	52.65 2.32 0.00	46.61 2.01 0.00	43.07 1.74 0.00
DELAWARE___LFGE 323621	41.14 1.04 0.00	39.19 0.92 0.00	38.40 0.94 0.00	38.03 0.96 0.00	38.83 0.91 0.00	41.76 1.02 0.00	55.15 1.24 0.00	65.63 1.54 0.00	73.57 1.93 0.00	62.91 1.77 0.00	64.14 1.81 0.00	61.73 1.80 0.00	59.35 1.78 0.00	59.28 1.89 0.00	55.92 1.79 0.00	59.44 1.90 0.00	62.62 1.91 -1.17	69.30 2.02 -0.01	76.24 2.36 0.00	69.47 2.15 0.00	60.90 1.83 0.00	51.95 1.61 0.00	45.98 1.38 0.00	42.53 1.20 0.00
DERFIELD_115KV_TB7 355931	40.22 0.12 0.00	38.35 0.08 0.00	37.54 0.07 0.00	37.15 0.07 0.00	37.99 0.08 0.00	40.82 0.08 0.00	53.96 0.05 0.00	64.15 0.06 0.00	71.70 0.07 0.00	61.26 0.12 0.00	62.45 0.12 0.00	59.99 0.06 0.00	57.62 0.06 0.00	57.50 0.11 0.00	54.29 0.16 0.00	57.71 0.17 0.00	59.73 0.18 0.00	67.48 0.20 0.00	74.18 0.30 0.00	67.58 0.27 0.00	59.31 0.24 0.00	50.49 0.15 0.00	44.74 0.13 0.00	41.46 0.12 0.00
DOGLEVILLE___HYD 23807	41.10 1.00 0.00	39.23 0.96 0.00	38.33 0.86 0.00	37.96 0.89 0.00	38.79 0.87 0.00	41.72 0.98 0.00	54.93 1.02 0.00	65.24 1.15 0.00	72.85 1.22 0.00	62.17 1.04 0.00	63.45 1.12 0.00	60.95 1.02 0.00	58.43 0.86 0.00	58.30 0.92 0.00	54.94 0.81 0.00	58.46 0.92 0.00	60.44 0.89 0.00	68.15 0.87 0.00	75.06 1.18 0.00	68.39 1.08 0.00	59.96 0.89 0.00	51.19 0.86 0.00	45.32 0.71 0.00	42.00 0.66 0.00
DUNKIRK___115KV_TB_200 55889	38.41 -1.68 0.00	37.81 -0.46 0.00	36.53 -0.94 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.75 -2.00 0.00	50.46 -3.45 0.00	59.86 -4.23 0.00	66.24 -5.37 0.02	56.58 -4.52 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.17 -4.19 0.02	50.26 -3.84 0.02	53.31 -4.20 0.02	46.43 -4.59 8.53	58.45 -5.65 3.17	68.71 -5.17 0.00	62.64 -4.64 0.02	51.87 -4.67 2.54	46.34 -3.98 0.02	41.84 -2.77 0.00	39.89 -1.45 0.00
DUNKIRK___1 23563	38.41 -1.68 0.00	37.81 -0.46 0.00	36.53 -0.94 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.75 -2.00 0.00	50.46 -3.45 0.00	59.86 -4.23 0.00	66.24 -5.37 0.02	56.58 -4.52 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.17 -4.19 0.02	50.26 -3.84 0.02	53.31 -4.20 0.02	46.43 -4.59 8.53	58.45 -5.65 3.17	68.71 -5.17 0.00	62.64 -4.64 0.02	51.87 -4.67 2.54	46.34 -3.98 0.02	41.84 -2.77 0.00	39.89 -1.45 0.00
DUNKIRK___2 23564	38.41 -1.68 0.00	37.81 -0.46 0.00	36.53 -0.94 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.75 -2.00 0.00	50.46 -3.45 0.00	59.86 -4.23 0.00	66.24 -5.37 0.02	56.58 -4.52 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.17 -4.19 0.02	50.26 -3.84 0.02	53.31 -4.20 0.02	46.43 -4.59 8.53	58.45 -5.65 3.17	68.71 -5.17 0.00	62.64 -4.64 0.02	51.87 -4.67 2.54	46.34 -3.98 0.02	41.84 -2.77 0.00	39.89 -1.45 0.00
DUNKIRK___3 23565	38.33 -1.76 0.00	37.73 -0.54 0.00	36.42 -1.05 0.00	36.40 -0.67 0.00	36.70 -1.21 0.00	38.67 -2.08 0.00	50.35 -3.56 0.00	59.67 -4.42 0.00	66.09 -5.52 0.02	56.52 -4.58 0.02	57.82 -4.49 0.02	55.29 -4.61 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.26 -4.26 0.02	46.44 -4.64 8.47	58.34 -5.79 3.15	68.41 -5.47 0.00	62.37 -4.91 0.02	51.65 -4.90 2.52	46.19 -4.13 0.02	41.66 -2.94 0.00	39.76 -1.57 0.00
DUNKIRK___4 23566	38.33 -1.76 0.00	37.73 -0.54 0.00	36.42 -1.05 0.00	36.40 -0.67 0.00	36.70 -1.21 0.00	38.67 -2.08 0.00	50.35 -3.56 0.00	59.67 -4.42 0.00	66.09 -5.52 0.02	56.52 -4.58 0.02	57.82 -4.49 0.02	55.29 -4.61 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.26 -4.26 0.02	46.44 -4.64 8.47	58.34 -5.79 3.15	68.41 -5.47 0.00	62.37 -4.91 0.02	51.65 -4.90 2.52	46.19 -4.13 0.02	41.66 -2.94 0.00	39.76 -1.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.34 2.25 0.00	40.07 1.80 0.00	39.15 1.69 0.00	38.67 1.59 0.00	39.51 1.59 0.00	42.70 1.96 0.00	56.39 2.48 0.00	67.04 2.95 0.00	75.29 3.65 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.45 3.91 0.00	63.72 4.17 0.00	71.98 4.71 0.00	78.98 5.10 0.00	71.55 4.24 0.00	62.97 3.90 0.00	53.86 3.52 0.00	47.72 3.12 0.00	44.02 2.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.14 2.05 0.00	39.91 1.65 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.84 2.76 0.00	74.86 3.22 0.00	64.07 2.93 0.00	65.38 3.05 0.00	62.99 3.06 0.00	60.79 3.22 0.00	60.77 3.39 0.00	57.59 3.46 0.00	60.88 3.34 0.00	63.06 3.51 0.00	71.31 4.04 0.00	78.39 4.51 0.00	71.08 3.77 0.00	62.50 3.43 0.00	53.41 3.07 0.00	47.32 2.72 0.00	43.69 2.36 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.91 2.81 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.15 2.40 0.00	56.71 2.80 0.00	66.72 2.63 0.00	74.78 3.15 0.00	64.07 2.93 0.00	65.44 3.12 0.00	63.17 3.24 0.00	61.19 3.63 0.00	61.17 3.79 0.00	57.97 3.84 0.00	61.11 3.57 0.00	63.36 3.81 0.00	71.51 4.24 0.00	78.46 4.58 0.00	71.08 3.77 0.00	62.55 3.49 0.00	53.91 3.57 0.00	48.27 3.66 -0.01	44.56 3.22 -0.01

E179THST_13_KV_LOAD 356214	43.07 2.97 0.00	40.76 2.49 0.00	39.71 2.25 0.00	39.22 2.15 0.00	40.04 2.12 0.00	43.27 2.53 0.00	56.93 3.02 0.00	66.97 2.88 0.00	75.07 3.44 0.00	64.37 3.24 0.00	65.76 3.43 0.00	63.47 3.54 0.00	61.42 3.86 0.00	61.46 4.07 0.00	58.24 4.11 0.00	61.39 3.86 0.00	63.66 4.11 0.00	71.85 4.57 0.00	78.83 4.95 0.00	71.42 4.11 0.00	62.85 3.78 0.00	54.11 3.78 0.00	48.45 3.84 -0.01	44.73 3.39 -0.01
EAST HAMPTON___GT 23717	41.34 1.24 0.00	37.03 0.19 1.44	36.72 -0.04 0.71	37.22 0.15 0.00	38.22 0.30 0.00	41.27 0.53 0.00	45.71 -0.21 7.98	47.23 -0.13 16.73	42.75 -0.07 28.81	51.93 0.43 9.64	50.60 0.87 12.60	49.38 1.20 11.75	43.22 0.98 15.32	49.40 1.26 9.24	47.00 1.25 8.37	44.16 1.38 14.75	54.25 1.49 6.79	57.79 1.55 11.03	65.57 1.70 10.01	48.82 1.48 19.97	53.45 1.00 6.62	50.31 0.70 0.74	45.58 0.98 0.00	42.82 1.49 0.00
EAST RIVER___6 23660	42.46 2.37 0.00	40.14 1.87 0.00	39.11 1.65 0.00	38.74 1.67 0.00	39.55 1.63 0.00	42.66 1.92 0.00	56.55 2.64 0.00	67.36 3.27 0.00	75.86 4.23 0.00	64.92 3.79 0.00	66.50 4.18 0.00	64.37 4.43 0.00	62.23 4.66 0.00	62.20 4.82 0.00	58.78 4.66 0.00	62.14 4.60 0.00	64.49 4.94 0.00	72.59 5.31 0.00	79.35 5.47 0.00	72.02 4.71 0.00	63.50 4.43 0.00	54.16 3.82 0.00	47.99 3.39 0.00	44.15 2.81 0.00
EAST RIVER___7 23524	42.46 2.37 0.00	40.14 1.87 0.00	39.11 1.65 0.00	38.74 1.67 0.00	39.55 1.63 0.00	42.66 1.92 0.00	56.55 2.64 0.00	67.36 3.27 0.00	75.86 4.23 0.00	64.92 3.79 0.00	66.50 4.18 0.00	64.37 4.43 0.00	62.23 4.66 0.00	62.20 4.82 0.00	58.78 4.66 0.00	62.14 4.60 0.00	64.49 4.94 0.00	72.59 5.31 0.00	79.35 5.47 0.00	72.02 4.71 0.00	63.50 4.43 0.00	54.16 3.82 0.00	47.99 3.39 0.00	44.15 2.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.26 2.17 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.43 1.52 0.00	42.66 1.91 0.00	56.28 2.37 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.37 3.24 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.25 3.68 0.00	61.23 3.84 0.00	57.97 3.84 0.00	61.28 3.74 0.00	63.48 3.93 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.42 4.11 0.00	62.79 3.72 0.00	53.71 3.37 0.00	47.59 2.99 0.00	43.94 2.60 0.00
EAST_HAMPTON___DIESEL 23722	41.26 1.16 0.00	36.95 0.12 1.44	36.64 -0.11 0.71	37.15 0.07 0.00	38.15 0.23 0.00	41.23 0.49 0.00	45.60 -0.32 7.99	47.10 -0.26 16.73	42.61 -0.21 28.81	51.74 0.25 9.64	50.48 0.75 12.60	49.20 1.02 11.75	43.11 0.86 15.32	49.23 1.09 9.24	46.89 1.14 8.37	43.99 1.21 14.76	54.07 1.31 6.79	57.59 1.34 11.03	65.42 1.55 10.01	48.62 1.28 19.97	53.27 0.83 6.62	50.16 0.55 0.74	45.44 0.85 0.00	42.74 1.41 0.00
EAST_POINT___SOLAR 323840	42.14 2.04 0.00	40.18 1.91 0.00	39.26 1.80 0.00	38.85 1.78 0.00	39.78 1.86 0.00	42.94 2.20 0.00	56.71 2.80 0.00	67.87 3.78 0.00	75.64 4.01 0.00	63.64 2.51 0.00	64.38 2.05 0.00	62.39 2.46 0.00	60.16 2.59 0.00	60.14 2.75 0.00	56.67 2.54 0.00	60.64 3.10 0.00	62.82 3.27 0.00	71.38 4.10 0.00	78.01 4.13 0.00	71.08 3.77 0.00	62.55 3.48 0.00	53.31 2.97 0.00	47.01 2.41 0.00	43.40 2.07 0.00
EAST_PULASKI___ESR 323781	39.78 -0.32 0.00	38.04 -0.23 0.00	37.21 -0.26 0.00	36.81 -0.26 0.00	37.61 -0.30 0.00	40.50 -0.24 0.00	53.59 -0.32 0.00	63.57 -0.51 0.00	71.21 -0.43 0.00	62.25 -0.36 -1.48	64.92 -0.37 -2.96	63.45 -0.42 -3.93	60.89 -0.52 -3.85	59.55 -0.46 -2.62	55.54 -0.54 -1.95	58.95 -0.58 -1.99	58.77 -0.78 0.00	66.27 -1.01 0.00	73.07 -0.81 0.00	66.71 -0.61 0.00	58.48 -0.59 0.00	50.04 -0.30 0.00	44.29 -0.31 0.00	41.00 -0.33 0.00
EAST_RIVER___1 323558	42.63 2.53 0.00	40.30 2.03 0.00	39.26 1.80 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.82 2.08 0.00	56.71 2.80 0.00	67.48 3.39 0.00	75.93 4.30 0.00	64.99 3.85 0.00	66.50 4.18 0.00	64.37 4.43 0.00	62.17 4.61 0.00	62.14 4.76 0.00	58.78 4.66 0.00	62.14 4.60 0.00	64.43 4.88 0.00	72.59 5.31 0.00	79.42 5.54 0.00	72.09 4.78 0.00	63.56 4.49 0.00	54.22 3.88 0.00	48.08 3.48 0.00	44.27 2.94 0.00
EAST_RIVER___2 323559	42.46 2.37 0.00	40.14 1.87 0.00	39.11 1.65 0.00	38.74 1.67 0.00	39.55 1.63 0.00	42.66 1.92 0.00	56.55 2.64 0.00	67.36 3.27 0.00	75.86 4.23 0.00	64.92 3.79 0.00	66.50 4.18 0.00	64.37 4.43 0.00	62.23 4.66 0.00	62.20 4.82 0.00	58.78 4.66 0.00	62.14 4.60 0.00	64.49 4.94 0.00	72.59 5.31 0.00	79.35 5.47 0.00	72.02 4.71 0.00	63.50 4.43 0.00	54.16 3.82 0.00	47.99 3.39 0.00	44.15 2.81 0.00
EAST___DELAWARE_HYD 23607	42.34 2.24 0.00	40.14 1.87 0.00	39.26 1.80 0.00	38.89 1.82 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.60 2.69 0.00	67.48 3.39 0.00	75.57 3.94 0.00	64.43 3.30 0.00	65.82 3.49 0.00	63.41 3.47 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.70 3.57 0.00	61.17 3.63 0.00	63.42 3.87 0.00	71.58 4.31 0.00	78.61 4.73 0.00	71.42 4.11 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.41 2.81 0.00	43.73 2.40 0.00
EIGHT_POINT___WT_PWR 323820	38.73 -1.36 0.00	37.89 -0.38 0.00	36.94 -0.52 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	39.28 -1.47 0.00	51.43 -2.48 0.00	60.18 -3.91 0.00	66.99 -4.59 0.06	56.67 -4.40 0.06	57.85 -4.42 0.06	55.38 -4.50 0.06	52.90 -4.61 0.06	52.91 -4.42 0.06	49.74 -4.33 0.06	52.94 -4.55 0.06	61.68 -4.53 -6.66	75.07 -4.77 -12.57	69.52 -4.36 0.00	63.62 -3.64 0.06	65.76 -3.36 -10.05	47.46 -2.82 0.06	42.69 -1.92 0.00	40.39 -0.95 0.00
ELBRIDGE_115KV_TB2 80188	39.54 -0.56 0.00	37.81 -0.46 0.00	36.98 -0.49 0.00	36.59 -0.48 0.00	37.39 -0.53 0.00	40.13 -0.61 0.00	53.10 -0.81 0.00	63.19 -0.90 0.00	70.84 -0.79 0.00	61.03 -0.73 -0.63	62.89 -0.69 -1.25	60.48 -0.66 -1.21	57.93 -0.75 -1.12	57.80 -0.69 -1.11	54.31 -0.65 -0.83	57.63 -0.75 -0.84	58.72 -0.83 0.00	66.33 -0.94 0.00	73.07 -0.81 0.00	66.57 -0.74 0.00	58.36 -0.71 0.00	49.63 -0.70 0.00	43.98 -0.62 0.00	40.84 -0.50 0.00
ELEC_TRO_TEK 24086	42.12 2.00 -0.01	39.65 1.38 0.00	38.74 1.27 0.00	38.29 1.22 0.00	39.13 1.21 0.00	42.50 1.75 0.00	54.93 1.67 0.65	63.10 1.99 2.98	69.35 2.58 4.86	61.40 2.51 2.24	65.40 3.05 -0.02	64.41 3.24 -1.25	58.38 3.17 2.35	61.27 3.39 -0.50	57.42 3.41 0.12	60.52 3.22 0.24	62.40 3.39 0.55	71.20 3.90 -0.02	78.41 4.51 -0.02	70.97 3.63 -0.02	62.19 3.13 0.01	53.31 2.92 -0.05	47.48 2.85 -0.02	44.17 2.81 -0.02
ELLENBURG_WT_PWR 323604	40.62 0.52 0.00	38.80 0.54 0.00	37.99 0.52 0.00	37.55 0.48 0.00	38.49 0.57 0.00	41.23 0.49 0.00	54.34 0.43 0.00	64.35 0.26 0.00	71.99 0.36 0.00	61.38 0.25 0.00	62.58 0.25 0.00	60.17 0.24 0.00	57.74 0.17 0.00	57.21 -0.17 0.00	53.81 -0.32 0.00	56.96 -0.58 0.00	58.90 -0.65 0.00	66.40 -0.88 0.00	72.62 -1.26 0.00	66.30 -1.01 0.00	58.30 -0.77 0.00	50.04 -0.30 0.00	44.56 -0.04 0.00	41.17 -0.16 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.17 -1.92 0.00	37.66 -0.61 0.00	36.30 -1.16 0.00	36.33 -0.74 0.00	36.67 -1.25 0.00	38.54 -2.20 0.00	49.97 -3.94 0.00	59.35 -4.74 0.00	65.81 -5.80 0.02	56.10 -5.01 0.02	57.51 -4.80 0.02	54.88 -5.03 0.02	52.53 -5.01 0.02	52.66 -4.71 0.02	49.72 -4.38 0.02	52.63 -4.89 0.02	45.85 -5.48 8.22	57.42 -6.73 3.13	67.53 -6.35 0.00	61.37 -5.92 0.02	50.78 -5.79 2.50	45.53 -4.78 0.02	41.35 -3.26 0.00	39.47 -1.86 0.00
EMPIRE_CC_1 323656	40.78 0.68 0.00	38.76 0.50 0.00	37.99 0.52 0.00	37.66 0.59 0.00	38.52 0.60 0.00	41.36 0.61 0.00	54.29 0.38 0.00	64.73 0.64 0.00	71.99 0.36 0.00	61.62 0.49 0.00	62.70 0.38 0.00	59.99 0.06 0.00	57.68 0.12 0.00	57.56 0.17 0.00	54.56 0.43 0.00	58.29 0.75 0.00	60.44 0.89 0.00	68.55 1.28 0.00	75.13 1.25 0.00	68.32 1.01 0.00	60.25 1.18 0.00	51.25 0.91 0.00	45.05 0.45 0.00	41.79 0.46 0.00
EMPIRE_CC_2 323658	40.78 0.68 0.00	38.76 0.50 0.00	37.99 0.52 0.00	37.66 0.59 0.00	38.52 0.60 0.00	41.36 0.61 0.00	54.29 0.38 0.00	64.73 0.64 0.00	71.99 0.36 0.00	61.62 0.49 0.00	62.70 0.38 0.00	59.99 0.06 0.00	57.68 0.12 0.00	57.56 0.17 0.00	54.56 0.43 0.00	58.29 0.75 0.00	60.44 0.89 0.00	68.55 1.28 0.00	75.13 1.25 0.00	68.32 1.01 0.00	60.25 1.18 0.00	51.25 0.91 0.00	45.05 0.45 0.00	41.79 0.46 0.00
ENORWICH_115KV_TB1 80156	42.10 2.00 0.00	40.37 2.10 0.00	39.38 1.91 0.00	39.11 2.04 0.00	39.93 2.01 0.00	42.98 2.24 0.00	56.87 2.96 0.00	67.87 3.78 0.00	76.25 4.58 -0.03	64.95 3.79 -0.03	66.22 3.86 -0.03	63.80 3.84 -0.03	60.82 3.22 -0.03	60.80 3.39 -0.03	56.97 2.81 -0.03	60.79 3.22 -0.03	70.21 3.45 -7.20	70.88 3.57 -0.04	78.39 4.51 0.00	71.78 4.44 -0.03	62.70 3.60 -0.03	53.19 2.82 -0.03	46.97 2.36 0.00	43.48 2.15 0.00
ERIE_ST__34_KV_TB1-2 80199	38.17 -1.92 0.00	37.58 -0.69 0.00	36.27 -1.20 0.00	36.26 -0.82 0.00	36.59 -1.33 0.00	38.58 -2.16 0.00	50.13 -3.77 0.00	59.47 -4.61 0.00	65.88 -5.73 0.02	57.20 -3.91 0.02	58.31 -3.99 0.02	56.13 -3.78 0.02	53.86 -3.68 0.02	53.97 -3.39 0.02	51.07 -3.03 0.02	54.47 -3.05 0.02	47.52 -3.51 8.52	59.11 -4.98 3.19	68.41 -5.47 0.00	62.64 -4.64 0.02	51.97 -4.55 2.55	46.24 -4.08 0.02	41.35 -3.26 0.00	39.56 -1.78 0.00
ERIE_WT_PWR 323693	38.33 -1.76 0.00	37.73 -0.54 0.00	36.83 -0.64 0.00	36.44 -0.63 0.00	36.78 -1.14 0.00	39.24 -1.51 0.00	51.21 -2.69 0.00	59.86 -4.23 0.00	66.31 -5.30 0.02	56.52 -4.59 0.02	57.81 -4.49 0.02	55.29 -4.61 0.02	52.93 -4.61 0.02	53.06 -4.30 0.02	49.88 -4.22 0.02	53.09 -4.43 0.02	46.00 -4.88 8.67	58.12 -5.85 3.30	68.56 -5.32 0.00	62.31 -4.98 0.02	51.23 -5.20 2.64	45.88 -4.43 0.02	41.66 -2.95 0.00	39.68 -1.65 0.00
ESPRGFLD_115KV_TB1 80157	41.34 1.24 0.00	39.42 1.15 0.00	38.59 1.12 0.00	38.18 1.11 0.00	39.06 1.14 0.00	42.09 1.34 0.00	55.58 1.67 0.00	66.27 2.18 0.00	74.28 2.65 0.00	63.09 1.96 0.00	64.20 1.87 0.00	62.09 2.16 0.00	59.64 2.07 0.00	59.56 2.18 0.00	56.08 1.95 0.00	59.73 2.19 0.00	61.81 2.26 0.00	69.70 2.42 0.00	76.69 2.81 0.00	69.94 2.63 0.00	61.31 2.24 0.00	52.30 1.96 0.00	46.25 1.65 0.00	42.74 1.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.54 0.44 0.00	38.80 0.54 0.00	37.92 0.45 0.00	37.59 0.52 0.00	38.37 0.46 0.00	41.19 0.45 0.00	54.50 0.59 0.00	64.92 0.83 0.00	72.85 1.15 -0.07	62.06 0.86 -0.07	63.27 0.87 -0.07	60.78 0.78 -0.07	58.21 0.58 -0.07	58.14 0.69 -0.07	54.90 0.70 -0.07	58.30 0.69 -0.07	76.31 0.83 -15.93	68.24 0.87 -0.09	75.14 1.26 0.00	68.59 1.21 -0.07	60.14 1.00 -0.07	51.11 0.70 -0.07	45.18 0.58 0.00	41.95 0.62 0.00
ETNA____115KV_TB2 80207	40.54 0.44 0.00	38.80 0.54 0.00	37.92 0.45 0.00	37.59 0.52 0.00	38.37 0.46 0.00	41.19 0.45 0.00	54.50 0.59 0.00	64.92 0.83 0.00	72.85 1.15 -0.07	62.06 0.86 -0.07	63.27 0.87 -0.07	60.78 0.78 -0.07	58.21 0.58 -0.07	58.14 0.69 -0.07	54.90 0.70 -0.07	58.30 0.69 -0.07	76.31 0.83 -15.93	68.24 0.87 -0.09	75.14 1.26 0.00	68.59 1.21 -0.07	60.14 1.00 -0.07	51.11 0.70 -0.07	45.18 0.58 0.00	41.95 0.62 0.00
EUCLID___115KV_TB2 356179	39.34 -0.76 0.00	37.62 -0.65 0.00	36.79 -0.67 0.00	36.44 -0.63 0.00	37.24 -0.68 0.00	39.97 -0.77 0.00	52.83 -1.08 0.00	62.93 -1.15 0.00	70.49 -1.15 0.00	60.36 -1.04 -0.27	61.86 -1.00 -0.53	59.49 -0.96 -0.51	57.00 -1.04 -0.47	56.88 -0.98 -0.47	53.61 -0.87 -0.35	56.86 -1.04 -0.36	58.42 -1.13 0.00	66.00 -1.28 0.00	72.62 -1.26 0.00	66.17 -1.14 0.00	58.01 -1.06 0.00	49.38 -0.96 0.00	43.75 -0.85 0.00	40.63 -0.70 0.00
E_CANADA_CAP_HY 24051	41.50 1.40 0.00	39.57 1.30 0.00	38.70 1.23 0.00	38.29 1.22 0.00	39.21 1.29 0.00	42.29 1.55 0.00	55.68 1.78 0.00	66.59 2.50 0.00	74.21 2.58 0.00	62.72 1.59 0.00	63.64 1.31 0.00	61.67 1.74 0.00	59.29 1.73 0.00	59.27 1.89 0.00	55.81 1.68 0.00	59.72 2.19 0.00	61.75 2.20 0.00	70.10 2.82 0.00	76.76 2.88 0.00	69.87 2.56 0.00	61.49 2.42 0.00	52.50 2.16 0.00	46.34 1.74 0.00	42.78 1.45 0.00
E_CANADA_MHWK_HY 24050	41.10 1.00 0.00	39.23 0.96 0.00	38.33 0.86 0.00	37.96 0.89 0.00	38.79 0.87 0.00	41.72 0.98 0.00	54.99 1.08 0.00	65.30 1.21 0.00	72.92 1.29 0.00	62.17 1.04 0.00	63.45 1.12 0.00	61.01 1.08 0.00	58.48 0.92 0.00	58.36 0.97 0.00	54.94 0.81 0.00	58.52 0.98 0.00	60.50 0.95 0.00	68.22 0.94 0.00	75.06 1.18 0.00	68.46 1.14 0.00	60.01 0.94 0.00	51.19 0.85 0.00	45.31 0.71 0.00	41.99 0.66 0.00
E_FISHKILL___LBMP 23776	41.94 1.84 0.00	39.72 1.45 0.00	38.85 1.39 0.00	38.41 1.33 0.00	39.21 1.29 0.00	42.37 1.63 0.00	55.85 1.94 0.00	66.40 2.31 0.00	74.50 2.87 0.00	63.82 2.69 0.00	65.13 2.80 0.00	62.75 2.82 0.00	60.62 3.05 0.00	60.60 3.21 0.00	57.38 3.25 0.00	60.70 3.16 0.00	62.88 3.33 0.00	71.04 3.77 0.00	78.02 4.14 0.00	70.75 3.43 0.00	62.26 3.19 0.00	53.21 2.87 0.00	47.14 2.54 0.00	43.53 2.19 0.00
FALCON___SEABRD_CC1 323796	41.06 0.96 0.00	39.26 0.99 0.00	38.44 0.97 0.00	37.96 0.89 0.00	38.94 1.02 0.00	41.44 0.69 0.00	54.02 0.11 0.00	63.71 -0.38 0.00	71.28 -0.36 0.00	60.77 -0.36 0.00	61.96 -0.37 0.00	59.57 -0.36 0.00	57.16 -0.40 0.00	56.58 -0.80 0.00	53.48 -0.65 0.00	56.39 -1.15 0.00	58.24 -1.31 0.00	65.66 -1.62 0.00	71.74 -2.14 0.00	65.56 -1.75 0.00	57.89 -1.18 0.00	50.04 -0.30 0.00	44.74 0.13 0.00	41.38 0.04 0.00
FALCON___SEABRD_CC2 323797	41.06 0.96 0.00	39.26 0.99 0.00	38.44 0.97 0.00	37.96 0.89 0.00	38.94 1.02 0.00	41.44 0.69 0.00	54.02 0.11 0.00	63.71 -0.38 0.00	71.28 -0.36 0.00	60.77 -0.36 0.00	61.96 -0.37 0.00	59.57 -0.36 0.00	57.16 -0.40 0.00	56.58 -0.80 0.00	53.48 -0.65 0.00	56.39 -1.15 0.00	58.24 -1.31 0.00	65.66 -1.62 0.00	71.74 -2.14 0.00	65.56 -1.75 0.00	57.89 -1.18 0.00	50.04 -0.30 0.00	44.74 0.13 0.00	41.38 0.04 0.00

FAR ROCKAWAY___4 23548	42.58 2.45 -0.04	40.07 1.80 0.00	39.15 1.69 0.00	38.70 1.63 0.00	39.55 1.63 0.00	42.94 2.20 0.00	55.89 2.26 0.28	65.51 2.69 1.27	72.86 3.30 2.07	63.36 3.18 0.96	66.31 3.93 -0.05	70.23 4.08 -6.22	60.54 3.97 1.00	63.96 4.13 -2.45	58.19 4.11 0.06	61.40 3.97 0.11	63.54 4.23 0.24	72.17 4.84 -0.05	79.48 5.54 -0.05	71.94 4.58 -0.05	62.96 3.90 0.01	54.28 3.57 -0.37	48.09 3.43 -0.05	44.70 3.31 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.94 2.20 0.00	56.71 2.80 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.25 3.93 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.62 4.49 0.00	61.85 4.32 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.89 4.58 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.08 3.48 0.00	44.31 2.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.74 1.82 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.25 3.93 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.62 4.49 0.00	61.91 4.37 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.27 3.93 0.00	48.08 3.48 0.00	44.35 3.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.58 2.49 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.94 2.20 0.00	56.71 2.80 0.00	67.36 3.27 0.00	75.64 4.01 0.00	64.86 3.73 0.00	66.25 3.93 0.00	63.95 4.02 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.57 4.44 0.00	61.85 4.32 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.35 5.47 0.00	71.89 4.58 0.00	63.26 4.19 0.00	54.22 3.88 0.00	48.04 3.43 0.00	44.31 2.98 0.00
FARRAGUT___LBMP 323566	42.58 2.49 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.66 2.75 0.00	67.36 3.27 0.00	75.57 3.94 0.00	64.80 3.67 0.00	66.19 3.86 0.00	63.95 4.02 0.00	61.82 4.26 0.00	61.80 4.42 0.00	58.57 4.44 0.00	61.80 4.26 0.00	64.08 4.53 0.00	72.32 5.05 0.00	79.35 5.47 0.00	71.82 4.51 0.00	63.26 4.19 0.00	54.16 3.83 0.00	48.04 3.43 0.00	44.31 2.98 0.00
FENNER___WINDPWR 24204	40.82 0.72 0.00	38.99 0.73 0.00	38.14 0.68 0.00	37.77 0.70 0.00	38.60 0.68 0.00	41.56 0.81 0.00	55.04 1.13 0.00	65.56 1.48 0.00	73.44 1.79 -0.01	62.61 1.46 -0.01	63.97 1.62 -0.02	62.20 1.56 -0.72	59.74 1.38 -0.80	58.84 1.44 -0.02	55.33 1.19 -0.01	58.88 1.32 -0.01	64.26 1.37 -3.34	68.64 1.34 -0.02	75.50 1.62 0.00	68.94 1.61 -0.01	60.38 1.30 -0.01	51.41 1.06 -0.01	45.45 0.85 0.00	42.08 0.74 0.00
FIBERTEK___ENERGY 23856	39.74 -0.36 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.42 -0.49 0.00	63.58 -0.51 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.38 -0.19 -1.24	60.94 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.73 -0.22 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.80 -0.47 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.04 -0.29 0.00
FITZPATRICK___ 23598	38.85 -1.24 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.48 -1.26 0.00	52.24 -1.67 0.00	62.10 -1.99 0.00	69.49 -2.15 0.00	51.58 -1.90 7.66	45.04 -2.00 15.29	43.29 -1.92 14.72	42.02 -1.90 13.65	42.01 -1.84 13.54	42.28 -1.73 10.11	45.39 -1.84 10.31	57.59 -1.96 0.00	65.12 -2.16 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.10 -1.24 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.30 2.21 0.00	40.11 1.84 0.00	39.26 1.80 0.00	38.78 1.71 0.00	39.55 1.63 0.00	42.74 2.00 0.00	56.44 2.53 0.00	67.16 3.08 0.00	75.21 3.58 0.00	64.37 3.24 0.00	65.69 3.37 0.00	63.29 3.36 0.00	61.08 3.51 0.00	61.11 3.73 0.00	57.86 3.73 0.00	61.16 3.62 0.00	63.30 3.75 0.00	71.58 4.31 0.00	78.68 4.80 0.00	71.35 4.04 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
FORT ORANGE___ 23900	40.62 0.52 0.00	38.73 0.46 0.00	37.92 0.45 0.00	37.55 0.48 0.00	38.41 0.49 0.00	41.19 0.45 0.00	54.23 0.33 0.00	64.66 0.58 0.00	72.14 0.50 0.00	61.56 0.43 0.00	62.70 0.38 0.00	60.11 0.18 0.00	57.80 0.23 0.00	57.73 0.35 0.00	54.62 0.49 0.00	58.29 0.75 0.00	60.38 0.83 0.00	68.49 1.21 0.00	75.06 1.18 0.00	68.25 0.94 0.00	60.13 1.06 0.00	51.19 0.85 0.00	45.09 0.49 0.00	41.75 0.41 0.00
FORT_DRUM_COGEN 23780	41.38 1.28 0.00	39.53 1.26 0.00	38.55 1.09 0.00	38.22 1.15 0.00	39.06 1.14 0.00	42.17 1.43 0.00	55.85 1.94 0.00	66.72 2.63 0.00	75.00 3.37 0.00	64.58 2.69 -0.76	66.87 2.99 -1.56	67.73 2.76 -5.04	65.16 2.25 -5.35	61.06 2.30 -1.38	56.65 1.52 -1.01	60.41 1.84 -1.03	61.04 1.49 0.00	68.48 1.21 0.00	75.95 2.07 0.00	69.60 2.29 0.00	60.78 1.71 0.00	52.05 1.71 0.00	45.94 1.34 0.00	42.33 0.99 0.00
FOX_HILLS___ESR 323835	43.11 3.01 0.00	40.79 2.53 0.00	39.80 2.32 -0.01	39.30 2.22 -0.01	40.12 2.20 -0.01	43.36 2.61 -0.01	56.93 3.02 0.00	67.23 3.14 0.00	75.57 3.94 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.53 3.60 0.00	61.36 3.80 0.00	61.34 3.96 0.00	58.13 4.01 0.00	61.34 3.80 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.27 5.39 0.00	71.82 4.51 0.00	63.09 4.02 0.00	54.22 3.88 0.00	48.48 3.88 0.00	44.77 3.43 -0.01
FPL_FAR_ROCK_GT1 24212	42.58 2.45 -0.04	40.07 1.80 0.00	39.08 1.61 0.00	38.70 1.63 0.00	39.55 1.63 0.00	42.66 1.92 0.00	55.79 2.16 0.28	65.57 2.75 1.27	73.00 3.44 2.07	63.35 3.18 0.96	66.43 4.05 -0.05	70.53 4.37 -6.22	60.71 4.15 1.00	64.19 4.36 -2.45	58.30 4.22 0.06	61.63 4.20 0.11	63.66 4.34 0.24	72.24 4.91 -0.05	79.48 5.54 -0.05	72.48 5.11 -0.05	63.20 4.13 0.01	54.23 3.52 -0.37	48.14 3.48 -0.05	44.65 3.26 -0.05
FPL_FAR_ROCK_GT2 23815	42.58 2.45 -0.04	40.07 1.80 0.00	39.08 1.61 0.00	38.70 1.63 0.00	39.55 1.63 0.00	42.66 1.92 0.00	55.79 2.16 0.28	65.57 2.75 1.27	73.00 3.44 2.07	63.35 3.18 0.96	66.43 4.05 -0.05	70.53 4.37 -6.22	60.71 4.15 1.00	64.19 4.36 -2.45	58.30 4.22 0.06	61.63 4.20 0.11	63.66 4.34 0.24	72.24 4.91 -0.05	79.48 5.54 -0.05	72.48 5.11 -0.05	63.20 4.13 0.01	54.23 3.52 -0.37	48.14 3.48 -0.05	44.65 3.26 -0.05
FRANKLIN_FALL_HYD 24054	41.22 1.12 0.00	39.42 1.15 0.00	38.63 1.16 0.00	38.11 1.04 0.00	39.13 1.21 0.00	41.97 1.22 0.00	55.90 1.99 0.00	66.33 2.24 0.00	74.21 2.58 0.00	63.33 2.20 0.00	64.56 2.18 -0.05	67.19 2.22 -5.04	65.26 2.07 -5.62	59.10 1.66 -0.05	55.21 1.08 0.00	58.75 1.21 0.00	60.62 1.07 0.00	68.22 0.94 0.00	74.54 0.66 0.00	68.32 1.01 0.00	59.90 0.83 0.00	51.25 0.91 0.00	45.45 0.85 0.00	41.87 0.54 0.00

FREPORT_EQUS_GT1 23764	42.31 2.20 -0.01	39.80 1.53 0.00	38.81 1.35 0.00	38.44 1.37 0.00	39.32 1.40 0.00	42.37 1.63 0.00	54.20 1.78 1.48	59.56 2.24 6.77	63.44 2.87 11.07	58.60 2.57 5.10	65.71 3.36 -0.02	62.41 3.72 1.24	55.74 3.51 5.34	60.70 3.79 0.47	57.54 3.68 0.27	60.69 3.69 0.54	62.13 3.81 1.24	71.66 4.37 -0.02	78.77 4.87 -0.02	71.84 4.51 -0.02	62.72 3.66 0.01	53.23 3.02 0.13	47.74 3.12 -0.02	44.37 3.02 -0.02
FREEPORT___CT2 23818	42.31 2.20 -0.01	39.80 1.53 0.00	38.81 1.35 0.00	38.44 1.37 0.00	39.32 1.40 0.00	42.37 1.63 0.00	54.20 1.78 1.48	59.56 2.24 6.77	63.44 2.87 11.07	58.60 2.57 5.10	65.71 3.36 -0.02	62.41 3.72 1.24	55.74 3.51 5.34	60.70 3.79 0.47	57.54 3.68 0.27	60.69 3.69 0.54	62.13 3.81 1.24	71.66 4.37 -0.02	78.77 4.87 -0.02	71.84 4.51 -0.02	62.72 3.66 0.01	53.23 3.02 0.13	47.74 3.12 -0.02	44.37 3.02 -0.02
FRESHKLS_33_KV_LOAD 356253	43.27 3.17 0.00	40.95 2.68 0.00	39.95 2.47 -0.01	39.45 2.37 -0.01	40.28 2.35 -0.01	43.56 2.81 -0.01	57.14 3.23 0.00	67.49 3.40 0.00	75.79 4.15 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.65 3.72 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.45 3.91 0.00	63.96 4.41 0.00	72.39 5.11 0.00	79.57 5.69 0.00	72.09 4.78 0.00	63.26 4.19 0.00	54.37 4.03 0.00	48.66 4.06 0.00	44.94 3.60 -0.01
FULTON COGEN____ 23766	39.34 -0.76 0.00	37.58 -0.69 0.00	36.75 -0.71 0.00	36.40 -0.67 0.00	37.20 -0.72 0.00	39.93 -0.81 0.00	52.83 -1.08 0.00	62.93 -1.15 0.00	70.56 -1.07 0.00	61.84 -1.04 -1.74	64.88 -0.93 -3.48	62.33 -0.96 -3.35	59.64 -1.04 -3.11	59.49 -0.98 -3.08	55.51 -0.92 -2.30	58.85 -1.04 -2.35	58.42 -1.13 0.00	66.00 -1.28 0.00	72.70 -1.18 0.00	66.24 -1.08 0.00	58.07 -1.00 0.00	49.38 -0.96 0.00	43.75 -0.85 0.00	40.63 -0.70 0.00
FULTON___LFGE 323630	41.94 1.85 0.00	39.99 1.72 0.00	39.08 1.61 0.00	38.66 1.59 0.00	39.58 1.67 0.00	42.70 1.96 0.00	56.34 2.43 0.00	67.36 3.27 0.00	75.07 3.44 0.00	63.40 2.26 0.00	64.38 2.05 0.00	62.15 2.22 0.00	59.75 2.19 0.00	59.68 2.30 0.00	56.24 2.11 0.00	60.19 2.65 0.00	62.41 2.86 0.00	70.90 3.63 0.00	77.57 3.69 0.00	70.61 3.30 0.00	62.20 3.13 0.00	52.95 2.62 0.00	46.74 2.14 0.00	43.15 1.82 0.00
G.F.CEMENT___DRP 24184	41.62 1.52 0.00	39.68 1.42 0.00	38.81 1.35 0.00	38.37 1.30 0.00	39.32 1.40 0.00	42.33 1.59 0.00	55.74 1.83 0.00	66.40 2.31 0.00	73.78 2.15 0.00	62.91 1.77 0.00	64.20 1.87 0.00	61.55 1.62 0.00	59.06 1.50 0.00	58.99 1.61 0.00	55.70 1.57 0.00	59.50 1.96 0.00	61.57 2.02 0.00	69.96 2.69 0.00	76.54 2.66 0.00	69.60 2.29 0.00	61.49 2.42 0.00	52.20 1.86 0.00	46.21 1.61 0.00	42.74 1.41 0.00
GARDENVILLE___LBMP 24039	38.25 -1.84 0.00	37.69 -0.57 0.00	36.38 -1.09 0.00	36.37 -0.70 0.00	36.67 -1.25 0.00	38.58 -2.16 0.00	49.97 -3.94 0.00	59.35 -4.74 0.00	65.80 -5.80 0.03	56.22 -4.89 0.03	57.56 -4.74 0.03	54.99 -4.91 0.03	52.59 -4.95 0.03	52.71 -4.65 0.03	49.77 -4.33 0.03	52.79 -4.72 0.03	43.47 -5.30 10.78	56.28 -6.53 4.47	67.60 -6.28 0.00	61.63 -5.65 0.03	50.00 -5.49 3.57	45.73 -4.58 0.03	41.39 -3.21 0.00	39.60 -1.74 0.00
GARDNVLA_35_KV_LD 355827	38.41 -1.68 0.00	37.85 -0.42 0.00	36.53 -0.94 0.00	36.52 -0.56 0.00	36.86 -1.06 0.00	38.79 -1.96 0.00	50.35 -3.56 0.00	59.79 -4.29 0.00	66.31 -5.30 0.02	56.77 -4.34 0.02	58.13 -4.18 0.02	55.59 -4.32 0.02	53.22 -4.32 0.02	53.34 -4.02 0.02	50.37 -3.73 0.02	53.43 -4.09 0.02	46.56 -4.70 8.29	58.33 -5.85 3.09	68.27 -5.61 0.00	62.17 -5.12 0.02	51.58 -5.02 2.47	46.09 -4.23 0.02	41.66 -2.94 0.00	39.76 -1.57 0.00
GELCKHM___115KV_LOAD 80723	39.50 -0.60 0.00	37.77 -0.50 0.00	36.94 -0.52 0.00	36.59 -0.48 0.00	37.39 -0.53 0.00	40.09 -0.65 0.00	53.05 -0.86 0.00	63.19 -0.90 0.00	70.84 -0.79 0.00	60.83 -0.73 -0.43	62.50 -0.69 -0.85	60.10 -0.66 -0.82	57.58 -0.75 -0.76	57.45 -0.69 -0.76	54.10 -0.60 -0.57	57.37 -0.75 -0.58	58.72 -0.83 0.00	66.26 -1.01 0.00	72.99 -0.89 0.00	66.50 -0.81 0.00	58.30 -0.77 0.00	49.58 -0.76 0.00	43.93 -0.67 0.00	40.80 -0.54 0.00
GENERAL___MILLS 23808	38.29 -1.80 0.00	37.77 -0.50 0.00	36.42 -1.05 0.00	36.44 -0.63 0.00	36.74 -1.18 0.00	38.67 -2.08 0.00	50.19 -3.72 0.00	59.54 -4.55 0.00	66.02 -5.59 0.02	56.52 -4.58 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.20 -4.32 0.02	45.99 -4.88 8.67	57.85 -6.12 3.30	67.97 -5.91 0.00	61.90 -5.38 0.02	51.17 -5.26 2.64	45.88 -4.43 0.02	41.48 -3.12 0.00	39.64 -1.69 0.00
GE_PLASTICS___DRP 24183	40.58 0.48 0.00	38.69 0.42 0.00	37.92 0.45 0.00	37.52 0.44 0.00	38.37 0.46 0.00	41.19 0.45 0.00	54.29 0.38 0.00	64.47 0.38 0.00	72.06 0.43 0.00	61.62 0.49 0.00	62.64 0.31 0.00	60.17 0.24 0.00	57.85 0.29 0.00	57.73 0.34 0.00	54.67 0.54 0.00	58.29 0.75 0.00	60.32 0.77 0.00	68.35 1.08 0.00	74.99 1.11 0.00	68.25 0.94 0.00	60.01 0.95 0.00	51.09 0.76 0.00	45.14 0.54 0.00	41.79 0.45 0.00
GILBOA___1 23756	40.94 0.84 0.00	38.96 0.69 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.72 0.80 0.00	41.48 0.73 0.00	54.77 0.86 0.00	65.18 1.09 0.00	72.92 1.29 0.00	62.29 1.16 0.00	63.57 1.25 0.00	61.13 1.20 0.00	58.83 1.26 0.00	58.76 1.37 0.00	55.53 1.41 0.00	59.03 1.49 0.00	61.16 1.61 0.00	68.96 1.68 0.00	75.65 1.77 0.00	68.86 1.55 0.00	60.66 1.60 0.00	51.65 1.31 0.00	45.67 1.07 0.00	42.29 0.95 0.00
GILBOA___2 23757	40.94 0.84 0.00	38.96 0.69 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.72 0.80 0.00	41.48 0.73 0.00	54.77 0.86 0.00	65.18 1.09 0.00	72.92 1.29 0.00	62.29 1.16 0.00	63.57 1.25 0.00	61.13 1.20 0.00	58.83 1.26 0.00	58.76 1.37 0.00	55.53 1.41 0.00	59.03 1.49 0.00	61.16 1.61 0.00	68.96 1.68 0.00	75.65 1.77 0.00	68.86 1.55 0.00	60.66 1.60 0.00	51.65 1.31 0.00	45.67 1.07 0.00	42.29 0.95 0.00
GILBOA___3 23758	40.94 0.84 0.00	38.96 0.69 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.72 0.80 0.00	41.48 0.73 0.00	54.77 0.86 0.00	65.18 1.09 0.00	72.92 1.29 0.00	62.29 1.16 0.00	63.57 1.25 0.00	61.13 1.20 0.00	58.83 1.26 0.00	58.76 1.37 0.00	55.53 1.41 0.00	59.03 1.49 0.00	61.16 1.61 0.00	68.96 1.68 0.00	75.65 1.77 0.00	68.86 1.55 0.00	60.66 1.60 0.00	51.65 1.31 0.00	45.67 1.07 0.00	42.29 0.95 0.00
GILBOA___4 23759	40.94 0.84 0.00	38.96 0.69 0.00	38.25 0.79 0.00	37.89 0.81 0.00	38.72 0.80 0.00	41.48 0.73 0.00	54.77 0.86 0.00	65.18 1.09 0.00	72.92 1.29 0.00	62.29 1.16 0.00	63.57 1.25 0.00	61.13 1.20 0.00	58.83 1.26 0.00	58.76 1.37 0.00	55.53 1.41 0.00	59.03 1.49 0.00	61.16 1.61 0.00	68.96 1.68 0.00	75.65 1.77 0.00	68.86 1.55 0.00	60.66 1.60 0.00	51.65 1.31 0.00	45.67 1.07 0.00	42.29 0.95 0.00

