

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/30/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	53.72	49.84	46.20	43.37	43.00	41.22	42.50	44.52	44.08	48.89	52.80	55.70	60.57	63.60	60.02	58.03	66.92	74.36	74.73	65.82	55.17	50.33	46.55	45.42
24138	2.66	2.19	2.16	2.10	2.13	2.07	2.10	2.36	2.77	3.24	3.50	3.79	4.59	4.87	4.34	4.15	5.07	5.44	5.54	4.99	3.85	3.64	3.09	3.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.82	49.93	46.29	43.45	43.12	41.30	42.58	44.65	44.12	48.98	52.94	55.85	60.64	63.62	60.13	58.19	66.98	74.50	74.87	65.89	55.33	50.42	46.68	45.59
24260	2.76	2.29	2.25	2.19	2.25	2.15	2.18	2.49	2.81	3.33	3.65	3.95	4.65	4.87	4.45	4.31	5.13	5.58	5.67	5.05	4.00	3.74	3.22	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	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	53.82	49.93	46.29	43.45	43.12	41.30	42.58	44.65	44.12	48.98	52.94	55.85	60.64	63.62	60.13	58.19	66.98	74.50	74.87	65.89	55.33	50.42	46.68	45.59
24261	2.76	2.29	2.25	2.19	2.25	2.15	2.18	2.49	2.81	3.33	3.65	3.95	4.65	4.87	4.45	4.31	5.13	5.58	5.67	5.05	4.00	3.74	3.22	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	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	54.69	51.07	47.12	44.07	43.73	41.96	43.23	45.28	44.58	49.67	53.88	56.63	60.90	63.90	60.47	58.62	67.48	74.57	74.87	65.76	55.22	50.24	46.68	45.68
24011	3.63	3.43	3.08	2.81	2.86	2.82	2.83	3.12	3.26	4.02	4.58	4.72	4.93	5.17	4.79	4.74	5.63	5.65	5.67	4.93	3.90	3.55	3.22	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.95	51.36	47.34	44.28	43.94	42.16	43.43	45.49	44.78	49.94	54.23	56.94	61.24	64.19	60.75	58.89	67.85	74.98	75.29	66.13	55.48	50.47	46.89	45.85
23798	3.88	3.72	3.30	3.01	3.07	3.01	3.03	3.33	3.47	4.29	4.93	5.03	5.26	5.46	5.07	5.01	6.00	6.07	6.09	5.29	4.16	3.78	3.43	3.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.69	51.07	47.12	44.07	43.73	41.96	43.23	45.28	44.58	49.67	53.88	56.63	60.90	63.90	60.47	58.62	67.48	74.57	74.87	65.76	55.22	50.24	46.68	45.68
24028	3.63	3.43	3.08	2.81	2.86	2.82	2.83	3.12	3.26	4.02	4.58	4.72	4.93	5.17	4.79	4.74	5.63	5.65	5.67	4.93	3.90	3.55	3.22	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.03	50.31	46.55	43.62	43.28	41.45	42.78	44.69	44.00	48.76	52.65	55.49	59.95	62.84	59.52	57.65	66.30	73.74	74.11	65.09	54.76	49.87	46.33	45.30
23527	2.96	2.67	2.51	2.35	2.41	2.31	2.38	2.53	2.68	3.11	3.35	3.58	3.97	4.11	3.84	3.77	4.46	4.82	4.91	4.26	3.44	3.18	2.87	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	52.29	48.79	45.23	42.38	42.02	40.20	41.41	43.30	42.59	47.20	50.97	53.67	57.82	60.67	57.46	55.66	63.89	70.91	71.13	62.72	52.91	48.23	44.81	43.85
24190	1.23	1.14	1.19	1.11	1.14	1.06	1.01	1.14	1.28	1.55	1.68	1.76	1.85	1.94	1.78	1.78	2.04	2.00	1.94	1.89	1.59	1.54	1.35	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.22	47.88	44.17	41.35	40.87	39.10	40.28	41.95	41.19	45.51	49.20	51.80	55.81	58.55	55.62	53.82	61.66	68.64	68.85	60.41	51.17	46.41	43.20	42.16
355683	0.15	0.24	0.13	0.08	0.00	-0.04	-0.12	-0.21	-0.12	-0.14	-0.10	-0.10	-0.17	-0.18	-0.06	-0.05	-0.19	-0.28	-0.35	-0.43	-0.15	-0.28	-0.26	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	53.11	49.60	45.93	43.00	42.71	40.79	42.02	43.85	43.09	47.80	51.56	54.25	58.55	61.37	58.19	56.36	64.82	72.02	72.31	63.70	53.63	48.84	45.42	44.36
323833	2.04	1.95	1.89	1.73	1.84	1.64	1.62	1.69	1.78	2.15	2.27	2.34	2.58	2.65	2.51	2.48	2.97	3.10	3.12	2.86	2.31	2.15	1.96	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.11	49.55	45.89	43.00	42.67	40.79	42.02	43.85	43.09	47.75	51.56	54.25	58.50	61.37	58.19	56.36	64.82	72.02	72.31	63.64	53.63	48.79	45.37	44.36
323834	2.04	1.91	1.85	1.73	1.80	1.64	1.62	1.69	1.78	2.10	2.27	2.34	2.52	2.65	2.51	2.48	2.97	3.10	3.12	2.80	2.31	2.10	1.91	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.29	48.79	45.23	42.38	42.02	40.20	41.41	43.30	42.59	47.20	50.97	53.67	57.82	60.67	57.46	55.66	63.89	70.91	71.13	62.72	52.91	48.23	44.81	43.85