GILBOA____ 23599	40.94 0.84 0.00	38.96 0.69 0.00	38.29 0.82 0.00	37.89 0.82 0.00	38.71 0.80 0.00	41.52 0.77 0.00	54.77 0.86 0.00	65.11 1.03 0.00	72.85 1.22 0.00	62.29 1.16 0.00	63.45 1.12 0.00	61.01 1.08 0.00	58.72 1.15 0.00	58.65 1.26 0.00	55.48 1.35 0.00	58.92 1.38 0.00	61.04 1.49 0.00	68.89 1.61 0.00	75.65 1.77 0.00	68.93 1.62 0.00	60.61 1.54 0.00	51.65 1.31 0.00	45.72 1.12 0.00	42.28 0.95 0.00
GINNA____ 23603	37.45 -2.65 0.00	36.20 -2.07 0.00	35.33 -2.13 0.00	34.96 -2.11 0.00	35.64 -2.27 0.00	38.13 -2.61 0.00	50.46 -3.45 0.00	59.86 -4.23 0.00	67.04 -4.59 0.01	57.52 -3.61 0.01	58.20 -4.12 0.01	55.96 -3.96 0.01	53.58 -3.97 0.01	53.41 -3.96 0.01	50.54 -3.57 0.01	53.56 -3.97 0.01	53.57 -4.53 1.45	62.41 -5.25 -0.39	69.37 -4.51 0.00	62.99 -4.31 0.01	54.77 -4.61 -0.31	46.35 -3.98 0.01	41.53 -3.08 0.00	38.73 -2.60 0.00
GLEN PARK____ 23778	41.54 1.44 0.00	39.69 1.42 0.00	38.74 1.27 0.00	38.40 1.33 0.00	39.21 1.29 0.00	42.41 1.67 0.00	56.17 2.26 0.00	66.91 2.82 0.00	75.21 3.58 0.00	64.82 2.87 -0.81	67.03 3.05 -1.65	67.60 2.82 -4.85	64.98 2.30 -5.11	61.20 2.35 -1.47	56.77 1.57 -1.07	60.64 2.01 -1.09	61.21 1.67 0.00	68.89 1.61 0.00	76.31 2.43 0.00	70.01 2.70 0.00	61.08 2.01 0.00	52.35 2.02 0.00	46.21 1.60 0.00	42.53 1.20 0.00
GLENDALE_27_KV_LOAD 356172	42.91 2.81 0.00	40.60 2.33 0.00	39.56 2.10 0.00	39.07 2.00 0.00	39.89 1.97 0.00	43.10 2.36 0.00	56.82 2.91 0.00	67.16 3.08 0.00	75.43 3.80 0.00	64.68 3.55 0.00	66.07 3.74 0.00	63.77 3.84 0.00	61.77 4.20 0.00	61.75 4.36 0.00	58.51 4.38 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.22 3.88 0.00	48.26 3.66 0.00	44.56 3.22 0.00
GLENWOOD_IC_1_G5 23712	42.35 2.25 -0.01	39.95 1.68 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.43 1.52 0.00	42.74 2.00 0.00	55.21 2.21 0.91	62.63 2.69 4.15	68.15 3.30 6.78	61.19 3.18 3.12	65.95 3.61 -0.01	62.71 3.72 0.94	58.10 3.80 3.27	60.98 3.96 0.36	57.92 3.95 0.16	61.01 3.80 0.33	62.84 4.05 0.76	71.86 4.57 -0.01	78.99 5.10 -0.01	71.49 4.17 -0.01	62.78 3.72 0.01	53.62 3.37 0.09	47.78 3.17 -0.01	44.28 2.93 -0.01
GLENWOOD_IC_2_G1 23688	42.26 2.16 0.00	39.91 1.64 0.00	38.93 1.46 0.00	38.56 1.48 0.00	39.40 1.48 0.00	42.45 1.71 0.00	56.06 2.16 0.01	66.74 2.69 0.04	75.01 3.44 0.06	64.16 3.06 0.03	65.88 3.55 0.00	63.71 3.78 0.00	61.39 3.86 0.03	61.40 4.02 0.00	58.03 3.90 0.00	61.40 3.86 -0.01	63.65 4.11 0.01	71.78 4.51 0.00	78.75 4.87 0.00	71.62 4.31 0.00	62.91 3.84 0.00	53.61 3.27 0.00	47.68 3.08 0.00	44.06 2.73 0.00
GLENWOOD_IC_3_G1 23689	42.26 2.16 0.00	39.91 1.64 0.00	38.93 1.46 0.00	38.56 1.48 0.00	39.40 1.48 0.00	42.45 1.71 0.00	56.06 2.16 0.01	66.74 2.69 0.04	75.01 3.44 0.06	64.16 3.06 0.03	65.88 3.55 0.00	63.71 3.78 0.00	61.39 3.86 0.03	61.40 4.02 0.00	58.03 3.90 0.00	61.40 3.86 -0.01	63.65 4.11 0.01	71.78 4.51 0.00	78.75 4.87 0.00	71.62 4.31 0.00	62.91 3.84 0.00	53.61 3.27 0.00	47.68 3.08 0.00	44.06 2.73 0.00
GLENWOOD____4 23550	42.35 2.25 -0.01	39.95 1.68 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.43 1.52 0.00	42.74 2.00 0.00	55.21 2.21 0.91	62.63 2.69 4.15	68.15 3.30 6.78	61.19 3.18 3.12	65.95 3.61 -0.01	62.71 3.72 0.94	58.10 3.80 3.27	60.98 3.96 0.36	57.92 3.95 0.16	61.01 3.80 0.33	62.84 4.05 0.76	71.86 4.57 -0.01	78.99 5.10 -0.01	71.49 4.17 -0.01	62.78 3.72 0.01	53.62 3.37 0.09	47.78 3.17 -0.01	44.28 2.93 -0.01
GLENWOOD____5 23614	42.35 2.25 -0.01	39.95 1.68 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.43 1.52 0.00	42.74 2.00 0.00	55.21 2.21 0.91	62.63 2.69 4.15	68.15 3.30 6.78	61.19 3.18 3.12	65.95 3.61 -0.01	62.71 3.72 0.94	58.10 3.80 3.27	60.98 3.96 0.36	57.92 3.95 0.16	61.01 3.80 0.33	62.84 4.05 0.76	71.86 4.57 -0.01	78.99 5.10 -0.01	71.49 4.17 -0.01	62.78 3.72 0.01	53.62 3.37 0.09	47.78 3.17 -0.01	44.28 2.93 -0.01
GLOBAL GREEN_PORT_GT1 23814	41.54 1.44 0.00	37.29 0.46 1.44	36.98 0.23 0.71	37.48 0.41 0.00	38.45 0.53 0.00	41.52 0.77 0.00	46.14 0.22 7.98	47.74 0.39 16.73	43.47 0.64 28.81	52.47 0.98 9.64	51.22 1.49 12.60	49.93 1.74 11.74	43.80 1.55 15.32	49.98 1.84 9.24	47.54 1.78 8.37	44.74 1.96 14.75	54.84 2.08 6.79	58.54 2.29 11.03	66.38 2.51 10.01	49.56 2.22 19.97	54.10 1.65 6.62	50.81 1.21 0.74	46.07 1.47 0.00	43.15 1.82 0.00
GLOBE____DSASP 323697	37.37 -2.73 0.00	36.97 -1.30 0.00	35.59 -1.87 0.00	35.66 -1.41 0.00	36.02 -1.90 0.00	37.77 -2.97 0.00	48.52 -5.39 0.00	57.81 -6.28 0.00	64.09 -7.52 0.02	54.14 -6.97 0.02	55.70 -6.61 0.02	52.96 -6.95 0.02	50.58 -6.97 0.02	47.83 -6.66 0.02	50.44 -6.28 0.02	44.50 -7.08 0.02	44.50 -7.32 7.72	54.97 -9.35 2.95	65.16 -8.72 0.00	58.94 -8.35 0.02	48.63 -8.09 2.35	43.82 -6.49 0.02	40.19 -4.42 0.00	38.32 -3.02 0.00
GOETHSLN____LBMP 323567	42.42 2.33 0.00	40.11 1.84 0.00	39.19 1.72 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.74 2.00 0.00	56.50 2.59 0.00	67.16 3.08 0.00	75.36 3.72 0.00	64.68 3.55 0.00	66.00 3.68 0.00	63.77 3.84 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.41 4.28 0.00	61.68 4.14 0.00	63.90 4.35 0.00	72.12 4.84 0.00	79.13 5.25 0.00	71.62 4.31 0.00	63.09 4.02 0.00	54.06 3.73 0.00	47.86 3.26 0.00	44.15 2.81 0.00
GOLAH____69_KV_TB 1_2 80279	39.34 -0.76 0.00	38.31 0.04 0.00	37.09 -0.37 0.00	36.96 -0.11 0.00	37.58 -0.34 0.00	39.85 -0.90 0.00	52.24 -1.67 0.00	62.23 -1.86 0.00	69.54 -2.08 0.01	58.98 -2.14 0.01	60.44 -1.87 0.01	57.82 -2.10 0.01	55.31 -2.25 0.01	55.19 -2.18 0.01	51.95 -2.17 0.01	54.94 -2.59 0.01	54.17 -2.98 2.41	63.76 -3.50 0.02	71.07 -2.81 0.00	64.47 -2.83 0.01	56.10 -2.95 0.01	47.86 -2.47 0.01	43.22 -1.38 0.00	40.67 -0.66 0.00
GOODYEAR_LAKE_HYD 323669	41.34 1.24 0.00	39.38 1.11 0.00	38.59 1.12 0.00	38.18 1.11 0.00	39.02 1.10 0.00	42.01 1.26 0.00	55.47 1.56 0.00	66.14 2.05 0.00	74.14 2.51 0.00	63.34 2.20 0.00	64.64 2.31 0.00	62.33 2.40 0.00	59.81 2.25 0.00	59.80 2.41 0.00	56.30 2.17 0.00	59.84 2.30 0.00	62.85 2.32 -0.98	69.70 2.42 0.00	76.69 2.81 0.00	69.94 2.63 0.00	61.32 2.24 0.00	52.26 1.91 0.00	46.21 1.61 0.00	42.74 1.41 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.14 0.04 0.00	38.50 0.23 0.00	37.62 0.15 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.74 0.00 0.00	53.80 -0.11 0.00	63.96 -0.13 0.00	71.56 -0.07 0.00	61.19 0.06 0.00	62.33 0.00 0.00	59.93 0.00 0.00	57.51 -0.06 0.00	57.44 0.06 0.00	54.29 0.16 0.00	57.65 0.12 0.00	58.64 0.12 1.02	66.53 0.00 0.74	74.03 0.15 0.00	67.51 0.20 0.00	58.54 0.06 0.59	50.29 -0.05 0.00	44.56 -0.04 0.00	41.54 0.21 0.00

GOUDEY___7 23579	40.14 0.04 0.00	38.50 0.23 0.00	37.62 0.15 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.74 0.00 0.00	53.80 -0.11 0.00	63.96 -0.13 0.00	71.56 -0.07 0.00	61.19 0.06 0.00	62.33 0.00 0.00	59.93 0.00 0.00	57.51 -0.06 0.00	57.44 0.06 0.00	54.29 0.16 0.00	57.65 0.12 0.00	58.64 0.12 1.02	66.53 0.00 0.74	74.03 0.15 0.00	67.51 0.20 0.00	58.54 0.06 0.59	50.29 -0.05 0.00	44.56 -0.04 0.00	41.54 0.21 0.00
GOUDEY___8 23580	40.14 0.04 0.00	38.50 0.23 0.00	37.62 0.15 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.74 0.00 0.00	53.80 -0.11 0.00	63.96 -0.13 0.00	71.56 -0.07 0.00	61.19 0.06 0.00	62.33 0.00 0.00	59.93 0.00 0.00	57.51 -0.06 0.00	57.44 0.06 0.00	54.29 0.16 0.00	57.65 0.12 0.00	58.64 0.12 1.02	66.53 0.00 0.74	74.03 0.15 0.00	67.51 0.20 0.00	58.54 0.06 0.59	50.29 -0.05 0.00	44.56 -0.04 0.00	41.54 0.21 0.00
GOWANUS_GT1_1 24077	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	39.97 2.05 -0.01	43.19 2.44 -0.01	56.82 2.91 0.00	67.10 3.01 0.00	75.43 3.80 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.53 3.60 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.72 4.17 0.00	72.05 4.78 0.00	79.20 5.32 0.00	71.69 4.38 0.00	63.03 3.96 0.00	54.11 3.78 0.00	48.35 3.75 0.00	44.61 3.27 -0.01
GOWANUS_GT1_2 24078	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	39.97 2.05 -0.01	43.19 2.44 -0.01	56.82 2.91 0.00	67.10 3.01 0.00	75.43 3.80 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.53 3.60 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.72 4.17 0.00	72.05 4.78 0.00	79.20 5.32 0.00	71.69 4.38 0.00	63.03 3.96 0.00	54.11 3.78 0.00	48.35 3.75 0.00	44.61 3.27 -0.01
GOWANUS_GT1_3 24079	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	39.97 2.05 -0.01	43.19 2.44 -0.01	56.82 2.91 0.00	67.10 3.01 0.00	75.43 3.80 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.53 3.60 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.72 4.17 0.00	72.05 4.78 0.00	79.20 5.32 0.00	71.69 4.38 0.00	63.03 3.96 0.00	54.11 3.78 0.00	48.35 3.75 0.00	44.61 3.27 -0.01
GOWANUS_GT1_4 24080	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	39.97 2.05 -0.01	43.19 2.44 -0.01	56.82 2.91 0.00	67.10 3.01 0.00	75.43 3.80 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.53 3.60 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.72 4.17 0.00	72.05 4.78 0.00	79.20 5.32 0.00	71.69 4.38 0.00	63.03 3.96 0.00	54.11 3.78 0.00	48.35 3.75 0.00	44.61 3.27 -0.01
GOWANUS_GT1_5 24084	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	39.97 2.05 -0.01	43.19 2.44 -0.01	56.82 2.91 0.00	67.10 3.01 0.00	75.43 3.80 0.00	64.56 3.42 0.00	65.94 3.61 0.00	63.53 3.60 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.72 4.17 0.00	72.05 4.78 0.00	79.20 5.32 0.00	71.69 4.38 0.00	63.03 3.96 0.00	54.11 3.78 0.00	48.35 3.75 0.00	44.61 3.27 -0.01
GOWANUS_GT1_6 24111	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	39.97 2.05 -0.01	43.19 2.44 -0.01	56.82 2.91 0.00	67.10 3.01 0.00	7															

GOWANUS_GT2_6 24119	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT2_7 24120	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT2_8 24121	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_1 24122	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_2 24123	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_3 24124	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_4 24125	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_5 24126	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_6 24127	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_7 24128	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT3_8 24129	42.99 2.89 -0.01	40.65 2.37 -0.01	39.53 2.06 -0.01	39.15 2.07 -0.01	39.97 2.05 -0.01	43.07 2.32 -0.01	56.76 2.86 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.49 3.36 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.65 4.09 0.00	61.63 4.25 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.95 4.41 0.01	72.17 4.91 0.01	79.12 5.25 0.01	71.81 4.51 0.01	63.13 4.07 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
GOWANUS_GT4_1 24130	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GOWANUS_GT4_2 24131	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GOWANUS_GT4_3 24132	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GOWANUS_GT4_4 24133	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01

GOWANUS_GT4_5 24134	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GOWANUS_GT4_6 24135	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GOWANUS_GT4_7 24136	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GOWANUS_GT4_8 24137	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GREATVRV_69_KV_BK1 356245	42.54 2.45 0.00	39.34 1.72 0.65	38.76 1.61 0.32	38.55 1.48 0.00	39.43 1.52 0.00	42.94 2.20 0.00	50.95 2.05 5.00	52.67 2.50 13.91	51.31 3.08 23.40	53.83 1.83 9.13	60.10 3.49 5.71	54.94 3.66 8.65	49.14 3.51 11.93	55.63 3.73 5.48	53.82 3.73 4.05	54.03 3.68 7.19	59.19 3.87 4.24	66.78 4.51 5.00	74.58 5.25 4.54	62.50 4.24 9.06	59.66 3.60 3.01	52.67 2.92 0.59	47.90 3.30 0.00	44.64 3.31 0.00
GREENBSH_115KV_TB3 55895	40.42 0.32 0.00	38.54 0.27 0.00	37.80 0.34 0.00	37.37 0.30 0.00	38.26 0.34 0.00	41.07 0.33 0.00	54.07 0.16 0.00	64.15 0.06 0.00	71.70 0.07 0.00	61.32 0.18 0.00	62.33 0.00 0.00	59.81 -0.12 0.00	57.56 0.00 0.00	57.44 0.06 0.00	54.40 0.27 0.00	58.06 0.52 0.00	60.09 0.54 0.00	68.08 0.81 0.00	74.69 0.81 0.00	67.99 0.67 0.00	59.78 0.71 0.00	50.89 0.55 0.00	44.91 0.31 0.00	41.58 0.25 0.00
GREENDGE_115KV_TB5 80291	39.42 -0.68 0.00	38.15 -0.11 0.00	37.09 -0.37 0.00	36.89 -0.19 0.00	37.50 -0.42 0.00	40.01 -0.73 0.00	52.40 -1.51 0.00	62.36 -1.73 0.00	69.71 -1.86 0.06	59.42 -1.65 0.06	60.46 -1.81 0.06	58.02 -1.86 0.06	55.43 -2.07 0.06	55.43 -1.89 0.06	52.28 -1.79 0.06	55.52 -1.96 0.06	51.50 -1.91 6.15	68.80 -2.29 -3.81	71.96 -1.92 0.00	65.57 -1.68 0.06	60.41 -1.71 -3.05	48.97 -1.31 0.06	43.58 -1.03 0.00	40.88 -0.45 0.00
GREENIDGE___3 23582	39.42 -0.68 0.00	38.15 -0.11 0.00	37.09 -0.37 0.00	36.89 -0.19 0.00	37.50 -0.42 0.00	40.01 -0.73 0.00	52.40 -1.51 0.00	62.36 -1.73 0.00	69.71 -1.86 0.06	59.42 -1.65 0.06	60.46 -1.81 0.06	58.02 -1.86 0.06	55.43 -2.07 0.06	55.43 -1.89 0.06	52.28 -1.79 0.06	55.52 -1.96 0.06	51.50 -1.91 6.15	68.80 -2.29 -3.81	71.96 -1.92 0.00	65.57 -1.68 0.06	60.41 -1.71 -3.05	48.97 -1.31 0.06	43.58 -1.03 0.00	40.88 -0.45 0.00
GREENIDGE___4 23583	39.42 -0.68 0.00	38.15 -0.11 0.00	37.28 -0.19 0.00	36.89 -0.18 0.00	37.50 -0.42 0.00	40.26 -0.49 0.00	52.88 -1.03 0.00	62.55 -1.54 0.00	69.85 -1.72 0.06	59.30 -1.77 0.06	60.46 -1.81 0.06	58.02 -1.86 0.06	55.49 -2.02 0.06	55.43 -1.89 0.06	52.50 -1.57 0.06	55.46 -2.02 0.06	51.50 -1.91 6.15	69.00 -2.09 -3.81	72.18 -1.70 0.00	65.77 -1.48 0.06	60.41 -1.71 -3.05	48.92 -1.36 0.06	43.66 -0.94 0.00	40.92 -0.41 0.00
GREENLWN_69_KV_BK 3 55738	41.78 1.68 0.00	39.44 0.99 -0.18	38.45 0.90 -0.09	37.92 0.85 0.00	38.79 0.87 0.00	42.17 1.43 0.00	52.50 0.65 2.06	53.07 0.83 11.85	53.66 1.22 19.19	53.25 1.41 9.29	65.62 1.75 -1.54	55.74 2.04 6.23	50.50 2.01 9.08	57.72 2.18 1.84	56.88 2.27 -0.48	60.33 2.07 -0.71	60.05 2.20 1.71	71.18 2.56 -1.35	78.14 3.03 -1.23	72.05 2.29 -2.45	61.82 1.95 -0.80	51.76 1.91 0.49	46.92 2.32 0.00	43.85 2.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01
GRISSOM___SOLAR 323813	41.90 1.81 0.00	39.95 1.68 0.00	39.04 1.57 0.00	38.63 1.56 0.00	39.55 1.63 0.00	42.66 1.92 0.00	56.28 2.37 0.00	67.29 3.20 0.00	75.00 3.37 0.00	63.40 2.26 0.00	64.38 2.05 0.00	62.09 2.15 0.00	59.63 2.07 0.00	59.56 2.18 0.00	56.13 2.00 0.00	60.13 2.59 0.00	62.41 2.86 0.00	70.84 3.56 0.00	77.50 3.62 0.00	70.54 3.23 0.00	62.14 3.07 0.00	52.90 2.57 0.00	46.70 2.10 0.00	43.15 1.82 0.00
GROVEVILLE___HYD 323602	42.30 2.21 0.00	40.11 1.84 0.00	39.26 1.80 0.00	38.78 1.71 0.00	39.55 1.63 0.00	42.74 2.00 0.00	56.44 2.53 0.00	67.16 3.08 0.00	75.21 3.58 0.00	64.37 3.24 0.00	65.69 3.37 0.00	63.29 3.36 0.00	61.08 3.51 0.00	61.11 3.73 0.00	57.86 3.73 0.00	61.16 3.62 0.00	63.30 3.75 0.00	71.58 4.31 0.00	78.68 4.80 0.00	71.35 4.04 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.74 -0.36 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.42 -0.49 0.00	63.58 -0.51 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.38 -0.19 -1.24	60.94 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.73 -0.22 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.80 -0.47 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.04 -0.29 0.00
HAMLTNNY_34_KV_TB 80303	39.78 -0.32 0.00	38.04 -0.23 0.00	37.20 -0.26 0.00	36.85 -0.22 0.00	37.65 -0.27 0.00	40.38 -0.37 0.00	53.42 -0.49 0.00	63.64 -0.45 0.00	71.42 -0.21 0.00	61.43 -0.31 -0.60	63.34 -0.19 -1.20	60.91 -0.18 -1.16	58.29 -0.35 -1.07	58.16 -0.29 -1.06	54.71 -0.22 -0.79	58.00 -0.35 -0.81	59.13 -0.42 0.00	66.74 -0.54 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.09 -0.25 0.00

HAMPSHIRE___PAPER_HYD 323593	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.94 1.02 0.00	42.01 1.26 0.00	55.47 1.56 0.00	65.95 1.86 0.00	73.64 2.00 0.00	63.17 1.83 -0.20	65.02 2.18 -0.51	73.39 2.10 -11.36	72.00 1.84 -12.60	59.57 1.72 -0.46	55.48 1.08 -0.27	58.96 1.15 -0.27	60.44 0.89 0.00	67.68 0.41 0.00	74.47 0.59 0.00	68.18 0.87 0.00	59.66 0.59 0.00	51.40 1.06 0.00	45.63 1.03 0.00	42.12 0.78 0.00
HARDSCRABBLE_WT_PWR 323673	40.78 0.68 0.00	38.88 0.61 0.00	38.03 0.56 0.00	37.63 0.56 0.00	38.49 0.57 0.00	41.36 0.61 0.00	54.56 0.65 0.00	64.73 0.64 0.00	72.35 0.72 0.00	61.68 0.55 0.00	62.95 0.62 0.00	60.47 0.54 0.00	58.02 0.46 0.00	57.90 0.52 0.00	54.51 0.38 0.00	58.00 0.46 0.00	60.02 0.47 0.00	67.68 0.41 0.00	74.47 0.59 0.00	67.85 0.54 0.00	59.49 0.42 0.00	50.74 0.40 0.00	44.92 0.31 0.00	41.63 0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.26 2.17 0.00	39.99 1.72 0.00	39.15 1.69 0.00	38.67 1.59 0.00	39.47 1.55 0.00	42.70 1.96 0.00	56.39 2.48 0.00	67.10 3.01 0.00	75.14 3.51 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.29 3.36 0.00	61.08 3.51 0.00	61.06 3.67 0.00	57.86 3.73 0.00	61.16 3.62 0.00	63.36 3.81 0.00	71.65 4.37 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
HARSNRAD_115KV_TB1 81005	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.82 -1.10 0.00	38.67 -2.08 0.00	49.70 -4.20 0.00	59.03 -5.06 0.00	65.52 -6.09 0.02	55.49 -5.62 0.02	57.01 -5.30 0.02	54.28 -5.63 0.02	51.90 -5.64 0.02	51.97 -5.39 0.02	49.02 -5.09 0.02	51.82 -5.70 0.02	45.91 -6.49 7.15	56.96 -7.74 2.58	66.86 -7.02 0.00	60.63 -6.66 0.02	50.45 -6.56 2.06	44.98 -5.34 0.02	41.21 -3.39 0.00	39.52 -1.82 0.00
HARZA MOOSE___RIVER 24016	41.02 0.92 0.00	39.11 0.84 0.00	38.22 0.75 0.00	37.85 0.78 0.00	38.71 0.80 0.00	41.72 0.98 0.00	55.26 1.35 0.00	65.82 1.73 0.00	73.64 2.01 0.00	62.84 1.71 0.00	64.48 2.12 -0.03	65.19 2.04 -3.22	62.88 1.73 -3.59	59.19 1.78 -0.03	55.37 1.24 0.00	58.80 1.27 0.00	60.68 1.13 0.00	68.15 0.87 0.00	75.21 1.33 0.00	68.73 1.41 0.00	60.13 1.06 0.00	51.40 1.06 0.00	45.45 0.85 0.00	41.95 0.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.50 -0.60 0.00	37.73 -0.54 0.00	36.90 -0.56 0.00	36.55 -0.52 0.00	37.35 -0.57 0.00	40.09 -0.65 0.00	53.05 -0.86 0.00	63.19 -0.90 0.00	70.84 -0.79 0.00	60.40 -0.73 0.00	61.70 -0.62 0.00	59.27 -0.66 0.00	56.82 -0.75 0.00	56.75 -0.63 0.00	53.53 -0.60 0.00	56.85 -0.69 0.00	58.78 -0.77 0.00	66.33 -0.94 0.00	72.99 -0.89 0.00	66.50 -0.81 0.00	58.30 -0.77 0.00	49.58 -0.76 0.00	43.93 -0.67 0.00	40.80 -0.54 0.00
HELLGATE_13_KV_LD 55870	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.15 2.40 0.00	56.82 2.91 0.00	67.10 3.01 0.00	75.36 3.72 0.00	64.62 3.48 0.00	65.94 3.61 0.00	63.71 3.78 0.00	61.65 4.09 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.62 4.09 0.00	63.84 4.29 0.00	72.12 4.84 0.00	79.05 5.17 0.00	71.62 4.31 0.00	63.03 3.96 0.00	54.22 3.88 0.00	48.31 3.70 0.00	44.60 3.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.15 2.40 0.00	56.82 2.91 0.00	67.10 3.01 0.00	75.36 3.72 0.00	64.62 3.48 0.00	65.94 3.61 0.00	63.71 3.78 0.00	61.65 4.09 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.62 4.09 0.00	63.84 4.29 0.00	72.12 4.84 0.00	79.05 5.17 0.00	71.62 4.31 0.00	63.03 3.96 0.00	54.22 3.88 0.00	48.31 3.70 0.00	44.60 3.27 0.00
HEMPSTEAD____ 23647	42.11 2.00 -0.01	39.64 1.38 0.00	38.63 1.16 0.00	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	54.17 1.62 1.35	59.95 2.05 6.19	64.24 2.72 10.11	58.92 2.45 4.66	65.52 3.18 -0.01	61.78 3.47 1.63	56.08 3.40 4.88	60.38 3.62 0.63	57.35 3.47 0.25	60.50 3.45 0.49	62.05 3.63 1.13	71.32 4.04 -0.01	78.32 4.43 -0.01	71.43 4.11 -0.01	62.43 3.37 0.01	53.06 2.87 0.15	47.51 2.90 -0.01	44.07 2.73 -0.01
HICKLING___1 23621	38.77 -1.32 0.00	37.81 -0.46 0.00	36.68 -0.79 0.00	36.55 -0.52 0.00	37.05 -0.87 0.00	39.40 -1.34 0.00	51.70 -2.21 0.00	61.27 -2.82 0.00	68.28 -3.30 0.06	58.57 -2.51 0.06	59.46 -2.80 0.06	57.12 -2.76 0.06	54.63 -2.88 0.06	54.63 -2.70 0.06	51.64 -2.44 0.06	54.78 -2.70 0.06	43.79 -2.62 13.14	62.01 -3.36 1.90	70.63 -3.25 0.00	64.49 -2.76 0.06	54.77 -2.78 1.52	47.76 -2.52 0.06	42.55 -2.05 0.00	40.34 -0.99 0.00
HICKLING___2 23622	38.77 -1.32 0.00	37.81 -0.46 0.00	36.68 -0.79 0.00	36.55 -0.52 0.00	37.05 -0.87 0.00	39.40 -1.34 0.00	51.70 -2.21 0.00	61.27 -2.82 0.00	68.28 -3.30 0.06	58.57 -2.51 0.06	59.46 -2.80 0.06	57.12 -2.76 0.06	54.63 -2.88 0.06	54.63 -2.70 0.06	51.64 -2.44 0.06	54.78 -2.70 0.06	43.79 -2.62 13.14	62.01 -3.36 1.90	70.63 -3.25 0.00	64.49 -2.76 0.06	54.77 -2.78 1.52	47.76 -2.52 0.06	42.55 -2.05 0.00	40.34 -0.99 0.00
HIGH FALLS___HY 23754	42.46 2.37 0.00	40.22 1.95 0.00	39.38 1.91 0.00	38.92 1.85 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.71 2.80 0.00	67.61 3.52 0.00	75.57 3.94 0.00	64.56 3.42 0.00	65.82 3.49 0.00	63.35 3.42 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.86 3.73 0.00	61.22 3.68 0.00	63.48 3.93 0.00	71.71 4.44 0.00	78.98 5.10 0.00	71.62 4.31 0.00	62.97 3.90 0.00	53.81 3.47 0.00	47.59 2.99 0.00	43.94 2.60 0.00
HIGH_RIVER___SOLAR 323847	41.70 1.61 0.00	39.76 1.49 0.00	38.89 1.42 0.00	38.48 1.41 0.00	39.36 1.44 0.00	42.41 1.67 0.00	55.96 2.05 0.00	66.84 2.75 0.00	74.28 2.65 0.00	62.66 1.53 0.00	63.51 1.18 0.00	61.25 1.32 0.00	59.06 1.49 0.00	59.05 1.67 0.00	55.70 1.57 0.00	59.61 2.07 0.00	61.93 2.38 0.00	70.37 3.10 0.00	77.13 3.25 0.00	70.20 2.89 0.00	61.79 2.72 0.00	52.61 2.27 0.00	46.43 1.83 0.00	42.94 1.61 0.00
HILLBURN___GT 23639	42.18 2.08 0.00	39.91 1.64 0.00	38.97 1.50 0.00	38.63 1.56 0.00	39.44 1.52 0.00	42.49 1.75 0.00	56.28 2.37 0.00	67.04 2.95 0.00	75.28 3.65 0.00	64.37 3.24 0.00	65.82 3.49 0.00	63.53 3.60 0.00	61.36 3.80 0.00	61.34 3.96 0.00	57.97 3.84 0.00	61.34 3.80 0.00	63.66 4.11 0.00	71.78 4.51 0.00	78.68 4.80 0.00	71.49 4.17 0.00	62.97 3.90 0.00	53.66 3.32 0.00	47.55 2.94 0.00	43.81 2.48 0.00
HILLSIDE_115KV_TB1 80332	38.25 -1.84 0.00	37.27 -0.99 0.00	36.19 -1.27 0.00	36.07 -1.00 0.00	36.51 -1.40 0.00	38.87 -1.87 0.00	51.05 -2.86 0.00	60.44 -3.65 0.00	67.21 -4.37 0.05	57.72 -3.36 0.05	58.53 -3.74 0.05	56.28 -3.60 0.05	53.88 -3.63 0.05	53.89 -3.44 0.05	50.99 -3.09 0.05	54.15 -3.34 0.05	44.50 -3.33 11.71	61.71 -4.17 1.40	69.74 -4.14 0.00	63.62 -3.63 0.05	54.47 -3.49 1.12	47.11 -3.17 0.05	41.88 -2.72 0.00	39.76 -1.57 0.00

HISHELDN_WT_PWR 323625	38.25 -1.84 0.00	37.58 -0.69 0.00	36.68 -0.79 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	39.07 -1.67 0.00	51.00 -2.91 0.00	59.47 -4.62 0.00	66.01 -5.59 0.03	56.09 -5.01 0.03	57.12 -5.17 0.03	54.51 -5.39 0.03	52.12 -5.41 0.03	52.19 -5.16 0.03	49.07 -5.03 0.03	52.16 -5.35 0.03	40.09 -5.72 13.74	54.69 -6.52 6.06	68.04 -5.84 0.00	62.16 -5.12 0.03	48.97 -5.26 4.84	46.03 -4.28 0.03	41.75 -2.86 0.00	39.72 -1.61 0.00
HOLTSVILLE_IC_1 23690	41.70 1.61 0.00	37.63 0.80 1.44	37.35 0.60 0.71	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.38 0.48 8.01	48.08 0.77 16.78	44.03 1.29 28.89	52.76 1.29 9.66	51.49 1.81 12.64	50.36 2.22 11.79	44.27 2.07 15.37	50.40 2.30 9.28	48.00 2.27 8.40	44.92 2.19 14.81	55.00 2.26 6.81	58.76 2.56 11.07	66.71 2.88 10.05	50.03 2.76 20.04	54.49 2.07 6.65	51.36 1.76 0.74	46.83 2.23 0.00	43.64 2.31 0.00
HOLTSVILLE_IC_10 23699	41.82 1.72 0.00	37.80 0.92 1.39	37.49 0.71 0.68	37.89 0.81 0.00	38.79 0.87 0.00	41.80 1.06 0.00	46.83 0.70 7.78	48.64 1.02 16.47	44.88 1.57 28.33	53.06 1.46 9.54	52.28 2.12 12.17	50.92 2.46 11.47	44.88 2.36 15.04	50.99 2.58 8.98	48.58 2.54 8.10	45.74 2.47 14.27	55.49 2.56 6.61	59.58 2.96 10.65	67.54 3.33 9.67	51.12 3.10 19.29	55.04 2.37 6.40	51.58 1.96 0.72	47.00 2.41 0.00	43.77 2.44 0.00
HOLTSVILLE_IC_2 23691	41.70 1.61 0.00	37.63 0.80 1.44	37.35 0.60 0.71	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.38 0.48 8.01	48.08 0.77 16.78	44.03 1.29 28.89	52.76 1.29 9.66	51.49 1.81 12.64	50.36 2.22 11.79	44.27 2.07 15.37	50.40 2.30 9.28	48.00 2.27 8.40	44.92 2.19 14.81	55.00 2.26 6.81	58.76 2.56 11.07	66.71 2.88 10.05	50.03 2.76 20.04	54.49 2.07 6.65	51.36 1.76 0.74	46.83 2.23 0.00	43.64 2.31 0.00
HOLTSVILLE_IC_3 23692	41.70 1.61 0.00	37.63 0.80 1.44	37.35 0.60 0.71	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.38 0.48 8.01	48.08 0.77 16.78	44.03 1.29 28.89	52.76 1.29 9.66	51.49 1.81 12.64	50.36 2.22 11.79	44.27 2.07 15.37	50.40 2.30 9.28	48.00 2.27 8.40	44.92 2.19 14.81	55.00 2.26 6.81	58.76 2.56 11.07	66.71 2.88 10.05	50.03 2.76 20.04	54.49 2.07 6.65	51.36 1.76 0.74	46.83 2.23 0.00	43.64 2.31 0.00
HOLTSVILLE_IC_4 23693	41.70 1.61 0.00	37.63 0.80 1.44	37.35 0.60 0.71	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.38 0.48 8.01	48.08 0.77 16.78	44.03 1.29 28.89	52.76 1.29 9.66	51.49 1.81 12.64	50.36 2.22 11.79	44.27 2.07 15.37	50.40 2.30 9.28	48.00 2.27 8.40	44.92 2.19 14.81	55.00 2.26 6.81	58.76 2.56 11.07	66.71 2.88 10.05	50.03 2.76 20.04	54.49 2.07 6.65	51.36 1.76 0.74	46.83 2.23 0.00	43.64 2.31 0.00
HOLTSVILLE_IC_5 23694	41.70 1.61 0.00	37.63 0.80 1.44	37.35 0.60 0.71	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.38 0.48 8.01	48.08 0.77 16.78	44.03 1.29 28.89	52.76 1.29 9.66	51.49 1.81 12.64	50.36 2.22 11.79	44.27 2.07 15.37	50.40 2.30 9.28	48.00 2.27 8.40	44.92 2.19 14.81	55.00 2.26 6.81	58.76 2.56 11.07	66.71 2.88 10.05	50.03 2.76 20.04	54.49 2.07 6.65	51.36 1.76 0.74	46.83 2.23 0.00	43.64 2.31 0.00
HOLTSVILLE_IC_6 23695	41.82 1.72 0.00	37.80 0.92 1.39	37.49 0.71 0.68	37.89 0.81 0.00	38.79 0.87 0.00	41.80 1.06 0.00	46.83 0.70 7.78	48.64 1.02 16.47	44.88 1.57 28.33	53.06 1.46 9.54	52.28 2.12 12.17	50.92 2.46 11.47	44.88 2.36 15.04	50.99 2.58 8.98	48.58 2.54 8.10	45.74 2.47 14.27	55.49 2.56 6.61	59.58 2.96 10.65	67.54 3.33 9.67	51.12 3.10 19.29	55.04 2.37 6.40	51.58 1.96 0.72	47.00 2.41 0.00	43.77 2.44 0.00
HOLTSVILLE_IC_7 23696	41.82 1.72 0.00	37.80 0.92 1.39	37.49 0.71 0.68	37.89 0.81 0.00	38.79 0.87 0.00	41.80 1.06 0.00	46.83 0.70 7.78	48.64 1.02 16.47	44.88 1.57 28.33	53.06 1.46 9.54	52.28 2.12 12.17	50.92 2.46 11.47	44.88 2.36 15.04	50.99 2.58 8.98	48.58 2.54 8.10	45.74 2.47 14.27	55.49 2.56 6.61	59.58 2.96 10.65	67.54 3.33 9.67	51.12 3.10 19.29	55.04 2.37 6.40	51.58 1.96 0.72	47.00 2.41 0.00	43.77 2.44 0.00
HOLTSVILLE_IC_8 23697	41.82 1.72 0.00	37.80 0.92 1.39	37.49 0.71 0.68	37.89 0.81 0.00	38.79 0.87 0.00	41.80 1.06 0.00	46.83 0.70 7.78	48.64 1.02 16.47	44.88 1.57 28.33	53.06 1.46 9.54	52.28 2.12 12.17	50.92 2.46 11.47	44.88 2.36 15.04	50.99 2.58 8.98	48.58 2.54 8.10	45.74 2.47 14.27	55.49 2.56 6.61	59.58 2.96 10.65	67.54 3.33 9.67	51.12 3.10 19.29	55.04 2.37 6.40	51.58 1.96 0.72	47.00 2.41 0.00	43.77 2.44 0.00
HOLTSVILLE_IC_9 23698	41.82 1.72 0.00	37.80 0.92 1.39	37.49 0.71 0.68	37.89 0.81 0.00	38.79 0.87 0.00	41.80 1.06 0.00	46.83 0.70 7.78	48.64 1.02 16.47	44.88 1.57 28.33	53.06 1.46 9.54	52.28 2.12 12.17	50.92 2.46 11.47	44.88 2.36 15.04	50.99 2.58 8.98	48.58 2.54 8.10	45.74 2.47 14.27	55.49 2.56 6.61	59.58 2.96 10.65	67.54 3.33 9.67	51.12 3.10 19.29	55.04 2.37 6.40	51.58 1.96 0.72	47.00 2.41 0.00	43.77 2.44 0.00
HOMER_HL_115KV_TB2 355744	37.85 -2.25 0.00	37.12 -1.15 0.00	35.97 -1.50 0.00	35.88 -1.19 0.00	36.21 -1.71 0.00	38.42 -2.32 0.00	50.40 -3.50 0.00	59.47 -4.61 0.00	65.88 -5.73 0.03	57.62 -3.48 0.03	58.31 -3.99 0.03	56.43 -3.48 0.03	54.26 -3.28 0.03	54.26 -3.10 0.03	51.50 -2.60 0.03	55.15 -2.36 0.03	48.38 -2.44 8.73	60.35 -3.83 3.09	69.15 -4.73 0.00	63.52 -3.77 0.03	52.99 -3.60 2.47	46.74 -3.57 0.03	41.17 -3.43 0.00	39.39 -1.94 0.00
HOWARD_WT_PWR 323690	38.78 -1.32 0.00	37.89 -0.38 0.00	36.98 -0.49 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	39.28 -1.47 0.00	51.43 -2.48 0.00	60.24 -3.84 0.00	66.99 -4.59 0.06	56.67 -4.40 0.06	57.84 -4.42 0.06	55.44 -4.43 0.06	52.96 -4.55 0.06	52.96 -4.36 0.06	49.79 -4.28 0.06	52.93 -4.55 0.06	59.16 -4.53 -4.14	73.78 -4.77 -11.28	69.59 -4.29 0.00	63.68 -3.57 0.06	64.78 -3.31 -9.02	47.56 -2.72 0.06	42.69 -1.92 0.00	40.39 -0.95 0.00
HQ_GEN_CEDARS 23644	40.98 0.88 0.00	39.19 0.92 0.00	38.36 0.90 0.00	37.89 0.82 0.00	38.87 0.95 0.00	41.76 1.02 0.00	55.47 1.56 0.00	65.82 1.73 0.00	73.57 1.93 0.00	62.78 1.65 0.00	64.26 1.68 -0.25	88.17 1.80 -26.44	88.77 1.73 -29.48	59.13 1.49 -0.25	55.21 1.08 0.00	58.75 1.21 0.00	60.68 1.13 0.00	68.35 1.08 0.00	74.77 0.89 0.00	68.39 1.08 0.00	59.96 0.89 0.00	51.25 0.91 0.00	45.49 0.89 0.00	42.04 0.70 0.00
HQ_GEN_CEDARS_PROXY 323590	40.98 0.88 0.00	39.19 0.92 0.00	38.36 0.90 0.00	37.89 0.81 0.00	38.87 0.95 0.00	41.76 1.02 0.00	55.36 1.46 0.00	66.15 1.54 -0.53	72.89 1.79 0.53	64.24 1.53 -1.57	62.62 1.62 1.32	87.99 1.62 -26.44	88.60 1.55 -29.48	58.96 1.32 -0.25	55.10 0.98 0.00	56.31 1.04 2.27	62.77 0.95 -2.27	68.15 0.87 0.00	74.62 0.74 0.00	68.25 0.94 0.00	59.84 0.77 0.00	51.19 0.85 0.00	45.49 0.89 0.00	42.12 0.78 0.00