23571	1.23	1.14	1.19	1.11	1.14	1.06	1.01	1.14	1.28	1.55	1.68	1.76	1.85	1.94	1.78	1.78	2.04	2.00	1.94	1.89	1.59	1.54	1.35	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.29 1.23 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.02 1.14 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.76 0.00	57.82 1.85 0.00	60.67 1.94 0.00	57.46 1.78 0.00	55.66 1.78 0.00	63.89 2.04 0.00	70.91 2.00 0.00	71.13 1.94 0.00	62.72 1.89 0.00	52.91 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.85 1.44 0.00
ALBANY___3 23573	52.29 1.23 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.02 1.14 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.76 0.00	57.82 1.85 0.00	60.67 1.94 0.00	57.46 1.78 0.00	55.66 1.78 0.00	63.89 2.04 0.00	70.91 2.00 0.00	71.13 1.94 0.00	62.72 1.89 0.00	52.91 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.85 1.44 0.00
ALBANY___4 23574	52.29 1.23 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.02 1.14 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.76 0.00	57.82 1.85 0.00	60.67 1.94 0.00	57.46 1.78 0.00	55.66 1.78 0.00	63.89 2.04 0.00	70.91 2.00 0.00	71.13 1.94 0.00	62.72 1.89 0.00	52.91 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.85 1.44 0.00
ALBANY___LFGE 323615	52.75 1.68 0.00	49.21 1.57 0.00	45.62 1.58 0.00	42.71 1.44 0.00	42.42 1.55 0.00	40.55 1.41 0.00	41.73 1.33 0.00	43.64 1.47 0.00	42.92 1.61 0.00	47.66 2.01 0.00	51.56 2.27 0.00	54.25 2.34 0.00	58.50 2.52 0.00	61.31 2.58 0.00	58.07 2.39 0.00	56.19 2.32 0.00	64.57 2.72 0.00	71.60 2.69 0.00	71.82 2.63 0.00	63.33 2.50 0.00	53.38 2.06 0.00	48.60 1.92 0.00	45.20 1.74 0.00	44.19 1.78 0.00
ALCOA_PA_115KV_PL-6C 55860	51.53 0.46 0.00	48.22 0.57 0.00	44.48 0.44 0.00	41.60 0.33 0.00	41.12 0.25 0.00	39.30 0.16 0.00	40.48 0.08 0.00	42.20 0.04 0.00	41.40 0.08 0.00	45.74 0.09 0.00	49.44 0.15 0.00	52.06 0.16 0.00	56.09 0.11 0.00	58.85 0.12 0.00	55.96 0.28 0.00	54.15 0.27 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.65 -0.18 0.00	51.43 0.10 0.00	46.69 0.00 0.00	43.46 0.00 0.00	42.41 0.00 0.00
ALCOA_RYNLDS___DRP 24188	51.53 0.46 0.00	48.22 0.57 0.00	44.48 0.44 0.00	41.60 0.33 0.00	41.12 0.25 0.00	39.30 0.16 0.00	40.48 0.08 0.00	42.20 0.04 0.00	41.40 0.08 0.00	45.74 0.09 0.00	49.44 0.15 0.00	52.06 0.16 0.00	56.09 0.11 0.00	58.85 0.12 0.00	55.96 0.28 0.00	54.15 0.27 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.65 -0.18 0.00	51.43 0.10 0.00	46.69 0.00 0.00	43.46 0.00 0.00	42.41 0.00 0.00
ALCOA___DSASP 323711	51.53 0.46 0.00	48.22 0.57 0.00	44.48 0.44 0.00	41.60 0.33 0.00	41.12 0.25 0.00	39.30 0.16 0.00	40.48 0.08 0.00	42.20 0.04 0.00	41.40 0.08 0.00	45.74 0.09 0.00	49.44 0.15 0.00	52.06 0.16 0.00	56.09 0.11 0.00	58.85 0.12 0.00	55.96 0.28 0.00	54.15 0.27 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.65 -0.18 0.00	51.43 0.10 0.00	46.69 0.00 0.00	43.46 0.00 0.00	42.41 0.00 0.00
ALLEGHENY___COGEN 23514	50.96 -0.10 0.00	47.45 -0.19 0.00	43.78 -0.26 0.00	40.98 -0.29 0.00	40.42 -0.45 0.00	39.06 -0.08 0.00	40.76 0.36 0.00	42.63 0.46 0.00	40.69 -0.62 0.00	44.55 -1.10 0.00	47.67 -1.63 0.00	49.83 -2.08 0.00	53.18 -2.80 0.00	55.91 -2.82 0.00	53.39 -2.29 0.00	51.94 -1.94 0.00	60.12 -1.73 0.00	68.29 -0.62 0.00	69.20 0.00 0.00	60.84 0.00 0.00	51.68 0.36 0.00	46.78 0.09 0.00	44.24 0.78 0.00	43.01 0.59 0.00
ALTAMONT_115KV_TB 2 55880	52.29 1.23 0.00	48.74 1.10 0.00	45.10 1.06 0.00	42.30 1.03 0.00	41.93 1.06 0.00	40.16 1.02 0.00	41.37 0.97 0.00	43.21 1.05 0.00	42.51 1.20 0.00	47.02 1.37 0.00	50.82 1.53 0.00	53.47 1.56 0.00	57.77 1.79 0.00	60.55 1.82 0.00	57.35 1.67 0.00	55.55 1.67 0.00	63.83 1.98 0.00	70.98 2.07 0.00	71.27 2.08 0.00	62.72 1.89 0.00	52.86 1.54 0.00	48.14 1.45 0.00	44.72 1.26 0.00	43.77 1.36 0.00
ALTONA_WT_PWR 323606	51.58 0.51 0.00	48.17 0.53 0.00	44.44 0.40 0.00	41.56 0.29 0.00	41.04 0.16 0.00	39.14 0.00 0.00	40.20 -0.20 0.00	41.78 -0.38 0.00	40.90 -0.41 0.00	45.06 -0.59 0.00	48.65 -0.64 0.00	51.23 -0.68 0.00	55.08 -0.90 0.00	57.73 -1.00 0.00	54.90 -0.78 0.00	53.12 -0.75 0.00	60.92 -0.93 0.00	67.88 -1.03 0.00	68.09 -1.11 0.00	59.68 -1.16 0.00	50.55 -0.77 0.00	45.80 -0.89 0.00	42.55 -0.91 0.00	41.39 -1.02 0.00
AMERICAN_REF_FUEL 24010	48.05 -3.01 0.00	45.16 -2.48 0.00	41.70 -2.34 0.00	39.12 -2.15 0.00	38.50 -2.37 0.00	37.03 -2.11 0.00	38.34 -2.06 0.00	39.42 -2.74 0.00	37.55 -3.76 0.00	41.31 -4.34 0.00	44.56 -4.73 0.00	46.72 -5.19 0.00	49.59 -6.38 0.00	51.92 -6.81 0.00	49.44 -6.24 0.00	47.90 -5.98 0.00	54.74 -7.11 0.00	61.41 -7.51 0.00	61.86 -7.34 0.00	54.51 -6.33 0.00	46.40 -4.93 0.00	42.30 -4.39 0.00	40.64 -2.82 0.00	40.42 -1.99 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.54 -3.52 0.00	44.26 -3.38 0.00	40.69 -3.35 0.00	38.09 -3.18 0.00	37.36 -3.52 0.00	35.78 -3.37 0.00	37.05 -3.35 0.00	38.58 -3.58 0.00	36.97 -4.34 0.00	40.63 -5.02 0.00	43.87 -5.42 0.00	45.99 -5.92 0.00	48.98 -7.00 0.00	51.21 -7.52 0.00	48.83 -6.85 0.00	47.36 -6.52 0.00	54.30 -7.55 0.00	62.30 -6.62 0.00	62.97 -6.23 0.00	54.33 -6.51 0.00	46.19 -5.13 0.00	41.98 -4.71 0.00	40.29 -3.17 0.00	39.70 -2.72 0.00
ARTHUR KILL_GT_1 23520	53.62 2.55 0.00	49.64 2.00 0.00	45.98 1.94 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.02 1.88 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.67 2.35 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.97 4.09 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.59 3.13 0.00	45.51 3.10 0.00
ARTHUR_KILL_2 23512	53.47 2.40 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.13 1.86 0.00	42.83 1.96 0.00	40.91 1.76 0.00	42.10 1.70 0.00	44.10 1.94 0.00	43.58 2.27 0.00	48.48 2.83 0.00	52.40 3.11 0.00	55.33 3.43 0.00	60.19 4.20 -0.02	63.15 4.41 -0.02	59.75 4.06 -0.01	57.81 3.93 0.00	66.68 4.83 -0.01	74.16 5.24 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.31 2.89 -0.01
ARTHUR_KILL_3 23513	53.42 2.35 0.00	49.50 1.86 0.00	45.93 1.89 0.00	43.13 1.86 0.00	42.83 1.96 0.00	40.98 1.84 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.62 2.97 0.00	52.50 3.20 0.00	55.39 3.48 0.00	60.19 4.20 -0.02	63.15 4.41 -0.02	59.70 4.01 -0.01	57.76 3.88 0.00	66.50 4.64 -0.01	73.95 5.03 -0.01	74.32 5.12 0.00	65.41 4.56 -0.01	54.91 3.59 0.00	50.10 3.41 0.00	46.34 2.87 -0.01	45.18 2.76 -0.01

ARTHUR_KILL_COGEN 323718	53.62 2.55 0.00	49.64 2.00 0.00	45.98 1.94 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.02 1.88 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.67 2.35 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.33 4.58 -0.02	59.87 4.18 -0.01	57.97 4.09 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.17 3.85 0.00	50.33 3.64 0.00	46.60 3.13 -0.01	45.43 3.01 -0.01
ASHOKAN____ 23654	53.47 2.40 0.00	49.64 2.00 0.00	46.15 2.11 0.00	43.17 1.90 0.00	42.87 2.00 0.00	40.86 1.72 0.00	42.10 1.70 0.00	43.85 1.69 0.00	43.13 1.82 0.00	47.93 2.28 0.00	51.46 2.17 0.00	53.99 2.08 0.00	58.78 2.80 0.00	61.66 2.94 0.00	58.57 2.89 0.00	56.95 3.07 0.00	66.06 4.21 0.00	73.46 4.55 0.00	73.90 4.71 0.00	64.91 4.08 0.00	54.30 2.98 0.00	49.54 2.85 0.00	45.76 2.30 0.00	44.53 2.12 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.30 2.24 0.01	49.40 1.76 0.01	45.75 1.72 0.01	43.45 2.19 0.00	43.16 2.29 0.00	41.18 2.03 0.00	42.34 1.94 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.52 2.88 0.01	52.45 3.16 0.01	55.33 3.43 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.88 4.96 0.00	74.24 5.05 0.01	65.46 4.62 0.00	54.91 3.59 0.01	50.09 3.41 0.01	46.64 3.17 -0.01	45.64 3.22 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	53.30 2.24 0.01	49.40 1.76 0.01	45.75 1.72 0.01	43.45 2.19 0.00	43.16 2.29 0.00	41.18 2.03 0.00	42.34 1.94 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.52 2.88 0.01	52.45 3.16 0.01	55.33 3.43 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.88 4.96 0.00	74.24 5.05 0.01	65.46 4.62 0.00	54.91 3.59 0.01	50.09 3.41 0.01	46.64 3.17 -0.01	45.64 3.22 -0.01
ASTORIA_GT2_1 24094	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT2_2 24095	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT2_3 24096	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT2_4 24097	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT3_1 24098	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT3_2 24099	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT3_3 24100	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT3_4 24101	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT4_1 24102	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT4_2 24103	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT4_3 24104	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00