HQ_GEN_IMPORT 323601	40.30 0.20 0.00	38.46 0.19 0.00	37.65 0.19 0.00	37.26 0.19 0.00	38.11 0.19 0.00	40.99 0.25 0.00	54.29 0.38 0.00	65.01 0.39 -0.53	71.53 0.43 0.53	63.08 0.37 -1.57	61.12 0.38 1.58	59.50 0.36 0.80	57.02 0.35 0.89	57.61 0.23 0.01	54.29 0.16 0.00	55.39 0.12 2.27	61.94 0.12 -2.27	67.34 0.07 0.00	73.88 0.00 0.00	67.38 0.07 0.00	59.13 0.06 0.00	50.44 0.10 0.00	44.78 0.18 0.00	41.46 0.12 0.00
HQ_GEN_WHEEL 23651	40.30 0.20 0.00	38.46 0.19 0.00	37.65 0.19 0.00	37.26 0.19 0.00	38.11 0.19 0.00	40.99 0.25 0.00	54.29 0.38 0.00	65.01 0.39 -0.53	71.53 0.43 0.53	63.08 0.37 -1.57	61.12 0.38 1.58	59.50 0.36 0.80	57.02 0.35 0.89	57.61 0.23 0.01	54.29 0.16 0.00	55.39 0.12 2.27	61.94 0.12 -2.27	67.34 0.07 0.00	73.88 0.00 0.00	67.38 0.07 0.00	59.13 0.06 0.00	50.44 0.10 0.00	44.78 0.18 0.00	41.46 0.12 0.00
HUDSON AVE_GT_3 23810	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.25 3.93 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.62 4.49 0.00	61.91 4.37 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.08 3.48 0.00	44.35 3.02 0.00
HUDSON AVE_GT_4 23540	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.25 3.93 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.62 4.49 0.00	61.91 4.37 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.08 3.48 0.00	44.35 3.02 0.00
HUDSON AVE_GT_5 23657	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.25 3.93 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.62 4.49 0.00	61.91 4.37 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.08 3.48 0.00	44.35 3.02 0.00
HUDSON_AVE_10 24168	42.50 2.41 0.00	40.18 1.91 0.00	39.26 1.80 0.00	38.78 1.71 0.00	39.62 1.71 0.00	42.86 2.12 0.00	56.66 2.75 0.00	67.23 3.14 0.00	75.57 3.94 0.00	64.80 3.67 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.77 4.20 0.00	61.75 4.36 0.00	58.51 4.38 0.00	61.74 4.20 0.00	64.02 4.47 0.00	72.25 4.98 0.00	79.27 5.39 0.00	71.75 4.44 0.00	63.20 4.13 0.00	54.16 3.83 0.00	47.99 3.39 0.00	44.27 2.93 0.00
HUDSON___115KV_TB 4 355613	41.14 1.04 0.00	39.23 0.96 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.80 1.06 0.00	55.09 1.19 0.00	65.50 1.41 0.00	72.99 1.36 0.00	62.17 1.04 0.00	63.08 0.75 0.00	60.47 0.54 0.00	58.08 0.52 0.00	58.02 0.63 0.00	55.00 0.87 0.00	58.69 1.15 0.00	60.86 1.31 0.00	69.16 1.88 0.00	76.02 2.14 0.00	69.06 1.75 0.00	60.78 1.71 0.00	51.70 1.36 0.00	45.63 1.03 0.00	42.24 0.91 0.00
HUNTER MOUNT___DRP 323613	41.18 1.08 0.00	39.30 1.03 0.00	38.51 1.05 0.00	38.07 1.00 0.00	38.90 0.99 0.00	41.84 1.10 0.00	55.20 1.29 0.00	65.69 1.60 0.00	73.07 1.43 0.00	62.17 1.04 0.00	63.08 0.75 0.00	60.41 0.48 0.00	58.03 0.46 0.00	58.02 0.63 0.00	54.89 0.76 0.00	58.63 1.09 0.00	60.74 1.19 0.00	69.09 1.82 0.00	76.02 2.14 0.00	69.00 1.68 0.00	60.72 1.65 0.00	51.70 1.36 0.00	45.58 0.98 0.00	42.20 0.87 0.00
HUNTINGTON_RES_REC 323705	41.78 1.68 0.00	36.57 0.92 2.62	36.89 0.71 1.29	37.89 0.81 0.00	38.75 0.83 0.00	41.76 1.02 0.00	42.29 0.59 12.21	45.19 0.90 19.79	38.06 1.43 35.01	52.98 1.34 9.50	41.30 1.93 22.96	46.87 2.28 15.33	40.26 2.19 19.49	45.30 2.41 14.49	41.67 2.38 14.84	33.80 2.30 26.04	51.51 2.38 10.42	49.94 2.76 20.09	58.74 3.10 18.24	33.88 2.96 36.39	49.25 2.24 12.06	51.37 1.91 0.88	46.96 2.36 0.00	43.77 2.44 0.00
HUNTLEY___63 23557	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.62 -2.12 0.00	49.81 -4.10 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	55.85 -5.26 0.02	57.38 -4.92 0.02	54.70 -5.21 0.02	52.25 -5.30 0.02	52.43 -4.94 0.02	49.45 -4.66 0.02	52.22 -5.29 0.02	46.03 -5.78 7.74	57.13 -7.27 2.87	67.23 -6.65 0.00	60.96 -6.33 0.02	50.50 -6.26 2.30	45.23 -5.08 0.02	41.30 -3.30 0.00	39.47 -1.86 0.00
HUNTLEY___64 23558	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.62 -2.12 0.00	49.81 -4.10 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	55.85 -5.26 0.02	57.38 -4.92 0.02	54.70 -5.21 0.02	52.25 -5.30 0.02	52.43 -4.94 0.02	49.45 -4.66 0.02	52.22 -5.29 0.02	46.03 -5.78 7.74	57.13 -7.27 2.87	67.23 -6.65 0.00	60.96 -6.33 0.02	50.50 -6.26 2.30	45.23 -5.08 0.02	41.30 -3.30 0.00	39.47 -1.86 0.00
HUNTLEY___65 23559	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.62 -2.12 0.00	49.81 -4.10 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	55.85 -5.26 0.02	57.38 -4.92 0.02	54.70 -5.21 0.02	52.25 -5.30 0.02	52.43 -4.94 0.02	49.45 -4.66 0.02	52.22 -5.29 0.02	46.03 -5.78 7.74	57.13 -7.27 2.87	67.23 -6.65 0.00	60.96 -6.33 0.02	50.50 -6.26 2.30	45.23 -5.08 0.02	41.30 -3.30 0.00	39.47 -1.86 0.00
HUNTLEY___66 23560	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.62 -2.12 0.00	49.81 -4.10 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	55.85 -5.26 0.02	57.38 -4.92 0.02	54.70 -5.21 0.02	52.25 -5.30 0.02	52.43 -4.94 0.02	49.45 -4.66 0.02	52.22 -5.29 0.02	46.03 -5.78 7.74	57.13 -7.27 2.87	67.23 -6.65 0.00	60.96 -6.33 0.02	50.50 -6.26 2.30	45.23 -5.08 0.02	41.30 -3.30 0.00	39.47 -1.86 0.00
HUNTLEY___67 23561	38.01 -2.09 0.00	37.54 -0.73 0.00	36.19 -1.27 0.00	36.22 -0.85 0.00	36.55 -1.37 0.00	38.42 -2.32 0.00	49.70 -4.20 0.00	59.09 -5.00 0.00	65.52 -6.09 0.02	55.67 -5.44 0.02	57.13 -5.17 0.02	54.52 -5.39 0.02	52.13 -5.41 0.02	52.25 -5.11 0.02	49.29 -4.82 0.02	52.11 -5.41 0.02	45.46 -6.01 8.07	56.93 -7.27 3.08	67.08 -6.80 0.00	60.90 -6.39 0.02	50.34 -6.26 2.46	45.18 -5.13 0.02	41.12 -3.48 0.00	39.27 -2.07 0.00
HUNTLEY___68 23562	38.01 -2.09 0.00	37.54 -0.73 0.00	36.19 -1.27 0.00	36.22 -0.85 0.00	36.55 -1.37 0.00	38.42 -2.32 0.00	49.70 -4.20 0.00	59.09 -5.00 0.00	65.52 -6.09 0.02	55.67 -5.44 0.02	57.13 -5.17 0.02	54.52 -5.39 0.02	52.13 -5.41 0.02	52.25 -5.11 0.02	49.29 -4.82 0.02	52.11 -5.41 0.02	45.46 -6.01 8.07	56.93 -7.27 3.08	67.08 -6.80 0.00	60.90 -6.39 0.02	50.34 -6.26 2.46	45.18 -5.13 0.02	41.12 -3.48 0.00	39.27 -2.07 0.00

HYLAND___LFGE 323620	40.46 0.36 0.00	39.46 1.19 0.00	38.48 1.01 0.00	38.00 0.93 0.00	38.64 0.72 0.00	41.31 0.57 0.00	54.72 0.81 0.00	64.48 0.39 0.00	71.31 -0.29 0.03	60.06 -1.04 0.03	60.61 -1.68 0.03	57.74 -2.16 0.03	55.00 -2.53 0.03	54.88 -2.47 0.03	51.82 -2.27 0.03	55.38 -2.13 0.03	67.29 -1.78 -9.52	77.36 -1.14 -11.23	74.62 0.74 0.00	68.09 0.81 0.03	67.87 -0.18 -8.98	50.01 -0.30 0.03	44.83 0.22 0.00	42.12 0.78 0.00
INDECK___CORINTH 23802	41.14 1.04 0.00	39.23 0.96 0.00	38.33 0.86 0.00	37.92 0.85 0.00	38.83 0.91 0.00	41.80 1.06 0.00	54.99 1.08 0.00	65.75 1.66 0.00	72.78 1.14 0.00	62.05 0.92 0.00	63.57 1.25 0.00	60.95 1.02 0.00	58.43 0.86 0.00	58.42 1.03 0.00	55.05 0.92 0.00	58.86 1.32 0.00	60.92 1.37 0.00	69.15 1.88 0.00	75.50 1.62 0.00	68.66 1.35 0.00	60.78 1.71 0.00	51.60 1.26 0.00	45.67 1.07 0.00	42.24 0.91 0.00
INDECK___ILION 23567	40.58 0.48 0.00	38.69 0.42 0.00	37.88 0.41 0.00	37.48 0.41 0.00	38.33 0.42 0.00	41.19 0.45 0.00	54.39 0.49 0.00	64.60 0.51 0.00	72.21 0.57 0.00	61.62 0.49 0.00	62.89 0.56 0.00	60.41 0.48 0.00	57.97 0.40 0.00	57.84 0.46 0.00	54.56 0.43 0.00	58.00 0.46 0.00	60.03 0.48 0.00	67.74 0.47 0.00	74.54 0.66 0.00	67.92 0.61 0.00	59.54 0.47 0.00	50.79 0.45 0.00	44.96 0.36 0.00	41.66 0.33 0.00
INDECK___OLEAN 23982	37.85 -2.24 0.00	37.12 -1.15 0.00	36.23 -1.24 0.00	35.88 -1.19 0.00	36.21 -1.71 0.00	38.79 -1.95 0.00	51.16 -2.75 0.00	59.73 -4.36 0.00	66.16 -5.45 0.03	55.97 -5.14 0.03	58.75 -3.55 0.03	56.43 -3.48 0.03	54.32 -3.22 0.03	54.31 -3.04 0.03	50.42 -3.68 0.03	54.40 -3.11 0.03	48.50 -2.32 8.73	61.02 -3.16 3.09	68.41 -5.47 0.00	62.37 -4.91 0.03	52.99 -3.61 2.47	46.64 -3.67 0.03	41.35 -3.25 0.00	39.43 -1.90 0.00
INDECK___OSWEGO 23783	39.14 -0.96 0.00	37.39 -0.88 0.00	36.61 -0.86 0.00	36.22 -0.85 0.00	37.01 -0.91 0.00	39.81 -0.94 0.00	52.67 -1.24 0.00	62.17 -1.92 0.00	69.49 -2.15 0.00	61.64 -1.83 -2.34	65.07 -1.93 -4.68	62.58 -1.86 -4.50	59.95 -1.78 -4.17	59.80 -1.72 -4.14	55.60 -1.62 -3.09	58.97 -1.72 -3.15	57.64 -1.91 0.00	65.06 -2.22 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.35 -1.71 0.00	49.18 -1.16 0.00	43.58 -1.02 0.00	40.39 -0.95 0.00
INDECK___YERKES 23781	38.33 -1.76 0.00	37.96 -0.31 0.00	36.90 -0.56 0.00	36.48 -0.59 0.00	36.82 -1.10 0.00	39.28 -1.47 0.00	50.94 -2.96 0.00	59.60 -4.49 0.00	66.02 -5.59 0.02	56.41 -4.71 0.02	57.20 -5.11 0.02	54.64 -5.27 0.02	52.25 -5.29 0.02	52.43 -4.94 0.02	49.51 -4.60 0.02	52.45 -5.06 0.02	46.04 -5.78 7.74	57.34 -7.06 2.87	68.26 -5.62 0.00	61.90 -5.39 0.02	50.62 -6.14 2.30	45.28 -5.03 0.02	41.48 -3.12 0.00	39.56 -1.78 0.00
INDIAN POINT_GT_1 24139	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.54 1.79 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.23 3.30 0.00	61.02 3.45 0.00	61.06 3.67 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.36 3.81 0.00	71.58 4.31 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
INDIAN POINT_GT_2 23659	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.54 1.79 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.23 3.30 0.00	61.02 3.45 0.00	61.06 3.67 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.36 3.81 0.00	71.58 4.31 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
INDIAN POINT_GT_3 24019	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.54 1.79 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.23 3.30 0.00	61.02 3.45 0.00	61.06 3.67 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.36 3.81 0.00	71.58 4.31 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
INDIAN POINT___2 23530	42.10 2.00 0.00	39.80 1.53 0.00	38.89 1.42 0.00	38.52 1.44 0.00	39.36 1.44 0.00	42.41 1.67 0.00	56.12 2.21 0.00	66.84 2.75 0.00	75.07 3.44 0.00	64.19 3.06 0.00	65.63 3.30 0.00	63.41 3.47 0.00	61.19 3.63 0.00	61.17 3.79 0.00	57.81 3.68 0.00	61.22 3.69 0.00	63.48 3.93 0.00	71.64 4.37 0.00	78.46 4.58 0.00	71.28 3.97 0.00	62.79 3.72 0.00	53.56 3.22 0.00	47.46 2.86 0.00	43.73 2.40 0.00
INDIAN POINT___3 23531	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.51 3.18 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.76 3.63 0.00	61.05 3.51 0.00	63.30 3.75 0.00	71.51 4.24 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.61 3.54 0.00	53.56 3.22 0.00	47.46 2.85 0.00	43.81 2.48 0.00
INGHAM_C_115KV_TB7 356103	41.10 1.00 0.00	39.23 0.96 0.00	38.33 0.86 0.00	37.96 0.89 0.00	38.79 0.87 0.00	41.72 0.98 0.00	54.93 1.02 0.00	65.24 1.15 0.00	72.85 1.22 0.00	62.17 1.04 0.00	63.45 1.12 0.00	60.95 1.02 0.00	58.43 0.86 0.00	58.30 0.92 0.00	54.94 0.81 0.00	58.46 0.92 0.00	60.44 0.89 0.00	68.15 0.87 0.00	75.06 1.18 0.00	68.39 1.08 0.00	59.96 0.89 0.00	51.19 0.86 0.00	45.32 0.71 0.00	42.00 0.66 0.00
IP CORINTH___1 23988	41.34 1.24 0.00	39.42 1.15 0.00	38.55 1.09 0.00	38.11 1.04 0.00	39.06 1.14 0.00	42.05 1.30 0.00	55.36 1.46 0.00	65.88 1.79 0.00	73.14 1.50 0.00	62.36 1.22 0.00	63.76 1.43 0.00	61.13 1.20 0.00	58.60 1.04 0.00	58.59 1.21 0.00	55.32 1.19 0.00	59.09 1.55 0.00	61.16 1.61 0.00	69.43 2.15 0.00	75.95 2.07 0.00	69.06 1.75 0.00	61.02 1.95 0.00	51.85 1.51 0.00	45.94 1.34 0.00	42.49 1.16 0.00
IP___TICONDEROGA 23804	42.62 2.53 0.00	40.72 2.45 0.00	39.75 2.29 0.00	39.26 2.19 0.00	40.23 2.31 0.00	43.39 2.65 0.00	57.14 3.23 0.00	68.13 4.04 0.00	75.57 3.94 0.00	64.25 3.12 0.00	65.69 3.37 0.00	63.11 3.18 0.00	60.33 2.76 0.00	60.31 2.93 0.00	56.78 2.65 0.00	60.76 3.22 0.00	62.88 3.33 0.00	71.58 4.31 0.00	78.24 4.36 0.00	71.22 3.90 0.00	62.97 3.90 0.00	53.41 3.07 0.00	47.23 2.63 0.00	43.65 2.31 0.00
ISLIP_RES_REC 323679	41.98 1.89 0.00	38.11 1.07 1.23	37.72 0.86 0.61	38.03 0.96 0.00	38.90 0.98 0.00	41.96 1.22 0.00	47.68 0.97 7.20	49.50 1.35 15.93	46.27 1.93 27.30	53.39 1.71 9.45	54.00 2.50 10.82	51.87 2.82 10.88	45.82 2.65 14.39	52.06 2.92 8.25	49.74 2.87 7.25	47.56 2.82 12.80	56.35 2.92 6.12	61.09 3.30 9.47	68.97 3.69 8.60	53.65 3.50 17.16	56.04 2.66 5.69	51.81 2.16 0.69	47.23 2.63 0.00	43.94 2.61 0.00

JAMAICA__27_KV_LOAD 355505	42.66 2.57 0.00	40.30 2.03 0.00	39.34 1.87 0.00	38.81 1.74 0.00	39.66 1.74 0.00	42.94 2.20 0.00	56.87 2.96 0.00	67.49 3.40 0.00	75.79 4.15 0.00	64.98 3.85 0.00	66.19 3.86 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.86 4.48 0.00	58.73 4.60 0.00	61.85 4.32 0.00	64.19 4.64 0.00	72.45 5.18 0.00	79.49 5.61 0.00	71.96 4.64 0.00	63.38 4.31 0.00	54.42 4.08 0.00	48.21 3.61 0.00	44.43 3.10 0.00
JANIS__SOLAR 323808	41.34 1.24 0.00	39.57 1.30 0.00	38.74 1.27 0.00	38.37 1.30 0.00	39.17 1.25 0.00	42.17 1.43 0.00	55.96 2.05 0.00	66.52 2.43 0.00	74.62 2.94 -0.05	63.26 2.08 -0.05	64.37 1.99 -0.05	61.90 1.92 -0.05	59.17 1.55 -0.05	59.10 1.67 -0.05	55.53 1.35 -0.05	59.26 1.67 -0.05	72.70 2.03 -11.13	69.75 2.42 -0.06	76.84 2.96 0.00	70.32 2.96 -0.05	61.48 2.37 -0.05	52.20 1.81 -0.05	46.12 1.52 0.00	42.74 1.41 0.00
JARVIS____ 23743	40.22 0.12 0.00	38.35 0.08 0.00	37.54 0.08 0.00	37.15 0.07 0.00	37.99 0.08 0.00	40.82 0.08 0.00	53.96 0.05 0.00	64.22 0.13 0.00	71.78 0.14 0.00	61.26 0.12 0.00	62.45 0.12 0.00	60.05 0.12 0.00	57.68 0.12 0.00	57.56 0.17 0.00	54.29 0.16 0.00	57.77 0.23 0.00	59.79 0.24 0.00	67.54 0.27 0.00	74.18 0.30 0.00	67.58 0.27 0.00	59.31 0.24 0.00	50.54 0.20 0.00	44.74 0.13 0.00	41.46 0.12 0.00
JENNISON____1 23625	41.38 1.28 0.00	39.61 1.34 0.00	38.70 1.24 0.00	38.41 1.33 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.69 1.78 0.00	66.40 2.31 0.00	74.58 2.94 -0.01	63.65 2.51 -0.01	64.96 2.62 -0.01	62.52 2.58 -0.01	59.82 2.25 -0.01	59.81 2.41 -0.01	56.20 2.06 -0.01	59.85 2.30 -0.01	64.77 2.38 -2.84	69.64 2.69 0.32	77.13 3.25 0.00	70.56 3.23 -0.01	61.41 2.60 0.26	52.27 1.91 -0.01	46.21 1.61 0.00	42.86 1.53 0.00
JENNISON____2 23626	41.38 1.28 0.00	39.61 1.34 0.00	38.70 1.24 0.00	38.41 1.33 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.69 1.78 0.00	66.40 2.31 0.00	74.58 2.94 -0.01	63.65 2.51 -0.01	64.96 2.62 -0.01	62.52 2.58 -0.01	59.82 2.25 -0.01	59.81 2.41 -0.01	56.20 2.06 -0.01	59.85 2.30 -0.01	64.77 2.38 -2.84	69.64 2.69 0.32	77.13 3.25 0.00	70.56 3.23 -0.01	61.41 2.60 0.26	52.27 1.91 -0.01	46.21 1.61 0.00	42.86 1.53 0.00
JERICOHO_RISE_WT_PWR 323719	40.62 0.52 0.00	38.80 0.54 0.00	37.99 0.52 0.00	37.52 0.45 0.00	38.49 0.57 0.00	41.23 0.49 0.00	54.45 0.54 0.00	64.48 0.39 0.00	72.14 0.50 0.00	61.50 0.37 0.00	62.65 0.31 -0.01	61.70 0.36 -1.40	59.36 0.23 -1.56	57.28 0.23 -0.01	53.81 -0.32 0.00	57.02 -0.52 0.00	58.95 -0.60 0.00	66.40 -0.88 0.00	72.70 -1.18 0.00	66.37 -0.94 0.00	58.36 -0.71 0.00	50.04 -0.30 0.00	44.51 -0.09 0.00	41.17 -0.16 0.00
KATONAH__115KV_46KV_TB4 355592	42.30 2.21 0.00	40.07 1.80 0.00	39.19 1.72 0.00	38.70 1.63 0.00	39.55 1.63 0.00	42.70 1.96 0.00	56.33 2.43 0.00	67.04 2.95 0.00	75.21 3.58 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.65 3.72 0.00	61.48 3.91 0.00	61.46 4.07 0.00	58.19 4.06 0.00	61.45 3.91 0.00	63.72 4.17 0.00	71.98 4.71 0.00	78.90 5.02 0.00	71.62 4.31 0.00	63.03 3.96 0.00	53.86 3.52 0.00	47.72 3.12 0.00	44.02 2.69 0.00
KCE_NY_1 323755	41.70 1.61 0.00	39.72 1.45 0.00	38.85 1.39 0.00	38.44 1.37 0.00	39.36 1.44 0.00	42.33 1.59 0.00	55.79 1.89 0.00	66.59 2.50 0.00	74.07 2.44 0.00	63.21 2.08 0.00	64.51 2.18 0.00	61.85 1.92 0.00	59.41 1.84 0.00	59.34 1.95 0.00	55.97 1.84 0.00	59.84 2.30 0.00	61.93 2.38 0.00	70.23 2.96 0.00	76.84 2.96 0.00	69.93 2.62 0.00	61.67 2.60 0.00	52.40 2.06 0.00	46.25 1.65 0.00	42.82 1.49 0.00
KCE_NY_6_ESR 323823	38.33 -1.76 0.00	37.73 -0.54 0.00	36.83 -0.64 0.00	36.44 -0.63 0.00	36.78 -1.14 0.00	39.24 -1.51 0.00	51.21 -2.69 0.00	59.86 -4.23 0.00	66.31 -5.30 0.02	56.52 -4.59 0.02	57.81 -4.49 0.02	55.29 -4.61 0.02	52.93 -4.61 0.02	53.06 -4.30 0.02	49.88 -4.22 0.02	53.09 -4.43 0.02	46.00 -4.88 8.67	58.12 -5.85 3.30	68.56 -5.32 0.00	62.31 -4.98 0.02	51.23 -5.20 2.64	45.88 -4.43 0.02	41.66 -2.95 0.00	39.68 -1.65 0.00
KEDC_PORT_JEFF_GT2 24210	41.74 1.64 0.00	37.57 0.84 1.54	37.38 0.68 0.76	37.85 0.78 0.00	38.72 0.80 0.00	41.72 0.98 0.00	46.15 0.59 8.35	47.97 0.83 16.95	43.71 1.36 29.28	52.89 1.34 9.58	50.74 1.93 13.53	50.25 2.34 12.02	44.10 2.19 15.65	50.10 2.41 9.69	47.56 2.38 8.95	43.97 2.19 15.76	54.71 2.26 7.10	57.99 2.56 11.84	66.01 2.88 10.75	48.64 2.76 21.44	54.03 2.07 7.11	51.46 1.86 0.75	46.92 2.32 0.00	43.68 2.35 0.00
KEDC_PORT_JEFF_GT3 24211	41.74 1.64 0.00	37.57 0.84 1.54	37.38 0.68 0.76	37.85 0.78 0.00	38.72 0.80 0.00	41.72 0.98 0.00	46.15 0.59 8.35	47.97 0.83 16.95	43.71 1.36 29.28	52.89 1.34 9.58	50.74 1.93 13.53	50.25 2.34 12.02	44.10 2.19 15.65	50.10 2.41 9.69	47.56 2.38 8.95	43.97 2.19 15.76	54.71 2.26 7.10	57.99 2.56 11.84	66.01 2.88 10.75	48.64 2.76 21.44	54.03 2.07 7.11	51.46 1.86 0.75	46.92 2.32 0.00	43.68 2.35 0.00
KEDC_GLWD_GT4 24219	42.35 2.24 -0.01	39.95 1.68 0.00	38.97 1.50 0.00	38.59 1.52 0.00	39.44 1.52 0.00	42.49 1.75 0.00	55.16 2.16 0.91	62.70 2.75 4.15	68.29 3.44 6.78	61.13 3.12 3.12	66.08 3.74 -0.01	63.01 4.02 0.94	58.27 3.97 3.27	61.21 4.19 0.36	58.03 4.06 0.16	61.24 4.03 0.33	63.02 4.23 0.76	71.99 4.71 -0.01	78.98 5.09 -0.01	71.90 4.58 -0.01	63.02 3.96 0.01	53.62 3.37 0.09	47.78 3.17 -0.01	44.24 2.89 -0.01
KEDC_GLWD_GT5 24220	42.35 2.24 -0.01	39.95 1.68 0.00	38.97 1.50 0.00	38.59 1.52 0.00	39.44 1.52 0.00	42.49 1.75 0.00	55.16 2.16 0.91	62.70 2.75 4.15	68.29 3.44 6.78	61.13 3.12 3.12	66.08 3.74 -0.01	63.01 4.02 0.94	58.27 3.97 3.27	61.21 4.19 0.36	58.03 4.06 0.16	61.24 4.03 0.33	63.02 4.23 0.76	71.99 4.71 -0.01	78.98 5.09 -0.01	71.90 4.58 -0.01	63.02 3.96 0.01	53.62 3.37 0.09	47.78 3.17 -0.01	44.24 2.89 -0.01
KENSICO____ 23655	42.26 2.17 0.00	40.03 1.76 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.43 1.52 0.00	42.66 1.91 0.00	56.28 2.37 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.37 3.24 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.25 3.68 0.00	61.23 3.84 0.00	57.97 3.84 0.00	61.28 3.74 0.00	63.48 3.93 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.42 4.11 0.00	62.79 3.72 0.00	53.71 3.37 0.00	47.59 2.99 0.00	43.94 2.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.38 2.29 0.00	40.18 1.91 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.82 2.08 0.00	56.66 2.75 0.00	67.49 3.40 0.00	75.43 3.80 0.00	64.43 3.30 0.00	65.63 3.30 0.00	63.17 3.24 0.00	60.96 3.40 0.00	60.94 3.56 0.00	57.70 3.57 0.00	61.11 3.57 0.00	63.30 3.75 0.00	71.58 4.31 0.00	78.83 4.95 0.00	71.49 4.17 0.00	62.79 3.72 0.00	53.66 3.32 0.00	47.50 2.90 0.00	43.81 2.48 0.00

KIAC_JFK_GT1 23816	42.42 2.33 0.00	40.11 1.84 0.00	39.15 1.69 0.00	38.63 1.56 0.00	39.47 1.55 0.00	42.74 2.00 0.00	56.60 2.70 0.00	66.84 2.76 0.00	75.14 3.51 0.00	64.43 3.30 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.31 3.74 0.00	61.34 3.96 0.00	58.41 4.28 0.00	61.34 3.80 0.00	63.60 4.05 0.00	71.85 4.57 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.85 3.78 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.19 2.85 0.00
KIAC_JFK_GT2 23817	42.42 2.33 0.00	40.11 1.84 0.00	39.15 1.69 0.00	38.63 1.56 0.00	39.47 1.55 0.00	42.74 2.00 0.00	56.60 2.70 0.00	66.84 2.76 0.00	75.14 3.51 0.00	64.43 3.30 0.00	65.63 3.30 0.00	63.41 3.48 0.00	61.31 3.74 0.00	61.34 3.96 0.00	58.41 4.28 0.00	61.34 3.80 0.00	63.60 4.05 0.00	71.85 4.57 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.85 3.78 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.19 2.85 0.00
KIAC_JFK____ 323774	42.42 2.32 0.00	40.07 1.80 0.00	39.04 1.57 0.00	38.63 1.56 0.00	39.47 1.56 0.00	42.58 1.84 0.00	56.50 2.59 0.00	66.91 2.82 0.00	75.28 3.65 0.00	64.43 3.30 0.00	65.82 3.49 0.00	63.71 3.78 0.00	61.59 4.03 0.00	61.57 4.19 0.00	58.51 4.38 0.00	61.57 4.03 0.00	63.89 4.34 0.00	71.91 4.64 0.00	78.75 4.87 0.00	71.42 4.11 0.00	63.03 3.96 0.00	54.12 3.78 0.00	47.99 3.39 0.00	44.15 2.81 0.00
KINTIGH__24_KV_GSU 356498	38.17 -1.92 0.00	37.62 -0.65 0.00	36.64 -0.82 0.00	36.26 -0.82 0.00	36.70 -1.21 0.00	39.15 -1.59 0.00	51.05 -2.86 0.00	59.99 -4.10 0.00	66.60 -5.02 0.02	56.90 -4.22 0.02	57.07 -5.24 0.02	54.58 -5.33 0.02	52.08 -5.47 0.02	52.20 -5.16 0.02	49.51 -4.60 0.02	52.28 -5.24 0.02	46.26 -6.25 7.04	57.22 -7.27 2.79	68.78 -5.10 0.00	62.38 -4.91 0.02	50.82 -6.03 2.23	45.49 -4.83 0.02	41.66 -2.95 0.00	39.43 -1.90 0.00
KINTIGH____ 23543	38.17 -1.92 0.00	37.58 -0.69 0.00	36.27 -1.20 0.00	36.26 -0.82 0.00	36.70 -1.21 0.00	38.62 -2.12 0.00	50.13 -3.77 0.00	59.73 -4.36 0.00	66.38 -5.23 0.02	55.86 -5.26 0.02	57.45 -4.86 0.02	54.64 -5.27 0.02	52.14 -5.41 0.02	52.26 -5.11 0.02	49.24 -4.87 0.02	51.88 -5.64 0.02	46.32 -6.19 7.04	57.22 -7.27 2.79	67.53 -6.35 0.00	61.10 -6.19 0.02	50.76 -6.08 2.23	45.44 -4.88 0.02	41.52 -3.08 0.00	39.39 -1.94 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.14 1.04 0.00	39.34 1.07 0.00	38.51 1.05 0.00	38.00 0.93 0.00	39.02 1.10 0.00	41.68 0.94 0.00	55.36 1.46 0.00	65.63 1.54 0.00	73.42 1.79 0.00	62.54 1.41 0.00	63.70 1.37 0.00	61.31 1.38 0.00	58.83 1.27 0.00	58.24 0.86 0.00	54.51 0.38 0.00	58.00 0.46 0.00	59.97 0.42 0.00	67.68 0.40 0.00	73.88 0.00 0.00	67.58 0.27 0.00	59.31 0.24 0.00	50.79 0.45 0.00	45.00 0.40 0.00	41.50 0.17 0.00
LACHUTE____HYDRO 323717	42.63 2.53 0.00	40.72 2.45 0.00	39.71 2.25 0.00	39.26 2.19 0.00	40.23 2.31 0.00	43.39 2.65 0.00	57.09 3.18 0.00	68.45 4.36 0.00	75.64 4.01 0.00	64.25 3.12 0.00	65.88 3.55 0.00	63.23 3.29 0.00	60.50 2.93 0.00	60.48 3.10 0.00	56.78 2.65 0.00	60.82 3.28 0.00	63.00 3.45 0.00	71.71 4.44 0.00	78.24 4.36 0.00	71.21 3.90 0.00	63.03 3.96 0.00	53.46 3.12 0.00	47.19 2.59 0.00	43.65 2.31 0.00
LAWRNCV_115KV_TB1 80681	41.22 1.12 0.00	39.42 1.15 0.00	38.59 1.12 0.00	38.11 1.04 0.00	39.09 1.18 0.00	42.05 1.30 0.00	55.69 1.78 0.00	66.14 2.05 0.00	73.85 2.22 0.00	63.21 2.08 0.00	64.68 2.18 -0.17	80.65 2.28 -18.44	80.25 2.13 -20.56	59.39 1.84 -0.17	55.43 1.30 0.00	58.98 1.44 0.00	60.74 1.19 0.00	67.95 0.67 0.00	74.47 0.59 0.00	68.19 0.88 0.00	59.78 0.71 0.00	51.40 1.06 0.00	45.72 1.12 0.00	42.16 0.83 0.00
LEDERLE____ 23769	42.34 2.25 0.00	40.03 1.76 0.00	39.19 1.72 0.00	38.74 1.67 0.00	39.55 1.63 0.00	42.74 2.00 0.00	56.44 2.53 0.00	67.16 3.08 0.00	75.36 3.72 0.00	64.50 3.36 0.00	65.82 3.49 0.00	63.47 3.54 0.00	61.31 3.74 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.34 3.80 0.00	63.60 4.05 0.00	71.92 4.64 0.00	78.98 5.10 0.00	71.55 4.24 0.00	62.97 3.90 0.00	53.81 3.47 0.00	47.64 3.03 0.00	43.98 2.65 0.00
LIGHTHSE_115KV_TB6 355974	39.94 -0.16 0.00	38.19 -0.08 0.00	37.32 -0.15 0.00	36.96 -0.11 0.00	37.77 -0.15 0.00	40.62 -0.12 0.00	53.69 -0.22 0.00	64.02 -0.06 0.00	71.85 0.21 0.00	62.41 0.12 -1.15	64.89 0.25 -2.31	63.55 0.12 -3.50	60.99 -0.06 -3.49	59.43 0.00 -2.04	55.43 -0.22 -1.52	58.91 -0.17 -1.55	59.19 -0.36 0.00	66.60 -0.67 0.00	73.51 -0.37 0.00	67.18 -0.13 0.00	58.83 -0.24 0.00	50.24 -0.10 0.00	44.42 -0.18 0.00	41.13 -0.21 0.00
LINDEN COGEN____ 23786	42.38 2.28 0.00	40.07 1.80 0.00	39.04 1.57 0.00	38.66 1.59 0.00	39.51 1.59 0.00	42.58 1.84 0.00	53.08 2.53 3.36	67.16 3.08 0.00	61.11 3.87 14.39	47.97 3.54 16.71	51.63 3.80 14.50	49.66 4.13 14.40	49.62 4.32 12.26	50.01 4.48 11.85	48.69 4.38 9.82	50.02 4.32 11.84	48.31 4.59 15.83	59.66 4.91 12.52	72.06 5.09 6.91	67.54 4.37 4.14	56.30 4.19 6.96	48.31 3.67 5.70	46.96 3.25 0.90	43.93 2.69 0.09
LINDHRST_69_KV_BK1 356055	42.55 2.45 0.00	39.90 1.72 0.09	39.03 1.61 0.04	38.59 1.52 0.00	39.47 1.55 0.00	42.94 2.20 0.00	53.40 2.05 2.56	55.98 2.37 10.48	57.36 2.94 17.21	55.93 2.51 7.71	64.98 3.43 0.77	58.49 3.66 5.10	52.69 3.51 8.39	58.85 3.73 2.26	56.98 3.73 0.89	59.51 3.62 1.66	61.28 3.87 2.14	71.04 4.44 0.68	78.44 5.17 0.61	70.26 4.17 1.23	62.25 3.60 0.42	53.12 3.17 0.39	47.95 3.35 0.00	44.69 3.35 0.00
LIPA_MISC_IPP 23656	41.46 1.36 0.00	37.33 0.50 1.44	37.21 0.45 0.71	37.55 0.48 0.00	38.45 0.53 0.00	41.97 1.22 0.00	46.24 0.32 7.99	47.73 0.38 16.75	43.51 0.72 28.83	52.53 1.04 9.64	51.02 1.31 12.61	49.67 1.50 11.76	43.72 1.50 15.34	49.85 1.72 9.25	47.59 1.84 8.38	44.55 1.78 14.77	54.72 1.97 6.80	58.52 2.29 11.04	66.59 2.73 10.02	49.20 1.88 19.99	54.09 1.65 6.63	51.16 1.56 0.74	46.47 1.87 0.00	43.36 2.03 0.00
LISF____SOLAR 323691	41.50 1.40 0.00	37.38 0.54 1.43	37.14 0.37 0.70	37.59 0.52 0.00	38.49 0.57 0.00	41.48 0.73 0.00	46.23 0.27 7.95	47.85 0.45 16.69	43.83 0.93 28.73	52.61 1.10 9.62	51.30 1.49 12.52	50.09 1.86 11.70	44.01 1.73 15.28	50.19 2.01 9.20	47.81 2.00 8.33	44.94 2.07 14.67	54.99 2.20 6.76	58.80 2.49 10.96	66.73 2.81 9.95	50.02 2.56 19.85	54.49 2.01 6.58	51.22 1.61 0.73	46.56 1.96 0.00	43.35 2.02 0.00
LITTLE FALLS____HYD 24013	41.10 1.00 0.00	39.23 0.96 0.00	38.33 0.86 0.00	37.96 0.89 0.00	38.79 0.87 0.00	41.72 0.98 0.00	54.93 1.02 0.00	65.24 1.15 0.00	72.85 1.22 0.00	62.17 1.04 0.00	63.45 1.12 0.00	60.95 1.02 0.00	58.43 0.86 0.00	58.30 0.92 0.00	54.94 0.81 0.00	58.46 0.92 0.00	60.44 0.89 0.00	68.15 0.87 0.00	75.06 1.18 0.00	68.39 1.08 0.00	59.96 0.89 0.00	51.19 0.86 0.00	45.32 0.71 0.00	42.00 0.66 0.00