ASTORIA_GT4_4 24105	53.31 2.25 0.00	49.41 1.76 0.00	45.80 1.76 0.00	43.45 2.19 0.00	43.12 2.25 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.33 3.43 0.00	60.25 4.25 -0.02	63.21 4.46 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.52 4.68 0.00	54.92 3.59 0.00	50.14 3.46 0.00	46.63 3.17 0.00	45.89 3.48 0.00
ASTORIA_GT_1 23523	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.26 2.11 0.00	42.42 2.02 0.00	44.35 2.19 0.00	43.92 2.60 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.64 4.81 0.00	55.02 3.70 0.00	50.24 3.55 0.00	46.72 3.26 0.00	45.98 3.56 0.00
ASTORIA_GT_10 24110	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.80 4.95 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.70 4.87 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.59 3.18 0.00
ASTORIA_GT_11 24225	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.80 4.95 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.70 4.87 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.59 3.18 0.00
ASTORIA_GT_12 24226	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.80 4.95 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.70 4.87 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.59 3.18 0.00
ASTORIA_GT_13 24227	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.80 4.95 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.70 4.87 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.59 3.18 0.00
ASTORIA_GT_5 24106	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.26 2.11 0.00	42.42 2.02 0.00	44.35 2.19 0.00	43.92 2.60 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.64 4.81 0.00	55.02 3.70 0.00	50.24 3.55 0.00	46.72 3.26 0.00	45.98 3.56 0.00
ASTORIA_GT_7 24107	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.26 2.11 0.00	42.42 2.02 0.00	44.35 2.19 0.00	43.92 2.60 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.64 4.81 0.00	55.02 3.70 0.00	50.24 3.55 0.00	46.72 3.26 0.00	45.98 3.56 0.00
ASTORIA_GT_8 24108	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.26 2.11 0.00	42.42 2.02 0.00	44.35 2.19 0.00	43.92 2.60 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.64 4.81 0.00	55.02 3.70 0.00	50.24 3.55 0.00	46.72 3.26 0.00	45.98 3.56 0.00
ASTORIA___2 24149	53.30 2.24 0.01	49.40 1.76 0.01	45.80 1.76 0.01	43.45 2.19 0.00	43.16 2.29 0.00	41.22 2.07 0.00	42.38 1.98 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.52 2.88 0.01	52.45 3.16 0.01	55.33 3.43 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.94 5.03 0.00	74.31 5.12 0.01	65.52 4.68 0.00	54.91 3.59 0.01	50.14 3.45 0.01	46.64 3.17 -0.01	45.64 3.22 -0.01
ASTORIA___3 23516	53.67 2.60 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.81 4.95 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.71 4.87 -0.01	55.17 3.85 0.00	50.33 3.64 0.00	46.64 3.17 -0.01	45.52 3.09 -0.01
ASTORIA___4 23517	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.80 4.95 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.70 4.87 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.59 3.18 0.00
ASTORIA___5 23518	53.67 2.60 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.81 4.95 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.71 4.87 -0.01	55.17 3.85 0.00	50.33 3.64 0.00	46.64 3.17 -0.01	45.52 3.09 -0.01
AST_ENERGY_2_CC3 323677	52.69 1.63 0.01	48.83 1.19 0.01	45.31 1.28 0.01	43.21 1.94 0.00	42.87 2.00 0.00	40.94 1.80 0.00	42.10 1.70 0.00	43.96 1.81 0.01	43.58 2.27 0.01	48.02 2.37 0.01	51.90 2.61 0.01	54.75 2.85 0.01	59.68 3.69 -0.01	62.55 3.82 -0.01	59.13 3.45 0.00	57.21 3.34 0.01	65.87 4.02 0.00	73.19 4.27 0.00	73.48 4.29 0.01	64.79 3.95 0.00	54.34 3.03 0.01	49.58 2.90 0.01	46.34 2.87 -0.01	45.34 2.92 -0.01
AST_ENERGY_2_CC4 323678	52.69 1.63 0.01	48.83 1.19 0.01	45.31 1.28 0.01	43.21 1.94 0.00	42.87 2.00 0.00	40.94 1.80 0.00	42.10 1.70 0.00	43.96 1.81 0.01	43.58 2.27 0.01	48.02 2.37 0.01	51.90 2.61 0.01	54.75 2.85 0.01	59.68 3.69 -0.01	62.55 3.82 -0.01	59.13 3.45 0.00	57.21 3.34 0.01	65.87 4.02 0.00	73.19 4.27 0.00	73.48 4.29 0.01	64.79 3.95 0.00	54.34 3.03 0.01	49.58 2.90 0.01	46.34 2.87 -0.01	45.34 2.92 -0.01

ATHENS_STG_1 23668	52.55 1.48 0.00	48.88 1.24 0.00	45.27 1.23 0.00	42.46 1.20 0.00	42.10 1.23 0.00	40.32 1.17 0.00	41.57 1.17 0.00	43.47 1.31 0.00	42.76 1.45 0.00	47.39 1.73 0.00	51.17 1.87 0.00	53.93 2.02 0.00	58.33 2.35 0.00	61.19 2.47 0.00	57.80 2.12 0.00	55.92 2.05 0.00	64.32 2.48 0.00	71.53 2.62 0.00	71.89 2.70 0.00	63.21 2.37 0.00	53.22 1.90 0.00	48.46 1.77 0.00	45.02 1.56 0.00	44.02 1.61 0.00
ATHENS_STG_2 23670	52.55 1.48 0.00	48.88 1.24 0.00	45.27 1.23 0.00	42.46 1.20 0.00	42.10 1.23 0.00	40.32 1.17 0.00	41.57 1.17 0.00	43.47 1.31 0.00	42.76 1.45 0.00	47.39 1.73 0.00	51.17 1.87 0.00	53.93 2.02 0.00	58.33 2.35 0.00	61.19 2.47 0.00	57.80 2.12 0.00	55.92 2.05 0.00	64.32 2.48 0.00	71.53 2.62 0.00	71.89 2.70 0.00	63.21 2.37 0.00	53.22 1.90 0.00	48.46 1.77 0.00	45.02 1.56 0.00	44.02 1.61 0.00
ATHENS_STG_3 23677	52.55 1.48 0.00	48.88 1.24 0.00	45.27 1.23 0.00	42.46 1.20 0.00	42.10 1.23 0.00	40.32 1.17 0.00	41.57 1.17 0.00	43.47 1.31 0.00	42.76 1.45 0.00	47.39 1.73 0.00	51.17 1.87 0.00	53.93 2.02 0.00	58.33 2.35 0.00	61.19 2.47 0.00	57.80 2.12 0.00	55.92 2.05 0.00	64.32 2.48 0.00	71.53 2.62 0.00	71.89 2.70 0.00	63.21 2.37 0.00	53.22 1.90 0.00	48.46 1.77 0.00	45.02 1.56 0.00	44.02 1.61 0.00
AUBURN___LFGE 323710	50.61 -0.46 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.94 -0.33 0.00	40.59 -0.29 0.00	38.95 -0.20 0.00	40.40 0.00 0.00	42.20 0.04 0.00	41.11 -0.21 0.00	45.38 -0.27 0.00	48.95 -0.35 0.00	51.49 -0.42 0.00	55.36 -0.62 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.39 -0.48 0.00	61.42 -0.43 0.00	68.71 -0.21 0.00	69.06 -0.14 0.00	60.71 -0.12 0.00	51.22 -0.10 0.00	46.50 -0.19 0.00	43.42 -0.04 0.00	42.24 -0.17 0.00
BABYLON_RES_REC 323704	54.70 3.63 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.91 3.02 -0.01	42.04 2.90 0.00	43.23 2.83 0.00	45.37 3.20 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	74.81 3.89 -21.62	79.76 4.36 -23.49	84.75 5.15 -23.63	86.93 5.40 -22.80	87.57 4.95 -26.94	92.09 5.06 -33.15	101.31 6.06 -33.40	102.13 6.55 -26.66	91.06 6.79 -15.08	89.05 5.97 -22.25	80.63 4.57 -24.74	62.27 4.29 -11.28	55.64 3.78 -8.40	46.07 3.65 -0.01
BALL_HILL_WT_PWR 323825	48.36 -2.71 0.00	45.22 -2.43 0.00	41.66 -2.38 0.00	39.04 -2.23 0.00	38.38 -2.49 0.00	36.83 -2.31 0.00	38.18 -2.22 0.00	39.71 -2.45 0.00	38.05 -3.26 0.00	41.86 -3.79 0.00	45.16 -4.14 0.00	47.34 -4.57 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.28 -5.40 0.00	48.76 -5.12 0.00	55.85 -6.00 0.00	62.99 -5.93 0.00	63.59 -5.60 0.00	55.73 -5.11 0.00	47.37 -3.95 0.00	43.05 -3.64 0.00	41.25 -2.21 0.00	40.59 -1.82 0.00
BARON_WINDS___WT_PWR 323822	48.77 -2.30 0.00	45.45 -2.19 0.00	41.88 -2.16 0.00	39.16 -2.10 0.00	38.62 -2.25 0.00	37.03 -2.11 0.00	38.46 -1.94 0.00	40.14 -2.02 0.00	38.71 -2.60 0.00	42.68 -2.97 0.00	45.99 -3.30 0.00	48.22 -3.68 0.00	51.61 -4.37 0.00	54.15 -4.58 0.00	51.50 -4.18 0.00	49.95 -3.93 0.00	57.52 -4.33 0.00	64.50 -4.41 0.00	64.91 -4.29 0.00	57.12 -3.71 0.00	48.40 -2.92 0.00	43.98 -2.71 0.00	41.59 -1.87 0.00	40.76 -1.65 0.00
BARRETT_IC_1 23704	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_10 23701	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_11 23702	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_12 23703	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_2 23705	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_3 23706	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_4 23707	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_5 23708	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01

BARRETT_IC_6 23709	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_7 23710	54.04 2.96 -0.01	50.23 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.37 2.49 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.25 2.93 -0.01	48.90 3.24 -0.01	72.29 3.30 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.40 5.47 -13.73	85.90 4.81 -20.26	77.50 3.64 -22.53	60.42 3.46 -10.28	54.06 2.96 -7.65	45.52 3.10 -0.01