LITTLRIV_115KV_TB1 356100	41.66 1.56 0.00	39.88 1.61 0.00	39.00 1.54 0.00	38.52 1.45 0.00	39.51 1.59 0.00	42.54 1.79 0.00	56.39 2.48 0.00	66.97 2.88 0.00	74.71 3.08 0.00	63.76 2.63 0.00	65.23 2.74 -0.16	79.80 2.82 -17.05	79.16 2.59 -19.01	59.84 2.30 -0.16	55.81 1.68 0.00	59.44 1.90 0.00	61.34 1.79 0.00	68.62 1.35 0.00	75.36 1.48 0.00	69.13 1.82 0.00	60.49 1.42 0.00	52.00 1.66 0.00	46.25 1.65 0.00	42.62 1.28 0.00
LI_NEWBRDGE___DRP 323616	41.86 1.76 0.01	39.38 1.11 0.00	38.48 1.01 0.00	38.03 0.96 0.00	38.87 0.95 0.00	42.25 1.51 0.00	52.16 1.24 2.99	51.87 1.47 13.69	51.26 2.01 22.38	52.84 2.02 10.31	64.81 2.49 0.01	54.64 2.70 7.99	49.42 2.65 10.79	57.15 2.87 3.10	56.51 2.92 0.54	59.16 2.70 1.08	59.97 2.92 2.50	70.63 3.36 0.01	77.79 3.92 0.01	70.33 3.03 0.01	61.65 2.60 0.02	52.21 2.47 0.60	47.18 2.59 0.01	43.93 2.60 0.01
LOCKPORT_115KV_TB60_63_64 80432	38.37 -1.72 0.00	37.89 -0.38 0.00	36.49 -0.97 0.00	36.52 -0.56 0.00	36.89 -1.02 0.00	38.75 -2.00 0.00	49.70 -4.20 0.00	59.03 -5.06 0.00	65.52 -6.09 0.02	55.55 -5.56 0.02	57.07 -5.24 0.02	54.34 -5.57 0.02	51.90 -5.64 0.02	52.03 -5.34 0.02	49.07 -5.03 0.02	51.82 -5.70 0.02	46.30 -6.43 6.82	57.14 -7.74 2.39	66.86 -7.02 0.00	60.63 -6.66 0.02	50.60 -6.56 1.92	44.98 -5.34 0.02	41.21 -3.39 0.00	39.60 -1.74 0.00
LOCKPORT___CC1 323769	38.29 -1.80 0.00	37.58 -0.69 0.00	36.86 -0.60 0.00	36.48 -0.59 0.00	36.82 -1.10 0.00	39.28 -1.47 0.00	50.84 -3.07 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	56.16 -4.95 0.02	56.76 -5.55 0.02	54.22 -5.69 0.02	51.79 -5.76 0.02	51.91 -5.45 0.02	49.08 -5.03 0.02	51.99 -5.52 0.02	45.91 -6.49 7.15	57.09 -7.60 2.58	67.90 -5.98 0.00	61.57 -5.72 0.02	50.51 -6.50 2.06	45.03 -5.28 0.02	41.35 -3.25 0.00	39.56 -1.78 0.00
LOCKPORT___CC2 323770	38.29 -1.80 0.00	37.58 -0.69 0.00	36.86 -0.60 0.00	36.48 -0.59 0.00	36.82 -1.10 0.00	39.28 -1.47 0.00	50.84 -3.07 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	56.16 -4.95 0.02	56.76 -5.55 0.02	54.22 -5.69 0.02	51.79 -5.76 0.02	51.91 -5.45 0.02	49.08 -5.03 0.02	51.99 -5.52 0.02	45.91 -6.49 7.15	57.09 -7.60 2.58	67.90 -5.98 0.00	61.57 -5.72 0.02	50.51 -6.50 2.06	45.03 -5.28 0.02	41.35 -3.25 0.00	39.56 -1.78 0.00
LOCKPORT___CC3 323771	38.29 -1.80 0.00	37.58 -0.69 0.00	36.86 -0.60 0.00	36.48 -0.59 0.00	36.82 -1.10 0.00	39.28 -1.47 0.00	50.84 -3.07 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	56.16 -4.95 0.02	56.76 -5.55 0.02	54.22 -5.69 0.02	51.79 -5.76 0.02	51.91 -5.45 0.02	49.08 -5.03 0.02	51.99 -5.52 0.02	45.91 -6.49 7.15	57.09 -7.60 2.58	67.90 -5.98 0.00	61.57 -5.72 0.02	50.51 -6.50 2.06	45.03 -5.28 0.02	41.35 -3.25 0.00	39.56 -1.78 0.00
LOCUSVLY_69_KV_BK2 55797	42.31 2.21 0.00	39.84 1.57 0.00	38.96 1.50 0.00	38.48 1.41 0.00	39.36 1.44 0.00	42.70 1.96 0.00	54.46 1.94 1.39	60.06 2.31 6.34	64.21 2.94 10.36	59.17 2.81 4.77	65.70 3.37 -0.01	61.02 3.54 2.45	56.08 3.51 4.99	60.11 3.67 0.95	57.56 3.68 0.25	60.60 3.57 0.50	62.14 3.75 1.16	71.52 4.24 -0.01	78.69 4.80 -0.01	71.22 3.90 -0.01	62.49 3.43 0.01	53.26 3.12 0.20	47.69 3.08 -0.01	44.32 2.98 -0.01
LONG_LAKE_PHOENIX 24014	39.34 -0.76 0.00	37.58 -0.69 0.00	36.75 -0.71 0.00	36.40 -0.67 0.00	37.20 -0.72 0.00	39.93 -0.81 0.00	52.83 -1.08 0.00	62.93 -1.15 0.00	70.56 -1.07 0.00	61.84 -1.04 -1.74	64.88 -0.93 -3.48	62.33 -0.96 -3.35	59.64 -1.04 -3.11	59.49 -0.98 -3.08	55.51 -0.92 -2.30	58.85 -1.04 -2.35	58.42 -1.13 0.00	66.00 -1.28 0.00	72.70 -1.18 0.00	66.24 -1.08 0.00	58.07 -1.00 0.00	49.38 -0.96 0.00	43.75 -0.85 0.00	40.63 -0.70 0.00
LOVETT___3 23632	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.51 3.18 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.30 3.75 0.00	71.58 4.31 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.46 2.85 0.00	43.81 2.48 0.00
LOVETT___4 23642	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.51 3.18 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.30 3.75 0.00	71.58 4.31 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.46 2.85 0.00	43.81 2.48 0.00
LOVETT___5 23593	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.51 3.18 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.30 3.75 0.00	71.58 4.31 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.46 2.85 0.00	43.81 2.48 0.00
LOWER RAQUET___HYD 24057	41.30 1.20 0.00	39.49 1.22 0.00	38.66 1.20 0.00	38.18 1.11 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.63 1.72 0.00	66.01 1.92 0.00	73.78 2.15 0.00	63.21 2.08 0.00	64.72 2.24 -0.15	78.04 2.22 -15.89	77.30 2.01 -17.72	59.25 1.72 -0.15	55.37 1.25 0.00	58.86 1.32 0.00	60.50 0.95 0.00	67.61 0.34 0.00	74.18 0.30 0.00	67.99 0.67 0.00	59.54 0.47 0.00	51.35 1.01 0.00	45.81 1.20 0.00	42.29 0.95 0.00
LOWER___HUDSON 24059	41.30 1.20 0.00	39.30 1.03 0.00	38.48 1.01 0.00	38.11 1.04 0.00	39.02 1.10 0.00	41.93 1.18 0.00	55.20 1.29 0.00	65.82 1.73 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.76 1.43 0.00	61.01 1.08 0.00	58.66 1.09 0.00	58.53 1.15 0.00	55.37 1.25 0.00	59.26 1.72 0.00	61.40 1.85 0.00	69.69 2.42 0.00	76.31 2.43 0.00	69.40 2.09 0.00	61.14 2.07 0.00	52.00 1.66 0.00	45.72 1.12 0.00	42.41 1.07 0.00
LOWVILLE_115KV_TB2 356335	41.10 1.00 0.00	39.15 0.88 0.00	38.22 0.75 0.00	37.85 0.78 0.00	38.71 0.80 0.00	41.80 1.06 0.00	55.31 1.40 0.00	65.95 1.86 0.00	73.64 2.01 0.00	63.04 1.71 -0.20	65.14 2.37 -0.44	67.36 2.22 -5.21	65.20 1.90 -5.73	59.67 1.89 -0.40	55.53 1.14 -0.26	58.90 1.09 -0.27	60.38 0.83 0.00	67.81 0.54 0.00	74.91 1.03 0.00	68.59 1.28 0.00	59.96 0.89 0.00	51.35 1.01 0.00	45.36 0.76 0.00	41.83 0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.66 1.56 0.00	39.68 1.42 0.00	38.85 1.39 0.00	38.44 1.37 0.00	39.36 1.44 0.00	42.33 1.59 0.00	55.80 1.89 0.00	66.33 2.24 0.00	74.00 2.36 0.00	63.15 2.02 0.00	64.32 1.99 0.00	61.67 1.74 0.00	59.23 1.67 0.00	59.16 1.78 0.00	55.92 1.79 0.00	59.73 2.19 0.00	61.81 2.26 0.00	70.10 2.83 0.00	76.84 2.96 0.00	69.87 2.56 0.00	61.55 2.48 0.00	52.35 2.01 0.00	46.25 1.65 0.00	42.82 1.49 0.00

LUTHERNY_35_KV_BK2 355980	41.70 1.60 0.00	39.72 1.45 0.00	38.89 1.42 0.00	38.44 1.37 0.00	39.36 1.44 0.00	42.37 1.63 0.00	55.85 1.94 0.00	66.40 2.31 0.00	74.00 2.36 0.00	63.21 2.08 0.00	64.38 2.06 0.00	61.73 1.80 0.00	59.29 1.73 0.00	59.16 1.78 0.00	55.97 1.84 0.00	59.78 2.24 0.00	61.81 2.26 0.00	70.17 2.89 0.00	76.84 2.96 0.00	69.94 2.63 0.00	61.61 2.54 0.00	52.35 2.01 0.00	46.25 1.65 0.00	42.86 1.53 0.00
LWR___OSWEGATCHIE_HYD 23850	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.94 1.02 0.00	41.97 1.22 0.00	55.53 1.62 0.00	66.14 2.05 0.00	73.78 2.15 0.00	63.29 1.96 -0.20	65.14 2.31 -0.51	73.57 2.28 -11.36	72.18 2.01 -12.60	59.68 1.84 -0.46	55.59 1.19 -0.27	59.14 1.32 -0.27	60.56 1.01 0.00	67.74 0.47 0.00	74.62 0.74 0.00	68.32 1.01 0.00	59.78 0.71 0.00	51.45 1.11 0.00	45.63 1.03 0.00	42.04 0.70 0.00
LYONS_FALL_HYD 23570	41.02 0.92 0.00	39.11 0.84 0.00	38.21 0.75 0.00	37.85 0.78 0.00	38.72 0.80 0.00	41.76 1.02 0.00	55.26 1.35 0.00	65.82 1.73 0.00	73.57 1.93 0.00	62.78 1.65 0.00	64.48 2.12 -0.03	65.19 2.04 -3.22	62.88 1.73 -3.59	59.20 1.78 -0.03	55.32 1.19 0.00	58.80 1.26 0.00	60.68 1.13 0.00	68.22 0.94 0.00	75.21 1.33 0.00	68.73 1.42 0.00	60.13 1.06 0.00	51.40 1.06 0.00	45.45 0.85 0.00	41.96 0.62 0.00
MADISON___COUNTY_LFGE 323628	41.10 1.00 0.00	39.26 0.99 0.00	38.36 0.90 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.88 1.14 0.00	55.36 1.46 0.00	66.01 1.92 0.00	73.92 2.29 0.00	63.09 1.96 0.00	64.46 2.12 -0.01	63.02 2.04 -1.05	60.51 1.78 -1.17	59.29 1.89 -0.01	55.70 1.57 0.00	59.27 1.73 0.00	62.03 1.73 -0.75	68.89 1.61 0.00	75.95 2.07 0.00	69.33 2.02 0.00	60.66 1.59 0.00	51.75 1.41 0.00	45.72 1.12 0.00	42.33 0.99 0.00
MALONE___115KV_TB1 356076	41.22 1.12 0.00	39.42 1.15 0.00	38.63 1.16 0.00	38.11 1.04 0.00	39.13 1.21 0.00	41.97 1.22 0.00	55.90 1.99 0.00	66.33 2.24 0.00	74.21 2.58 0.00	63.33 2.20 0.00	64.56 2.18 -0.05	67.19 2.22 -5.04	65.26 2.07 -5.62	59.10 1.66 -0.05	55.21 1.08 0.00	58.75 1.21 0.00	60.62 1.07 0.00	68.22 0.94 0.00	74.54 0.66 0.00	68.32 1.01 0.00	59.90 0.83 0.00	51.25 0.91 0.00	45.45 0.85 0.00	41.87 0.54 0.00
MAPLEWOD_115KV_TB3 80458	41.02 0.92 0.00	39.11 0.84 0.00	38.33 0.86 0.00	37.89 0.82 0.00	38.79 0.87 0.00	41.68 0.94 0.00	54.88 0.97 0.00	65.18 1.09 0.00	72.78 1.15 0.00	62.23 1.10 0.00	63.32 1.00 0.00	60.71 0.78 0.00	58.37 0.81 0.00	58.24 0.86 0.00	55.21 1.08 0.00	58.92 1.38 0.00	60.98 1.43 0.00	69.16 1.88 0.00	75.80 1.92 0.00	69.00 1.68 0.00	60.72 1.65 0.00	51.65 1.31 0.00	45.54 0.94 0.00	42.20 0.87 0.00
MAPLE_RIDGE_WT_1 323574	39.74 -0.36 0.00	37.85 -0.42 0.00	37.05 -0.41 0.00	36.70 -0.37 0.00	37.58 -0.34 0.00	40.42 -0.33 0.00	53.53 -0.37 0.00	63.57 -0.51 0.00	71.06 -0.58 0.00	60.64 -0.49 0.00	61.77 -0.56 0.00	59.39 -0.54 0.00	56.99 -0.58 0.00	56.75 -0.63 0.00	53.42 -0.71 0.00	56.73 -0.81 0.00	58.66 -0.89 0.00	66.19 -1.08 0.00	72.70 -1.18 0.00	66.23 -1.08 0.00	58.12 -0.95 0.00	49.59 -0.75 0.00	43.98 -0.62 0.00	40.76 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	39.74 -0.36 0.00	37.85 -0.42 0.00	37.05 -0.41 0.00	36.70 -0.37 0.00	37.58 -0.34 0.00	40.42 -0.33 0.00	53.53 -0.37 0.00	63.57 -0.51 0.00	71.06 -0.58 0.00	60.64 -0.49 0.00	61.77 -0.56 0.00	59.39 -0.54 0.00	56.99 -0.58 0.00	56.75 -0.63 0.00	53.42 -0.71 0.00	56.73 -0.81 0.00	58.66 -0.89 0.00	66.19 -1.08 0.00	72.70 -1.18 0.00	66.23 -1.08 0.00	58.12 -0.95 0.00	49.59 -0.75 0.00	43.98 -0.62 0.00	40.76 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	40.66 0.56 0.00	38.84 0.57 0.00	38.03 0.56 0.00	37.55 0.48 0.00	38.52 0.60 0.00	41.23 0.49 0.00	54.34 0.43 0.00	64.35 0.26 0.00	71.92 0.29 0.00	61.32 0.18 0.00	62.52 0.19 0.00	60.11 0.18 0.00	57.68 0.12 0.00	57.16 -0.23 0.00	53.75 -0.38 0.00	56.91 -0.63 0.00	58.84 -0.71 0.00	66.27 -1.01 0.00	72.47 -1.41 0.00	66.17 -1.14 0.00	58.24 -0.83 0.00	49.99 -0.35 0.00	44.51 -0.09 0.00	41.17 -0.16 0.00
MARSHVLE_115KV_TB1 80742	41.66 1.56 0.00	39.72 1.45 0.00	38.85 1.39 0.00	38.41 1.33 0.00	39.32 1.40 0.00	42.45 1.71 0.00	55.96 2.05 0.00	66.72 2.63 0.00	74.50 2.87 0.00	62.97 1.83 0.00	63.76 1.43 0.00	61.73 1.80 0.00	59.41 1.84 0.00	59.34 1.95 0.00	55.97 1.84 0.00	59.84 2.30 0.00	61.93 2.38 0.00	70.23 2.96 0.00	77.06 3.18 0.00	70.21 2.89 0.00	61.73 2.66 0.00	52.65 2.32 0.00	46.48 1.87 0.00	42.95 1.61 0.00
MARSH_HILL_WT_PWR 323713	38.73 -1.36 0.00	37.89 -0.38 0.00	36.94 -0.52 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	39.28 -1.47 0.00	51.43 -2.48 0.00	60.18 -3.91 0.00	66.99 -4.59 0.06	56.67 -4.40 0.06	57.85 -4.42 0.06	55.38 -4.50 0.06	52.90 -4.61 0.06	52.91 -4.42 0.06	49.74 -4.33 0.06	52.94 -4.55 0.06	61.68 -4.53 -6.66	75.07 -4.77 -12.57	69.52 -4.36 0.00	63.62 -3.64 0.06	65.76 -3.36 -10.05	47.46 -2.82 0.06	42.69 -1.92 0.00	40.39 -0.95 0.00
MCINTYRE_115KV_TB2 80467	41.74 1.64 0.00	39.95 1.68 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.62 1.71 0.00	42.66 1.91 0.00	56.66 2.75 0.00	67.29 3.20 0.00	74.93 3.30 0.00	63.76 2.63 0.00	65.12 2.62 -0.18	81.54 2.70 -18.91	81.12 2.48 -21.08	59.74 2.18 -0.18	55.75 1.62 0.00	59.50 1.96 0.00	61.51 1.97 0.00	69.09 1.82 0.00	75.95 2.07 0.00	69.60 2.29 0.00	60.96 1.89 0.00	52.25 1.91 0.00	46.43 1.83 0.00	42.74 1.41 0.00
MECO_____69_KV_BK1 80468	42.30 2.21 0.00	40.37 2.10 0.00	39.45 1.99 0.00	39.04 1.96 0.00	39.97 2.05 0.00	43.15 2.40 0.00	56.87 2.96 0.00	67.81 3.72 0.00	75.64 4.01 0.00	63.88 2.75 0.00	64.70 2.37 0.00	62.45 2.52 0.00	59.98 2.42 0.00	59.97 2.58 0.00	56.56 2.44 0.00	60.59 3.05 0.00	62.88 3.33 0.00	71.44 4.17 0.00	78.39 4.51 0.00	71.35 4.04 0.00	62.79 3.72 0.00	53.46 3.12 0.00	47.19 2.59 0.00	43.61 2.27 0.00
MENANDS___115KV_TB5 355628	40.86 0.76 0.00	38.92 0.65 0.00	38.18 0.71 0.00	37.74 0.67 0.00	38.64 0.72 0.00	41.52 0.77 0.00	54.66 0.75 0.00	64.86 0.77 0.00	72.42 0.79 0.00	61.99 0.86 0.00	63.01 0.69 0.00	60.41 0.48 0.00	58.14 0.58 0.00	58.02 0.63 0.00	54.94 0.81 0.00	58.69 1.15 0.00	60.68 1.13 0.00	68.82 1.55 0.00	75.51 1.63 0.00	68.66 1.35 0.00	60.43 1.36 0.00	51.40 1.06 0.00	45.36 0.76 0.00	42.00 0.66 0.00
MG INDUSTRY___DRP 24185	40.90 0.80 0.00	39.03 0.77 0.00	38.25 0.79 0.00	37.81 0.74 0.00	38.68 0.76 0.00	41.56 0.81 0.00	54.72 0.81 0.00	64.99 0.90 0.00	72.64 1.00 0.00	62.05 0.92 0.00	63.14 0.81 0.00	60.59 0.66 0.00	58.20 0.63 0.00	58.13 0.75 0.00	55.05 0.92 0.00	58.63 1.09 0.00	60.68 1.13 0.00	68.75 1.48 0.00	75.43 1.55 0.00	68.66 1.35 0.00	60.37 1.30 0.00	51.45 1.11 0.00	45.45 0.85 0.00	42.12 0.79 0.00

MID___OSWEGATCHIE_HYD 23849	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.94 1.02 0.00	41.97 1.22 0.00	55.53 1.62 0.00	66.14 2.05 0.00	73.78 2.15 0.00	63.29 1.96 -0.20	65.14 2.31 -0.51	73.57 2.28 -11.36	72.18 2.01 -12.60	59.68 1.84 -0.46	55.59 1.19 -0.27	59.14 1.32 -0.27	60.56 1.01 0.00	67.74 0.47 0.00	74.62 0.74 0.00	68.32 1.01 0.00	59.78 0.71 0.00	51.45 1.11 0.00	45.63 1.03 0.00	42.04 0.70 0.00
MID___RAQUETTE_HYD 23851	41.30 1.20 0.00	39.49 1.22 0.00	38.66 1.20 0.00	38.18 1.11 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.80 1.89 0.00	66.27 2.18 0.00	73.92 2.29 0.00	63.33 2.20 0.00	64.85 2.37 -0.15	78.28 2.46 -15.89	77.53 2.25 -17.72	59.49 1.95 -0.15	55.48 1.35 0.00	59.09 1.55 0.00	60.74 1.19 0.00	67.81 0.54 0.00	74.40 0.52 0.00	68.19 0.88 0.00	59.72 0.65 0.00	51.45 1.11 0.00	45.81 1.20 0.00	42.24 0.91 0.00
MILLIKEN___1 23584	40.50 0.40 0.00	38.77 0.50 0.00	37.92 0.45 0.00	37.55 0.48 0.00	38.33 0.42 0.00	41.15 0.41 0.00	54.50 0.59 0.00	64.92 0.83 0.00	72.90 1.22 -0.05	62.10 0.92 -0.05	63.25 0.87 -0.05	60.83 0.84 -0.05	58.25 0.63 -0.05	58.18 0.75 -0.05	54.89 0.70 -0.05	58.28 0.69 -0.05	73.21 0.77 -12.89	68.22 0.87 -0.07	75.06 1.18 0.00	68.58 1.21 -0.05	60.07 0.95 -0.05	51.05 0.65 -0.05	45.14 0.54 0.00	41.91 0.58 0.00
MILLIKEN___2 23585	40.50 0.40 0.00	38.77 0.50 0.00	37.92 0.45 0.00	37.55 0.48 0.00	38.33 0.42 0.00	41.15 0.41 0.00	54.50 0.59 0.00	64.92 0.83 0.00	72.90 1.22 -0.05	62.10 0.92 -0.05	63.25 0.87 -0.05	60.83 0.84 -0.05	58.25 0.63 -0.05	58.18 0.75 -0.05	54.89 0.70 -0.05	58.28 0.69 -0.05	73.21 0.77 -12.89	68.22 0.87 -0.07	75.06 1.18 0.00	68.58 1.21 -0.05	60.07 0.95 -0.05	51.05 0.65 -0.05	45.14 0.54 0.00	41.91 0.58 0.00
MILLIKEN___DIESEL 23629	40.50 0.40 0.00	38.77 0.50 0.00	37.92 0.45 0.00	37.55 0.48 0.00	38.33 0.42 0.00	41.15 0.41 0.00	54.50 0.59 0.00	64.92 0.83 0.00	72.90 1.22 -0.05	62.10 0.92 -0.05	63.25 0.87 -0.05	60.83 0.84 -0.05	58.25 0.63 -0.05	58.18 0.75 -0.05	54.89 0.70 -0.05	58.28 0.69 -0.05	73.21 0.77 -12.89	68.22 0.87 -0.07	75.06 1.18 0.00	68.58 1.21 -0.05	60.07 0.95 -0.05	51.05 0.65 -0.05	45.14 0.54 0.00	41.91 0.58 0.00
MILLSEAT___LFGE 323607	38.98 -1.12 0.00	38.12 -0.15 0.00	37.39 -0.07 0.00	36.96 -0.11 0.00	37.42 -0.49 0.00	39.93 -0.81 0.00	51.91 -1.99 0.00	60.82 -3.27 0.00	67.53 -4.08 0.02	57.75 -3.36 0.02	58.38 -3.92 0.02	55.84 -4.08 0.02	53.35 -4.20 0.02	53.41 -3.96 0.02	50.43 -3.68 0.02	53.49 -4.03 0.02	48.71 -4.88 5.96	59.64 -5.72 1.92	69.89 -3.99 0.00	63.46 -3.83 0.02	52.63 -4.90 1.53	46.29 -4.03 0.02	42.28 -2.32 0.00	40.34 -0.99 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.18 2.09 0.00	39.91 1.65 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.58 1.83 0.00	56.23 2.32 0.00	66.84 2.76 0.00	75.00 3.37 0.00	64.25 3.12 0.00	65.63 3.30 0.00	63.29 3.36 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.86 3.73 0.00	61.16 3.62 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.50 2.90 0.00	43.86 2.52 0.00
MILLWOOD_13_KV_LOAD 356217	42.26 2.17 0.00	39.99 1.72 0.00	39.15 1.69 0.00	38.67 1.59 0.00	39.47 1.55 0.00	42.66 1.91 0.00	56.28 2.37 0.00	66.97 2.88 0.00	75.14 3.51 0.00	64.43 3.30 0.00	65.82 3.49 0.00	63.47 3.54 0.00	61.31 3.74 0.00	61.29 3.90 0.00	58.03 3.90 0.00	61.34 3.80 0.00	63.60 4.05 0.00	71.85 4.57 0.00	78.76 4.88 0.00	71.49 4.17 0.00	62.91 3.84 0.00	53.76 3.42 0.00	47.64 3.03 0.00	43.94 2.60 0.00
MODEL_CITY_ENERGY 24167	38.13 -1.96 0.00	37.27 -1.00 0.00	36.75 -0.71 0.00	36.37 -0.71 0.00	36.70 -1.21 0.00	39.15 -1.59 0.00	50.41 -3.50 0.00	58.71 -5.38 0.00	65.02 -6.59 0.02	55.55 -5.56 0.02	56.13 -6.17 0.02	53.62 -6.29 0.02	51.21 -6.33 0.02	51.34 -6.02 0.02	48.59 -5.52 0.02	51.42 -6.10 0.02	45.15 -7.15 7.25	56.23 -8.41 2.64	67.16 -6.72 0.00	60.89 -6.40 0.02	49.75 -7.21 2.11	44.48 -5.84 0.02	40.99 -3.61 0.00	39.43 -1.90 0.00
MODERN_LFGE___ 323580	38.13 -1.96 0.00	37.27 -1.00 0.00	36.75 -0.71 0.00	36.37 -0.71 0.00	36.70 -1.21 0.00	39.15 -1.59 0.00	50.41 -3.50 0.00	58.71 -5.38 0.00	65.02 -6.59 0.02	55.55 -5.56 0.02	56.13 -6.17 0.02	53.62 -6.29 0.02	51.21 -6.33 0.02	51.34 -6.02 0.02	48.59 -5.52 0.02	51.42 -6.10 0.02	45.15 -7.15 7.25	56.23 -8.41 2.64	67.16 -6.72 0.00	60.89 -6.40 0.02	49.75 -7.21 2.11	44.48 -5.84 0.02	40.99 -3.61 0.00	39.43 -1.90 0.00
MOHAWK_PAPER___DRP 24187	41.02 0.92 0.00	39.11 0.84 0.00	38.33 0.86 0.00	37.89 0.82 0.00	38.79 0.87 0.00	41.68 0.94 0.00	54.88 0.97 0.00	65.18 1.09 0.00	72.78 1.15 0.00	62.23 1.10 0.00	63.32 1.00 0.00	60.71 0.78 0.00	58.37 0.81 0.00	58.24 0.86 0.00	55.21 1.08 0.00	58.92 1.38 0.00	60.98 1.43 0.00	69.16 1.88 0.00	75.80 1.92 0.00	69.00 1.68 0.00	60.72 1.65 0.00	51.65 1.31 0.00	45.54 0.94 0.00	42.20 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	41.62 1.52 0.00	39.68 1.42 0.00	38.81 1.35 0.00	38.37 1.30 0.00	39.32 1.40 0.00	42.33 1.59 0.00	55.74 1.83 0.00	66.40 2.31 0.00	73.78 2.15 0.00	62.91 1.77 0.00	64.20 1.87 0.00	61.55 1.62 0.00	59.06 1.50 0.00	58.99 1.61 0.00	55.70 1.57 0.00	59.50 1.96 0.00	61.57 2.02 0.00	69.96 2.69 0.00	76.54 2.66 0.00	69.60 2.29 0.00	61.49 2.42 0.00	52.20 1.86 0.00	46.21 1.61 0.00	42.74 1.41 0.00
MONGAUP___HYD 23641	42.26 2.16 0.00	40.07 1.80 0.00	39.15 1.69 0.00	38.78 1.71 0.00	39.55 1.63 0.00	42.62 1.88 0.00	56.44 2.53 0.00	67.29 3.20 0.00	75.14 3.51 0.00	63.95 2.81 0.00	65.26 2.93 0.00	62.87 2.94 0.00	60.67 3.11 0.00	60.65 3.27 0.00	57.32 3.19 0.00	60.82 3.28 0.00	63.12 3.57 0.00	71.45 4.17 0.00	78.54 4.66 0.00	71.28 3.97 0.00	62.79 3.72 0.00	53.51 3.17 0.00	47.37 2.77 0.00	43.65 2.31 0.00
MONTAUK___DIESEL 23721	41.34 1.24 0.00	37.06 0.23 1.44	36.83 0.07 0.71	37.22 0.15 0.00	38.22 0.30 0.00	41.88 1.14 0.00	45.82 -0.11 7.98	47.23 -0.13 16.73	42.68 -0.14 28.81	51.86 0.37 9.64	50.60 0.87 12.60	49.09 0.90 11.75	43.05 0.81 15.32	49.17 1.03 9.24	46.95 1.19 8.37	43.93 1.15 14.75	54.07 1.31 6.79	57.66 1.41 11.03	65.64 1.77 10.01	48.22 0.88 19.97	53.21 0.77 6.62	50.31 0.70 0.74	45.53 0.94 0.00	42.86 1.53 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.41 -1.68 0.00	37.73 -0.54 0.00	36.49 -0.97 0.00	36.40 -0.67 0.00	36.63 -1.29 0.00	38.50 -2.24 0.00	50.24 -3.67 0.00	59.41 -4.68 0.00	65.45 -6.16 0.03	56.22 -4.89 0.03	57.44 -4.86 0.03	55.11 -4.79 0.03	52.82 -4.72 0.03	53.00 -4.36 0.03	50.10 -4.01 0.03	53.31 -4.20 0.03	46.50 -4.47 8.58	58.61 -5.52 3.15	68.78 -5.10 0.00	63.05 -4.24 0.03	52.18 -4.37 2.52	46.69 -3.62 0.03	42.06 -2.54 0.00	40.05 -1.28 0.00

MORRIS_RIDGE___SOLAR 323848	38.49 -1.61 0.00	37.66 -0.61 0.00	36.75 -0.71 0.00	36.37 -0.71 0.00	36.74 -1.18 0.00	39.24 -1.51 0.00	51.38 -2.53 0.00	60.11 -3.97 0.00	66.80 -4.80 0.04	56.64 -4.46 0.04	57.74 -4.55 0.04	55.22 -4.67 0.04	52.81 -4.72 0.04	52.75 -4.59 0.04	49.60 -4.49 0.04	52.78 -4.72 0.04	36.19 -4.82 18.54	53.36 -5.32 8.60	69.00 -4.88 0.00	62.96 -4.31 0.04	48.01 -4.19 6.87	46.78 -3.53 0.04	42.19 -2.41 0.00	40.01 -1.32 0.00
MORTIMER_115KV_TB3 55949	39.14 -0.96 0.00	38.00 -0.27 0.00	36.87 -0.60 0.00	36.66 -0.41 0.00	37.35 -0.57 0.00	39.64 -1.10 0.00	52.13 -1.78 0.00	62.23 -1.86 0.00	69.54 -2.08 0.01	59.04 -2.08 0.01	60.51 -1.81 0.01	57.88 -2.04 0.01	55.36 -2.19 0.01	55.30 -2.07 0.01	52.06 -2.06 0.01	55.11 -2.42 0.01	54.97 -2.74 1.84	64.47 -3.16 -0.36	71.37 -2.51 0.00	64.67 -2.63 0.01	56.64 -2.72 -0.28	48.06 -2.27 0.01	43.17 -1.43 0.00	40.47 -0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.50 2.41 0.00	40.22 1.95 0.00	39.30 1.84 0.00	38.81 1.74 0.00	39.66 1.74 0.00	42.86 2.12 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.43 3.80 0.00	64.68 3.55 0.00	66.07 3.74 0.00	63.77 3.84 0.00	61.65 4.09 0.00	61.63 4.25 0.00	58.35 4.22 0.00	61.68 4.14 0.00	63.90 4.35 0.00	72.12 4.84 0.00	79.13 5.25 0.00	71.69 4.38 0.00	63.15 4.08 0.00	54.06 3.73 0.00	47.90 3.30 0.00	44.23 2.89 0.00
MUNSVILLE_WIND_PWR 323609	42.30 2.20 0.00	40.53 2.26 0.00	39.60 2.13 0.00	39.30 2.22 0.00	40.08 2.16 0.00	43.27 2.53 0.00	57.31 3.40 0.00	68.25 4.16 0.00	76.82 5.16 -0.03	65.26 4.10 -0.03	66.65 4.30 -0.03	64.28 4.32 -0.03	61.22 3.63 -0.03	61.20 3.79 -0.03	57.19 3.03 -0.03	61.14 3.57 -0.03	70.62 3.87 -7.20	71.42 4.10 -0.04	78.75 4.87 0.00	72.12 4.78 -0.03	63.00 3.90 -0.03	53.44 3.07 -0.03	47.19 2.59 0.00	43.65 2.31 0.00
N SALMON___HYD 24042	41.22 1.12 0.00	39.42 1.15 0.00	38.63 1.16 0.00	38.11 1.04 0.00	39.13 1.21 0.00	41.96 1.22 0.00	55.63 1.72 0.00	65.88 1.79 0.00	73.78 2.15 0.00	62.91 1.77 0.00	64.24 1.87 -0.05	66.77 1.80 -5.04	64.86 1.67 -5.62	58.69 1.26 -0.05	54.99 0.86 0.00	58.34 0.81 0.00	60.21 0.66 0.00	67.75 0.47 0.00	74.10 0.22 0.00	67.85 0.54 0.00	59.60 0.53 0.00	51.10 0.76 0.00	45.45 0.85 0.00	41.96 0.62 0.00
N.AKRON___115KV_KNAPP 355671	38.90 -1.20 0.00	38.31 0.04 0.00	36.94 -0.52 0.00	36.92 -0.15 0.00	37.39 -0.53 0.00	39.32 -1.43 0.00	50.73 -3.18 0.00	60.44 -3.65 0.00	67.17 -4.44 0.02	56.96 -4.16 0.02	58.44 -3.86 0.02	55.72 -4.20 0.02	53.23 -4.32 0.02	53.29 -4.07 0.02	50.21 -3.90 0.02	53.09 -4.43 0.02	48.34 -5.06 6.15	59.19 -6.05 2.03	68.71 -5.17 0.00	62.24 -5.05 0.02	52.31 -5.14 1.62	46.14 -4.18 0.02	42.06 -2.54 0.00	40.22 -1.12 0.00
N.E_GEN_SANDY PD 24062	41.30 1.20 0.00	39.23 0.96 0.00	38.48 1.01 0.00	38.11 1.04 0.00	41.20 1.18 -2.11	45.30 1.26 -3.29	55.20 1.29 0.00	66.35 1.73 -0.53	72.46 1.36 0.53	64.05 1.34 -1.57	62.00 1.25 1.57	60.59 0.66 0.00	58.31 0.75 0.00	58.13 0.74 0.00	55.15 1.03 0.00	56.88 1.61 2.27	63.67 1.85 -2.27	74.22 2.49 -4.46	84.00 2.58 -7.54	74.50 2.29 -4.90	65.04 2.19 -3.78	52.10 1.76 0.00	45.63 1.03 0.00	42.37 1.03 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.18 2.09 0.00	39.91 1.65 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.62 1.87 0.00	56.28 2.37 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.29 3.36 0.00	61.08 3.51 0.00	61.06 3.67 0.00	57.86 3.73 0.00	61.16 3.62 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.68 4.80 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.50 2.90 0.00	43.86 2.52 0.00
N.QUEENS_27_KV_LOAD 356247	42.99 2.89 0.00	40.68 2.41 0.00	39.64 2.17 0.00	39.15 2.08 0.00	39.96 2.05 0.00	43.23 2.49 0.00	56.93 3.02 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.31 3.18 0.00	65.69 3.37 0.00	63.41 3.48 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.34 3.80 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.35 4.04 0.00	62.79 3.72 0.00	54.11 3.78 0.00	48.45 3.84 -0.01	44.69 3.35 -0.01
N.TROY___115KV_TB1 355778	41.30 1.20 0.00	39.30 1.03 0.00	38.51 1.05 0.00	38.11 1.04 0.00	39.02 1.10 0.00	41.97 1.22 0.00	55.31 1.40 0.00	65.63 1.54 0.00	73.14 1.50 0.00	62.60 1.47 0.00	63.57 1.25 0.00	60.83 0.90 0.00	58.49 0.92 0.00	58.36 0.98 0.00	55.32 1.19 0.00	59.15 1.61 0.00	61.28 1.73 0.00	69.63 2.35 0.00	76.32 2.44 0.00	69.47 2.15 0.00	61.08 2.01 0.00	51.90 1.56 0.00	45.81 1.20 0.00	42.45 1.12 0.00
NARROWS_GT1_1 24228	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT1_2 24229	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT1_3 24230	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT1_4 24231	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT1_5 24232	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01

NARROWS_GT1_6 24233	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT1_7 24234	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT1_8 24235	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_1 24236	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_2 24237	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_3 24238	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_4 24239	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_5 24240	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_6 24241	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_7 24242	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NARROWS_GT2_8 24243	42.99 2.89 -0.01	40.69 2.41 -0.01	39.57 2.10 -0.01	39.15 2.07 -0.01	40.01 2.08 -0.01	43.07 2.32 -0.01	56.82 2.91 0.00	67.22 3.14 0.01	75.63 4.01 0.01	64.55 3.42 0.01	66.12 3.80 0.01	63.76 3.84 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.30 4.17 0.00	61.62 4.09 0.00	64.01 4.47 0.01	72.17 4.91 0.01	79.19 5.32 0.01	71.88 4.58 0.01	63.19 4.13 0.01	54.12 3.78 0.00	48.39 3.79 0.00	44.57 3.23 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.18 1.08 0.00	39.30 1.03 0.00	38.51 1.05 0.00	38.07 1.00 0.00	38.90 0.99 0.00	41.84 1.10 0.00	55.20 1.29 0.00	65.69 1.60 0.00	73.07 1.43 0.00	62.17 1.04 0.00	63.08 0.75 0.00	60.41 0.48 0.00	58.03 0.46 0.00	58.02 0.63 0.00	54.89 0.76 0.00	58.63 1.09 0.00	60.74 1.19 0.00	69.09 1.82 0.00	76.02 2.14 0.00	69.00 1.68 0.00	60.72 1.65 0.00	51.70 1.36 0.00	45.58 0.98 0.00	42.20 0.87 0.00
NCHELSEA_115KV_TR2 355582	42.26 2.17 0.00	40.07 1.80 0.00	39.19 1.72 0.00	38.74 1.67 0.00	39.51 1.59 0.00	42.70 1.96 0.00	56.39 2.48 0.00	67.10 3.01 0.00	75.14 3.51 0.00	64.31 3.18 0.00	65.63 3.30 0.00	63.23 3.30 0.00	61.02 3.45 0.00	61.06 3.67 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.24 3.69 0.00	71.51 4.24 0.00	78.61 4.73 0.00	71.28 3.97 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.41 2.81 0.00	43.77 2.44 0.00
NEG CAPITAL___MECHNVIL 23645	41.74 1.64 0.00	39.76 1.49 0.00	38.89 1.42 0.00	38.48 1.41 0.00	39.44 1.52 0.00	42.37 1.63 0.00	55.85 1.94 0.00	66.65 2.57 0.00	74.21 2.58 0.00	63.33 2.20 0.00	64.63 2.31 0.00	61.97 2.04 0.00	59.52 1.96 0.00	59.39 2.01 0.00	56.07 1.95 0.00	59.96 2.42 0.00	62.11 2.56 0.00	70.44 3.16 0.00	77.05 3.17 0.00	70.07 2.76 0.00	61.79 2.72 0.00	52.50 2.16 0.00	46.25 1.65 0.00	42.86 1.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.53 -1.56 0.00	37.24 -1.03 0.00	36.38 -1.09 0.00	35.96 -1.11 0.00	36.67 -1.25 0.00	39.28 -1.47 0.00	51.91 -1.99 0.00	61.59 -2.50 0.00	68.97 -2.65 0.01	59.05 -2.08 0.01	59.82 -2.50 0.01	57.52 -2.40 0.01	55.02 -2.53 0.01	54.91 -2.47 0.01	51.90 -2.22 0.01	55.00 -2.53 0.01	55.47 -3.03 1.05	64.15 -3.50 -0.38	71.22 -2.66 0.00	64.75 -2.56 0.01	56.30 -3.07 -0.30	47.71 -2.62 0.01	42.69 -1.92 0.00	39.85 -1.49 0.00

NEG CENTRAL___DRP 24199	39.70 -0.40 0.00	38.15 -0.11 0.00	37.24 -0.22 0.00	36.92 -0.15 0.00	37.65 -0.27 0.00	40.30 -0.45 0.00	53.21 -0.70 0.00	63.38 -0.70 0.00	71.05 -0.57 0.01	60.88 -0.61 -0.36	62.44 -0.62 -0.74	59.98 -0.66 -0.71	57.36 -0.86 -0.66	57.29 -0.75 -0.65	53.91 -0.70 -0.48	57.17 -0.86 -0.49	57.68 -0.83 1.04	67.28 -1.01 -1.02	73.14 -0.74 0.00	66.69 -0.61 0.01	59.18 -0.71 -0.82	49.67 -0.65 0.01	44.07 -0.54 0.00	41.13 -0.21 0.00
NEG CENTRAL___INDECK 23768	39.98 -0.12 0.00	38.99 0.73 0.00	38.03 0.56 0.00	37.59 0.52 0.00	38.19 0.27 0.00	40.82 0.08 0.00	53.91 0.00 0.00	63.57 -0.51 0.00	70.67 -0.93 0.03	59.94 -1.16 0.03	60.67 -1.62 0.03	58.04 -1.86 0.03	55.34 -2.19 0.03	55.29 -2.06 0.03	52.15 -1.95 0.03	55.49 -2.02 0.03	67.16 -1.96 -9.57	76.67 -1.88 -11.28	73.51 -0.37 0.00	66.94 -0.33 0.03	66.97 -1.12 -9.02	49.25 -1.06 0.03	44.20 -0.40 0.00	41.58 0.25 0.00
NEG CENTRAL___SENECA 23627	39.62 -0.48 0.00	38.27 0.00 0.00	37.24 -0.22 0.00	37.00 -0.07 0.00	37.69 -0.23 0.00	40.25 -0.49 0.00	52.99 -0.92 0.00	63.13 -0.96 0.00	70.68 -0.93 0.03	60.40 -0.92 -0.18	61.78 -0.93 -0.39	59.35 -0.96 -0.38	56.70 -1.21 -0.35	56.64 -1.09 -0.34	53.35 -1.03 -0.25	56.59 -1.21 -0.26	55.77 -1.19 2.59	67.45 -1.41 -1.58	72.85 -1.03 0.00	66.41 -0.88 0.03	59.27 -1.06 -1.27	49.46 -0.86 0.03	43.93 -0.67 0.00	41.13 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	39.82 -0.28 0.00	38.15 -0.11 0.00	37.28 -0.19 0.00	36.92 -0.15 0.00	37.73 -0.19 0.00	40.46 -0.29 0.00	53.53 -0.38 0.00	63.83 -0.26 0.00	71.57 -0.07 -0.01	61.41 -0.18 -0.46	63.06 -0.19 -0.92	60.64 -0.18 -0.89	58.04 -0.35 -0.82	57.91 -0.29 -0.82	54.52 -0.22 -0.61	57.82 -0.35 -0.62	61.48 -0.30 -2.22	67.35 -0.34 -0.42	73.81 -0.07 0.00	67.32 0.00 -0.01	59.28 -0.12 -0.33	50.09 -0.25 -0.01	44.38 -0.22 0.00	41.21 -0.12 0.00
NEG MILLWOOD___DRP 24198	42.42 2.33 0.00	40.18 1.91 0.00	39.34 1.87 0.00	38.81 1.74 0.00	39.62 1.71 0.00	42.78 2.04 0.00	56.44 2.53 0.00	67.23 3.14 0.00	75.43 3.80 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.77 3.84 0.00	61.54 3.97 0.00	61.57 4.19 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.78 4.23 0.00	72.05 4.78 0.00	78.98 5.10 0.00	71.82 4.51 0.00	63.15 4.08 0.00	53.96 3.62 0.00	47.81 3.21 0.00	44.06 2.73 0.00
NEG NORTH_FLCN_SEA 23793	41.06 0.96 0.00	39.26 0.99 0.00	38.44 0.97 0.00	37.96 0.89 0.00	38.94 1.02 0.00	41.44 0.69 0.00	54.82 0.92 0.00	65.05 0.96 0.00	72.71 1.07 0.00	61.99 0.86 0.00	63.14 0.81 0.00	60.83 0.90 0.00	58.37 0.81 0.00	57.79 0.40 0.00	54.13 0.00 0.00	57.60 0.06 0.00	59.49 -0.06 0.00	67.00 -0.27 0.00	73.22 -0.66 0.00	66.91 -0.40 0.00	58.71 -0.35 0.00	50.49 0.15 0.00	44.74 0.13 0.00	41.29 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	40.70 0.60 0.00	38.88 0.61 0.00	38.10 0.64 0.00	37.59 0.52 0.00	38.56 0.64 0.00	41.35 0.61 0.00	54.93 1.02 0.00	65.18 1.09 0.00	72.78 1.15 0.00	61.99 0.86 0.00	63.15 0.81 -0.01	62.14 0.84 -1.37	59.84 0.75 -1.53	57.74 0.34 -0.01	54.07 -0.05 0.00	57.54 0.00 0.00	59.55 0.00 0.00	67.14 -0.13 0.00	73.36 -0.52 0.00	67.04 -0.27 0.00	58.83 -0.24 0.00	50.34 0.00 0.00	44.65 0.04 0.00	41.21 -0.12 0.00
NEG NORTH___ALICE_FALLS 23915	41.14 1.04 0.00	39.34 1.07 0.00	38.51 1.05 0.00	38.00 0.93 0.00	39.02 1.10 0.00	41.68 0.94 0.00	55.36 1.46 0.00	65.63 1.54 0.00	73.42 1.79 0.00	62.54 1.41 0.00	63.70 1.37 0.00	61.31 1.38 0.00	58.83 1.27 0.00	58.24 0.86 0.00	54.51 0.38 0.00	58.00 0.46 0.00	59.97 0.42 0.00	67.68 0.40 0.00	73.88 0.00 0.00	67.58 0.27 0.00	59.31 0.24 0.00	50.79 0.45 0.00	45.00 0.40 0.00	41.50 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	41.14 1.04 0.00	39.34 1.07 0.00	38.51 1.05 0.00	38.00 0.93 0.00	39.02 1.10 0.00	41.68 0.94 0.00	55.36 1.46 0.00	65.63 1.54 0.00	73.42 1.79 0.00	62.54 1.41 0.00	63.70 1.37 0.00	61.31 1.38 0.00	58.83 1.27 0.00	58.24 0.86 0.00	54.51 0.38 0.00	58.00 0.46 0.00	59.97 0.42 0.00	67.68 0.40 0.00	73.88 0.00 0.00	67.58 0.27 0.00	59.31 0.24 0.00	50.79 0.45 0.00	45.00 0.40 0.00	41.50 0.17 0.00
NEG NORTH___PLATTSBURG 23628	41.14 1.04 0.00	39.34 1.07 0.00	38.51 1.05 0.00	38.00 0.93 0.00	39.02 1.10 0.00	41.68 0.94 0.00	54.77 0.86 0.00	64.66 0.58 0.00	72.42 0.79 0.00	61.68 0.55 0.00	62.82 0.50 0.00	60.41 0.48 0.00	57.97 0.41 0.00	57.38 0.00 0.00	54.02 -0.11 0.00	57.14 -0.40 0.00	59.07 -0.48 0.00	66.67 -0.61 0.00	72.92 -0.96 0.00	66.64 -0.67 0.00	58.66 -0.41 0.00	50.49 0.15 0.00	45.00 0.40 0.00	41.58 0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.82 -1.10 0.00	38.67 -2.08 0.00	49.70 -4.20 0.00	59.03 -5.06 0.00	65.52 -6.09 0.02	55.49 -5.62 0.02	57.01 -5.30 0.02	54.28 -5.63 0.02	51.90 -5.64 0.02	51.97 -5.39 0.02	49.02 -5.09 0.02	51.82 -5.70 0.02	45.91 -6.49 7.15	56.96 -7.74 2.58	66.86 -7.02 0.00	60.63 -6.66 0.02	50.45 -6.56 2.06	44.98 -5.34 0.02	41.21 -3.39 0.00	39.52 -1.82 0.00
NEG WEST___LANCASTR 23811	37.69 -2.41 0.00	37.04 -1.22 0.00	35.82 -1.65 0.00	35.77 -1.30 0.00	36.10 -1.82 0.00	38.14 -2.61 0.00	49.70 -4.20 0.00	58.77 -5.32 0.00	65.09 -6.52 0.03	57.26 -3.85 0.03	58.13 -4.18 0.03	56.25 -3.66 0.03	54.09 -3.45 0.03	54.15 -3.21 0.03	51.40 -2.71 0.03	55.15 -2.36 0.03	48.15 -2.74 8.66	59.73 -4.37 3.17	68.19 -5.69 0.00	62.71 -4.58 0.03	52.28 -4.25 2.54	46.19 -4.13 0.03	40.77 -3.84 0.00	39.10 -2.23 0.00
NEG_PENN_ALLEGHNY 23528	40.26 0.16 0.00	38.57 0.30 0.00	37.73 0.26 0.00	37.37 0.30 0.00	38.11 0.19 0.00	40.95 0.20 0.00	54.18 0.27 0.00	64.28 0.19 0.00	71.99 0.36 0.00	61.38 0.25 0.00	62.77 0.44 0.00	60.35 0.42 0.00	57.91 0.35 0.00	57.84 0.46 0.00	54.51 0.38 0.00	57.94 0.41 0.00	59.04 0.47 0.99	66.97 0.41 0.71	74.33 0.45 0.00	67.72 0.41 0.00	58.86 0.36 0.57	50.49 0.15 0.00	44.78 0.18 0.00	41.66 0.33 0.00
NEG___GEN_MONROE 24207	39.34 -0.76 0.00	38.31 0.04 0.00	37.09 -0.37 0.00	36.96 -0.11 0.00	37.58 -0.34 0.00	39.85 -0.90 0.00	52.24 -1.67 0.00	62.23 -1.86 0.00	69.54 -2.08 0.01	58.98 -2.14 0.01	60.44 -1.87 0.01	57.82 -2.10 0.01	55.31 -2.25 0.01	55.19 -2.18 0.01	51.95 -2.17 0.01	54.94 -2.59 0.01	54.17 -2.98 2.41	63.76 -3.50 0.02	71.07 -2.81 0.00	64.47 -2.83 0.01	56.10 -2.95 0.01	47.86 -2.47 0.01	43.22 -1.38 0.00	40.67 -0.66 0.00
NEPA___ENERGY 23901	38.29 -1.80 0.00	37.66 -0.61 0.00	36.38 -1.09 0.00	36.37 -0.70 0.00	36.67 -1.25 0.00	38.75 -2.00 0.00	50.57 -3.34 0.00	59.86 -4.23 0.00	66.31 -5.30 0.03	56.83 -4.28 0.03	57.88 -4.43 0.03	55.47 -4.43 0.03	53.16 -4.37 0.03	53.28 -4.07 0.03	50.37 -3.73 0.03	53.49 -4.03 0.03	46.80 -4.23 8.52	58.80 -5.38 3.09	68.78 -5.10 0.00	62.71 -4.58 0.03	52.05 -4.55 2.47	46.39 -3.93 0.03	41.66 -2.94 0.00	39.76 -1.57 0.00