BARRETT_IC_8 23711	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT_IC_9 23700	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT___1 23545	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BARRETT___2 23546	54.04 2.96 -0.01	50.22 2.57 -0.01	46.56 2.51 -0.01	43.75 2.48 -0.01	43.42 2.53 -0.01	41.61 2.47 0.00	42.82 2.42 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.90 3.24 -0.01	72.19 3.20 -19.69	76.88 3.58 -21.39	81.81 4.31 -21.52	84.02 4.52 -20.77	84.28 4.06 -24.53	88.17 4.09 -30.20	97.21 4.95 -30.42	98.50 5.31 -24.28	88.39 5.47 -13.73	85.90 4.80 -20.26	77.50 3.64 -22.53	60.42 3.45 -10.28	54.06 2.96 -7.65	45.43 3.01 -0.01
BATAVIA___115KV_TB1 55881	49.59 -1.48 0.00	46.41 -1.24 0.00	42.85 -1.19 0.00	40.15 -1.11 0.00	39.73 -1.14 0.00	38.16 -0.98 0.00	39.63 -0.77 0.00	41.11 -1.05 0.00	39.25 -2.07 0.00	43.32 -2.33 0.00	46.63 -2.66 0.00	48.95 -2.96 0.00	52.00 -3.97 0.00	54.62 -4.11 0.00	52.01 -3.67 0.00	50.43 -3.45 0.00	57.77 -4.08 0.00	64.99 -3.93 0.00	65.60 -3.60 0.00	57.67 -3.16 0.00	49.06 -2.26 0.00	44.59 -2.10 0.00	42.59 -0.87 0.00	41.61 -0.81 0.00
BAYONEEC___CTG1 323682	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG10 323750	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG2 323683	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG3 323684	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG4 323685	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG5 323686	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG6 323687	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG7 323688	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01

BAYONEEC___CTG8 323689	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BAYONEEC___CTG9 323749	53.57 2.50 0.00	49.69 2.05 0.00	46.02 1.98 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.68 4.83 -0.01	74.10 5.17 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
BEACON___LESR 323632	52.96 1.89 0.00	49.45 1.81 0.00	45.80 1.76 0.00	42.87 1.61 0.00	42.59 1.72 0.00	40.71 1.57 0.00	41.94 1.53 0.00	43.85 1.69 0.00	43.17 1.86 0.00	47.93 2.28 0.00	51.81 2.51 0.00	54.50 2.59 0.00	58.78 2.80 0.00	61.55 2.82 0.00	58.35 2.67 0.00	56.46 2.59 0.00	64.88 3.03 0.00	72.02 3.10 0.00	72.24 3.04 0.00	63.70 2.86 0.00	53.68 2.36 0.00	48.84 2.15 0.00	45.37 1.91 0.00	44.36 1.95 0.00
BEAVER RIVER___HYD 24048	51.27 0.21 0.00	47.50 -0.14 0.00	43.78 -0.26 0.00	41.02 -0.25 0.00	40.54 -0.33 0.00	38.59 -0.55 0.00	39.59 -0.81 0.00	41.36 -0.80 0.00	40.44 -0.87 0.00	44.69 -0.96 0.00	48.71 -0.59 0.00	51.23 -0.68 0.00	55.14 -0.84 0.00	58.08 -0.64 0.00	55.12 -0.56 0.00	53.29 -0.59 0.00	61.04 -0.81 0.00	68.29 -0.62 0.00	68.99 -0.21 0.00	60.29 -0.55 0.00	50.91 -0.41 0.00	46.60 -0.09 0.00	43.29 -0.17 0.00	42.20 -0.21 0.00
BEEBEE_GT_13 23619	49.59 -1.48 0.00	46.31 -1.33 0.00	42.76 -1.28 0.00	40.11 -1.16 0.00	39.69 -1.19 0.00	38.20 -0.94 0.00	39.67 -0.73 0.00	41.44 -0.72 0.00	39.95 -1.36 0.00	44.19 -1.46 0.00	47.72 -1.58 0.00	50.20 -1.71 0.00	53.57 -2.41 0.00	56.32 -2.41 0.00	53.56 -2.12 0.00	51.78 -2.10 0.00	59.25 -2.60 0.00	66.44 -2.48 0.00	66.84 -2.35 0.00	58.71 -2.13 0.00	49.83 -1.49 0.00	45.29 -1.40 0.00	42.85 -0.61 0.00	41.61 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.82 2.76 0.00	49.88 2.24 0.00	46.20 2.16 0.00	43.45 2.19 0.00	43.08 2.21 0.00	41.22 2.07 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.94 3.29 0.00	52.89 3.60 0.00	55.80 3.89 0.00	60.70 4.70 -0.02	63.74 4.99 -0.02	60.25 4.57 0.00	58.30 4.42 0.00	67.17 5.32 0.00	74.71 5.79 0.00	75.08 5.88 0.00	66.07 5.23 0.00	55.43 4.11 0.00	50.56 3.88 0.00	46.81 3.35 0.00	45.72 3.31 0.00
BETHLEHEM___GRP 23843	52.29 1.23 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.02 1.14 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.76 0.00	57.82 1.85 0.00	60.67 1.94 0.00	57.46 1.78 0.00	55.66 1.78 0.00	63.89 2.04 0.00	70.91 2.00 0.00	71.13 1.94 0.00	62.72 1.89 0.00	52.91 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.85 1.44 0.00
BETHLEHEM___GS1 323560	52.29 1.22 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.06 1.19 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.77 0.00	57.88 1.90 0.00	60.66 1.94 0.00	57.46 1.78 0.00	55.65 1.78 0.00	63.89 2.04 0.00	70.92 2.00 0.00	71.13 1.93 0.00	62.72 1.89 0.00	52.92 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.81 1.40 0.00
BETHLEHEM___GS2 323561	52.29 1.22 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.06 1.19 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.77 0.00	57.88 1.90 0.00	60.66 1.94 0.00	57.46 1.78 0.00	55.65 1.78 0.00	63.89 2.04 0.00	70.92 2.00 0.00	71.13 1.93 0.00	62.72 1.89 0.00	52.92 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.81 1.40 0.00
BETHLEHEM___GS3 323562	52.29 1.22 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.06 1.19 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.77 0.00	57.88 1.90 0.00	60.66 1.94 0.00	57.46 1.78 0.00	55.65 1.78 0.00	63.89 2.04 0.00	70.92 2.00 0.00	71.13 1.93 0.00	62.72 1.89 0.00	52.92 1.59 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.81 1.40 0.00
BETHLEHEM___STEEL 23779	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.91 -1.96 0.00	37.15 -2.00 0.00	38.50 -1.90 0.00	40.01 -2.15 0.00	38.30 -3.02 0.00	42.14 -3.52 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.72 -5.26 0.00	53.09 -5.64 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.10 -5.75 0.00	62.99 -5.93 0.00	63.59 -5.60 0.00	55.91 -4.93 0.00	47.52 -3.80 0.00	43.23 -3.46 0.00	41.46 -2.00 0.00	40.59 -1.82 0.00
BETHLHEM_115KV_TB1 79974	52.29 1.23 0.00	48.79 1.14 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.02 1.14 0.00	40.20 1.06 0.00	41.41 1.01 0.00	43.30 1.14 0.00	42.59 1.28 0.00	47.20 1.55 0.00	50.97 1.68 0.00	53.67 1.76 0.00	57.82 1.85 0.00	60.67 1.94 0.00	57.46 1.78 0.00	55.66 1.78 0.00	63.89 2.04 0.00	70.91 2.00 0.00	71.20 2.01 0.00	62.78 1.95 0.00	52.96 1.64 0.00	48.23 1.54 0.00	44.81 1.35 0.00	43.85 1.44 0.00
BETHPAGE_CC_5 323564	54.35 3.27 -0.01	50.61 2.95 -0.01	46.87 2.82 -0.01	44.04 2.77 -0.01	43.70 2.82 -0.01	41.84 2.70 0.00	43.07 2.67 0.00	45.17 2.99 -0.01	44.55 3.22 -0.01	49.22 3.56 -0.01	75.68 3.45 -22.93	80.72 3.90 -24.92	85.68 4.64 -25.06	87.79 4.87 -24.19	88.71 4.46 -28.57	93.51 4.47 -35.17	102.65 5.38 -35.42	102.98 5.79 -28.28	91.14 5.95 -16.00	89.73 5.29 -23.60	81.57 4.01 -26.24	62.63 3.97 -11.97	55.97 3.61 -8.91	45.94 3.52 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.72 -2.35 0.00	45.60 -2.05 0.00	42.06 -1.98 0.00	39.37 -1.90 0.00	38.91 -1.96 0.00	37.11 -2.04 0.00	38.50 -1.90 0.00	40.01 -2.15 0.00	38.30 -3.02 0.00	42.18 -3.47 0.00	45.50 -3.80 0.00	47.70 -4.20 0.00	50.77 -5.21 0.00	53.15 -5.58 0.00	50.61 -5.07 0.00	49.03 -4.85 0.00	56.16 -5.69 0.00	63.06 -5.86 0.00	63.66 -5.54 0.00	55.97 -4.87 0.00	47.58 -3.75 0.00	43.28 -3.41 0.00	41.51 -1.96 0.00	40.59 -1.82 0.00
BINGHAMTON___COGEN 23790	50.61 -0.46 0.00	47.22 -0.43 0.00	43.64 -0.40 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.83 -0.31 0.00	40.20 -0.20 0.00	41.99 -0.17 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.85 -0.44 0.00	51.34 -0.57 0.00	55.25 -0.73 0.00	57.96 -0.76 0.00	55.01 -0.67 0.00	53.23 -0.65 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.71 -0.48 0.00	60.41 -0.43 0.00	51.01 -0.31 0.00	46.36 -0.33 0.00	43.37 -0.09 0.00	42.29 -0.13 0.00

BIXINCNT_115KV_LOAD 355685	47.75 -3.32 0.00	44.74 -2.91 0.00	41.05 -2.99 0.00	38.25 -3.01 0.00	37.72 -3.15 0.00	35.70 -3.44 0.00	36.97 -3.43 0.00	38.53 -3.63 0.00	36.97 -4.34 0.00	40.72 -4.93 0.00	44.07 -5.23 0.00	46.09 -5.81 0.00	49.09 -6.89 0.00	51.39 -7.34 0.00	48.83 -6.85 0.00	47.30 -6.57 0.00	54.43 -7.42 0.00	61.06 -7.86 0.00	61.72 -7.47 0.00	54.27 -6.57 0.00	46.09 -5.23 0.00	41.88 -4.81 0.00	40.29 -3.17 0.00	39.23 -3.18 0.00
BLACK RIVER___HYD 24047	51.32 0.26 0.00	47.69 0.05 0.00	43.91 -0.13 0.00	41.18 -0.08 0.00	40.71 -0.16 0.00	38.79 -0.35 0.00	39.87 -0.53 0.00	41.66 -0.50 0.00	40.65 -0.66 0.00	44.92 -0.73 0.00	48.80 -0.49 0.00	51.34 -0.57 0.00	55.25 -0.73 0.00	58.20 -0.53 0.00	55.23 -0.45 0.00	53.56 -0.32 0.00	61.54 -0.31 0.00	69.12 0.21 0.00	69.96 0.76 0.00	61.08 0.24 0.00	51.53 0.21 0.00	46.97 0.28 0.00	43.59 0.13 0.00	42.46 0.04 0.00