NEVERSINK___HYD 23608	42.34 2.24 0.00	40.18 1.91 0.00	39.26 1.80 0.00	38.89 1.82 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.60 2.69 0.00	67.48 3.39 0.00	75.57 3.94 0.00	64.43 3.30 0.00	65.82 3.49 0.00	63.41 3.47 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.70 3.57 0.00	61.17 3.63 0.00	63.42 3.87 0.00	71.58 4.31 0.00	78.61 4.73 0.00	71.42 4.11 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.41 2.81 0.00	43.73 2.40 0.00
NEWKRMKL_115KV_TB1 55635	40.50 0.40 0.00	38.65 0.38 0.00	37.88 0.41 0.00	37.44 0.37 0.00	38.33 0.42 0.00	41.15 0.41 0.00	54.18 0.27 0.00	64.34 0.26 0.00	71.92 0.29 0.00	61.50 0.37 0.00	62.58 0.25 0.00	60.05 0.12 0.00	57.74 0.17 0.00	57.67 0.29 0.00	54.62 0.49 0.00	58.23 0.69 0.00	60.26 0.71 0.00	68.28 1.01 0.00	74.84 0.96 0.00	68.12 0.81 0.00	59.90 0.83 0.00	50.99 0.65 0.00	45.00 0.40 0.00	41.66 0.33 0.00
NEWTON___FALLS_HYD 23847	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.94 1.02 0.00	41.97 1.22 0.00	55.53 1.62 0.00	66.14 2.05 0.00	73.78 2.15 0.00	63.29 1.96 -0.20	65.14 2.31 -0.51	73.57 2.28 -11.36	72.18 2.01 -12.60	59.68 1.84 -0.46	55.59 1.19 -0.27	59.14 1.32 -0.27	60.56 1.01 0.00	67.74 0.47 0.00	74.62 0.74 0.00	68.32 1.01 0.00	59.78 0.71 0.00	51.45 1.11 0.00	45.63 1.03 0.00	42.04 0.70 0.00
NGRID_A1_DSASP 323792	37.45 -2.65 0.00	37.58 -0.69 0.00	36.12 -1.35 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	38.46 -2.28 0.00	49.76 -4.15 0.00	58.19 -5.89 0.00	64.45 -7.16 0.02	55.12 -5.99 0.02	55.51 -6.79 0.02	53.02 -6.89 0.02	50.63 -6.91 0.02	50.82 -6.54 0.02	48.10 -6.01 0.02	50.84 -6.67 0.02	44.50 -7.33 7.73	55.24 -9.08 2.95	66.49 -7.39 0.00	60.29 -7.00 0.02	48.99 -7.74 2.35	43.97 -6.34 0.02	40.46 -4.15 0.00	38.48 -2.85 0.00
NGRID_A2_DSASP 323793	37.45 -2.65 0.00	37.58 -0.69 0.00	36.12 -1.35 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	38.46 -2.28 0.00	49.76 -4.15 0.00	58.19 -5.89 0.00	64.45 -7.16 0.02	55.12 -5.99 0.02	55.51 -6.79 0.02	53.02 -6.89 0.02	50.63 -6.91 0.02	50.82 -6.54 0.02	48.10 -6.01 0.02	50.84 -6.67 0.02	44.50 -7.33 7.73	55.24 -9.08 2.95	66.49 -7.39 0.00	60.29 -7.00 0.02	48.99 -7.74 2.35	43.97 -6.34 0.02	40.46 -4.15 0.00	38.48 -2.85 0.00
NGRID_A4_DSASP 323807	37.45 -2.65 0.00	37.58 -0.69 0.00	36.12 -1.35 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	38.46 -2.28 0.00	49.76 -4.15 0.00	58.19 -5.89 0.00	64.45 -7.16 0.02	55.12 -5.99 0.02	55.51 -6.79 0.02	53.02 -6.89 0.02	50.63 -6.91 0.02	50.82 -6.54 0.02	48.10 -6.01 0.02	50.84 -6.67 0.02	44.50 -7.33 7.73	55.24 -9.08 2.95	66.49 -7.39 0.00	60.29 -7.00 0.02	48.99 -7.74 2.35	43.97 -6.34 0.02	40.46 -4.15 0.00	38.48 -2.85 0.00
NIAGARA_115E_LBMP 323715	38.05 -2.04 0.00	37.12 -1.15 0.00	36.64 -0.82 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	39.03 -1.71 0.00	50.19 -3.72 0.00	58.32 -5.77 0.00	64.59 -7.02 0.02	55.24 -5.87 0.02	55.70 -6.61 0.02	53.20 -6.71 0.02	50.87 -6.68 0.02	50.99 -6.37 0.02	48.26 -5.85 0.02	51.07 -6.44 0.02	44.52 -7.56 7.46	55.64 -8.88 2.76	66.71 -7.17 0.00	60.49 -6.80 0.02	49.31 -7.56 2.20	44.17 -6.14 0.02	40.81 -3.79 0.00	39.31 -2.02 0.00
NIAGARA_115W_LBMP 323714	37.37 -2.73 0.00	37.54 -0.73 0.00	36.04 -1.42 0.00	35.66 -1.41 0.00	36.02 -1.89 0.00	38.38 -2.36 0.00	49.59 -4.31 0.00	58.06 -6.03 0.00	64.30 -7.31 0.02	54.94 -6.17 0.02	55.33 -6.98 0.02	52.84 -7.07 0.02	50.52 -7.03 0.02	50.65 -6.71 0.02	47.99 -6.12 0.02	50.73 -6.79 0.02	44.38 -7.45 7.72	55.11 -9.21 2.95	66.34 -7.54 0.00	60.15 -7.14 0.02	48.86 -7.86 2.35	43.87 -6.44 0.02	40.36 -4.24 0.00	38.40 -2.93 0.00
NIAGARA_230_LBMP 323716	37.81 -2.28 0.00	37.39 -0.88 0.00	36.38 -1.09 0.00	36.03 -1.04 0.00	36.40 -1.52 0.00	38.79 -1.95 0.00	50.41 -3.50 0.00	58.96 -5.13 0.00	65.31 -6.30 0.02	55.79 -5.32 0.02	56.26 -6.04 0.02	53.80 -6.11 0.02	51.39 -6.16 0.02	51.57 -5.79 0.02	48.81 -5.30 0.02	51.59 -5.93 0.02	45.00 -6.85 7.70	56.23 -8.07 2.97	67.45 -6.43 0.00	61.10 -6.19 0.02	49.79 -6.91 2.37	44.68 -5.64 0.02	40.99 -3.61 0.00	39.02 -2.31 0.00
NIAGARA___115KV_198_GIBSON 55903	37.37 -2.73 0.00	36.97 -1.30 0.00	35.59 -1.87 0.00	35.66 -1.41 0.00	36.02 -1.90 0.00	37.77 -2.97 0.00	48.52 -5.39 0.00	57.81 -6.28 0.00	64.09 -7.52 0.02	54.14 -6.97 0.02	55.70 -6.61 0.02	52.96 -6.95 0.02	50.58 -6.97 0.02	50.71 -6.66 0.02	47.83 -6.28 0.02	50.44 -7.08 0.02	44.50 -7.32 7.72	54.97 -9.35 2.95	65.16 -8.72 0.00	58.94 -8.35 0.02	48.63 -8.09 2.35	43.82 -6.49 0.02	40.19 -4.42 0.00	38.32 -3.02 0.00
NIAGARA____ 23760	37.81 -2.28 0.00	37.39 -0.88 0.00	36.38 -1.09 0.00	36.03 -1.04 0.00	36.40 -1.52 0.00	38.79 -1.95 0.00	50.41 -3.50 0.00	58.96 -5.13 0.00	65.31 -6.30 0.02	55.79 -5.32 0.02	56.26 -6.04 0.02	53.80 -6.11 0.02	51.38 -6.16 0.02	51.57 -5.79 0.02	48.81 -5.30 0.02	51.59 -5.93 0.02	45.09 -6.85 7.61	56.31 -8.07 2.89	67.45 -6.43 0.00	61.10 -6.19 0.02	49.85 -6.91 2.30	44.68 -5.64 0.02	40.99 -3.61 0.00	39.02 -2.31 0.00
NINE_MILE_1 23575	38.81 -1.28 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.48 -1.26 0.00	52.24 -1.67 0.00	62.10 -1.99 0.00	69.49 -2.15 0.00	51.44 -1.90 7.80	44.76 -2.00 15.58	43.02 -1.92 15.00	41.77 -1.90 13.90	41.76 -1.84 13.79	42.09 -1.73 10.30	45.20 -1.84 10.50	57.52 -2.02 0.00	65.12 -2.16 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.10 -1.24 0.00
NINE_MILE_2 23744	38.85 -1.24 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.48 -1.26 0.00	52.24 -1.67 0.00	62.10 -1.99 0.00	69.49 -2.15 0.00	51.37 -1.90 7.87	44.62 -2.00 15.71	42.88 -1.92 15.13	41.64 -1.90 14.02	41.64 -1.84 13.91	42.00 -1.73 10.39	45.11 -1.84 10.59	57.59 -1.96 0.00	65.12 -2.16 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.10 -1.24 0.00
NM_CAPITAL___DRP 24208	40.50 0.40 0.00	38.61 0.34 0.00	37.84 0.37 0.00	37.44 0.37 0.00	38.30 0.38 0.00	41.15 0.41 0.00	54.12 0.22 0.00	64.28 0.19 0.00	71.78 0.14 0.00	61.44 0.31 0.00	62.45 0.12 0.00	59.87 -0.06 0.00	57.62 0.06 0.00	57.50 0.11 0.00	54.51 0.38 0.00	58.17 0.63 0.00	60.15 0.60 0.00	68.22 0.94 0.00	74.84 0.96 0.00	68.05 0.74 0.00	59.90 0.83 0.00	50.94 0.60 0.00	44.96 0.36 0.00	41.66 0.33 0.00
NM_CENTRAL___DRP 24181	39.54 -0.56 0.00	37.81 -0.46 0.00	36.94 -0.52 0.00	36.59 -0.48 0.00	37.39 -0.53 0.00	40.13 -0.61 0.00	53.10 -0.81 0.00	63.26 -0.83 0.00	70.99 -0.64 0.00	60.52 -0.61 0.00	61.77 -0.56 0.00	59.39 -0.54 0.00	56.93 -0.63 0.00	56.81 -0.57 0.00	53.64 -0.49 0.00	56.91 -0.63 0.00	58.84 -0.71 0.00	66.40 -0.87 0.00	73.07 -0.81 0.00	66.57 -0.74 0.00	58.36 -0.71 0.00	49.63 -0.70 0.00	43.98 -0.62 0.00	40.84 -0.50 0.00

NM_FRONTIER___DRP 24179	37.37 -2.73 0.00	36.97 -1.30 0.00	35.59 -1.87 0.00	35.66 -1.41 0.00	36.02 -1.90 0.00	37.77 -2.97 0.00	48.52 -5.39 0.00	57.81 -6.28 0.00	64.09 -7.52 0.02	54.14 -6.97 0.02	55.70 -6.61 0.02	52.96 -6.95 0.02	50.58 -6.97 0.02	50.71 -6.66 0.02	47.83 -6.28 0.02	50.44 -7.08 0.02	44.50 -7.32 7.72	54.97 -9.35 2.95	65.16 -8.72 0.00	58.94 -8.35 0.02	48.63 -8.09 2.35	43.82 -6.49 0.02	40.19 -4.42 0.00	38.32 -3.02 0.00
NM_ST_REGIS___HYD 24053	41.30 1.20 0.00	39.53 1.26 0.00	38.66 1.20 0.00	38.18 1.11 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.85 1.94 0.00	66.33 2.24 0.00	74.07 2.44 0.00	63.40 2.26 0.00	64.83 2.37 -0.13	75.99 2.40 -13.66	75.04 2.25 -15.23	59.41 1.89 -0.13	55.43 1.30 0.00	59.04 1.50 0.00	60.74 1.19 0.00	67.95 0.67 0.00	74.47 0.59 0.00	68.19 0.88 0.00	59.78 0.71 0.00	51.40 1.06 0.00	45.72 1.12 0.00	42.12 0.79 0.00
NORTHPORT___1 23551	41.90 1.81 0.00	39.34 1.07 0.00	38.36 0.90 0.00	38.03 0.96 0.00	38.90 0.98 0.00	41.93 1.18 0.00	51.84 0.75 2.82	52.26 1.09 12.92	52.16 1.65 21.12	52.93 1.53 9.73	64.38 2.05 0.01	55.08 2.46 7.31	49.69 2.30 10.18	57.13 2.58 2.84	56.11 2.49 0.51	58.93 2.42 1.02	59.75 2.56 2.36	70.16 2.89 0.01	77.12 3.25 0.01	70.34 3.03 0.01	61.42 2.37 0.02	51.80 2.02 0.55	47.05 2.45 0.01	43.89 2.56 0.01
NORTHPORT___2 23552	41.90 1.81 0.00	39.34 1.07 0.00	38.36 0.90 0.00	38.03 0.96 0.00	38.90 0.98 0.00	41.93 1.18 0.00	51.84 0.75 2.82	52.26 1.09 12.92	52.16 1.65 21.12	52.93 1.53 9.73	64.38 2.05 0.01	55.08 2.46 7.31	49.69 2.30 10.18	57.13 2.58 2.84	56.11 2.49 0.51	58.93 2.42 1.02	59.75 2.56 2.36	70.16 2.89 0.01	77.12 3.25 0.01	70.34 3.03 0.01	61.42 2.37 0.02	51.80 2.02 0.55	47.05 2.45 0.01	43.89 2.56 0.01
NORTHPORT___3 23553	41.78 1.68 0.00	39.26 0.96 -0.04	38.27 0.79 -0.02	37.92 0.85 0.00	38.79 0.87 0.00	41.80 1.06 0.00	51.77 0.54 2.68	52.10 0.77 12.76	52.10 1.29 20.82	52.67 1.22 9.69	64.38 1.74 -0.31	54.93 2.15 7.15	49.58 2.01 10.00	56.96 2.24 2.66	56.04 2.22 0.31	59.00 2.13 0.67	59.52 2.20 2.24	70.10 2.56 -0.27	76.93 2.81 -0.25	70.51 2.70 -0.50	61.23 2.01 -0.15	51.51 1.71 0.54	46.87 2.27 0.01	43.81 2.48 0.01
NORTHPORT___4 23650	41.78 1.68 0.00	39.26 0.96 -0.04	38.27 0.79 -0.02	37.92 0.85 0.00	38.79 0.87 0.00	41.80 1.06 0.00	51.77 0.54 2.68	52.10 0.77 12.76	52.10 1.29 20.82	52.67 1.22 9.69	64.38 1.74 -0.31	54.93 2.15 7.15	49.58 2.01 10.00	56.96 2.24 2.66	56.04 2.22 0.31	59.00 2.13 0.67	59.52 2.20 2.24	70.10 2.56 -0.27	76.93 2.81 -0.25	70.51 2.70 -0.50	61.23 2.01 -0.15	51.51 1.71 0.54	46.87 2.27 0.01	43.81 2.48 0.01
NORTHPORT___IC 23718	41.90 1.80 0.00	39.34 1.07 0.00	38.48 1.01 0.00	38.03 0.96 0.00	38.90 0.99 0.00	42.29 1.55 0.00	51.95 0.86 2.82	52.20 1.03 12.92	52.02 1.50 21.12	52.93 1.53 9.73	64.25 1.93 0.01	54.78 2.16 7.31	49.52 2.13 10.18	56.84 2.30 2.84	56.06 2.44 0.51	58.71 2.19 1.02	59.57 2.38 2.36	70.03 2.76 0.01	77.13 3.25 0.01	69.80 2.49 0.01	61.18 2.13 0.02	51.80 2.01 0.55	47.01 2.41 0.01	43.97 2.65 0.01
NORTH___COUNTRY_ESR 323785	40.62 0.52 0.00	38.80 0.54 0.00	37.99 0.52 0.00	37.52 0.45 0.00	38.49 0.57 0.00	41.23 0.49 0.00	54.45 0.54 0.00	64.48 0.39 0.00	72.14 0.50 0.00	61.50 0.37 0.00	62.65 0.31 -0.01	61.70 0.36 -1.40	59.36 0.23 -1.56	57.28 -0.11 -0.01	53.81 -0.32 0.00	57.02 -0.52 0.00	58.95 -0.60 0.00	66.40 -0.88 0.00	72.70 -1.18 0.00	66.37 -0.94 0.00	58.36 -0.71 0.00	50.04 -0.30 0.00	44.51 -0.09 0.00	41.17 -0.16 0.00
NPX_GEN_1385_PROXY 323591	41.82 1.72 0.00	39.34 1.07 0.00	38.36 0.90 0.00	38.03 0.96 0.00	38.90 0.98 0.00	41.84 1.10 0.00	52.00 0.92 2.82	66.35 1.28 -0.98	67.07 1.86 6.42	55.19 1.71 7.65	62.80 2.05 1.58	54.90 2.28 7.31	49.57 2.19 10.18	56.90 2.35 2.84	56.00 2.38 0.51	56.55 2.30 3.29	61.90 2.44 0.09	70.23 2.96 0.01	77.20 3.33 0.01	70.41 3.10 0.01	61.48 2.42 0.02	51.75 1.96 0.55	44.90 2.27 1.98	43.81 2.48 0.01
NPX_GEN_CSC 323557	41.26 1.16 0.00	37.06 0.23 1.44	36.83 0.08 0.71	37.37 0.30 0.00	38.22 0.30 0.00	41.23 0.49 0.00	45.96 0.05 8.00	47.93 0.06 16.22	42.76 0.50 29.38	53.92 0.86 8.07	49.11 0.99 14.21	49.60 1.44 11.77	43.54 1.33 15.35	49.67 1.55 9.27	47.30 1.57 8.40	42.26 1.79 17.06	56.97 1.96 4.54	58.50 2.29 11.06	66.35 2.51 10.04	49.37 2.09 20.03	54.20 1.77 6.64	50.91 1.31 0.74	46.20 1.60 0.00	43.03 1.70 0.00
NSINS_S_GLNS_FALLS 23858	41.58 1.48 0.00	39.61 1.34 0.00	38.78 1.31 0.00	38.29 1.22 0.00	39.25 1.33 0.00	42.29 1.55 0.00	55.63 1.73 0.00	66.27 2.18 0.00	73.57 1.93 0.00	62.78 1.65 0.00	64.13 1.81 0.00	61.49 1.56 0.00	58.95 1.38 0.00	58.93 1.55 0.00	55.64 1.52 0.00	59.44 1.90 0.00	61.51 1.97 0.00	69.83 2.56 0.00	76.39 2.51 0.00	69.47 2.15 0.00	61.37 2.30 0.00	52.10 1.76 0.00	46.12 1.52 0.00	42.66 1.32 0.00
NUCOR_STEEL___DRP 24197	39.94 -0.16 0.00	38.23 -0.04 0.00	37.35 -0.11 0.00	37.00 -0.07 0.00	37.80 -0.11 0.00	40.54 -0.20 0.00	53.64 -0.27 0.00	63.90 -0.19 0.00	71.71 0.07 -0.01	61.58 -0.06 -0.51	63.33 0.00 -1.01	60.90 0.00 -0.97	58.29 -0.17 -0.90	58.16 -0.11 -0.89	54.74 -0.05 -0.67	58.05 -0.17 -0.68	61.22 -0.18 -1.85	67.08 -0.20 -0.01	73.88 0.00 0.00	67.39 0.07 -0.01	59.02 -0.06 -0.01	50.19 -0.15 -0.01	44.47 -0.13 0.00	41.29 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	41.06 0.96 0.00	39.15 0.88 0.00	38.21 0.75 0.00	37.85 0.78 0.00	38.68 0.76 0.00	41.76 1.02 0.00	55.31 1.40 0.00	65.88 1.79 0.00	73.57 1.93 0.00	62.93 1.59 -0.21	65.10 2.31 -0.46	67.48 2.15 -5.39	65.29 1.79 -5.94	59.64 1.84 -0.42	55.43 1.03 -0.28	58.80 0.98 -0.28	60.27 0.72 0.00	67.75 0.47 0.00	74.77 0.89 0.00	68.46 1.14 0.00	59.84 0.77 0.00	51.25 0.91 0.00	45.36 0.76 0.00	41.79 0.46 0.00
NYISO_LBMP_REFERENCE 24008	40.10 0.00 0.00	38.27 0.00 0.00	37.47 0.00 0.00	37.07 0.00 0.00	37.92 0.00 0.00	40.74 0.00 0.00	53.91 0.00 0.00	64.09 0.00 0.00	71.63 0.00 0.00	61.13 0.00 0.00	62.33 0.00 0.00	59.93 0.00 0.00	57.56 0.00 0.00	57.38 0.00 0.00	54.13 0.00 0.00	57.54 0.00 0.00	59.55 0.00 0.00	67.27 0.00 0.00	73.88 0.00 0.00	67.31 0.00 0.00	59.07 0.00 0.00	50.34 0.00 0.00	44.60 0.00 0.00	41.33 0.00 0.00
NYPA_BRENTWD____GT 24164	42.38 2.28 0.00	39.74 1.61 0.13	38.78 1.39 0.07	38.44 1.37 0.00	39.32 1.40 0.00	42.41 1.67 0.00	52.46 1.72 3.18	53.66 2.24 12.67	53.65 2.87 20.85	53.57 1.71 9.27	64.45 3.30 1.18	56.35 3.60 7.17	50.77 3.40 10.19	57.84 3.68 3.22	56.42 3.52 1.22	58.85 3.57 2.26	60.58 3.69 2.67	70.48 4.24 1.04	77.67 4.73 0.94	69.88 4.44 1.87	61.92 3.48 0.63	52.23 2.42 0.53	47.72 3.12 0.00	44.43 3.10 0.00

NYPA_GOWANUS____GT5 24156	42.99	40.69	39.57	39.15	40.01	43.07	56.82	67.22	75.63	64.55	66.12	63.76	61.71	61.69	58.30	61.62	64.01	72.17	79.12	71.81	63.19	54.12	48.39	44.57
	2.89	2.41	2.10	2.07	2.08	2.32	2.91	3.14	4.01	3.42	3.80	3.84	4.15	4.31	4.17	4.09	4.47	4.91	5.25	4.51	4.13	3.78	3.79	3.23
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA_GOWANUS____GT6 24157	42.99	40.69	39.57	39.15	40.01	43.07	56.82	67.22	75.63	64.55	66.12	63.76	61.71	61.69	58.30	61.62	64.01	72.17	79.12	71.81	63.19	54.12	48.39	44.57
	2.89	2.41	2.10	2.07	2.08	2.32	2.91	3.14	4.01	3.42	3.80	3.84	4.15	4.31	4.17	4.09	4.47	4.91	5.25	4.51	4.13	3.78	3.79	3.23
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT1 24160	42.91	40.61	39.50	39.12	39.93	43.03	56.76	66.77	74.99	64.18	65.68	63.52	61.47	61.45	58.13	61.39	63.59	71.64	78.45	71.21	62.78	53.97	48.36	44.53
	2.81	2.33	2.02	2.04	2.01	2.28	2.86	2.69	3.37	3.06	3.36	3.60	3.92	4.07	4.01	3.86	4.05	4.37	4.58	3.90	3.72	3.63	3.75	3.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	42.91	40.61	39.50	39.12	39.93	43.03	56.76	66.77	74.99	64.18	65.68	63.52	61.47	61.45	58.13	61.39	63.59	71.64	78.45	71.21	62.78	53.97	48.36	44.53
	2.81	2.33	2.02	2.04	2.01	2.28	2.86	2.69	3.37	3.06	3.36	3.60	3.92	4.07	4.01	3.86	4.05	4.37	4.58	3.90	3.72	3.63	3.75	3.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYPA_KENT____GT 24152	42.87	40.57	39.45	39.08	39.89	42.99	56.71	67.16	75.49	64.49	66.06	63.82	61.71	61.69	58.35	61.62	63.95	72.11	78.97	71.68	63.13	54.06	48.26	44.48
	2.76	2.30	1.98	2.00	1.97	2.24	2.80	3.08	3.87	3.36	3.74	3.89	4.15	4.31	4.22	4.09	4.41	4.85	5.09	4.37	4.07	3.73	3.66	3.14
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	43.12	40.80	39.68	39.30	40.12	43.24	56.93	67.35	75.71	64.49	66.12	63.70	61.59	61.57	58.24	61.57	64.01	72.24	79.26	71.95	63.19	54.22	48.53	44.69
	3.01	2.53	2.21	2.22	2.20	2.49	3.02	3.27	4.08	3.36	3.80	3.78	4.03	4.19	4.11	4.03	4.47	4.98	5.39	4.64	4.13	3.88	3.93	3.35
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA_VERNON____GT2 24162	42.79	40.46	39.34	38.96	39.78	42.86	56.60	67.03	75.35	64.49	66.00	63.82	61.76	61.74	58.40	61.68	63.95	72.04	78.82	71.55	63.08	54.01	48.17	44.35
	2.69	2.18	1.87	1.89	1.86	2.12	2.69	2.95	3.72	3.36	3.68	3.89	4.20	4.36	4.28	4.15	4.41	4.78	4.95	4.24	4.02	3.67	3.57	3.02
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	42.79	40.46	39.34	38.96	39.78	42.86	56.60	67.03	75.35	64.49	66.00	63.82	61.76	61.74	58.40	61.68	63.95	72.04	78.82	71.55	63.08	54.01	48.17	44.35
	2.69	2.18	1.87	1.89	1.86	2.12	2.69	2.95	3.72	3.36	3.68	3.89	4.20	4.36	4.28	4.15	4.41	4.78	4.95	4.24	4.02	3.67	3.57	3.02
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	42.75	40.46	39.34	38.92	39.78	42.82	56.55	66.83	75.13	64.30	65.81	63.70	61.59	61.57	58.24	61.51	63.77	71.84	78.60	71.34	62.96	53.91	48.12	44.31
	2.65	2.18	1.87	1.85	1.86	2.08	2.64	2.75	3.51	3.18	3.49	3.78	4.03	4.19	4.11	3.97	4.23	4.58	4.73	4.04	3.90	3.57	3.52	2.98
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	42.75	40.46	39.34	38.92	39.78	42.82	56.55	66.83	75.13	64.30	65.81	63.70	61.59	61.57	58.24	61.51	63.77	71.84	78.60	71.34	62.96	53.91	48.12	44.31
	2.65	2.18	1.87	1.85	1.86	2.08	2.64	2.75	3.51	3.18	3.49	3.78	4.03	4.19	4.11	3.97	4.23	4.58	4.73	4.04	3.90	3.57	3.52	2.98
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	41.70	37.63	37.35	37.81	38.68	41.68	46.38	48.01	43.96	52.69	51.49	50.29	44.27	50.40	48.00	44.92	55.00	58.76	66.71	49.97	54.49	51.36	46.83	43.64
	1.61	0.80	0.60	0.74	0.76	0.94	0.48	0.71	1.22	1.22	1.81	2.15	2.07	2.30	2.27	2.19	2.26	2.56	2.88	2.70	2.07	1.76	2.23	2.31
	0.00	1.44	0.71	0.00	0.00	0.00	8.01	16.78	28.89	9.66	12.64	11.79	15.37	9.28	8.40	14.81	6.81	11.07	10.05	20.04	6.65	0.74	0.00	0.00
NYPA____HELLGATE_GT1 24158	42.91	40.61	39.50	39.12	39.93	43.03	56.76	66.71	74.99	64.12	65.62	63.52	61.47	61.45	58.13	61.39	63.59	71.64	78.45	71.21	62.85	53.97	48.36	44.53
	2.81	2.33	2.02	2.04	2.01	2.28	2.86	2.63	3.37	2.99	3.30	3.60	3.92	4.07	4.01	3.86	4.05	4.37	4.58	3.90	3.78	3.63	3.75	3.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	42.91	40.61	39.50	39.12	39.93	43.03	56.76	66.71	74.99	64.12	65.62	63.52	61.47	61.45	58.13	61.39	63.59	71.64	78.45	71.21	62.85	53.97	48.36	44.53
	2.81	2.33	2.02	2.04	2.01	2.28	2.86	2.63	3.37	2.99	3.30	3.60	3.92	4.07	4.01	3.86	4.05	4.37	4.58	3.90	3.78	3.63	3.75	3.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYS_BARGE____HYD 23848	38.38	37.58	36.90	36.52	36.90	39.36	50.84	59.28	65.74	56.16	56.76	54.28	51.84	51.97	49.13	52.05	46.24	57.28	67.97	61.64	50.66	45.03	41.39	39.64
	-1.72	-0.69	-0.56	-0.56	-1.02	-1.39	-3.07	-4.81	-5.87	-4.95	-5.55	-5.64	-5.70	-5.40	-4.98	-5.47	-6.49	-7.60	-5.91	-5.65	-6.50	-5.28	-3.21	-1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	6.82	2.39	0.00	0.02	1.92	0.02	0.00	0.00
OAK ORCHARD____HYD 24046	39.14	38.00	37.09	36.66	37.35	39.93	52.67	62.36	69.61	59.65	60.26	57.82	55.36	55.25	52.28	55.40	55.03	64.47	72.11	65.48	56.70	48.11	43.27	40.51
	-0.96	-0.27	-0.37	-0.41	-0.57	-0.81	-1.24	-1.73	-2.01	-1.47	-2.06	-2.10	-2.19	-2.12	-1.84	-2.13	-2.68	-3.16	-1.77	-1.81	-2.66	-2.21	-1.34	-0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.84	-0.36	0.00	0.01	-0.28	0.01	0.00	0.00

OAKDALE___35_KV_LOAD 356122	40.10 0.00 0.00	38.42 0.15 0.00	37.58 0.11 0.00	37.22 0.15 0.00	37.96 0.04 0.00	40.70 -0.04 0.00	53.75 -0.16 0.00	63.90 -0.19 0.00	71.49 -0.14 0.00	61.13 0.00 0.00	62.33 0.00 0.00	59.93 0.00 0.00	57.51 -0.06 0.00	57.44 0.06 0.00	54.29 0.16 0.00	57.60 0.06 0.00	58.54 0.12 1.13	66.39 -0.07 0.81	73.95 0.07 0.00	67.45 0.13 0.00	58.42 0.00 0.65	50.24 -0.10 0.00	44.56 -0.04 0.00	41.50 0.17 0.00
OCC_CHEM___DRP 24175	37.45 -2.65 0.00	37.04 -1.22 0.00	35.67 -1.80 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	37.85 -2.89 0.00	48.68 -5.23 0.00	57.94 -6.15 0.00	64.23 -7.38 0.02	54.26 -6.85 0.02	55.82 -6.48 0.02	53.08 -6.83 0.02	50.69 -6.85 0.02	50.88 -6.48 0.02	47.94 -6.17 0.02	50.56 -6.96 0.02	44.62 -7.21 7.73	55.11 -9.22 2.95	65.31 -8.57 0.00	59.15 -8.14 0.02	48.81 -7.92 2.35	43.97 -6.34 0.02	40.28 -4.33 0.00	38.44 -2.89 0.00
OH_GEN_PROXY 24063	37.77 -2.33 0.00	37.35 -0.92 0.00	36.38 -1.09 0.00	35.99 -1.08 0.00	36.40 -1.52 0.00	38.79 -1.95 0.00	50.46 -3.45 0.00	59.55 -5.06 -0.53	64.92 -6.16 0.55	54.63 -5.26 1.25	47.64 -5.92 8.76	45.33 -6.05 8.55	44.42 -6.04 7.10	45.13 -5.74 6.52	42.92 -5.25 5.96	44.80 -5.81 6.93	47.52 -6.67 5.36	56.48 -7.87 2.92	67.60 -6.28 0.00	61.30 -5.99 0.02	50.00 -6.74 2.33	44.78 -5.54 0.02	41.03 -3.57 0.00	39.02 -2.31 0.00
OLIN_CORP_DRP 24177	38.05 -2.05 0.00	37.62 -0.65 0.00	36.23 -1.24 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	38.42 -2.32 0.00	49.06 -4.85 0.00	58.19 -5.90 0.00	64.52 -7.09 0.02	54.63 -6.48 0.02	56.20 -6.11 0.02	53.44 -6.47 0.02	51.04 -6.50 0.02	51.22 -6.14 0.02	48.26 -5.85 0.02	50.96 -6.56 0.02	44.57 -7.38 7.59	55.64 -8.81 2.82	65.75 -8.13 0.00	59.55 -7.74 0.02	49.31 -7.50 2.25	44.28 -6.04 0.02	40.72 -3.88 0.00	39.27 -2.07 0.00
OLIN_CORP_DSASP 323712	37.45 -2.65 0.00	37.58 -0.69 0.00	36.12 -1.35 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	38.46 -2.28 0.00	49.76 -4.15 0.00	58.19 -5.89 0.00	64.45 -7.16 0.02	55.12 -5.99 0.02	55.51 -6.79 0.02	53.02 -6.89 0.02	50.63 -6.91 0.02	50.82 -6.54 0.02	48.10 -6.01 0.02	50.84 -6.67 0.02	44.50 -7.33 7.73	55.24 -9.08 2.95	66.49 -7.39 0.00	60.29 -7.00 0.02	48.99 -7.74 2.35	43.97 -6.34 0.02	40.46 -4.15 0.00	38.48 -2.85 0.00
ONEIDA_HERK_LFGE 323681	40.98 0.88 0.00	39.11 0.84 0.00	38.21 0.75 0.00	37.85 0.78 0.00	38.72 0.80 0.00	41.72 0.98 0.00	55.20 1.29 0.00	65.75 1.66 0.00	73.57 1.93 0.00	62.78 1.65 0.00	64.34 1.99 -0.02	64.17 1.92 -2.32	61.83 1.67 -2.59	59.13 1.72 -0.02	55.37 1.25 0.00	58.92 1.38 0.00	60.80 1.25 0.00	68.42 1.14 0.00	75.36 1.48 0.00	68.86 1.55 0.00	60.25 1.18 0.00	51.45 1.11 0.00	45.49 0.89 0.00	42.04 0.70 0.00
ONEIDA___115KV_TB4 55905	41.10 1.00 0.00	39.26 0.99 0.00	38.36 0.90 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.88 1.14 0.00	55.36 1.46 0.00	66.01 1.92 0.00	73.92 2.29 0.00	63.09 1.96 0.00	64.46 2.12 -0.01	63.02 2.04 -1.05	60.51 1.78 -1.17	59.29 1.89 -0.01	55.70 1.57 0.00	59.27 1.73 0.00	62.03 1.73 -0.75	68.89 1.61 0.00	75.95 2.07 0.00	69.33 2.02 0.00	60.66 1.59 0.00	51.75 1.41 0.00	45.72 1.12 0.00	42.33 0.99 0.00
ONONDAGA_REF_OCCRA 23987	39.70 -0.40 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.74 -0.33 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.37 -0.54 0.00	63.58 -0.51 0.00	71.35 -0.29 -0.01	60.83 -0.31 -0.01	62.08 -0.25 -0.01	59.70 -0.24 -0.01	57.22 -0.35 -0.01	57.10 -0.29 -0.01	53.92 -0.22 -0.01	57.20 -0.35 -0.01	60.38 -0.42 -1.25	66.81 -0.47 -0.01	73.51 -0.37 0.00	66.98 -0.34 -0.01	58.72 -0.35 -0.01	49.94 -0.40 -0.01	44.25 -0.36 0.00	41.04 -0.29 0.00
ONONDAGA___COGEN 23986	39.74 -0.36 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.42 -0.49 0.00	63.58 -0.51 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.38 -0.19 -1.24	60.94 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.73 -0.22 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.80 -0.47 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.04 -0.29 0.00
ONTARIO___LFGE 23819	39.62 -0.48 0.00	38.27 0.00 0.00	37.39 -0.07 0.00	37.00 -0.07 0.00	37.69 -0.23 0.00	40.46 -0.28 0.00	53.37 -0.54 0.00	63.25 -0.83 0.00	70.82 -0.79 0.03	60.46 -0.86 -0.18	61.72 -1.00 -0.39	59.35 -0.96 -0.38	56.70 -1.21 -0.35	56.64 -1.09 -0.34	53.51 -0.87 -0.25	56.64 -1.15 -0.26	55.83 -1.13 2.59	67.65 -1.21 -1.58	73.07 -0.81 0.00	66.61 -0.67 0.03	59.33 -1.00 -1.27	49.46 -0.86 0.03	44.02 -0.58 0.00	41.13 -0.21 0.00
ORANGEVILLE_WT_PWR 323706	38.29 -1.80 0.00	37.58 -0.69 0.00	36.68 -0.79 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	39.11 -1.63 0.00	51.05 -2.86 0.00	59.54 -4.55 0.00	66.09 -5.51 0.03	56.09 -5.01 0.03	57.19 -5.11 0.03	54.57 -5.33 0.03	52.18 -5.35 0.03	52.19 -5.16 0.03	49.06 -5.03 0.03	52.21 -5.29 0.03	38.83 -5.60 15.12	54.23 -6.25 6.79	68.19 -5.69 0.00	62.30 -4.98 0.03	48.68 -4.96 5.43	46.23 -4.08 0.03	41.84 -2.77 0.00	39.81 -1.53 0.00
ORANGEVILLE___ESR 323794	38.29 -1.80 0.00	37.58 -0.69 0.00	36.68 -0.79 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	39.11 -1.63 0.00	51.05 -2.86 0.00	59.54 -4.55 0.00	66.09 -5.51 0.03	56.09 -5.01 0.03	57.19 -5.11 0.03	54.57 -5.33 0.03	52.18 -5.35 0.03	52.19 -5.16 0.03	49.06 -5.03 0.03	52.21 -5.29 0.03	38.83 -5.60 15.12	54.23 -6.25 6.79	68.19 -5.69 0.00	62.30 -4.98 0.03	48.68 -4.96 5.43	46.23 -4.08 0.03	41.84 -2.77 0.00	39.81 -1.53 0.00
OSWEGATCHIE___HYD 24044	41.18 1.08 0.00	39.34 1.07 0.00	38.44 0.97 0.00	38.03 0.96 0.00	38.94 1.02 0.00	42.01 1.26 0.00	55.47 1.56 0.00	65.95 1.86 0.00	73.64 2.00 0.00	63.17 1.83 -0.20	65.02 2.18 -0.51	73.39 2.10 -11.36	72.00 1.84 -12.60	59.57 1.72 -0.46	55.48 1.08 -0.27	58.96 1.15 -0.27	60.44 0.89 0.00	67.68 0.41 0.00	74.47 0.59 0.00	68.18 0.87 0.00	59.66 0.59 0.00	51.40 1.06 0.00	45.63 1.03 0.00	42.12 0.78 0.00
OSWEGO___5 23606	39.14 -0.96 0.00	37.43 -0.84 0.00	36.61 -0.86 0.00	36.22 -0.85 0.00	37.01 -0.91 0.00	39.76 -0.98 0.00	52.61 -1.29 0.00	62.55 -1.54 0.00	69.99 -1.64 0.00	64.01 -1.47 -4.34	69.50 -1.50 -8.67	66.84 -1.44 -8.34	63.86 -1.44 -7.73	63.62 -1.43 -7.67	58.56 -1.30 -5.73	61.94 -1.44 -5.84	58.00 -1.55 0.00	65.59 -1.68 0.00	72.18 -1.70 0.00	65.77 -1.55 0.00	57.59 -1.47 0.00	49.08 -1.26 0.00	43.49 -1.11 0.00	40.39 -0.95 0.00
OSWEGO___6 23613	39.14 -0.96 0.00	37.43 -0.84 0.00	36.61 -0.86 0.00	36.22 -0.85 0.00	37.01 -0.91 0.00	39.76 -0.98 0.00	52.61 -1.29 0.00	62.55 -1.54 0.00	69.99 -1.64 0.00	64.01 -1.47 -4.34	69.50 -1.50 -8.67	66.84 -1.44 -8.34	63.86 -1.44 -7.73	63.62 -1.43 -7.67	58.56 -1.30 -5.73	61.94 -1.44 -5.84	58.00 -1.55 0.00	65.59 -1.68 0.00	72.18 -1.70 0.00	65.77 -1.55 0.00	57.59 -1.47 0.00	49.08 -1.26 0.00	43.49 -1.11 0.00	40.39 -0.95 0.00

OUTOKUMPU-AB___DRP 24206	38.29 -1.80 0.00	37.81 -0.46 0.00	36.42 -1.05 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	38.62 -2.12 0.00	49.81 -4.10 0.00	59.28 -4.81 0.00	65.74 -5.87 0.02	55.85 -5.26 0.02	57.38 -4.92 0.02	54.70 -5.21 0.02	52.25 -5.30 0.02	52.43 -4.94 0.02	49.45 -4.66 0.02	52.22 -5.29 0.02	46.03 -5.78 7.74	57.13 -7.27 2.87	67.23 -6.65 0.00	60.96 -6.33 0.02	50.50 -6.26 2.30	45.23 -5.08 0.02	41.30 -3.30 0.00	39.47 -1.86 0.00
OXBOW___BTM 323836	37.93 -2.17 0.00	37.81 -0.46 0.00	36.53 -0.94 0.00	36.15 -0.93 0.00	36.48 -1.44 0.00	38.91 -1.83 0.00	50.41 -3.50 0.00	58.96 -5.13 0.00	65.31 -6.30 0.02	55.85 -5.26 0.02	56.44 -5.86 0.02	53.92 -5.99 0.02	51.50 -6.04 0.02	51.68 -5.68 0.02	48.86 -5.25 0.02	51.71 -5.81 0.02	45.33 -6.49 7.73	56.37 -8.01 2.90	67.45 -6.43 0.00	61.17 -6.12 0.02	49.89 -6.85 2.33	44.68 -5.64 0.02	41.03 -3.57 0.00	39.06 -2.27 0.00
OXBOW___ 24026	37.93 -2.17 0.00	37.47 -0.80 0.00	36.12 -1.35 0.00	36.14 -0.93 0.00	36.48 -1.44 0.00	38.30 -2.44 0.00	49.33 -4.58 0.00	58.70 -5.38 0.00	65.09 -6.52 0.02	55.18 -5.93 0.02	56.76 -5.55 0.02	53.98 -5.93 0.02	51.61 -5.93 0.02	51.74 -5.62 0.02	48.80 -5.30 0.02	51.53 -5.98 0.02	45.39 -6.43 7.73	56.23 -8.14 2.90	66.42 -7.46 0.00	60.16 -7.14 0.02	49.71 -7.03 2.33	44.68 -5.64 0.02	40.86 -3.75 0.00	39.02 -2.31 0.00
OXY_CHEM_DSASP 323612	37.45 -2.65 0.00	37.04 -1.22 0.00	35.67 -1.80 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	37.85 -2.89 0.00	48.68 -5.23 0.00	57.94 -6.15 0.00	64.23 -7.38 0.02	54.26 -6.85 0.02	55.82 -6.48 0.02	53.08 -6.83 0.02	50.69 -6.85 0.02	50.88 -6.48 0.02	47.94 -6.17 0.02	50.56 -6.96 0.02	44.62 -7.21 7.73	55.11 -9.22 2.95	65.31 -8.57 0.00	59.15 -8.14 0.02	48.81 -7.92 2.35	43.97 -6.34 0.02	40.28 -4.33 0.00	38.44 -2.89 0.00
OZONE_PARK_ESR 323760	42.86 2.77 0.00	40.53 2.26 0.00	39.56 2.10 0.00	39.07 2.00 0.00	39.93 2.01 0.00	43.15 2.40 0.00	57.09 3.18 0.00	67.81 3.72 0.00	76.15 4.51 0.00	65.29 4.16 0.00	66.69 4.36 0.00	64.43 4.49 0.00	62.29 4.72 0.00	62.26 4.88 0.00	59.00 4.87 0.00	62.26 4.72 0.00	64.55 5.00 0.00	72.86 5.58 0.00	79.94 6.06 0.00	72.43 5.12 0.00	63.74 4.67 0.00	54.57 4.23 0.00	48.35 3.75 0.00	44.60 3.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.45 -2.65 0.00	37.04 -1.22 0.00	35.67 -1.80 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	37.85 -2.89 0.00	48.68 -5.23 0.00	57.94 -6.15 0.00	64.23 -7.38 0.02	54.26 -6.85 0.02	55.82 -6.48 0.02	53.08 -6.83 0.02	50.69 -6.85 0.02	50.88 -6.48 0.02	47.94 -6.17 0.02	50.56 -6.96 0.02	44.62 -7.21 7.73	55.11 -9.22 2.95	65.31 -8.57 0.00	59.15 -8.14 0.02	48.81 -7.92 2.35	43.97 -6.34 0.02	40.28 -4.33 0.00	38.44 -2.89 0.00
PACKARD___115KV_DUPONT_184 80571	37.45 -2.65 0.00	37.58 -0.69 0.00	36.12 -1.35 0.00	35.74 -1.33 0.00	36.10 -1.82 0.00	38.46 -2.28 0.00	49.76 -4.15 0.00	58.19 -5.89 0.00	64.45 -7.16 0.02	55.12 -5.99 0.02	55.51 -6.79 0.02	53.02 -6.89 0.02	50.63 -6.91 0.02	50.82 -6.54 0.02	48.10 -6.01 0.02	50.84 -6.67 0.02	44.50 -7.33 7.73	55.24 -9.08 2.95	66.49 -7.39 0.00	60.29 -7.00 0.02	48.99 -7.74 2.35	43.97 -6.34 0.02	40.46 -4.15 0.00	38.48 -2.85 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.91 2.81 0.00	40.60 2.33 0.00	39.56 2.10 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.15 2.40 0.00	56.71 2.80 0.00	66.65 2.56 0.00	74.71 3.08 0.00	64.07 2.93 0.00	65.38 3.05 0.00	63.17 3.24 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.92 3.79 0.00	61.11 3.57 0.00	63.30 3.75 0.00	71.51 4.24 0.00	78.39 4.51 0.00	71.01 3.70 0.00	62.55 3.49 0.00	53.86 3.52 0.00	48.27 3.66 -0.01	44.56 3.22 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.35 3.25 0.00	41.06 2.79 0.00	40.01 2.55 0.00	39.52 2.45 0.00	40.34 2.43 0.00	43.59 2.85 0.00	57.36 3.45 0.00	67.42 3.33 0.00	75.50 3.87 0.00	64.68 3.55 0.00	66.07 3.74 0.00	63.77 3.84 0.00	61.71 4.14 0.00	61.75 4.36 0.00	58.51 4.38 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.20 4.13 0.00	54.47 4.13 0.00	48.80 4.19 -0.01	45.06 3.72 -0.01
PATROON___115KV_TB1 80586	40.62 0.52 0.00	38.77 0.50 0.00	37.99 0.52 0.00	37.59 0.52 0.00	38.45 0.53 0.00	41.31 0.57 0.00	54.34 0.43 0.00	64.54 0.45 0.00	72.13 0.50 0.00	61.74 0.61 0.00	62.83 0.50 0.00	60.29 0.36 0.00	57.97 0.40 0.00	57.84 0.46 0.00	54.78 0.65 0.00	58.46 0.92 0.00	60.44 0.89 0.00	68.55 1.28 0.00	75.14 1.26 0.00	68.32 1.01 0.00	60.13 1.06 0.00	51.14 0.81 0.00	45.14 0.54 0.00	41.79 0.45 0.00
PATTRSNVILLE___SOLAR 323815	41.42 1.32 0.00	39.46 1.19 0.00	38.59 1.12 0.00	38.22 1.15 0.00	39.09 1.18 0.00	42.09 1.34 0.00	55.52 1.62 0.00	66.20 2.11 0.00	73.78 2.15 0.00	62.60 1.46 0.00	63.64 1.31 0.00	61.25 1.32 0.00	58.94 1.38 0.00	58.87 1.49 0.00	55.59 1.46 0.00	59.32 1.79 0.00	61.58 2.03 0.00	69.83 2.56 0.00	76.54 2.66 0.00	69.67 2.35 0.00	61.31 2.24 0.00	52.20 1.86 0.00	46.07 1.47 0.00	42.66 1.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.01 -2.09 0.00	37.43 -0.84 0.00	36.12 -1.35 0.00	36.11 -0.96 0.00	36.44 -1.48 0.00	38.42 -2.32 0.00	49.97 -3.94 0.00	59.15 -4.93 0.00	65.59 -6.02 0.02	57.07 -4.03 0.02	58.19 -4.11 0.02	56.01 -3.90 0.02	53.80 -3.74 0.02	53.92 -3.44 0.02	51.07 -3.03 0.02	54.52 -2.99 0.02	47.54 -3.45 8.55	59.18 -4.91 3.18	68.27 -5.61 0.00	62.51 -4.78 0.02	51.92 -4.61 2.54	46.14 -4.18 0.02	41.12 -3.48 0.00	39.39 -1.94 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.42 2.33 0.00	40.18 1.91 0.00	39.34 1.87 0.00	38.81 1.74 0.00	39.62 1.71 0.00	42.78 2.04 0.00	56.44 2.53 0.00	67.23 3.14 0.00	75.43 3.80 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.77 3.84 0.00	61.54 3.97 0.00	61.57 4.19 0.00	58.30 4.17 0.00	61.57 4.03 0.00	63.78 4.23 0.00	72.05 4.78 0.00	78.98 5.10 0.00	71.82 4.51 0.00	63.15 4.08 0.00	53.96 3.62 0.00	47.81 3.21 0.00	44.06 2.73 0.00
PEEKSKILL___ 23653	42.14 2.04 0.00	39.84 1.57 0.00	38.93 1.46 0.00	38.56 1.48 0.00	39.36 1.44 0.00	42.41 1.67 0.00	56.12 2.21 0.00	66.84 2.75 0.00	75.07 3.44 0.00	64.25 3.12 0.00	65.69 3.36 0.00	63.47 3.54 0.00	61.25 3.69 0.00	61.23 3.85 0.00	57.92 3.79 0.00	61.28 3.74 0.00	63.54 3.99 0.00	71.71 4.44 0.00	78.54 4.66 0.00	71.35 4.04 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.50 2.90 0.00	43.77 2.44 0.00
PGE MADISON___WINDPWR 24146	42.30 2.21 0.00	40.53 2.26 0.00	39.56 2.10 0.00	39.30 2.22 0.00	40.08 2.16 0.00	43.19 2.44 0.00	57.14 3.23 0.00	68.19 4.10 0.00	76.68 5.01 -0.03	65.32 4.16 -0.03	66.60 4.24 -0.03	64.22 4.26 -0.03	61.16 3.57 -0.03	61.14 3.73 -0.03	57.24 3.09 -0.03	61.14 3.57 -0.03	70.56 3.81 -7.20	71.08 3.77 -0.04	78.68 4.80 0.00	72.05 4.71 -0.03	62.94 3.84 -0.03	53.44 3.07 -0.03	47.14 2.54 0.00	43.65 2.31 0.00

PIERCEFIELD___HYD 23852	41.30 1.20 0.00	39.49 1.22 0.00	38.66 1.20 0.00	38.18 1.11 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.80 1.89 0.00	66.27 2.18 0.00	73.92 2.29 0.00	63.33 2.20 0.00	64.85 2.37 -0.15	78.28 2.46 -15.89	77.53 2.25 -17.72	59.49 1.95 -0.15	55.48 1.35 0.00	59.09 1.55 0.00	60.74 1.19 0.00	67.81 0.54 0.00	74.40 0.52 0.00	68.19 0.88 0.00	59.72 0.65 0.00	51.45 1.11 0.00	45.81 1.20 0.00	42.24 0.91 0.00
PINELAWN_CC_1 323563	42.18 2.08 0.00	39.58 1.38 0.06	38.63 1.20 0.03	38.29 1.22 0.00	39.13 1.21 0.00	42.21 1.46 0.00	52.75 1.46 2.62	54.34 1.35 11.09	55.22 1.79 18.20	54.37 1.46 8.22	63.82 2.05 0.56	56.82 2.70 5.81	51.26 2.53 8.84	57.67 2.75 2.46	56.05 2.71 0.78	58.77 2.70 1.48	60.16 2.80 2.19	69.74 2.96 0.49	76.76 3.33 0.45	69.59 3.16 0.89	61.42 2.66 0.31	52.06 2.16 0.44	47.55 2.94 0.00	44.23 2.89 0.00
PJM_GEN_HTTP_PROXY 323702	42.54 2.45 0.00	40.22 1.95 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.60 2.69 0.00	67.89 3.27 -0.53	75.26 4.15 0.53	66.44 3.73 -1.57	64.80 4.05 1.57	64.19 4.26 0.00	62.00 4.43 0.00	61.98 4.59 0.00	58.62 4.49 0.00	59.70 4.43 2.27	66.52 4.70 -2.27	72.38 5.11 0.00	79.27 5.39 0.00	71.95 4.64 0.00	63.44 4.37 0.00	54.12 3.78 0.00	47.99 3.39 0.00	44.18 2.85 0.00
PJM_GEN_KEystone 24065	39.82 -0.28 0.00	38.31 0.04 0.00	37.39 -0.07 0.00	37.07 0.00 0.00	37.65 -0.26 0.00	40.46 -0.28 0.00	53.32 -0.59 0.00	63.53 -1.09 -0.53	69.80 -1.29 0.55	61.47 -1.22 -1.56	59.74 -1.00 1.59	59.02 -0.90 0.01	56.80 -0.75 0.01	56.80 -0.57 0.01	53.52 -0.59 0.01	54.57 -0.69 2.28	56.93 -0.54 2.08	64.99 -0.80 1.48	73.14 -0.74 0.00	66.49 -0.80 0.01	57.06 -0.83 1.18	49.52 -0.81 0.01	44.20 -0.40 0.00	41.33 0.00 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.86 1.76 0.01	39.34 1.07 0.00	38.36 0.90 0.00	38.00 0.93 0.00	38.87 0.95 0.00	41.88 1.14 0.00	52.05 1.13 2.99	52.40 1.48 13.16	50.80 2.08 22.91	54.35 1.96 8.74	63.36 2.62 1.58	54.88 2.94 7.99	49.60 2.82 10.79	57.32 3.04 3.10	56.51 2.92 0.54	57.07 2.88 3.35	62.35 3.04 0.23	70.70 3.43 0.01	77.64 3.77 0.01	70.87 3.57 0.01	61.89 2.84 0.02	52.11 2.37 0.60	47.18 2.59 0.01	43.85 2.52 0.01
PJM_GEN_VFT_PROXY 323633	42.38 2.28 0.00	40.07 1.80 0.00	39.04 1.57 0.00	38.66 1.59 0.00	39.51 1.59 0.00	42.58 1.84 0.00	53.08 2.53 3.36	67.70 3.08 -0.53	60.58 3.87 14.92	49.54 3.54 15.13	50.05 3.80 16.08	49.66 4.13 14.40	49.62 4.32 12.26	50.01 4.48 11.85	48.69 4.38 9.82	47.75 4.32 14.11	50.58 4.59 13.56	59.66 4.91 12.52	72.06 5.09 6.91	67.54 4.37 4.14	56.30 4.19 6.96	48.31 3.67 5.70	46.96 3.25 0.90	43.93 2.69 0.09
PLATSBURG_115KV_PMLD1 355749	41.06 0.96 0.00	39.23 0.96 0.00	38.40 0.94 0.00	37.92 0.85 0.00	38.90 0.99 0.00	41.48 0.73 0.00	54.93 1.02 0.00	65.24 1.15 0.00	72.92 1.29 0.00	62.17 1.04 0.00	63.32 1.00 0.00	61.01 1.08 0.00	58.54 0.98 0.00	57.96 0.57 0.00	54.24 0.11 0.00	57.71 0.17 0.00	59.67 0.12 0.00	67.21 -0.07 0.00	73.44 -0.44 0.00	67.04 -0.27 0.00	58.89 -0.18 0.00	50.54 0.20 0.00	44.83 0.22 0.00	41.33 0.00 0.00
PLEASANTVLY___LBMP 24000	41.86 1.76 0.00	39.65 1.38 0.00	38.81 1.35 0.00	38.33 1.26 0.00	39.17 1.25 0.00	42.29 1.55 0.00	55.80 1.89 0.00	66.33 2.24 0.00	74.35 2.72 0.00	63.70 2.57 0.00	65.01 2.68 0.00	62.63 2.70 0.00	60.44 2.88 0.00	60.43 3.04 0.00	57.27 3.14 0.00	60.59 3.05 0.00	62.77 3.22 0.00	70.91 3.63 0.00	77.87 3.99 0.00	70.61 3.30 0.00	62.14 3.07 0.00	53.11 2.77 0.00	47.06 2.45 0.00	43.44 2.11 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.26 2.17 0.00	39.99 1.72 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.47 1.55 0.00	42.66 1.91 0.00	56.28 2.37 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.37 3.24 0.00	65.76 3.43 0.00	63.41 3.48 0.00	61.25 3.68 0.00	61.23 3.84 0.00	57.97 3.84 0.00	61.28 3.74 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.42 4.11 0.00	62.85 3.78 0.00	53.71 3.37 0.00	47.59 2.99 0.00	43.94 2.60 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	42.26 2.17 0.00	39.99 1.72 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.47 1.55 0.00	42.66 1.91 0.00	56.28 2.37 0.00	66.91 2.82 0.00	75.07 3.44 0.00	64.37 3.24 0.00	65.76 3.43 0.00	63.41 3.48 0.00	61.25 3.68 0.00	61.23 3.84 0.00	57.97 3.84 0.00	61.28 3.74 0.00	63.54 3.99 0.00	71.78 4.51 0.00	78.76 4.88 0.00	71.42 4.11 0.00	62.85 3.78 0.00	53.71 3.37 0.00	47.59 2.99 0.00	43.94 2.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.02 1.92 0.00	39.84 1.57 0.00	39.00 1.54 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.50 1.75 0.00	56.06 2.16 0.00	66.72 2.63 0.00	74.71 3.08 0.00	63.95 2.81 0.00	65.19 2.87 0.00	62.81 2.88 0.00	60.56 2.99 0.00	60.54 3.16 0.00	57.32 3.19 0.00	60.70 3.16 0.00	62.88 3.33 0.00	71.11 3.83 0.00	78.09 4.21 0.00	70.88 3.57 0.00	62.32 3.25 0.00	53.26 2.92 0.00	47.14 2.54 0.00	43.53 2.19 0.00
POLETTI_____ 23519	42.95 2.85 0.00	40.64 2.37 0.00	39.60 2.14 0.00	39.11 2.04 0.00	39.93 2.01 0.00	43.19 2.44 0.00	56.82 2.91 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.57 3.24 0.00	63.29 3.36 0.00	61.25 3.68 0.00	61.29 3.90 0.00	58.08 3.95 0.00	61.22 3.68 0.00	63.42 3.87 0.00	71.65 4.37 0.00	78.61 4.73 0.00	71.22 3.90 0.00	62.67 3.60 0.00	54.01 3.67 0.00	48.36 3.75 -0.01	44.61 3.27 -0.01
POMONA___ESR 323819	42.18 2.08 0.00	39.91 1.64 0.00	38.97 1.50 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.49 1.75 0.00	56.22 2.32 0.00	66.98 2.89 0.00	75.21 3.58 0.00	64.31 3.18 0.00	65.75 3.43 0.00	63.53 3.60 0.00	61.30 3.74 0.00	61.29 3.90 0.00	57.97 3.84 0.00	61.34 3.80 0.00	63.60 4.05 0.00	71.78 4.51 0.00	78.61 4.73 0.00	71.42 4.11 0.00	62.91 3.84 0.00	53.61 3.27 0.00	47.55 2.94 0.00	43.77 2.44 0.00
PORT_JEFF_3 23555	41.70 1.61 0.00	37.61 0.80 1.46	37.38 0.64 0.72	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.36 0.54 8.08	48.10 0.83 16.82	44.02 1.36 28.97	52.71 1.22 9.64	51.36 1.87 12.84	50.37 2.28 11.84	44.27 2.13 15.43	50.37 2.35 9.37	47.93 2.33 8.52	44.54 2.01 15.01	54.76 2.08 6.88	58.46 2.42 11.24	66.34 2.66 10.20	49.53 2.56 20.34	54.21 1.89 6.75	51.36 1.76 0.74	46.87 2.27 0.00	43.64 2.31 0.00
PORT_JEFF_4 23616	41.70 1.61 0.00	37.61 0.80 1.46	37.38 0.64 0.72	37.81 0.74 0.00	38.68 0.76 0.00	41.68 0.94 0.00	46.36 0.54 8.08	48.10 0.83 16.82	44.02 1.36 28.97	52.71 1.22 9.64	51.36 1.87 12.84	50.37 2.28 11.84	44.27 2.13 15.43	50.37 2.35 9.37	47.93 2.33 8.52	44.54 2.01 15.01	54.76 2.08 6.88	58.46 2.42 11.24	66.34 2.66 10.20	49.53 2.56 20.34	54.21 1.89 6.75	51.36 1.76 0.74	46.87 2.27 0.00	43.64 2.31 0.00

PORT_JEFF_IC 23713	41.74 1.64 0.00	37.57 0.84 1.54	37.46 0.75 0.76	37.85 0.78 0.00	38.71 0.80 0.00	42.21 1.47 0.00	46.20 0.65 8.35	47.97 0.83 16.95	43.65 1.29 29.28	52.96 1.41 9.58	50.55 1.75 13.53	49.95 2.04 12.02	43.93 2.01 15.65	49.87 2.18 9.69	47.45 2.27 8.95	43.74 1.96 15.76	54.53 2.08 7.10	57.92 2.49 11.84	66.09 2.96 10.75	48.03 2.15 21.44	53.79 1.83 7.11	51.51 1.91 0.75	46.92 2.32 0.00	43.77 2.44 0.00
PPL PILGRIM_ST_GT1 24216	42.38 2.28 0.00	39.74 1.61 0.13	38.78 1.39 0.07	38.44 1.37 0.00	39.32 1.40 0.00	42.41 1.67 0.00	52.46 1.72 3.18	53.66 2.24 12.67	53.65 2.87 20.85	53.57 1.71 9.27	64.45 3.30 1.18	56.35 3.60 7.17	50.77 3.40 10.19	57.84 3.68 3.22	56.42 3.52 1.22	58.85 3.57 2.26	60.58 3.69 2.67	70.48 4.24 1.04	77.67 4.73 0.94	69.88 4.44 1.87	61.92 3.48 0.63	52.23 2.42 0.53	47.72 3.12 0.00	44.43 3.10 0.00
PPL PILGRIM_ST_GT2 24217	42.38 2.28 0.00	39.74 1.61 0.13	38.78 1.39 0.07	38.44 1.37 0.00	39.32 1.40 0.00	42.41 1.67 0.00	52.46 1.72 3.18	53.66 2.24 12.67	53.65 2.87 20.85	53.57 1.71 9.27	64.45 3.30 1.18	56.35 3.60 7.17	50.77 3.40 10.19	57.84 3.68 3.22	56.42 3.52 1.22	58.85 3.57 2.26	60.58 3.69 2.67	70.48 4.24 1.04	77.67 4.73 0.94	69.88 4.44 1.87	61.92 3.48 0.63	52.23 2.42 0.53	47.72 3.12 0.00	44.43 3.10 0.00
PPL_SHRM_GT3 24213	41.26 1.16 0.00	37.05 0.23 1.45	36.82 0.08 0.72	37.37 0.30 0.00	38.26 0.34 0.00	41.23 0.49 0.00	45.92 0.05 8.04	47.47 0.13 16.75	43.28 0.50 28.86	52.37 0.86 9.61	50.57 0.99 12.75	49.54 1.38 11.77	43.47 1.26 15.36	49.62 1.55 9.31	47.23 1.57 8.47	44.41 1.79 14.92	54.67 1.96 6.84	58.40 2.29 11.16	66.26 2.51 10.13	49.19 2.09 20.21	54.14 1.77 6.70	50.91 1.31 0.74	46.20 1.60 0.00	43.03 1.70 0.00
PPL_SHRM_GT4 24214	41.26 1.16 0.00	37.05 0.23 1.45	36.82 0.08 0.72	37.37 0.30 0.00	38.26 0.34 0.00	41.23 0.49 0.00	45.92 0.05 8.04	47.47 0.13 16.75	43.28 0.50 28.86	52.37 0.86 9.61	50.57 0.99 12.75	49.54 1.38 11.77	43.47 1.26 15.36	49.62 1.55 9.31	47.23 1.57 8.47	44.41 1.79 14.92	54.67 1.96 6.84	58.40 2.29 11.16	66.26 2.51 10.13	49.19 2.09 20.21	54.14 1.77 6.70	50.91 1.31 0.74	46.20 1.60 0.00	43.03 1.70 0.00
PROJECT___ORANGE 1 24174	39.54 -0.56 0.00	37.81 -0.46 0.00	36.98 -0.49 0.00	36.63 -0.44 0.00	37.42 -0.49 0.00	40.17 -0.57 0.00	53.15 -0.75 0.00	63.32 -0.77 0.00	70.99 -0.64 0.00	60.52 -0.61 0.00	61.83 -0.50 0.00	59.45 -0.48 0.00	56.99 -0.58 0.00	56.87 -0.52 0.00	53.70 -0.43 0.00	56.96 -0.58 0.00	58.89 -0.66 0.00	66.47 -0.81 0.00	73.14 -0.74 0.00	66.64 -0.67 0.00	58.42 -0.65 0.00	49.68 -0.65 0.00	44.02 -0.58 0.00	40.88 -0.45 0.00
PROJECT___ORANGE 2 24166	39.54 -0.56 0.00	37.81 -0.46 0.00	36.98 -0.49 0.00	36.63 -0.44 0.00	37.42 -0.49 0.00	40.17 -0.57 0.00	53.15 -0.75 0.00	63.32 -0.77 0.00	70.99 -0.64 0.00	60.52 -0.61 0.00	61.83 -0.50 0.00	59.45 -0.48 0.00	56.99 -0.58 0.00	56.87 -0.52 0.00	53.70 -0.43 0.00	56.96 -0.58 0.00	58.89 -0.66 0.00	66.47 -0.81 0.00	73.14 -0.74 0.00	66.64 -0.67 0.00	58.42 -0.65 0.00	49.68 -0.65 0.00	44.02 -0.58 0.00	40.88 -0.45 0.00
PUCKETT___SOLAR 323809	40.66 0.56 0.00	38.92 0.65 0.00	38.10 0.64 0.00	37.74 0.67 0.00	38.49 0.57 0.00	41.39 0.65 0.00	54.77 0.86 0.00	65.11 1.02 0.00	72.92 1.29 0.00	62.11 0.98 0.00	63.45 1.12 0.00	61.01 1.08 0.00	58.48 0.92 0.00	58.42 1.03 0.00	54.99 0.86 0.00	58.52 0.98 0.00	60.79 1.13 -0.11	67.96 1.28 0.59	75.36 1.48 0.00	68.73 1.42 0.00	59.78 1.18 0.47	51.14 0.80 0.00	45.31 0.71 0.00	42.08 0.74 0.00
PYRITES___HYD 24023	41.78 1.68 0.00	39.99 1.72 0.00	39.11 1.65 0.00	38.67 1.59 0.00	39.62 1.71 0.00	42.70 1.96 0.00	56.66 2.75 0.00	67.29 3.20 0.00	74.93 3.30 0.00	63.95 2.81 0.00	65.36 2.87 -0.16	80.20 2.88 -17.39	79.60 2.65 -19.39	59.90 2.35 -0.16	55.86 1.73 0.00	59.55 2.01 0.00	61.51 1.97 0.00	68.96 1.68 0.00	75.73 1.85 0.00	69.47 2.15 0.00	60.78 1.71 0.00	52.25 1.91 0.00	46.43 1.83 0.00	42.74 1.41 0.00
QUAKERRD_115KV_BK1 80622	38.37 -1.72 0.00	37.08 -1.19 0.00	36.08 -1.39 0.00	35.85 -1.22 0.00	36.55 -1.37 0.00	38.87 -1.87 0.00	51.27 -2.64 0.00	61.14 -2.95 0.00	68.40 -3.22 0.01	58.19 -2.93 0.01	59.57 -2.74 0.01	57.10 -2.82 0.01	54.62 -2.94 0.01	54.50 -2.87 0.01	51.36 -2.76 0.01	54.42 -3.11 0.01	54.74 -3.39 1.42	63.69 -3.97 -0.39	70.26 -3.62 0.00	63.73 -3.57 0.01	55.95 -3.43 -0.31	47.41 -2.92 0.01	42.42 -2.19 0.00	39.64 -1.69 0.00
QUENSBRY_115KV_TB8 356137	41.50 1.40 0.00	39.57 1.30 0.00	38.70 1.24 0.00	38.26 1.19 0.00	39.21 1.29 0.00	42.25 1.51 0.00	55.58 1.67 0.00	66.20 2.11 0.00	73.49 1.86 0.00	62.66 1.53 0.00	64.07 1.75 0.00	61.43 1.50 0.00	58.89 1.32 0.00	58.88 1.49 0.00	55.54 1.41 0.00	59.38 1.84 0.00	61.40 1.85 0.00	69.76 2.49 0.00	76.32 2.44 0.00	69.40 2.09 0.00	61.31 2.24 0.00	52.05 1.71 0.00	46.12 1.52 0.00	42.62 1.28 0.00
RAMAPO___LBMP 323565	42.06 1.96 0.00	39.80 1.53 0.00	38.96 1.50 0.00	38.48 1.41 0.00	39.32 1.40 0.00	42.50 1.75 0.00	56.12 2.21 0.00	66.72 2.63 0.00	74.78 3.15 0.00	64.07 2.93 0.00	65.38 3.05 0.00	63.05 3.12 0.00	60.85 3.28 0.00	60.83 3.44 0.00	57.65 3.52 0.00	60.93 3.39 0.00	63.18 3.63 0.00	71.38 4.10 0.00	78.39 4.51 0.00	71.08 3.77 0.00	62.55 3.49 0.00	53.46 3.12 0.00	47.37 2.77 0.00	43.73 2.40 0.00
RANKINE___ 23646	38.29 -1.80 0.00	37.77 -0.50 0.00	36.42 -1.05 0.00	36.44 -0.63 0.00	36.74 -1.18 0.00	38.67 -2.08 0.00	50.19 -3.72 0.00	59.54 -4.55 0.00	66.02 -5.59 0.02	56.52 -4.58 0.02	57.88 -4.43 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.20 -4.32 0.02	45.99 -4.88 8.67	57.85 -6.12 3.30	67.97 -5.91 0.00	61.90 -5.38 0.02	51.17 -5.26 2.64	45.88 -4.43 0.02	41.48 -3.12 0.00	39.64 -1.69 0.00
RAVENSWOOD_GT2_1 24244	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.07 3.74 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.41 4.28 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT2_2 24245	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.07 3.74 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.41 4.28 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00

RAVENSWOOD_GT2_3 24246	42.58 2.49 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.66 2.75 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.74 4.20 0.00	63.96 4.41 0.00	72.25 4.98 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.20 4.13 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT2_4 24247	42.58 2.49 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.66 2.75 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.74 4.20 0.00	63.96 4.41 0.00	72.25 4.98 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.20 4.13 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT3_1 24248	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.07 3.74 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT3_2 24249	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.07 3.74 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT3_3 24250	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.74 1.82 0.00	42.94 2.20 0.00	56.71 2.80 0.00	67.36 3.27 0.00	75.64 4.01 0.00	64.80 3.67 0.00	66.19 3.86 0.00	63.95 4.02 0.00	61.82 4.26 0.00	61.80 4.42 0.00	58.51 4.38 0.00	61.80 4.26 0.00	64.08 4.53 0.00	72.32 5.05 0.00	79.35 5.47 0.00	71.82 4.51 0.00	63.26 4.19 0.00	54.16 3.83 0.00	48.04 3.43 0.00	44.31 2.98 0.00
RAVENSWOOD_GT3_4 24251	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.74 1.82 0.00	42.94 2.20 0.00	56.71 2.80 0.00	67.36 3.27 0.00	75.64 4.01 0.00	64.80 3.67 0.00	66.19 3.86 0.00	63.95 4.02 0.00	61.82 4.26 0.00	61.80 4.42 0.00	58.51 4.38 0.00	61.80 4.26 0.00	64.08 4.53 0.00	72.32 5.05 0.00	79.35 5.47 0.00	71.82 4.51 0.00	63.26 4.19 0.00	54.16 3.83 0.00	48.04 3.43 0.00	44.31 2.98 0.00
RAVENSWOOD_GT_1 23729	42.78 2.69 0.00	40.45 2.18 0.00	39.45 1.99 0.00	38.96 1.89 0.00	39.78 1.86 0.00	42.98 2.24 0.00	56.66 2.75 0.00	66.97 2.88 0.00	75.14 3.51 0.00	64.43 3.30 0.00	65.82 3.49 0.00	63.53 3.60 0.00	61.48 3.91 0.00	61.52 4.13 0.00	58.30 4.17 0.00	61.45 3.91 0.00	63.66 4.11 0.00	71.92 4.64 0.00	78.90 5.02 0.00	71.42 4.11 0.00	62.91 3.84 0.00	54.06 3.73 0.00	48.13 3.52 0.00	44.39 3.06 0.00
RAVENSWOOD_GT_10 24258	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.74 4.20 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT_11 24259	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.74 4.20 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT_4 24252	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.10 3.01 0.00	75.36 3.72 0.00	64.62 3.48 0.00	66.00 3.68 0.00	63.71 3.78 0.00	61.59 4.03 0.00	61.57 4.19 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.84 4.29 0.00	72.05 4.78 0.00	79.05 5.17 0.00	71.62 4.31 0.00	63.03 3.96 0.00	54.06 3.73 0.00	47.99 3.39 0.00	44.31 2.98 0.00
RAVENSWOOD_GT_5 24254	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.10 3.01 0.00	75.36 3.72 0.00	64.62 3.48 0.00	66.00 3.68 0.00	63.71 3.78 0.00	61.59 4.03 0.00	61.57 4.19 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.84 4.29 0.00	72.05 4.78 0.00	79.05 5.17 0.00	71.62 4.31 0.00	63.03 3.96 0.00	54.06 3.73 0.00	47.99 3.39 0.00	44.31 2.98 0.00
RAVENSWOOD_GT_6 24253	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.10 3.01 0.00	75.36 3.72 0.00	64.62 3.48 0.00	66.00 3.68 0.00	63.71 3.78 0.00	61.59 4.03 0.00	61.57 4.19 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.84 4.29 0.00	72.05 4.78 0.00	79.05 5.17 0.00	71.62 4.31 0.00	63.03 3.96 0.00	54.06 3.73 0.00	47.99 3.39 0.00	44.31 2.98 0.00
RAVENSWOOD_GT_7 24255	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.10 3.01 0.00	75.36 3.72 0.00	64.62 3.48 0.00	66.00 3.68 0.00	63.71 3.78 0.00	61.59 4.03 0.00	61.57 4.19 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.84 4.29 0.00	72.05 4.78 0.00	79.05 5.17 0.00	71.62 4.31 0.00	63.03 3.96 0.00	54.06 3.73 0.00	47.99 3.39 0.00	44.31 2.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.74 4.20 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00
RAVENSWOOD_GT_9 24257	42.54 2.45 0.00	40.26 1.99 0.00	39.34 1.87 0.00	38.85 1.78 0.00	39.66 1.74 0.00	42.90 2.16 0.00	56.60 2.70 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.71 4.14 0.00	61.69 4.30 0.00	58.46 4.33 0.00	61.74 4.20 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.15 4.08 0.00	54.11 3.78 0.00	47.99 3.39 0.00	44.27 2.93 0.00

RAVENSWOOD___1 23533	42.75 2.65 -0.01	40.46 2.18 -0.01	39.34 1.87 0.00	38.92 1.85 0.00	39.78 1.86 0.00	42.82 2.08 0.00	56.60 2.69 0.00	66.97 2.89 0.01	75.35 3.72 0.01	64.42 3.30 0.01	65.93 3.61 0.01	63.82 3.89 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.89 4.34 0.01	71.97 4.71 0.01	78.82 4.95 0.01	71.55 4.24 0.01	63.08 4.02 0.01	54.01 3.67 0.00	48.12 3.52 0.00	44.31 2.98 0.00
RAVENSWOOD___2 23534	42.75 2.65 -0.01	40.46 2.18 -0.01	39.30 1.84 0.00	38.92 1.85 0.00	39.74 1.82 0.00	42.82 2.08 0.00	56.55 2.64 0.00	66.97 2.89 0.01	75.28 3.65 0.01	64.42 3.30 0.01	65.93 3.61 0.01	63.82 3.89 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.89 4.34 0.01	71.97 4.71 0.01	78.82 4.95 0.01	71.48 4.17 0.01	63.08 4.02 0.01	53.97 3.63 0.00	48.12 3.52 0.00	44.31 2.98 0.00
RAVENSWOOD___3 23535	42.54 2.45 0.00	40.26 1.99 0.00	39.23 1.76 0.00	38.85 1.78 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.60 2.69 0.00	67.29 3.20 0.00	75.64 4.01 0.00	64.74 3.61 0.00	66.26 3.93 0.00	64.13 4.19 0.00	61.94 4.37 0.00	61.92 4.53 0.00	58.57 4.44 0.00	61.91 4.37 0.00	64.20 4.65 0.00	72.32 5.05 0.00	79.13 5.25 0.00	71.82 4.51 0.00	63.38 4.31 0.00	54.06 3.73 0.00	47.99 3.39 0.00	44.23 2.89 0.00
RAVENSWOOD___4 23820	42.75 2.65 -0.01	40.46 2.18 -0.01	39.30 1.84 0.00	38.92 1.85 0.00	39.74 1.82 0.00	42.82 2.08 0.00	56.55 2.64 0.00	66.97 2.89 0.01	75.28 3.65 0.01	64.42 3.30 0.01	65.93 3.61 0.01	63.82 3.89 0.01	61.71 4.15 0.00	61.69 4.31 0.00	58.35 4.22 0.00	61.62 4.09 0.00	63.89 4.34 0.01	71.97 4.71 0.01	78.75 4.87 0.01	71.48 4.17 0.01	63.08 4.02 0.01	53.97 3.63 0.00	48.08 3.48 0.00	44.31 2.98 0.00
RCPL_TRUST___DRP 24196	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.74 1.82 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.32 3.99 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.92 4.53 0.00	58.62 4.49 0.00	61.91 4.37 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.04 3.43 0.00	44.31 2.98 0.00
RED___ROCHESTER 323720	39.34 -0.76 0.00	38.19 -0.08 0.00	37.24 -0.22 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	40.13 -0.61 0.00	52.94 -0.97 0.00	62.68 -1.41 0.00	70.11 -1.51 0.01	60.08 -1.04 0.01	60.69 -1.62 0.01	58.30 -1.62 0.01	55.77 -1.78 0.01	55.71 -1.67 0.01	52.71 -1.41 0.01	55.80 -1.72 0.01	55.49 -2.26 1.80	65.01 -2.62 -0.36	72.62 -1.26 0.00	65.95 -1.35 0.01	57.11 -2.24 -0.29	48.41 -1.91 0.01	43.49 -1.11 0.00	40.72 -0.62 0.00
REGAN___SOLAR 323812	42.18 2.08 0.00	40.22 1.95 0.00	39.30 1.84 0.00	38.89 1.82 0.00	39.81 1.90 0.00	42.94 2.20 0.00	56.66 2.75 0.00	67.74 3.65 0.00	75.43 3.79 0.00	63.64 2.51 0.00	64.57 2.24 0.00	62.27 2.34 0.00	59.81 2.24 0.00	59.79 2.41 0.00	56.35 2.22 0.00	60.36 2.82 0.00	62.76 3.21 0.00	71.31 4.04 0.00	78.01 4.13 0.00	71.01 3.70 0.00	62.55 3.48 0.00	53.26 2.92 0.00	47.01 2.41 0.00	43.40 2.07 0.00
RENSSELAER___COGEN 23796	40.42 0.32 0.00	38.54 0.27 0.00	37.73 0.26 0.00	37.37 0.30 0.00	38.26 0.34 0.00	40.99 0.25 0.00	53.96 0.05 0.00	64.35 0.26 0.00	71.78 0.14 0.00	61.32 0.18 0.00	62.52 0.19 0.00	59.99 0.06 0.00	57.68 0.12 0.00	57.56 0.17 0.00	54.46 0.33 0.00	58.11 0.58 0.00	60.21 0.66 0.00	68.15 0.87 0.00	74.69 0.81 0.00	67.92 0.60 0.00	59.84 0.77 0.00	50.95 0.61 0.00	44.87 0.27 0.00	41.58 0.25 0.00
REPUBLIC_115KV_BARTNBK 55605	42.95 2.85 0.00	41.02 2.76 0.00	40.05 2.59 0.00	39.55 2.48 0.00	40.53 2.62 0.00	43.76 3.01 0.00	57.57 3.67 0.00	68.70 4.61 0.00	76.29 4.66 0.00	64.86 3.73 0.00	66.32 3.99 0.00	63.71 3.78 0.00	60.90 3.34 0.00	60.88 3.50 0.00	57.27 3.14 0.00	61.28 3.74 0.00	63.42 3.87 0.00	72.18 4.91 0.00	78.83 4.95 0.00	71.69 4.38 0.00	63.44 4.37 0.00	53.76 3.42 0.00	47.55 2.94 0.00	43.94 2.60 0.00
REVERE_CPPR_DRP 24186	41.38 1.28 0.00	39.53 1.26 0.00	38.63 1.16 0.00	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	55.80 1.89 0.00	66.52 2.44 0.00	74.57 2.94 0.00	63.64 2.51 0.00	65.08 2.74 -0.01	64.08 2.64 -1.51	61.55 2.30 -1.68	59.87 2.47 -0.01	56.13 2.00 0.00	59.73 2.19 0.00	61.69 2.14 0.00	69.22 1.95 0.00	76.47 2.59 0.00	69.87 2.56 0.00	61.08 2.01 0.00	52.10 1.76 0.00	46.07 1.47 0.00	42.53 1.20 0.00
REYNLDPA_13_KV_LD 356490	40.66 0.56 0.00	38.88 0.61 0.00	38.06 0.60 0.00	37.59 0.52 0.00	38.52 0.60 0.00	41.39 0.65 0.00	54.93 1.02 0.00	65.11 1.02 0.00	72.85 1.22 0.00	62.17 1.04 0.00	63.43 1.12 0.02	58.81 1.14 2.26	56.14 1.09 2.52	58.22 0.86 0.02	54.73 0.60 0.00	58.11 0.58 0.00	60.08 0.53 0.00	67.75 0.47 0.00	74.18 0.30 0.00	67.79 0.47 0.00	59.49 0.42 0.00	50.79 0.45 0.00	45.14 0.54 0.00	41.79 0.46 0.00
REYNOLDS_115KV_TB3 80639	40.78 0.68 0.00	38.84 0.57 0.00	38.10 0.64 0.00	37.66 0.59 0.00	38.56 0.64 0.00	41.44 0.69 0.00	54.50 0.59 0.00	64.73 0.64 0.00	72.21 0.57 0.00	61.81 0.67 0.00	62.76 0.44 0.00	60.17 0.24 0.00	57.91 0.35 0.00	57.79 0.40 0.00	54.78 0.65 0.00	58.46 0.92 0.00	60.50 0.95 0.00	68.69 1.41 0.00	75.36 1.48 0.00	68.52 1.21 0.00	60.31 1.24 0.00	51.30 0.96 0.00	45.27 0.67 0.00	41.91 0.58 0.00
RIVERBAY____ 323610	43.35 3.25 0.00	41.06 2.79 0.00	40.01 2.55 0.00	39.52 2.45 0.00	40.34 2.43 0.00	43.59 2.85 0.00	57.36 3.45 0.00	67.42 3.33 0.00	75.50 3.87 0.00	64.68 3.55 0.00	66.07 3.74 0.00	63.77 3.84 0.00	61.71 4.14 0.00	61.75 4.36 0.00	58.51 4.38 0.00	61.68 4.14 0.00	63.96 4.41 0.00	72.18 4.91 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.20 4.13 0.00	54.47 4.13 0.00	48.80 4.19 -0.01	45.06 3.72 -0.01
RIVERSDE_115KV_TB3 55908	40.50 0.40 0.00	38.61 0.34 0.00	37.84 0.37 0.00	37.44 0.37 0.00	38.30 0.38 0.00	41.15 0.41 0.00	54.12 0.22 0.00	64.28 0.19 0.00	71.78 0.14 0.00	61.44 0.31 0.00	62.45 0.12 0.00	59.87 -0.06 0.00	57.62 0.06 0.00	57.50 0.11 0.00	54.51 0.38 0.00	58.17 0.63 0.00	60.15 0.60 0.00	68.22 0.94 0.00	74.84 0.96 0.00	68.05 0.74 0.00	59.90 0.83 0.00	50.94 0.60 0.00	44.96 0.36 0.00	41.66 0.33 0.00
ROARING___BROOK_WT_PWR 323790	39.74 -0.36 0.00	37.85 -0.42 0.00	37.05 -0.41 0.00	36.70 -0.37 0.00	37.58 -0.34 0.00	40.42 -0.33 0.00	53.53 -0.37 0.00	63.57 -0.51 0.00	71.06 -0.58 0.00	60.64 -0.49 0.00	61.77 -0.56 0.00	59.39 -0.54 0.00	56.99 -0.58 0.00	56.75 -0.63 0.00	53.42 -0.71 0.00	56.73 -0.81 0.00	58.66 -0.89 0.00	66.19 -1.08 0.00	72.70 -1.18 0.00	66.23 -1.08 0.00	58.12 -0.95 0.00	49.59 -0.75 0.00	43.98 -0.62 0.00	40.76 -0.58 0.00

ROCHESRG_115KV_T4 355643	39.02 -1.08 0.00	37.85 -0.42 0.00	36.75 -0.71 0.00	36.55 -0.52 0.00	37.24 -0.68 0.00	39.52 -1.22 0.00	51.97 -1.94 0.00	61.97 -2.11 0.00	69.26 -2.36 0.01	58.80 -2.32 0.01	60.20 -2.12 0.01	57.64 -2.28 0.01	55.13 -2.42 0.01	55.08 -2.30 0.01	51.84 -2.27 0.01	54.88 -2.65 0.01	54.83 -2.92 1.80	64.17 -3.43 -0.32	71.07 -2.81 0.00	64.41 -2.89 0.01	56.37 -2.95 -0.26	47.86 -2.47 0.01	43.04 -1.56 0.00	40.34 -0.99 0.00
ROCHESTER_9_IC 23652	39.18 -0.92 0.00	38.04 -0.23 0.00	36.90 -0.56 0.00	36.70 -0.37 0.00	37.39 -0.53 0.00	39.68 -1.06 0.00	52.18 -1.73 0.00	62.29 -1.79 0.00	69.69 -1.93 0.01	59.16 -1.96 0.01	60.63 -1.68 0.01	58.00 -1.92 0.01	55.48 -2.07 0.01	55.42 -1.95 0.01	52.22 -1.89 0.01	55.28 -2.24 0.01	55.19 -2.56 1.80	64.61 -3.03 -0.36	71.52 -2.36 0.00	64.81 -2.49 0.01	56.76 -2.60 -0.29	48.11 -2.21 0.01	43.22 -1.38 0.00	40.51 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	42.42 2.33 0.00	40.14 1.88 0.00	39.23 1.76 0.00	38.78 1.71 0.00	39.59 1.67 0.00	42.78 2.04 0.00	56.50 2.59 0.00	67.23 3.14 0.00	75.50 3.87 0.00	64.74 3.61 0.00	66.13 3.80 0.00	63.83 3.90 0.00	61.65 4.09 0.00	61.63 4.25 0.00	58.35 4.22 0.00	61.68 4.14 0.00	63.90 4.35 0.00	72.18 4.91 0.00	79.27 5.39 0.00	71.82 4.51 0.00	63.20 4.13 0.00	54.06 3.73 0.00	47.86 3.26 0.00	44.15 2.81 0.00
ROME____115KV_TB2 80656	41.38 1.28 0.00	39.53 1.26 0.00	38.63 1.16 0.00	38.29 1.22 0.00	39.13 1.21 0.00	42.17 1.43 0.00	55.80 1.89 0.00	66.52 2.44 0.00	74.57 2.94 0.00	63.64 2.51 0.00	65.08 2.74 -0.01	64.08 2.64 -1.51	61.55 2.30 -1.68	59.87 2.47 -0.01	56.13 2.00 0.00	59.73 2.19 0.00	61.69 2.14 0.00	69.22 1.95 0.00	76.47 2.59 0.00	69.87 2.56 0.00	61.08 2.01 0.00	52.10 1.76 0.00	46.07 1.47 0.00	42.53 1.20 0.00
ROSETON___1 23587	41.94 1.85 0.00	39.69 1.42 0.00	38.78 1.31 0.00	38.37 1.30 0.00	39.21 1.29 0.00	42.21 1.46 0.00	55.79 1.89 0.00	66.46 2.37 0.00	74.57 2.94 0.00	63.76 2.63 0.00	65.20 2.87 0.00	62.93 3.00 0.00	60.79 3.22 0.00	60.71 3.33 0.00	57.43 3.30 0.00	60.76 3.22 0.00	63.00 3.45 0.00	71.11 3.83 0.00	77.87 3.99 0.00	70.74 3.43 0.00	62.32 3.25 0.00	53.16 2.82 0.00	47.19 2.59 0.00	43.48 2.15 0.00
ROSETON___2 23588	41.94 1.85 0.00	39.69 1.42 0.00	38.78 1.31 0.00	38.37 1.30 0.00	39.21 1.29 0.00	42.21 1.46 0.00	55.79 1.89 0.00	66.46 2.37 0.00	74.57 2.94 0.00	63.76 2.63 0.00	65.20 2.87 0.00	62.93 3.00 0.00	60.79 3.22 0.00	60.71 3.33 0.00	57.43 3.30 0.00	60.76 3.22 0.00	63.00 3.45 0.00	71.11 3.83 0.00	77.87 3.99 0.00	70.74 3.43 0.00	62.32 3.25 0.00	53.16 2.82 0.00	47.19 2.59 0.00	43.48 2.15 0.00
ROTRDAM_115KV_TB3 80664	41.10 1.00 0.00	39.15 0.88 0.00	38.33 0.86 0.00	37.92 0.85 0.00	38.79 0.87 0.00	41.76 1.02 0.00	55.04 1.13 0.00	65.43 1.35 0.00	73.07 1.43 0.00	62.42 1.28 0.00	63.51 1.18 0.00	61.01 1.08 0.00	58.66 1.09 0.00	58.53 1.15 0.00	55.37 1.24 0.00	58.98 1.44 0.00	61.04 1.49 0.00	69.16 1.88 0.00	75.87 1.99 0.00	69.06 1.75 0.00	60.72 1.65 0.00	51.70 1.36 0.00	45.72 1.12 0.00	42.33 0.99 0.00
RUSSELL___1 23602	39.34 -0.76 0.00	38.15 -0.11 0.00	37.02 -0.45 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	39.81 -0.94 0.00	52.40 -1.51 0.00	62.55 -1.54 0.00	69.97 -1.65 0.01	59.47 -1.65 0.01	60.94 -1.37 0.01	58.36 -1.56 0.01	55.82 -1.73 0.01	55.71 -1.66 0.01	52.49 -1.62 0.01	55.57 -1.96 0.01	55.49 -2.26 1.80	64.94 -2.69 -0.36	71.89 -1.99 0.00	65.15 -2.15 0.01	57.05 -2.30 -0.29	48.36 -1.96 0.01	43.40 -1.20 0.00	40.67 -0.66 0.00
RUSSELL___2 23532	39.34 -0.76 0.00	38.15 -0.11 0.00	37.02 -0.45 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	39.81 -0.94 0.00	52.40 -1.51 0.00	62.55 -1.54 0.00	69.97 -1.65 0.01	59.47 -1.65 0.01	60.94 -1.37 0.01	58.36 -1.56 0.01	55.82 -1.73 0.01	55.71 -1.66 0.01	52.49 -1.62 0.01	55.57 -1.96 0.01	55.49 -2.26 1.80	64.94 -2.69 -0.36	71.89 -1.99 0.00	65.15 -2.15 0.01	57.05 -2.30 -0.29	48.36 -1.96 0.01	43.40 -1.20 0.00	40.67 -0.66 0.00
RUSSELL___3 23549	39.34 -0.76 0.00	38.15 -0.11 0.00	37.02 -0.45 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	39.81 -0.94 0.00	52.40 -1.51 0.00	62.55 -1.54 0.00	69.97 -1.65 0.01	59.47 -1.65 0.01	60.94 -1.37 0.01	58.36 -1.56 0.01	55.82 -1.73 0.01	55.71 -1.66 0.01	52.49 -1.62 0.01	55.57 -1.96 0.01	55.49 -2.26 1.80	64.94 -2.69 -0.36	71.89 -1.99 0.00	65.15 -2.15 0.01	57.05 -2.30 -0.29	48.36 -1.96 0.01	43.40 -1.20 0.00	40.67 -0.66 0.00
RUSSELL___4 23556	39.34 -0.76 0.00	38.15 -0.11 0.00	37.02 -0.45 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	39.81 -0.94 0.00	52.40 -1.51 0.00	62.55 -1.54 0.00	69.97 -1.65 0.01	59.47 -1.65 0.01	60.94 -1.37 0.01	58.36 -1.56 0.01	55.82 -1.73 0.01	55.71 -1.66 0.01	52.49 -1.62 0.01	55.57 -1.96 0.01	55.49 -2.26 1.80	64.94 -2.69 -0.36	71.89 -1.99 0.00	65.15 -2.15 0.01	57.05 -2.30 -0.29	48.36 -1.96 0.01	43.40 -1.20 0.00	40.67 -0.66 0.00
RUSSELL___STATION 23914	39.34 -0.76 0.00	38.15 -0.11 0.00	37.02 -0.45 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	39.81 -0.94 0.00	52.40 -1.51 0.00	62.55 -1.54 0.00	69.97 -1.65 0.01	59.47 -1.65 0.01	60.94 -1.37 0.01	58.36 -1.56 0.01	55.82 -1.73 0.01	55.71 -1.66 0.01	52.49 -1.62 0.01	55.57 -1.96 0.01	55.49 -2.26 1.80	64.94 -2.69 -0.36	71.89 -1.99 0.00	65.15 -2.15 0.01	57.05 -2.30 -0.29	48.36 -1.96 0.01	43.40 -1.20 0.00	40.67 -0.66 0.00
S SALMON___HYD 24043	39.94 -0.16 0.00	38.19 -0.08 0.00	37.35 -0.11 0.00	36.96 -0.11 0.00	37.77 -0.15 0.00	40.66 -0.08 0.00	53.80 -0.11 0.00	63.90 -0.19 0.00	71.63 0.00 0.00	62.28 0.00 -1.15	64.64 0.00 -2.31	63.43 0.00 -3.50	60.88 -0.17 -3.49	59.31 -0.11 -2.04	55.38 -0.27 -1.52	58.86 -0.23 -1.55	59.07 -0.48 0.00	66.54 -0.74 0.00	73.44 -0.44 0.00	67.04 -0.27 0.00	58.72 -0.35 0.00	50.24 -0.10 0.00	44.47 -0.13 0.00	41.13 -0.21 0.00
S.PERRY__115KV_TB1 80734	39.98 -0.12 0.00	39.00 0.73 0.00	37.77 0.30 0.00	37.59 0.52 0.00	38.18 0.27 0.00	40.46 -0.29 0.00	53.21 -0.70 0.00	63.38 -0.70 0.00	70.45 -1.15 0.03	59.63 -1.47 0.03	60.86 -1.43 0.03	58.10 -1.80 0.03	55.40 -2.13 0.03	55.28 -2.07 0.03	52.15 -1.95 0.03	55.43 -2.07 0.03	67.10 -2.02 -9.57	76.54 -2.02 -11.28	72.92 -0.96 0.00	66.40 -0.88 0.03	66.91 -1.18 -9.02	49.25 -1.06 0.03	44.11 -0.49 0.00	41.54 0.21 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.13 -1.96 0.00	37.62 -0.65 0.00	36.27 -1.20 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	38.50 -2.24 0.00	49.81 -4.10 0.00	59.22 -4.87 0.00	65.66 -5.95 0.02	55.85 -5.26 0.02	57.32 -4.99 0.02	54.64 -5.27 0.02	52.25 -5.30 0.02	52.37 -4.99 0.02	49.45 -4.66 0.02	52.28 -5.24 0.02	45.64 -5.84 8.07	57.06 -7.13 3.08	67.23 -6.65 0.00	61.03 -6.26 0.02	50.46 -6.14 2.46	45.28 -5.03 0.02	41.26 -3.35 0.00	39.35 -1.98 0.00

SAWYER___23_KV_LOAD 55526	38.13 -1.96 0.00	37.62 -0.65 0.00	36.27 -1.20 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	38.50 -2.24 0.00	49.81 -4.10 0.00	59.22 -4.87 0.00	65.66 -5.95 0.02	55.85 -5.26 0.02	57.32 -4.99 0.02	54.64 -5.27 0.02	52.25 -5.30 0.02	52.37 -4.99 0.02	49.45 -4.66 0.02	52.28 -5.24 0.02	45.64 -5.84 8.07	57.06 -7.13 3.08	67.23 -6.65 0.00	61.03 -6.26 0.02	50.46 -6.14 2.46	45.28 -5.03 0.02	41.26 -3.35 0.00	39.35 -1.98 0.00
SELKIRK___I 23801	40.90 0.80 0.00	39.03 0.77 0.00	38.21 0.75 0.00	37.81 0.74 0.00	38.68 0.76 0.00	41.48 0.73 0.00	54.66 0.75 0.00	65.11 1.02 0.00	72.71 1.08 0.00	62.05 0.92 0.00	63.26 0.94 0.00	60.71 0.78 0.00	58.37 0.81 0.00	58.25 0.86 0.00	55.05 0.92 0.00	58.75 1.21 0.00	60.80 1.25 0.00	68.82 1.55 0.00	75.43 1.55 0.00	68.66 1.35 0.00	60.48 1.42 0.00	51.50 1.16 0.00	45.45 0.85 0.00	42.12 0.78 0.00
SELKIRK___II 23799	40.58 0.48 0.00	38.65 0.38 0.00	37.88 0.41 0.00	37.52 0.45 0.00	38.37 0.46 0.00	41.15 0.41 0.00	54.23 0.33 0.00	64.60 0.51 0.00	72.14 0.50 0.00	61.62 0.49 0.00	62.82 0.50 0.00	60.29 0.36 0.00	58.02 0.46 0.00	57.90 0.52 0.00	54.73 0.60 0.00	58.34 0.81 0.00	60.44 0.89 0.00	68.42 1.14 0.00	74.99 1.11 0.00	68.18 0.87 0.00	60.07 1.00 0.00	51.14 0.80 0.00	45.09 0.49 0.00	41.79 0.46 0.00
SENECA OSWGO___HYD 24041	39.34 -0.76 0.00	37.58 -0.69 0.00	36.79 -0.67 0.00	36.40 -0.67 0.00	37.20 -0.72 0.00	39.97 -0.78 0.00	52.94 -0.97 0.00	62.87 -1.22 0.00	70.48 -1.15 0.00	61.84 -1.04 -1.74	64.69 -1.12 -3.48	62.27 -1.02 -3.35	59.58 -1.10 -3.11	59.44 -1.03 -3.08	55.51 -0.92 -2.30	58.85 -1.03 -2.35	58.36 -1.19 0.00	65.99 -1.28 0.00	72.62 -1.26 0.00	66.23 -1.08 0.00	58.01 -1.06 0.00	49.43 -0.90 0.00	43.80 -0.80 0.00	40.59 -0.74 0.00
SENECA___115KV_TB3 355854	38.38 -1.72 0.00	37.77 -0.50 0.00	36.86 -0.60 0.00	36.48 -0.59 0.00	36.78 -1.14 0.00	39.28 -1.47 0.00	51.27 -2.64 0.00	59.92 -4.16 0.00	66.38 -5.23 0.02	56.59 -4.52 0.02	57.94 -4.36 0.02	55.35 -4.56 0.02	53.05 -4.49 0.02	53.17 -4.19 0.02	49.94 -4.17 0.02	53.20 -4.32 0.02	46.06 -4.82 8.67	58.18 -5.79 3.30	68.64 -5.24 0.00	62.38 -4.91 0.02	51.29 -5.14 2.64	45.93 -4.38 0.02	41.70 -2.90 0.00	39.72 -1.61 0.00
SENECA___ENERGY 23797	39.54 -0.56 0.00	38.04 -0.23 0.00	37.16 -0.30 0.00	36.77 -0.30 0.00	37.54 -0.38 0.00	40.34 -0.41 0.00	53.32 -0.59 0.00	63.32 -0.77 0.00	70.91 -0.72 0.00	60.81 -0.73 -0.41	62.33 -0.81 -0.82	59.94 -0.78 -0.79	57.37 -0.92 -0.73	57.25 -0.86 -0.72	53.91 -0.76 -0.54	57.17 -0.92 -0.55	59.58 -1.01 -1.05	66.94 -1.08 -0.75	73.14 -0.74 0.00	66.70 -0.61 0.00	58.78 -0.88 -0.60	49.53 -0.81 0.00	43.98 -0.62 0.00	40.96 0.00 0.00
SHOEMAKER___GT 23640	41.90 1.81 0.00	39.72 1.45 0.00	38.81 1.35 0.00	38.44 1.37 0.00	39.24 1.33 0.00	42.25 1.51 0.00	55.90 2.00 0.00	66.59 2.50 0.00	74.64 3.01 0.00	63.70 2.57 0.00	65.07 2.74 0.00	62.81 2.88 0.00	60.56 2.99 0.00	60.54 3.15 0.00	57.21 3.08 0.00	60.64 3.10 0.00	62.88 3.33 0.00	70.97 3.70 0.00	77.79 3.91 0.00	70.74 3.43 0.00	62.26 3.19 0.00	53.06 2.72 0.00	47.05 2.45 0.00	43.40 2.07 0.00
SHOEMAKR_138KV_BK 111 55601	41.90 1.80 0.00	39.68 1.42 0.00	38.85 1.39 0.00	38.41 1.33 0.00	39.21 1.29 0.00	42.33 1.59 0.00	55.90 1.99 0.00	66.46 2.37 0.00	74.43 2.79 0.00	63.70 2.57 0.00	64.95 2.62 0.00	62.57 2.64 0.00	60.39 2.82 0.00	60.37 2.98 0.00	57.16 3.03 0.00	60.47 2.93 0.00	62.71 3.16 0.00	70.84 3.57 0.00	77.87 3.99 0.00	70.68 3.37 0.00	62.14 3.07 0.00	53.11 2.77 0.00	47.01 2.41 0.00	43.44 2.11 0.00
SHOREHAM_IC_1 23715	41.26 1.16 0.00	37.05 0.23 1.45	36.82 0.08 0.72	37.37 0.30 0.00	38.26 0.34 0.00	41.23 0.49 0.00	45.92 0.05 8.04	47.47 0.13 16.75	43.28 0.50 28.86	52.37 0.86 9.61	50.57 0.99 12.75	49.54 1.38 11.77	43.47 1.26 15.36	49.62 1.55 9.31	47.23 1.57 8.47	44.41 1.79 14.92	54.67 1.96 6.84	58.40 2.29 11.16	66.26 2.51 10.13	49.19 2.09 20.21	54.14 1.77 6.70	50.91 1.31 0.74	46.20 1.60 0.00	43.03 1.70 0.00
SHOREHAM_IC_2 23716	41.26 1.16 0.00	37.08 0.27 1.45	36.94 0.19 0.71	37.37 0.30 0.00	38.26 0.34 0.00	41.88 1.14 0.00	45.98 0.11 8.04	47.40 0.06 16.75	43.20 0.43 28.86	52.31 0.79 9.61	50.57 1.00 12.75	49.30 1.14 11.77	43.29 1.09 15.36	49.39 1.32 9.31	47.12 1.46 8.47	44.18 1.55 14.92	54.50 1.79 6.84	58.27 2.15 11.16	66.33 2.59 10.13	48.72 1.62 20.21	53.90 1.54 6.70	50.96 1.36 0.74	46.20 1.61 0.00	43.11 1.78 0.00
SISSONVILLE____ 23735	41.30 1.20 0.00	39.49 1.22 0.00	38.66 1.20 0.00	38.18 1.11 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.80 1.89 0.00	66.27 2.18 0.00	73.92 2.29 0.00	63.33 2.20 0.00	64.85 2.37 -0.15	78.28 2.46 -15.89	77.53 2.25 -17.72	59.49 1.95 -0.15	55.48 1.35 0.00	59.09 1.55 0.00	60.74 1.19 0.00	67.81 0.54 0.00	74.40 0.52 0.00	68.19 0.88 0.00	59.72 0.65 0.00	51.45 1.11 0.00	45.81 1.20 0.00	42.24 0.91 0.00
SITHE_IND_GS1 24169	38.81 -1.28 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.44 -1.31 0.00	52.24 -1.67 0.00	62.04 -2.05 0.00	69.41 -2.22 0.00	51.99 -1.96 7.18	45.99 -2.00 14.34	44.21 -1.92 13.81	42.87 -1.90 12.80	42.80 -1.89 12.69	42.91 -1.73 9.49	45.98 -1.90 9.66	57.52 -2.02 0.00	65.06 -2.22 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.05 -1.28 0.00
SITHE_IND_GS2 24170	38.81 -1.28 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.44 -1.31 0.00	52.24 -1.67 0.00	62.04 -2.05 0.00	69.41 -2.22 0.00	51.99 -1.96 7.18	45.99 -2.00 14.34	44.21 -1.92 13.81	42.87 -1.90 12.80	42.80 -1.89 12.69	42.91 -1.73 9.49	45.98 -1.90 9.66	57.52 -2.02 0.00	65.06 -2.22 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.05 -1.28 0.00
SITHE_IND_GS3 24171	38.81 -1.28 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.44 -1.31 0.00	52.24 -1.67 0.00	62.04 -2.05 0.00	69.41 -2.22 0.00	51.99 -1.96 7.18	45.99 -2.00 14.34	44.21 -1.92 13.81	42.87 -1.90 12.80	42.80 -1.89 12.69	42.91 -1.73 9.49	45.98 -1.90 9.66	57.52 -2.02 0.00	65.06 -2.22 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.05 -1.28 0.00
SITHE_IND_GS4 24172	38.81 -1.28 0.00	37.12 -1.15 0.00	36.34 -1.12 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.44 -1.31 0.00	52.24 -1.67 0.00	62.04 -2.05 0.00	69.41 -2.22 0.00	51.99 -1.96 7.18	45.99 -2.00 14.34	44.21 -1.92 13.81	42.87 -1.90 12.80	42.80 -1.89 12.69	42.91 -1.73 9.49	45.98 -1.90 9.66	57.52 -2.02 0.00	65.06 -2.22 0.00	71.67 -2.21 0.00	65.29 -2.02 0.00	57.18 -1.89 0.00	48.68 -1.66 0.00	43.17 -1.43 0.00	40.05 -1.28 0.00

SITHE____BATAVIA 24024	39.25 -0.84 0.00	38.38 0.12 0.00	37.58 0.11 0.00	37.18 0.11 0.00	37.69 -0.23 0.00	40.21 -0.53 0.00	52.51 -1.40 0.00	61.59 -2.50 0.00	68.46 -3.15 0.02	58.55 -2.57 0.02	59.13 -3.18 0.02	56.68 -3.24 0.02	54.09 -3.45 0.02	54.10 -3.27 0.02	51.13 -2.98 0.02	54.18 -3.34 0.02	50.22 -4.05 5.28	60.96 -4.77 1.54	70.92 -2.96 0.00	64.33 -2.96 0.02	53.82 -4.02 1.23	47.00 -3.32 0.02	42.77 -1.83 0.00	40.67 -0.66 0.00
SITHE____INDEPEND 23800	38.82 -1.28 0.00	37.12 -1.15 0.00	36.30 -1.16 0.00	35.96 -1.11 0.00	36.74 -1.18 0.00	39.40 -1.34 0.00	52.13 -1.78 0.00	62.04 -2.05 0.00	69.41 -2.22 0.00	52.00 -1.96 7.18	46.06 -1.93 14.34	44.21 -1.92 13.81	42.87 -1.90 12.80	42.85 -1.84 12.69	42.91 -1.73 9.49	45.98 -1.90 9.66	57.52 -2.02 0.00	64.99 -2.29 0.00	71.59 -2.29 0.00	65.23 -2.09 0.00	57.18 -1.89 0.00	48.63 -1.71 0.00	43.13 -1.47 0.00	40.05 -1.28 0.00
SITHE____MASSENA 23902	40.86 0.76 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.77 0.70 0.00	38.75 0.83 0.00	41.64 0.90 0.00	55.20 1.29 0.00	65.44 1.35 0.00	73.21 1.57 0.00	62.48 1.34 0.00	64.02 1.43 -0.26	88.58 1.44 -27.21	89.28 1.38 -30.34	58.79 1.15 -0.26	54.99 0.86 0.00	58.40 0.86 0.00	60.38 0.83 0.00	68.02 0.74 0.00	74.47 0.59 0.00	68.12 0.81 0.00	59.72 0.65 0.00	51.04 0.70 0.00	45.36 0.76 0.00	41.99 0.66 0.00
SITHE____OGDNSBRG 24021	41.62 1.52 0.00	39.84 1.57 0.00	38.96 1.50 0.00	38.52 1.45 0.00	39.47 1.55 0.00	42.50 1.75 0.00	56.50 2.59 0.00	67.04 2.95 0.00	74.64 3.01 0.00	63.58 2.45 0.00	64.95 2.43 -0.19	82.74 2.52 -20.29	82.54 2.36 -22.62	59.64 2.07 -0.19	55.64 1.52 0.00	59.32 1.78 0.00	61.34 1.79 0.00	68.96 1.68 0.00	75.73 1.85 0.00	69.40 2.09 0.00	60.78 1.71 0.00	52.10 1.76 0.00	46.25 1.65 0.00	42.62 1.28 0.00
SITHE____STERLING 23777	41.10 1.00 0.00	39.26 0.99 0.00	38.40 0.94 0.00	38.03 0.96 0.00	38.87 0.95 0.00	41.88 1.14 0.00	55.47 1.56 0.00	66.08 1.99 0.00	73.99 2.36 0.00	63.09 1.96 0.00	64.46 2.12 -0.01	63.07 2.10 -1.05	60.52 1.79 -1.17	59.35 1.95 -0.01	55.70 1.57 0.00	59.32 1.79 0.00	62.08 1.78 -0.75	69.02 1.75 0.00	76.02 2.14 0.00	69.40 2.09 0.00	60.72 1.65 0.00	51.75 1.41 0.00	45.76 1.16 0.00	42.29 0.95 0.00
SLEIGHT__34_KV_TB1 80719	39.14 -0.96 0.00	37.73 -0.54 0.00	36.72 -0.75 0.00	36.48 -0.59 0.00	37.20 -0.72 0.00	39.68 -1.06 0.00	52.45 -1.46 0.00	62.61 -1.47 0.00	70.19 -1.43 0.01	59.92 -1.41 -0.19	61.54 -1.18 -0.39	59.05 -1.26 -0.38	56.48 -1.44 -0.35	56.36 -1.38 -0.35	53.03 -1.35 -0.26	56.19 -1.61 -0.26	57.11 -1.85 0.60	65.42 -2.22 -0.36	72.03 -1.85 0.00	65.49 -1.82 0.01	57.47 -1.89 -0.29	48.62 -1.71 0.01	43.40 -1.20 0.00	40.47 -0.87 0.00
SMITHTWN_69_KV_BK 1 55830	41.90 1.80 0.00	37.37 0.99 1.89	37.44 0.90 0.93	37.96 0.89 0.00	38.83 0.91 0.00	42.33 1.59 0.00	45.17 0.86 9.60	47.33 1.09 17.85	42.04 1.50 31.10	53.18 1.59 9.54	47.81 2.06 16.58	49.14 2.28 13.07	42.93 2.25 16.88	48.61 2.47 11.24	45.82 2.54 10.85	40.75 2.30 19.09	53.82 2.44 8.17	55.66 2.89 14.51	64.10 3.40 13.17	43.59 2.56 26.28	52.54 2.19 8.71	51.66 2.11 0.79	47.10 2.50 0.00	43.93 2.60 0.00
SOUTH CAIRO__GT 23612	41.50 1.40 0.00	39.61 1.34 0.00	38.81 1.35 0.00	38.37 1.30 0.00	39.21 1.29 0.00	42.17 1.43 0.00	55.69 1.78 0.00	66.33 2.24 0.00	73.64 2.01 0.00	62.48 1.34 0.00	63.32 1.00 0.00	60.59 0.66 0.00	58.26 0.69 0.00	58.19 0.80 0.00	55.10 0.97 0.00	58.92 1.38 0.00	61.04 1.49 0.00	69.56 2.29 0.00	76.61 2.73 0.00	69.53 2.22 0.00	61.14 2.07 0.00	52.05 1.71 0.00	45.85 1.25 0.00	42.45 1.12 0.00
SOUTH HAMPTN__IC 23720	41.50 1.40 0.00	37.29 0.46 1.44	37.06 0.30 0.71	37.55 0.48 0.00	38.45 0.53 0.00	41.48 0.73 0.00	46.19 0.27 7.99	47.81 0.45 16.73	43.68 0.86 28.81	52.66 1.16 9.64	51.22 1.49 12.60	50.04 1.86 11.75	43.91 1.67 15.33	50.09 1.95 9.25	47.70 1.95 8.37	44.85 2.07 14.76	55.02 2.26 6.79	58.80 2.56 11.03	66.67 2.81 10.02	49.83 2.49 19.98	54.39 1.95 6.63	51.06 1.46 0.74	46.34 1.74 0.00	43.23 1.90 0.00
SOUTHDOW_115KV_TB1 355954	38.86 -1.24 0.00	38.15 -0.11 0.00	36.90 -0.56 0.00	36.81 -0.26 0.00	37.05 -0.87 0.00	39.11 -1.63 0.00	51.21 -2.70 0.00	60.63 -3.46 0.00	66.95 -4.66 0.03	57.75 -3.36 0.03	58.94 -3.37 0.03	56.61 -3.30 0.03	54.26 -3.28 0.03	54.43 -2.93 0.03	51.45 -2.65 0.03	54.75 -2.76 0.03	47.88 -3.04 8.63	60.04 -4.10 3.13	70.04 -3.84 0.00	64.12 -3.16 0.03	53.14 -3.43 2.50	47.34 -2.97 0.03	42.46 -2.14 0.00	40.47 -0.87 0.00
SOUTHOLD_69_KV_BK 2 55809	41.54 1.44 0.00	37.29 0.46 1.44	37.10 0.34 0.71	37.48 0.41 0.00	38.45 0.53 0.00	42.13 1.39 0.00	46.25 0.32 7.98	47.74 0.38 16.73	43.33 0.50 28.81	52.41 0.92 9.64	51.16 1.43 12.60	49.69 1.50 11.74	43.62 1.38 15.32	49.75 1.61 9.24	47.49 1.73 8.37	44.51 1.73 14.75	54.67 1.91 6.79	58.40 2.15 11.03	66.45 2.59 10.01	48.96 1.62 19.97	53.86 1.42 6.62	50.86 1.26 0.74	46.02 1.43 0.00	43.19 1.86 0.00
SOUTHOLD__IC 23719	41.54 1.44 0.00	37.29 0.46 1.44	36.98 0.23 0.71	37.48 0.41 0.00	38.45 0.53 0.00	41.52 0.77 0.00	46.14 0.22 7.98	47.74 0.39 16.73	43.47 0.64 28.81	52.47 0.98 9.64	51.22 1.49 12.60	49.93 1.74 11.74	43.80 1.55 15.32	49.98 1.84 9.24	47.54 1.78 8.37	44.74 1.96 14.75	54.84 2.08 6.79	58.54 2.29 11.03	66.38 2.51 10.01	49.56 2.22 19.97	54.10 1.65 6.62	50.81 1.21 0.74	46.07 1.47 0.00	43.15 1.82 0.00
SOUTH_FORK_WT_PWR 323839	41.26 1.16 0.00	36.95 0.12 1.44	36.64 -0.11 0.71	37.15 0.07 0.00	38.15 0.23 0.00	41.23 0.49 0.00	45.60 -0.32 7.99	47.10 -0.26 16.73	42.61 -0.21 28.81	51.74 0.25 9.64	50.48 0.75 12.60	49.20 1.02 11.75	43.11 0.86 15.32	49.23 1.09 9.24	46.89 1.14 8.37	43.99 1.21 14.76	54.07 1.31 6.79	57.59 1.34 11.03	65.42 1.55 10.01	48.62 1.28 19.97	53.27 0.83 6.62	50.16 0.55 0.74	45.44 0.85 0.00	42.74 1.41 0.00
SPIERFLS_115KV_TB 1 80737	41.34 1.24 0.00	39.42 1.15 0.00	38.55 1.09 0.00	38.11 1.04 0.00	39.06 1.14 0.00	42.05 1.30 0.00	55.36 1.46 0.00	65.88 1.79 0.00	73.14 1.50 0.00	62.36 1.22 0.00	63.76 1.43 0.00	61.13 1.20 0.00	58.60 1.04 0.00	58.59 1.21 0.00	55.32 1.19 0.00	59.09 1.55 0.00	61.16 1.61 0.00	69.43 2.15 0.00	75.95 2.07 0.00	69.06 1.75 0.00	61.02 1.95 0.00	51.85 1.51 0.00	45.94 1.34 0.00	42.49 1.16 0.00
ST LAWRENCE____ 23600	40.30 0.20 0.00	38.46 0.19 0.00	37.69 0.23 0.00	37.22 0.15 0.00	38.15 0.23 0.00	40.99 0.25 0.00	54.29 0.38 0.00	64.41 0.32 0.00	71.99 0.36 0.00	61.44 0.31 0.00	62.62 0.31 0.02	58.58 0.36 1.72	56.00 0.35 1.91	57.54 0.17 0.02	54.13 0.00 0.00	57.48 -0.06 0.00	59.49 -0.06 0.00	67.07 -0.20 0.00	73.59 -0.29 0.00	67.11 -0.20 0.00	58.89 -0.18 0.00	50.34 0.00 0.00	44.69 0.09 0.00	41.38 0.04 0.00

STATE_CA_115KV_115_LB 55624	40.62 0.52 0.00	38.77 0.50 0.00	37.99 0.52 0.00	37.59 0.52 0.00	38.45 0.53 0.00	41.31 0.57 0.00	54.34 0.43 0.00	64.54 0.45 0.00	72.13 0.50 0.00	61.74 0.61 0.00	62.83 0.50 0.00	60.29 0.36 0.00	57.97 0.40 0.00	57.90 0.52 0.00	54.78 0.65 0.00	58.46 0.92 0.00	60.44 0.89 0.00	68.55 1.28 0.00	75.14 1.26 0.00	68.32 1.01 0.00	60.13 1.06 0.00	51.14 0.81 0.00	45.14 0.54 0.00	41.83 0.50 0.00
STATE_ST_34_KV_LOAD 55959	39.82 -0.28 0.00	38.15 -0.11 0.00	37.28 -0.19 0.00	36.92 -0.15 0.00	37.73 -0.19 0.00	40.46 -0.29 0.00	53.53 -0.38 0.00	63.83 -0.26 0.00	71.57 -0.07 -0.01	61.41 -0.18 -0.46	63.06 -0.19 -0.92	60.64 -0.18 -0.89	58.04 -0.35 -0.82	57.91 -0.29 -0.82	54.52 -0.22 -0.61	57.82 -0.35 -0.62	61.48 -0.30 -2.22	67.35 -0.34 -0.42	73.81 -0.07 0.00	67.32 0.00 -0.01	59.28 -0.12 -0.33	50.09 -0.25 -0.01	44.38 -0.22 0.00	41.21 -0.12 0.00
STATION_5_MISC_HYD 23604	39.18 -0.92 0.00	38.04 -0.23 0.00	37.13 -0.34 0.00	36.70 -0.37 0.00	37.39 -0.53 0.00	40.01 -0.73 0.00	52.72 -1.19 0.00	62.42 -1.67 0.00	69.76 -1.86 0.01	59.77 -1.35 0.01	60.38 -1.93 0.01	58.00 -1.92 0.01	55.48 -2.07 0.01	55.42 -1.95 0.01	52.38 -1.73 0.01	55.51 -2.02 0.01	55.19 -2.56 1.80	64.61 -3.03 -0.36	72.18 -1.70 0.00	65.55 -1.75 0.01	56.82 -2.54 -0.29	48.16 -2.16 0.01	43.31 -1.29 0.00	40.55 -0.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.30 -0.80 0.00	37.96 -0.31 0.00	36.94 -0.52 0.00	36.66 -0.41 0.00	37.39 -0.53 0.00	39.89 -0.86 0.00	52.61 -1.29 0.00	62.74 -1.35 0.00	70.26 -1.36 0.01	60.05 -1.28 -0.20	61.61 -1.12 -0.41	59.07 -1.26 -0.39	56.55 -1.38 -0.36	56.42 -1.32 -0.36	53.10 -1.30 -0.27	56.26 -1.55 -0.27	56.48 -1.67 1.40	65.86 -2.02 -0.61	72.25 -1.63 0.00	65.68 -1.62 0.01	57.84 -1.71 -0.49	48.82 -1.51 0.01	43.58 -1.03 0.00	40.67 -0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.98 -1.12 0.00	37.77 -0.50 0.00	36.68 -0.79 0.00	36.48 -0.59 0.00	37.16 -0.76 0.00	39.48 -1.26 0.00	51.97 -1.94 0.00	62.04 -2.05 0.00	69.33 -2.29 0.01	58.92 -2.20 0.01	60.38 -1.93 0.01	57.82 -2.10 0.01	55.31 -2.25 0.01	55.19 -2.18 0.01	52.01 -2.11 0.01	55.05 -2.47 0.01	55.08 -2.74 1.73	64.41 -3.23 -0.37	71.22 -2.66 0.00	64.54 -2.76 0.01	56.59 -2.78 -0.30	47.96 -2.37 0.01	43.04 -1.56 0.00	40.30 -1.03 0.00
STA_56___34_KV_BUS2 355983	38.98 -1.12 0.00	37.77 -0.50 0.00	36.68 -0.79 0.00	36.48 -0.59 0.00	37.16 -0.76 0.00	39.48 -1.26 0.00	51.97 -1.94 0.00	62.04 -2.05 0.00	69.33 -2.29 0.01	58.92 -2.20 0.01	60.38 -1.93 0.01	57.82 -2.10 0.01	55.31 -2.25 0.01	55.19 -2.18 0.01	52.01 -2.11 0.01	55.05 -2.47 0.01	55.08 -2.74 1.73	64.41 -3.23 -0.37	71.22 -2.66 0.00	64.54 -2.76 0.01	56.59 -2.78 -0.30	47.96 -2.37 0.01	43.04 -1.56 0.00	40.30 -1.03 0.00
STA_67___115KV_BK2 355882	39.14 -0.96 0.00	37.96 -0.31 0.00	36.83 -0.64 0.00	36.66 -0.41 0.00	37.31 -0.61 0.00	39.60 -1.14 0.00	52.08 -1.83 0.00	62.17 -1.92 0.00	69.47 -2.15 0.01	58.98 -2.14 0.01	60.44 -1.87 0.01	57.88 -2.04 0.01	55.36 -2.19 0.01	55.25 -2.12 0.01	52.06 -2.06 0.01	55.11 -2.42 0.01	55.01 -2.74 1.80	64.47 -3.16 -0.36	71.29 -2.59 0.00	64.67 -2.63 0.01	56.64 -2.72 -0.28	48.01 -2.32 0.01	43.13 -1.47 0.00	40.47 -0.87 0.00
STA_7___115KV_9TRANS 80674	39.34 -0.76 0.00	38.15 -0.11 0.00	37.02 -0.45 0.00	36.85 -0.22 0.00	37.50 -0.42 0.00	39.81 -0.94 0.00	52.40 -1.51 0.00	62.55 -1.54 0.00	69.97 -1.65 0.01	59.47 -1.65 0.01	60.94 -1.37 0.01	58.36 -1.56 0.01	55.82 -1.73 0.01	55.71 -1.66 0.01	52.49 -1.62 0.01	55.57 -1.96 0.01	55.49 -2.26 1.80	64.94 -2.69 -0.36	71.89 -1.99 0.00	65.15 -2.15 0.01	57.05 -2.30 -0.29	48.36 -1.96 0.01	43.40 -1.20 0.00	40.67 -0.66 0.00
STA_82___115KV_TB1 80780	39.14 -0.96 0.00	38.00 -0.27 0.00	36.87 -0.60 0.00	36.66 -0.41 0.00	37.35 -0.57 0.00	39.64 -1.10 0.00	52.13 -1.78 0.00	62.17 -1.92 0.00	69.54 -2.08 0.01	58.98 -2.14 0.01	60.44 -1.87 0.01	57.88 -2.04 0.01	55.36 -2.19 0.01	55.25 -2.12 0.01	52.06 -2.06 0.01	55.11 -2.42 0.01	55.02 -2.74 1.79	64.50 -3.16 -0.39	71.37 -2.51 0.00	64.67 -2.63 0.01	56.66 -2.72 -0.31	48.06 -2.27 0.01	43.17 -1.43 0.00	40.47 -0.87 0.00
STEEL___WIND 323596	38.33 -1.76 0.00	37.73 -0.54 0.00	36.83 -0.64 0.00	36.44 -0.63 0.00	36.78 -1.14 0.00	39.24 -1.51 0.00	51.21 -2.69 0.00	59.86 -4.23 0.00	66.31 -5.30 0.02	56.52 -4.59 0.02	57.81 -4.49 0.02	55.29 -4.61 0.02	52.93 -4.61 0.02	53.06 -4.30 0.02	49.88 -4.22 0.02	53.09 -4.43 0.02	46.00 -4.88 8.67	58.12 -5.85 3.30	68.56 -5.32 0.00	62.31 -4.98 0.02	51.23 -5.20 2.64	45.88 -4.43 0.02	41.66 -2.95 0.00	39.68 -1.65 0.00
STEPHTWN_115KV_BK_2 55603	40.82 0.72 0.00	38.92 0.65 0.00	38.14 0.67 0.00	37.74 0.67 0.00	38.60 0.68 0.00	41.48 0.73 0.00	54.61 0.70 0.00	64.92 0.83 0.00	72.56 0.93 0.00	61.99 0.86 0.00	63.08 0.75 0.00	60.53 0.60 0.00	58.20 0.63 0.00	58.07 0.69 0.00	55.00 0.87 0.00	58.69 1.15 0.00	60.74 1.19 0.00	68.89 1.61 0.00	75.51 1.63 0.00	68.66 1.35 0.00	60.43 1.36 0.00	51.40 1.06 0.00	45.36 0.76 0.00	42.00 0.66 0.00
STEBEN_REC_LFGE 323667	38.94 -1.16 0.00	38.04 -0.23 0.00	36.83 -0.64 0.00	36.59 -0.48 0.00	36.97 -0.95 0.00	39.11 -1.63 0.00	51.05 -2.86 0.00	60.50 -3.59 0.00	67.41 -4.15 0.07	57.39 -3.67 0.07	58.33 -3.93 0.07	55.91 -3.96 0.07	53.41 -4.09 0.07	53.41 -3.90 0.07	50.43 -3.63 0.07	53.50 -3.97 0.07	52.09 -4.05 3.41	70.18 -4.51 -7.41	69.82 -4.06 0.00	63.94 -3.30 0.07	61.98 -3.01 -5.93	47.85 -2.42 0.07	42.77 -1.83 0.00	40.51 -0.83 0.00
STILLWATER___SOLAR 323814	41.62 1.52 0.00	39.64 1.38 0.00	38.78 1.31 0.00	38.40 1.33 0.00	39.32 1.40 0.00	42.25 1.51 0.00	55.68 1.78 0.00	66.46 2.37 0.00	73.92 2.29 0.00	63.09 1.96 0.00	64.38 2.05 0.00	61.73 1.80 0.00	59.24 1.67 0.00	59.16 1.78 0.00	55.86 1.73 0.00	59.67 2.13 0.00	61.81 2.26 0.00	70.16 2.89 0.00	76.76 2.88 0.00	69.80 2.49 0.00	61.55 2.48 0.00	52.35 2.02 0.00	46.16 1.56 0.00	42.74 1.41 0.00
STONY___BROOK 24151	41.82 1.72 0.00	37.57 0.92 1.62	37.42 0.75 0.80	37.92 0.85 0.00	38.79 0.87 0.00	41.80 1.06 0.00	45.98 0.70 8.63	47.97 1.02 17.14	43.54 1.57 29.67	53.03 1.46 9.57	50.24 2.12 14.20	50.15 2.46 12.24	44.01 2.36 15.92	49.93 2.58 10.03	47.30 2.54 9.37	43.40 2.36 16.50	54.65 2.44 7.34	57.67 2.82 12.43	65.77 3.17 11.29	47.76 2.96 22.51	53.85 2.24 7.47	51.60 2.02 0.75	47.05 2.45 0.00	43.77 2.44 0.00
STURGEON_POOL_HYD 23609	41.86 1.76 0.00	39.65 1.38 0.00	38.85 1.39 0.00	38.41 1.33 0.00	39.17 1.25 0.00	42.29 1.55 0.00	55.85 1.94 0.00	66.46 2.37 0.00	74.35 2.72 0.00	63.58 2.45 0.00	64.82 2.49 0.00	62.39 2.46 0.00	60.21 2.65 0.00	60.20 2.81 0.00	57.00 2.87 0.00	60.30 2.76 0.00	62.47 2.92 0.00	70.64 3.36 0.00	77.65 3.77 0.00	70.48 3.16 0.00	61.96 2.89 0.00	52.91 2.57 0.00	46.88 2.27 0.00	43.28 1.94 0.00

ST_LAW_115_BK7_LBMP 345037	40.30 0.20 0.00	38.50 0.23 0.00	37.73 0.26 0.00	37.26 0.19 0.00	38.19 0.27 0.00	41.03 0.29 0.00	54.39 0.48 0.00	64.54 0.45 0.00	72.06 0.43 0.00	61.50 0.37 0.00	62.68 0.38 0.02	58.15 0.48 2.26	55.50 0.46 2.52	57.59 0.23 0.02	54.18 0.05 0.00	57.54 0.00 0.00	59.55 0.00 0.00	67.14 -0.13 0.00	73.59 -0.29 0.00	67.18 -0.13 0.00	58.95 -0.12 0.00	50.34 0.00 0.00	44.74 0.13 0.00	41.42 0.08 0.00
ST_LAW_115_BK8_LBMP 345038	40.30 0.20 0.00	38.50 0.23 0.00	37.73 0.26 0.00	37.26 0.19 0.00	38.19 0.27 0.00	41.03 0.29 0.00	54.39 0.48 0.00	64.54 0.45 0.00	72.06 0.43 0.00	61.50 0.37 0.00	62.68 0.38 0.02	58.15 0.48 2.26	55.50 0.46 2.52	57.59 0.23 0.02	54.18 0.05 0.00	57.54 0.00 0.00	59.55 0.00 0.00	67.14 -0.13 0.00	73.59 -0.29 0.00	67.18 -0.13 0.00	58.95 -0.12 0.00	50.34 0.00 0.00	44.74 0.13 0.00	41.42 0.08 0.00
ST_LAW_230_BK5_LBMP 345035	40.30 0.20 0.00	38.46 0.19 0.00	37.69 0.23 0.00	37.22 0.15 0.00	38.15 0.23 0.00	40.99 0.25 0.00	54.29 0.38 0.00	64.41 0.32 0.00	71.99 0.36 0.00	61.44 0.31 0.00	62.63 0.31 0.01	58.93 0.36 1.36	56.39 0.35 1.52	57.54 0.17 0.01	54.13 0.00 0.00	57.48 -0.06 0.00	59.49 -0.06 0.00	67.07 -0.20 0.00	73.59 -0.29 0.00	67.11 -0.20 0.00	58.89 -0.18 0.00	50.34 0.00 0.00	44.69 0.09 0.00	41.38 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	40.30 0.20 0.00	38.46 0.19 0.00	37.69 0.23 0.00	37.22 0.15 0.00	38.15 0.23 0.00	40.99 0.25 0.00	54.29 0.38 0.00	64.41 0.32 0.00	71.99 0.36 0.00	61.44 0.31 0.00	62.63 0.31 0.01	58.93 0.36 1.36	56.39 0.35 1.52	57.54 0.17 0.01	54.13 0.00 0.00	57.48 -0.06 0.00	59.49 -0.06 0.00	67.07 -0.20 0.00	73.59 -0.29 0.00	67.11 -0.20 0.00	58.89 -0.18 0.00	50.34 0.00 0.00	44.69 0.09 0.00	41.38 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.02 1.92 0.00	39.80 1.53 0.00	38.96 1.50 0.00	38.48 1.41 0.00	39.28 1.37 0.00	42.45 1.71 0.00	56.06 2.16 0.00	66.65 2.56 0.00	74.71 3.08 0.00	63.95 2.81 0.00	65.26 2.93 0.00	62.87 2.94 0.00	60.73 3.17 0.00	60.71 3.33 0.00	57.48 3.36 0.00	60.76 3.22 0.00	63.00 3.45 0.00	71.24 3.97 0.00	78.24 4.36 0.00	70.95 3.63 0.00	62.38 3.31 0.00	53.31 2.97 0.00	47.23 2.63 0.00	43.61 2.27 0.00
SWANROAD_115KV_TB1 355699	38.13 -1.96 0.00	37.69 -0.57 0.00	36.30 -1.16 0.00	36.33 -0.74 0.00	36.70 -1.21 0.00	38.50 -2.24 0.00	49.06 -4.85 0.00	58.26 -5.83 0.00	64.59 -7.02 0.02	54.69 -6.42 0.02	56.20 -6.11 0.02	53.50 -6.41 0.02	51.10 -6.45 0.02	51.22 -6.14 0.02	48.32 -5.79 0.02	51.02 -6.50 0.02	44.92 -7.32 7.30	55.86 -8.75 2.66	65.83 -8.05 0.00	59.68 -7.61 0.02	49.50 -7.44 2.13	44.33 -5.99 0.02	40.77 -3.84 0.00	39.35 -1.98 0.00
SYNERGY___BIOGAS 323694	39.26 -0.84 0.00	38.57 0.31 0.00	37.24 -0.22 0.00	37.18 0.11 0.00	37.69 -0.23 0.00	39.68 -1.06 0.00	51.48 -2.43 0.00	61.33 -2.76 0.00	68.25 -3.37 0.02	57.94 -3.18 0.02	59.44 -2.87 0.02	56.74 -3.18 0.02	54.15 -3.40 0.02	54.15 -3.21 0.02	51.03 -3.09 0.02	53.95 -3.57 0.02	50.22 -4.05 5.28	60.89 -4.84 1.54	69.96 -3.92 0.00	63.46 -3.84 0.02	53.76 -4.08 1.23	46.95 -3.37 0.02	42.64 -1.96 0.00	40.63 -0.70 0.00
SYRACUSE___ENERGY_ST1 323597	39.74 -0.36 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.42 -0.49 0.00	63.58 -0.51 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.38 -0.19 -1.24	60.94 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.73 -0.22 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.80 -0.47 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.04 -0.29 0.00
SYRACUSE___ENERGY_ST2 323598	39.74 -0.36 0.00	37.96 -0.31 0.00	37.13 -0.34 0.00	36.77 -0.30 0.00	37.58 -0.34 0.00	40.34 -0.41 0.00	53.42 -0.49 0.00	63.58 -0.51 0.00	71.35 -0.29 0.00	61.51 -0.24 -0.62	63.38 -0.19 -1.24	60.94 -0.18 -1.19	58.38 -0.29 -1.10	58.25 -0.23 -1.10	54.73 -0.22 -0.82	58.09 -0.29 -0.83	59.19 -0.36 0.00	66.80 -0.47 0.00	73.51 -0.37 0.00	66.98 -0.34 0.00	58.71 -0.35 0.00	49.94 -0.40 0.00	44.25 -0.36 0.00	41.04 -0.29 0.00
SYRACUSE___POWER 24017	39.70 -0.40 0.00	37.92 -0.34 0.00	37.09 -0.37 0.00	36.74 -0.33 0.00	37.54 -0.38 0.00	40.30 -0.45 0.00	53.32 -0.59 0.00	63.51 -0.58 0.00	71.28 -0.36 0.00	60.77 -0.37 0.00	62.02 -0.31 0.00	59.64 -0.30 0.00	57.17 -0.40 0.00	57.04 -0.34 0.00	53.86 -0.27 0.00	57.20 -0.35 0.00	60.16 -0.42 -1.02	66.74 -0.54 -0.01	73.44 -0.44 0.00	66.98 -0.34 0.00	58.66 -0.41 0.00	49.89 -0.45 0.00	44.20 -0.40 0.00	41.00 -0.33 0.00
TALLMAN__138KV_BK151 55660	42.14 2.05 0.00	39.88 1.61 0.00	39.04 1.57 0.00	38.55 1.48 0.00	39.40 1.48 0.00	42.58 1.83 0.00	56.23 2.32 0.00	66.84 2.76 0.00	75.00 3.37 0.00	64.25 3.12 0.00	65.57 3.24 0.00	63.23 3.30 0.00	61.08 3.51 0.00	61.06 3.67 0.00	57.81 3.68 0.00	61.11 3.57 0.00	63.36 3.81 0.00	71.58 4.31 0.00	78.61 4.73 0.00	71.28 3.97 0.00	62.73 3.66 0.00	53.61 3.27 0.00	47.46 2.85 0.00	43.81 2.48 0.00
TEALLAVE_115KV_TB7 355573	39.54 -0.56 0.00	37.81 -0.46 0.00	36.94 -0.52 0.00	36.59 -0.48 0.00	37.39 -0.53 0.00	40.13 -0.61 0.00	53.10 -0.81 0.00	63.26 -0.83 0.00	70.99 -0.64 0.00	60.52 -0.61 0.00	61.77 -0.56 0.00	59.39 -0.54 0.00	56.93 -0.63 0.00	56.81 -0.57 0.00	53.64 -0.49 0.00	56.91 -0.63 0.00	58.84 -0.71 0.00	66.40 -0.87 0.00	73.07 -0.81 0.00	66.57 -0.74 0.00	58.36 -0.71 0.00	49.63 -0.70 0.00	43.98 -0.62 0.00	40.84 -0.50 0.00
TELGRAPH_34_KV_EAST 80808	38.73 -1.36 0.00	38.15 -0.11 0.00	36.79 -0.67 0.00	36.77 -0.30 0.00	37.20 -0.72 0.00	39.11 -1.63 0.00	50.46 -3.45 0.00	60.05 -4.04 0.00	66.67 -4.94 0.02	56.59 -4.52 0.02	58.07 -4.24 0.02	55.36 -4.55 0.02	52.88 -4.66 0.02	52.95 -4.42 0.02	49.89 -4.22 0.02	52.74 -4.78 0.02	48.02 -5.42 6.11	58.81 -6.46 2.00	68.19 -5.69 0.00	61.84 -5.45 0.02	51.91 -5.55 1.60	45.84 -4.48 0.02	41.84 -2.77 0.00	40.01 -1.32 0.00
TEMPLE___115KV_TB 2 55572	39.54 -0.56 0.00	37.81 -0.46 0.00	36.98 -0.49 0.00	36.63 -0.44 0.00	37.42 -0.49 0.00	40.17 -0.57 0.00	53.15 -0.75 0.00	63.32 -0.77 0.00	70.99 -0.64 0.00	60.52 -0.61 0.00	61.83 -0.50 0.00	59.45 -0.48 0.00	56.99 -0.58 0.00	56.87 -0.52 0.00	53.70 -0.43 0.00	56.96 -0.58 0.00	58.89 -0.66 0.00	66.47 -0.81 0.00	73.14 -0.74 0.00	66.64 -0.67 0.00	58.42 -0.65 0.00	49.68 -0.65 0.00	44.02 -0.58 0.00	40.88 -0.45 0.00
TIANA____69_KV_BK 1 55817	41.50 1.40 0.00	37.33 0.50 1.44	37.17 0.41 0.71	37.59 0.52 0.00	38.49 0.57 0.00	42.09 1.34 0.00	46.36 0.43 7.98	47.87 0.51 16.73	43.61 0.79 28.81	52.66 1.16 9.64	51.22 1.50 12.60	49.81 1.62 11.75	43.80 1.55 15.32	49.92 1.78 9.24	47.65 1.89 8.37	44.74 1.96 14.75	54.90 2.14 6.79	58.80 2.56 11.03	66.90 3.03 10.01	49.36 2.02 19.97	54.28 1.83 6.62	51.21 1.61 0.74	46.43 1.83 0.00	43.36 2.03 0.00

TILDEN___115KV_TB1 80814	39.70 -0.40 0.00	37.92 -0.34 0.00	37.09 -0.37 0.00	36.74 -0.33 0.00	37.54 -0.38 0.00	40.30 -0.45 0.00	53.32 -0.59 0.00	63.51 -0.58 0.00	71.28 -0.36 0.00	60.77 -0.37 0.00	62.02 -0.31 0.00	59.64 -0.30 0.00	57.17 -0.40 0.00	57.04 -0.34 0.00	53.86 -0.27 0.00	57.20 -0.35 0.00	60.16 -0.42 -1.02	66.74 -0.54 -0.01	73.44 -0.44 0.00	66.98 -0.34 0.00	58.66 -0.41 0.00	49.89 -0.45 0.00	44.20 -0.40 0.00	41.00 -0.33 0.00
TRIGEN___CC 323695	42.12 2.00 -0.01	39.65 1.38 0.00	38.74 1.27 0.00	38.29 1.22 0.00	39.13 1.21 0.00	42.50 1.75 0.00	54.93 1.67 0.65	63.10 1.99 2.98	69.35 2.58 4.86	61.40 2.51 2.24	65.40 3.05 -0.02	64.41 3.24 -1.25	58.38 3.17 2.35	61.27 3.39 -0.50	57.42 3.41 0.12	60.52 3.22 0.24	62.40 3.39 0.55	71.20 3.90 -0.02	78.41 4.51 -0.02	70.97 3.63 -0.02	62.19 3.13 0.01	53.31 2.92 -0.05	47.48 2.85 -0.02	44.17 2.81 -0.02
TRINITY___115KV___4 BK 55933	40.42 0.32 0.00	38.54 0.27 0.00	37.77 0.30 0.00	37.37 0.30 0.00	38.22 0.30 0.00	41.07 0.33 0.00	54.02 0.11 0.00	64.15 0.06 0.00	71.70 0.07 0.00	61.32 0.18 0.00	62.33 0.00 0.00	59.81 -0.12 0.00	57.56 0.00 0.00	57.44 0.06 0.00	54.40 0.27 0.00	58.06 0.52 0.00	60.03 0.48 0.00	68.08 0.81 0.00	74.69 0.81 0.00	67.92 0.61 0.00	59.78 0.71 0.00	50.89 0.55 0.00	44.91 0.31 0.00	41.58 0.25 0.00
UNION___PROCESSING_DRP 323587	39.14 -0.96 0.00	38.00 -0.27 0.00	36.87 -0.60 0.00	36.66 -0.41 0.00	37.35 -0.57 0.00	39.64 -1.10 0.00	52.13 -1.78 0.00	62.23 -1.86 0.00	69.54 -2.08 0.01	59.04 -2.08 0.01	60.51 -1.81 0.01	57.88 -2.04 0.01	55.36 -2.19 0.01	55.30 -2.07 0.01	52.06 -2.06 0.01	55.11 -2.42 0.01	54.97 -2.74 1.84	64.47 -3.16 -0.36	71.37 -2.51 0.00	64.67 -2.63 0.01	56.64 -2.72 -0.28	48.06 -2.27 0.01	43.17 -1.43 0.00	40.47 -0.87 0.00
UPPER HUDSON___HYD 24058	41.34 1.24 0.00	39.42 1.15 0.00	38.55 1.09 0.00	38.11 1.04 0.00	39.05 1.14 0.00	42.01 1.26 0.00	55.31 1.72 0.00	66.14 2.05 0.00	73.21 1.57 0.00	62.36 1.22 0.00	63.89 1.56 0.00	61.25 1.32 0.00	58.78 1.21 0.00	58.76 1.37 0.00	55.37 1.25 0.00	59.15 1.61 0.00	61.28 1.73 0.00	69.49 2.22 0.00	75.95 2.07 0.00	69.06 1.75 0.00	61.08 2.01 0.00	51.90 1.56 0.00	45.90 1.29 0.00	42.45 1.12 0.00
UPPER RAQUET___HYD 24056	41.30 1.20 0.00	39.49 1.22 0.00	38.66 1.20 0.00	38.18 1.11 0.00	39.17 1.25 0.00	42.13 1.39 0.00	55.63 1.72 0.00	66.01 1.92 0.00	73.78 2.15 0.00	63.21 2.08 0.00	64.72 2.24 -0.15	78.04 2.22 -15.89	77.30 2.01 -17.72	59.25 1.72 -0.15	55.37 1.25 0.00	58.86 1.32 0.00	60.50 0.95 0.00	67.61 0.34 0.00	74.18 0.30 0.00	67.99 0.67 0.00	59.54 0.47 0.00	51.35 1.01 0.00	45.81 1.20 0.00	42.29 0.95 0.00
VALLEY44_115KV_TB2 355964	37.89 -2.21 0.00	37.20 -1.07 0.00	35.97 -1.50 0.00	35.92 -1.15 0.00	36.25 -1.67 0.00	38.42 -2.32 0.00	50.30 -3.61 0.00	59.47 -4.61 0.00	65.80 -5.80 0.03	57.50 -3.61 0.03	58.25 -4.05 0.03	56.31 -3.60 0.03	54.14 -3.40 0.03	54.14 -3.21 0.03	51.40 -2.71 0.03	54.98 -2.53 0.03	48.14 -2.68 8.73	60.06 -4.10 3.11	68.93 -4.95 0.00	63.25 -4.04 0.03	52.75 -3.84 2.48	46.59 -3.73 0.03	41.17 -3.43 0.00	39.39 -1.94 0.00
VALLEY___115KV_TB 1-4 80826	40.74 0.64 0.00	38.84 0.57 0.00	37.99 0.52 0.00	37.59 0.52 0.00	38.45 0.53 0.00	41.31 0.57 0.00	54.50 0.59 0.00	64.73 0.64 0.00	72.35 0.72 0.00	61.74 0.61 0.00	63.01 0.69 0.00	60.53 0.60 0.00	58.08 0.52 0.00	57.96 0.57 0.00	54.62 0.49 0.00	58.06 0.52 0.00	60.09 0.54 0.00	67.68 0.40 0.00	74.54 0.66 0.00	67.92 0.61 0.00	59.54 0.47 0.00	50.79 0.45 0.00	44.96 0.36 0.00	41.66 0.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.66 1.56 0.00	39.72 1.45 0.00	38.93 1.46 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.37 1.63 0.00	55.90 1.99 0.00	66.65 2.56 0.00	74.86 3.22 0.00	64.07 2.93 0.00	65.39 3.05 0.00	62.99 3.06 0.00	60.45 2.88 0.00	60.43 3.04 0.00	56.84 2.71 0.00	60.42 2.88 0.00	63.57 2.86 -1.17	70.17 2.89 -0.01	77.35 3.47 0.00	70.55 3.23 0.00	61.79 2.72 0.00	52.71 2.37 0.00	46.65 2.05 0.00	43.11 1.78 0.00
VISCHER___FERRY HYD 24020	41.30 1.20 0.00	39.30 1.03 0.00	38.48 1.01 0.00	38.11 1.04 0.00	39.02 1.10 0.00	41.93 1.18 0.00	55.20 1.29 0.00	65.82 1.73 0.00	73.21 1.57 0.00	62.60 1.46 0.00	63.76 1.43 0.00	61.01 1.08 0.00	58.66 1.09 0.00	58.53 1.15 0.00	55.37 1.25 0.00	59.26 1.72 0.00	61.40 1.85 0.00	69.69 2.42 0.00	76.31 2.43 0.00	69.40 2.09 0.00	61.14 2.07 0.00	52.00 1.66 0.00	45.72 1.12 0.00	42.41 1.07 0.00
V_A_10_SYNC_DSASP 323832	38.17 -1.92 0.00	37.58 -0.69 0.00	36.27 -1.20 0.00	36.26 -0.82 0.00	36.70 -1.21 0.00	38.62 -2.12 0.00	50.13 -3.77 0.00	59.73 -4.36 0.00	66.38 -5.23 0.02	55.86 -5.26 0.02	57.45 -4.86 0.02	54.64 -5.27 0.02	52.14 -5.41 0.02	52.26 -5.11 0.02	49.24 -4.87 0.02	51.88 -5.64 0.02	46.32 -6.19 7.04	57.22 -7.27 2.79	67.53 -6.35 0.00	61.10 -6.19 0.02	50.76 -6.08 2.23	45.44 -4.88 0.02	41.52 -3.08 0.00	39.39 -1.94 0.00
V_CMM_10_SYNC_DSASP 323787	40.50 0.40 0.00	38.69 0.42 0.00	37.88 0.41 0.00	37.40 0.33 0.00	38.37 0.46 0.00	41.19 0.45 0.00	54.77 0.86 0.00	65.05 0.96 0.00	72.64 1.00 0.00	61.99 0.86 0.00	63.18 0.87 0.02	58.63 0.96 2.26	56.02 0.98 2.52	58.11 0.75 0.02	54.56 0.43 0.00	58.00 0.46 0.00	60.03 0.48 0.00	67.68 0.40 0.00	74.03 0.15 0.00	67.65 0.34 0.00	59.36 0.30 0.00	50.64 0.30 0.00	44.91 0.31 0.00	41.54 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	41.06 0.96 0.00	39.23 0.96 0.00	38.44 0.97 0.00	37.92 0.85 0.00	38.90 0.98 0.00	41.48 0.73 0.00	54.29 0.38 0.00	64.09 0.00 0.00	71.78 0.14 0.00	61.19 0.06 0.00	62.33 0.00 0.00	59.99 0.06 0.00	57.56 0.00 0.00	56.99 -0.40 0.00	53.75 -0.38 0.00	56.73 -0.81 0.00	58.66 -0.89 0.00	66.06 -1.21 0.00	72.25 -1.63 0.00	65.97 -1.35 0.00	58.18 -0.88 0.00	50.19 -0.15 0.00	44.83 0.22 0.00	41.42 0.08 0.00
V_D_10_SYNC_DSASP 323841	40.86 0.76 0.00	39.07 0.80 0.00	38.25 0.79 0.00	37.77 0.70 0.00	38.72 0.80 0.00	41.60 0.86 0.00	55.20 1.29 0.00	65.44 1.35 0.00	73.21 1.57 0.00	62.48 1.34 0.00	63.96 1.37 -0.26	88.68 1.44 -27.31	89.40 1.38 -30.45	58.79 1.15 -0.26	54.94 0.81 0.00	58.40 0.86 0.00	60.32 0.77 0.00	67.95 0.67 0.00	74.47 0.59 0.00	68.12 0.81 0.00	59.72 0.65 0.00	51.04 0.70 0.00	45.36 0.76 0.00	41.99 0.66 0.00
V_E_10_SYNC_DSASP 323830	42.30 2.20 0.00	40.53 2.26 0.00	39.60 2.13 0.00	39.30 2.22 0.00	40.08 2.16 0.00	43.27 2.53 0.00	57.31 3.40 0.00	68.25 4.16 0.00	76.82 5.16 -0.03	65.26 4.10 -0.03	66.65 4.30 -0.03	64.28 4.32 -0.03	61.22 3.63 -0.03	61.20 3.79 -0.03	57.19 3.03 -0.03	61.14 3.57 -0.03	70.62 3.87 -7.20	71.42 4.10 -0.04	78.75 4.87 0.00	72.12 4.78 -0.03	63.00 3.90 -0.03	53.44 3.07 -0.03	47.19 2.59 0.00	43.65 2.31 0.00

V_F_30_NSYNC___DSASP 323816	41.66 1.56 0.00	39.69 1.42 0.00	38.85 1.39 0.00	38.44 1.37 0.00	39.36 1.44 0.00	42.33 1.59 0.00	55.74 1.83 0.00	66.52 2.43 0.00	74.07 2.44 0.00	63.15 2.01 0.00	64.51 2.18 0.00	61.85 1.92 0.00	59.35 1.79 0.00	59.27 1.89 0.00	55.97 1.84 0.00	59.78 2.24 0.00	61.93 2.38 0.00	70.23 2.96 0.00	76.84 2.96 0.00	69.87 2.56 0.00	61.61 2.54 0.00	52.40 2.06 0.00	46.21 1.60 0.00	42.82 1.49 0.00
V_F_30_SYNC_DSASP 323786	40.62 0.52 0.00	38.77 0.50 0.00	37.99 0.52 0.00	37.59 0.52 0.00	38.45 0.53 0.00	41.31 0.57 0.00	54.34 0.43 0.00	64.54 0.45 0.00	72.13 0.50 0.00	61.74 0.61 0.00	62.83 0.50 0.00	60.29 0.36 0.00	57.97 0.40 0.00	57.84 0.46 0.00	54.78 0.65 0.00	58.46 0.92 0.00	60.44 0.89 0.00	68.55 1.28 0.00	75.14 1.26 0.00	68.32 1.01 0.00	60.13 1.06 0.00	51.14 0.81 0.00	45.14 0.54 0.00	41.79 0.45 0.00
V_XM_10_SYNC_DSASP 323789	41.06 0.96 0.00	39.23 0.96 0.00	38.44 0.97 0.00	37.92 0.85 0.00	38.90 0.98 0.00	41.48 0.73 0.00	54.29 0.38 0.00	64.09 0.00 0.00	71.78 0.14 0.00	61.19 0.06 0.00	62.33 0.00 0.00	59.99 0.06 0.00	57.56 0.00 0.00	56.99 -0.40 0.00	53.75 -0.38 0.00	56.73 -0.81 0.00	58.66 -0.89 0.00	66.06 -1.21 0.00	72.25 -1.63 0.00	65.97 -1.35 0.00	58.18 -0.88 0.00	50.19 -0.15 0.00	44.83 0.22 0.00	41.42 0.08 0.00
W.BABYLN_69_KV_BK1 56697	42.55 2.45 0.00	39.87 1.72 0.12	39.02 1.61 0.06	38.59 1.52 0.00	39.47 1.55 0.00	42.94 2.20 0.00	53.19 2.05 2.77	55.33 2.31 11.07	56.29 2.87 18.21	55.30 2.26 8.09	64.61 3.30 1.02	57.79 3.54 5.68	52.07 3.40 8.89	58.42 3.62 2.58	56.69 3.63 1.06	59.14 3.57 1.97	60.98 3.75 2.33	70.69 4.31 0.89	78.09 5.02 0.81	69.73 4.04 1.62	62.00 3.49 0.55	52.93 3.02 0.43	47.90 3.30 0.00	44.68 3.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.30 2.21 0.00	40.03 1.76 0.00	39.19 1.72 0.00	38.70 1.63 0.00	39.51 1.59 0.00	42.74 2.00 0.00	56.44 2.53 0.00	67.16 3.08 0.00	75.29 3.65 0.00	64.50 3.36 0.00	65.82 3.49 0.00	63.47 3.54 0.00	61.31 3.74 0.00	61.29 3.90 0.00	58.03 3.90 0.00	61.34 3.80 0.00	63.60 4.05 0.00	71.85 4.57 0.00	78.90 5.02 0.00	71.55 4.24 0.00	62.91 3.84 0.00	53.81 3.47 0.00	47.64 3.03 0.00	43.94 2.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.62 2.53 0.00	40.30 2.03 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.74 1.82 0.00	42.94 2.20 0.00	56.77 2.86 0.00	67.42 3.33 0.00	75.72 4.08 0.00	64.92 3.79 0.00	66.32 3.99 0.00	64.01 4.08 0.00	61.88 4.32 0.00	61.92 4.53 0.00	58.62 4.49 0.00	61.91 4.37 0.00	64.13 4.59 0.00	72.39 5.11 0.00	79.42 5.54 0.00	71.96 4.64 0.00	63.32 4.25 0.00	54.22 3.88 0.00	48.04 3.43 0.00	44.31 2.98 0.00
W50THST__13_KV_LOAD 356117	42.78 2.69 0.00	40.49 2.22 0.00	39.53 2.06 0.00	39.07 2.00 0.00	39.89 1.97 0.00	43.15 2.40 0.00	57.03 3.13 0.00	67.74 3.65 0.00	76.07 4.44 0.00	65.29 4.16 0.00	66.69 4.36 0.00	64.37 4.43 0.00	62.29 4.72 0.00	62.26 4.88 0.00	59.00 4.87 0.00	62.26 4.72 0.00	64.49 4.94 0.00	72.79 5.52 0.00	79.79 5.91 0.00	72.23 4.91 0.00	63.62 4.55 0.00	54.47 4.13 0.00	48.26 3.66 0.00	44.52 3.18 0.00
WADING RIVER_IC_1 23522	41.22 1.12 0.00	37.02 0.19 1.44	36.79 0.04 0.71	37.33 0.26 0.00	38.22 0.30 0.00	41.19 0.45 0.00	45.91 0.00 8.00	47.40 0.06 16.75	43.29 0.50 28.85	52.35 0.86 9.64	50.68 0.99 12.64	49.54 1.38 11.77	43.48 1.26 15.35	49.67 1.55 9.27	47.25 1.51 8.40	44.53 1.79 14.80	54.71 1.96 6.81	58.50 2.29 11.06	66.35 2.51 10.04	49.37 2.09 20.03	54.20 1.77 6.64	50.86 1.26 0.74	46.16 1.56 0.00	42.98 1.66 0.00
WADING RIVER_IC_2 23547	41.22 1.12 0.00	37.02 0.19 1.44	36.79 0.04 0.71	37.33 0.26 0.00	38.22 0.30 0.00	41.19 0.45 0.00	45.91 0.00 8.00	47.40 0.06 16.75	43.29 0.50 28.85	52.35 0.86 9.64	50.68 0.99 12.64	49.54 1.38 11.77	43.48 1.26 15.35	49.67 1.55 9.27	47.25 1.51 8.40	44.53 1.79 14.80	54.71 1.96 6.81	58.50 2.29 11.06	66.35 2.51 10.04	49.37 2.09 20.03	54.20 1.77 6.64	50.86 1.26 0.74	46.16 1.56 0.00	42.98 1.66 0.00
WADING RIVER_IC_3 23601	41.22 1.12 0.00	37.02 0.19 1.44	36.79 0.04 0.71	37.33 0.26 0.00	38.22 0.30 0.00	41.19 0.45 0.00	45.91 0.00 8.00	47.40 0.06 16.75	43.29 0.50 28.85	52.35 0.86 9.64	50.68 0.99 12.64	49.54 1.38 11.77	43.48 1.26 15.35	49.67 1.55 9.27	47.25 1.51 8.40	44.53 1.79 14.80	54.71 1.96 6.81	58.50 2.29 11.06	66.35 2.51 10.04	49.37 2.09 20.03	54.20 1.77 6.64	50.86 1.26 0.74	46.16 1.56 0.00	42.98 1.66 0.00
WALDENNY_12_KV_BK2 80841	38.41 -1.68 0.00	37.89 -0.38 0.00	36.53 -0.94 0.00	36.55 -0.52 0.00	36.86 -1.06 0.00	38.79 -1.96 0.00	50.24 -3.67 0.00	59.67 -4.42 0.00	66.16 -5.44 0.02	56.52 -4.58 0.02	57.94 -4.36 0.02	55.35 -4.55 0.02	52.99 -4.55 0.02	53.11 -4.25 0.02	50.15 -3.95 0.02	53.14 -4.37 0.02	46.07 -4.94 8.54	57.84 -6.19 3.24	67.97 -5.91 0.00	61.90 -5.38 0.02	51.10 -5.38 2.59	45.83 -4.48 0.02	41.57 -3.03 0.00	39.76 -1.57 0.00
WALDEN__HYDRO 24148	42.14 2.05 0.00	39.91 1.65 0.00	39.08 1.61 0.00	38.59 1.52 0.00	39.40 1.48 0.00	42.58 1.83 0.00	56.23 2.32 0.00	66.91 2.82 0.00	74.93 3.30 0.00	64.13 3.00 0.00	65.38 3.05 0.00	62.99 3.06 0.00	60.79 3.22 0.00	60.83 3.44 0.00	57.59 3.46 0.00	60.88 3.34 0.00	63.12 3.57 0.00	71.38 4.10 0.00	78.39 4.51 0.00	71.08 3.77 0.00	62.55 3.49 0.00	53.46 3.12 0.00	47.32 2.72 0.00	43.69 2.36 0.00
WARRENSBURG____ 23737	41.34 1.24 0.00	39.42 1.15 0.00	38.55 1.09 0.00	38.11 1.04 0.00	39.06 1.14 0.00	42.05 1.30 0.00	55.36 1.46 0.00	65.88 1.79 0.00	73.14 1.50 0.00	62.36 1.22 0.00	63.76 1.43 0.00	61.13 1.20 0.00	58.60 1.04 0.00	58.59 1.21 0.00	55.32 1.19 0.00	59.09 1.55 0.00	61.16 1.61 0.00	69.43 2.15 0.00	75.95 2.07 0.00	69.06 1.75 0.00	61.02 1.95 0.00	51.85 1.51 0.00	45.94 1.34 0.00	42.49 1.16 0.00
WATERSIDE____6 8 9 23538	42.74 2.65 0.00	40.45 2.18 0.00	39.41 1.95 0.00	38.92 1.85 0.00	39.74 1.82 0.00	42.94 2.20 0.00	56.60 2.70 0.00	66.91 2.82 0.00	75.14 3.51 0.00	64.43 3.30 0.00	65.76 3.43 0.00	63.53 3.60 0.00	61.48 3.91 0.00	61.46 4.07 0.00	58.24 4.11 0.00	61.39 3.86 0.00	63.66 4.11 0.00	71.85 4.57 0.00	78.83 4.95 0.00	71.42 4.11 0.00	62.85 3.78 0.00	54.01 3.67 0.00	48.08 3.48 0.00	44.35 3.02 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.58 0.48 0.00	38.69 0.42 0.00	37.88 0.41 0.00	37.48 0.41 0.00	38.33 0.42 0.00	41.19 0.45 0.00	54.39 0.49 0.00	64.60 0.51 0.00	72.21 0.57 0.00	61.62 0.49 0.00	62.89 0.56 0.00	60.41 0.48 0.00	57.97 0.40 0.00	57.84 0.46 0.00	54.56 0.43 0.00	58.00 0.46 0.00	60.03 0.48 0.00	67.74 0.47 0.00	74.54 0.66 0.00	67.92 0.61 0.00	59.54 0.47 0.00	50.79 0.45 0.00	44.96 0.36 0.00	41.66 0.33 0.00

WDELAWARE___HYD 323627	42.34 2.24 0.00	40.14 1.87 0.00	39.26 1.80 0.00	38.89 1.82 0.00	39.66 1.75 0.00	42.74 2.00 0.00	56.60 2.69 0.00	67.48 3.39 0.00	75.57 3.94 0.00	64.43 3.30 0.00	65.82 3.49 0.00	63.41 3.47 0.00	61.13 3.57 0.00	61.11 3.73 0.00	57.70 3.57 0.00	61.17 3.63 0.00	63.42 3.87 0.00	71.58 4.31 0.00	78.61 4.73 0.00	71.42 4.11 0.00	62.85 3.78 0.00	53.56 3.22 0.00	47.41 2.81 0.00	43.73 2.40 0.00
WEST BABYLON___IC 23714	42.55 2.45 0.00	39.87 1.72 0.12	39.02 1.61 0.06	38.59 1.52 0.00	39.47 1.55 0.00	42.94 2.20 0.00	53.19 2.05 2.77	55.33 2.31 11.07	56.29 2.87 18.21	55.30 2.26 8.09	64.61 3.30 1.02	57.79 3.54 5.68	52.07 3.40 8.89	58.42 3.62 2.58	56.69 3.63 1.06	59.14 3.57 1.97	60.98 3.75 2.33	70.69 4.31 0.89	78.09 5.02 0.81	69.73 4.04 1.62	62.00 3.49 0.55	52.93 3.02 0.43	47.90 3.30 0.00	44.68 3.35 0.00
WEST CANADA___HYD 24049	40.22 0.12 0.00	38.35 0.08 0.00	37.54 0.08 0.00	37.15 0.07 0.00	37.99 0.08 0.00	40.82 0.08 0.00	53.96 0.05 0.00	64.22 0.13 0.00	71.78 0.14 0.00	61.26 0.12 0.00	62.45 0.12 0.00	60.05 0.12 0.00	57.68 0.12 0.00	57.56 0.17 0.00	54.29 0.16 0.00	57.77 0.23 0.00	59.79 0.24 0.00	67.54 0.27 0.00	74.18 0.30 0.00	67.58 0.27 0.00	59.31 0.24 0.00	50.54 0.20 0.00	44.74 0.13 0.00	41.46 0.12 0.00
WESTERN_NY_WIND 24143	39.22 -0.88 0.00	38.54 0.27 0.00	37.20 -0.26 0.00	37.15 0.07 0.00	37.65 -0.27 0.00	39.64 -1.10 0.00	51.37 -2.53 0.00	61.20 -2.88 0.00	68.10 -3.51 0.02	57.75 -3.36 0.02	59.25 -3.05 0.02	56.56 -3.36 0.02	53.98 -3.57 0.02	53.98 -3.39 0.02	50.86 -3.25 0.02	53.84 -3.68 0.02	49.72 -4.23 5.60	60.51 -5.05 1.72	69.74 -4.14 0.00	63.25 -4.04 0.02	53.44 -4.25 1.38	46.80 -3.52 0.02	42.55 -2.05 0.00	40.59 -0.74 0.00
WESTOVER___LESR 323668	40.14 0.04 0.00	38.50 0.23 0.00	37.62 0.15 0.00	37.29 0.22 0.00	38.03 0.11 0.00	40.74 0.00 0.00	53.80 -0.11 0.00	63.96 -0.13 0.00	71.56 -0.07 0.00	61.19 0.06 0.00	62.33 0.00 0.00	59.93 0.00 0.00	57.51 -0.06 0.00	57.44 0.06 0.00	54.29 0.16 0.00	57.65 0.12 0.00	58.64 0.12 1.02	66.53 0.00 0.74	74.03 0.15 0.00	67.51 0.20 0.00	58.54 0.06 0.59	50.29 -0.05 0.00	44.56 -0.04 0.00	41.54 0.21 0.00
WETHRSFD_WT_PWR 323626	38.33 -1.76 0.00	37.58 -0.69 0.00	36.68 -0.79 0.00	36.29 -0.78 0.00	36.63 -1.29 0.00	39.11 -1.63 0.00	51.05 -2.86 0.00	59.54 -4.55 0.00	66.15 -5.45 0.03	56.15 -4.95 0.03	57.18 -5.11 0.03	54.62 -5.27 0.03	52.24 -5.29 0.03	52.24 -5.11 0.03	49.06 -5.03 0.03	52.21 -5.29 0.03	38.47 -5.60 15.48	54.11 -6.19 6.98	68.26 -5.62 0.00	62.37 -4.91 0.03	48.59 -4.90 5.58	46.28 -4.03 0.03	41.88 -2.72 0.00	39.81 -1.53 0.00
WHAVSTOR_138KV_BK127 55557	42.14 2.05 0.00	39.88 1.61 0.00	39.00 1.54 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.51 3.18 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.76 3.63 0.00	61.05 3.51 0.00	63.30 3.75 0.00	71.51 4.24 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.46 2.85 0.00	43.77 2.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.14 2.05 0.00	39.88 1.61 0.00	39.00 1.54 0.00	38.55 1.48 0.00	39.36 1.44 0.00	42.58 1.83 0.00	56.17 2.26 0.00	66.78 2.69 0.00	74.93 3.30 0.00	64.19 3.06 0.00	65.51 3.18 0.00	63.17 3.24 0.00	61.02 3.45 0.00	61.00 3.62 0.00	57.76 3.63 0.00	61.05 3.51 0.00	63.30 3.75 0.00	71.51 4.24 0.00	78.53 4.65 0.00	71.22 3.90 0.00	62.67 3.60 0.00	53.56 3.22 0.00	47.46 2.85 0.00	43.77 2.44 0.00
WHITEHAL_115KV_TB1 80871	41.74 1.64 0.00	39.80 1.53 0.00	38.93 1.46 0.00	38.44 1.37 0.00	39.40 1.48 0.00	42.50 1.75 0.00	55.96 2.05 0.00	66.65 2.56 0.00	74.00 2.36 0.00	62.97 1.83 0.00	64.32 1.99 0.00	61.73 1.80 0.00	59.12 1.55 0.00	59.11 1.72 0.00	55.70 1.57 0.00	59.55 2.01 0.00	61.69 2.14 0.00	70.17 2.89 0.00	76.69 2.81 0.00	69.80 2.49 0.00	61.67 2.60 0.00	52.35 2.01 0.00	46.30 1.69 0.00	42.78 1.45 0.00
WHITEPLN_13_KV_LOAD 356215	42.58 2.49 0.00	40.34 2.07 0.00	39.38 1.91 0.00	38.89 1.82 0.00	39.70 1.78 0.00	42.90 2.16 0.00	56.71 2.80 0.00	67.49 3.40 0.00	75.79 4.15 0.00	65.05 3.91 0.00	66.50 4.18 0.00	64.13 4.20 0.00	61.94 4.37 0.00	61.97 4.59 0.00	58.62 4.49 0.00	61.97 4.43 0.00	64.25 4.70 0.00	72.59 5.31 0.00	79.64 5.76 0.00	72.16 4.85 0.00	63.50 4.43 0.00	54.27 3.93 0.00	47.99 3.39 0.00	44.27 2.93 0.00
WM_FLOYD_69_KV_BK2 356380	41.58 1.48 0.00	37.46 0.61 1.42	37.33 0.56 0.70	37.66 0.59 0.00	38.56 0.64 0.00	42.09 1.34 0.00	46.47 0.49 7.92	48.01 0.58 16.65	43.98 1.00 28.66	52.75 1.22 9.61	51.42 1.56 12.47	50.01 1.74 11.66	44.06 1.73 15.24	50.12 1.89 9.16	47.90 2.06 8.29	44.89 1.96 14.60	54.96 2.14 6.74	58.92 2.56 10.91	67.00 3.03 9.91	49.71 2.15 19.76	54.41 1.89 6.55	51.37 1.76 0.73	46.65 2.05 0.00	43.52 2.19 0.00
WOODARD___115KV_TB2 355635	39.50 -0.60 0.00	37.77 -0.50 0.00	36.90 -0.56 0.00	36.55 -0.52 0.00	37.35 -0.57 0.00	40.09 -0.65 0.00	53.05 -0.86 0.00	63.19 -0.90 0.00	70.84 -0.79 0.00	60.81 -0.73 -0.41	62.53 -0.62 -0.83	60.13 -0.60 -0.79	57.61 -0.69 -0.74	57.48 -0.63 -0.73	54.08 -0.60 -0.55	57.41 -0.69 -0.56	58.72 -0.83 0.00	66.33 -0.94 0.00	72.99 -0.89 0.00	66.50 -0.81 0.00	58.30 -0.77 0.00	49.58 -0.76 0.00	43.93 -0.67 0.00	40.80 -0.54 0.00
WOODMERE_69_KV_BK1 55827	42.50 2.37 -0.04	40.03 1.76 0.00	39.11 1.65 0.00	38.63 1.56 0.00	39.47 1.55 0.00	42.86 2.12 0.00	55.78 2.16 0.28	65.38 2.56 1.27	72.72 3.15 2.07	63.23 3.06 0.96	66.12 3.74 -0.05	70.05 3.90 -6.22	60.36 3.80 1.00	63.85 4.02 -2.45	58.08 4.01 0.06	61.29 3.86 0.11	63.36 4.05 0.24	72.04 4.71 -0.05	79.33 5.39 -0.05	71.74 4.38 -0.05	62.84 3.78 0.01	54.18 3.47 -0.37	48.00 3.35 -0.05	44.65 3.27 -0.05
YORK___WARBASSE 23770	42.99 2.89 0.00	40.68 2.41 0.00	39.65 2.17 -0.01	39.15 2.08 -0.01	40.01 2.09 -0.01	43.24 2.49 -0.01	56.82 2.91 0.00	67.16 3.08 0.00	75.50 3.87 0.00	64.56 3.42 0.00	66.00 3.68 0.00	63.59 3.66 0.00	61.42 3.86 0.00	61.40 4.02 0.00	58.19 4.06 0.00	61.39 3.86 0.00	63.78 4.23 0.00	72.12 4.84 0.00	79.20 5.32 0.00	71.75 4.44 0.00	63.09 4.02 0.00	54.16 3.83 0.00	48.35 3.75 0.00	44.65 3.31 -0.01