BLACKRVR_115KV_TB2 79977	51.32 0.26 0.00	47.69 0.05 0.00	43.91 -0.13 0.00	41.18 -0.08 0.00	40.71 -0.16 0.00	38.79 -0.35 0.00	39.88 -0.53 0.00	41.65 -0.51 0.00	40.65 -0.66 0.00	44.92 -0.73 0.00	48.80 -0.49 0.00	51.34 -0.57 0.00	55.25 -0.73 0.00	58.20 -0.53 0.00	55.23 -0.45 0.00	53.55 -0.32 0.00	61.54 -0.31 0.00	69.12 0.21 0.00	69.96 0.76 0.00	61.08 0.24 0.00	51.53 0.21 0.00	46.97 0.28 0.00	43.59 0.13 0.00	42.41 0.00 0.00
BLDWN_LI_69_KV_BK4 356085	54.45 3.37 -0.01	50.61 2.95 -0.01	46.87 2.82 -0.01	44.04 2.76 -0.01	43.70 2.82 -0.01	41.88 2.74 0.00	43.11 2.71 0.00	45.21 3.04 -0.01	44.59 3.26 -0.01	49.27 3.61 -0.01	78.63 3.85 -25.49	83.76 4.15 -27.69	88.70 4.87 -27.86	90.72 5.11 -26.89	92.17 4.73 -31.76	97.71 4.74 -39.09	106.85 5.63 -39.37	106.48 6.13 -31.43	93.27 6.30 -17.78	92.60 5.54 -26.23	84.75 4.26 -29.17	64.01 4.02 -13.30	56.88 3.52 -9.90	45.94 3.52 -0.01
BLISS_WT_PWR 323608	47.44 -3.62 0.00	44.45 -3.19 0.00	40.74 -3.30 0.00	37.93 -3.34 0.00	37.15 -3.72 0.00	35.27 -3.88 0.00	36.52 -3.88 0.00	38.07 -4.09 0.00	36.56 -4.75 0.00	40.26 -5.39 0.00	43.63 -5.67 0.00	45.57 -6.33 0.00	48.53 -7.44 0.00	50.80 -7.93 0.00	48.27 -7.41 0.00	46.77 -7.11 0.00	53.81 -8.04 0.00	60.44 -8.48 0.00	61.03 -8.17 0.00	53.66 -7.18 0.00	45.58 -5.75 0.00	41.41 -5.28 0.00	39.90 -3.56 0.00	39.06 -3.35 0.00
BLUESTONE___WT_PWR 323821	52.34 1.28 0.00	48.74 1.10 0.00	44.87 0.83 0.00	42.01 0.74 0.00	41.44 0.57 0.00	39.65 0.51 0.00	41.01 0.61 0.00	42.88 0.72 0.00	42.01 0.70 0.00	46.74 1.09 0.00	50.53 1.23 0.00	53.15 1.24 0.00	57.27 1.29 0.00	60.43 1.70 0.00	57.96 2.28 0.00	56.19 2.32 0.00	64.57 2.72 0.00	72.29 3.38 0.00	72.93 3.73 0.00	63.76 2.92 0.00	53.74 2.41 0.00	48.04 1.35 0.00	44.68 1.22 0.00	43.56 1.15 0.00
BLUE_CIRC_CHEM_DRP 24182	52.75 1.69 0.00	49.22 1.57 0.00	45.58 1.54 0.00	42.67 1.40 0.00	42.34 1.47 0.00	40.51 1.37 0.00	41.73 1.33 0.00	43.59 1.43 0.00	42.84 1.53 0.00	47.43 1.78 0.00	51.27 1.97 0.00	53.93 2.02 0.00	58.16 2.18 0.00	61.02 2.29 0.00	57.80 2.12 0.00	55.98 2.10 0.00	64.32 2.47 0.00	71.47 2.55 0.00	71.76 2.56 0.00	63.21 2.37 0.00	53.27 1.95 0.00	48.46 1.77 0.00	45.07 1.61 0.00	44.11 1.70 0.00
BOC_GAS_DRP 24189	52.24 1.17 0.00	48.69 1.05 0.00	45.05 1.01 0.00	42.26 0.99 0.00	41.89 1.02 0.00	40.12 0.98 0.00	41.33 0.93 0.00	43.17 1.01 0.00	42.47 1.16 0.00	47.02 1.37 0.00	50.77 1.48 0.00	53.47 1.56 0.00	57.71 1.74 0.00	60.55 1.82 0.00	57.35 1.67 0.00	55.49 1.62 0.00	63.77 1.92 0.00	70.85 1.93 0.00	71.20 2.01 0.00	62.66 1.83 0.00	52.81 1.49 0.00	48.09 1.40 0.00	44.68 1.22 0.00	43.73 1.31 0.00
BOONVILLE_115KV_TB1 79983	51.93 0.87 0.00	48.26 0.62 0.00	44.52 0.48 0.00	41.72 0.45 0.00	41.28 0.41 0.00	39.46 0.31 0.00	40.64 0.24 0.00	42.46 0.30 0.00	41.60 0.29 0.00	46.06 0.41 0.00	49.94 0.64 0.00	52.53 0.62 0.00	56.65 0.67 0.00	59.55 0.82 0.00	56.46 0.78 0.00	54.63 0.75 0.00	62.65 0.80 0.00	70.02 1.10 0.00	70.51 1.31 0.00	61.75 0.91 0.00	52.09 0.77 0.00	47.44 0.75 0.00	44.07 0.61 0.00	43.01 0.59 0.00
BORALEX_4TH_BRANCH 23824	54.03 2.96 0.00	50.31 2.67 0.00	46.55 2.51 0.00	43.62 2.35 0.00	43.28 2.41 0.00	41.45 2.31 0.00	42.78 2.38 0.00	44.69 2.53 0.00	44.00 2.69 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.49 3.58 0.00	59.90 3.92 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.65 3.77 0.00	66.30 4.45 0.00	73.74 4.82 0.00	74.11 4.91 0.00	65.09 4.26 0.00	54.76 3.44 0.00	49.86 3.17 0.00	46.33 2.87 0.00	45.34 2.93 0.00
BOWLINE___1 23526	52.90 1.84 0.00	49.21 1.57 0.00	45.58 1.54 0.00	42.75 1.48 0.00	42.46 1.59 0.00	40.63 1.49 0.00	41.94 1.53 0.00	43.89 1.73 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.86 2.56 0.00	54.66 2.75 0.00	59.34 3.36 0.00	62.19 3.46 0.00	58.85 3.17 0.00	56.95 3.07 0.00	65.56 3.71 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.19 2.87 0.00	49.44 2.75 0.00	45.76 2.30 0.00	44.57 2.16 0.00
BOWLINE___2 23595	52.90 1.84 0.00	49.17 1.52 0.00	45.58 1.54 0.00	42.75 1.48 0.00	42.42 1.55 0.00	40.63 1.49 0.00	41.94 1.53 0.00	43.89 1.73 0.00	43.30 1.98 0.00	47.98 2.33 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.28 3.30 0.00	62.19 3.46 0.00	58.85 3.17 0.00	56.95 3.07 0.00	65.56 3.71 0.00	72.91 4.00 0.00	73.28 4.08 0.00	64.49 3.65 0.00	54.19 2.87 0.00	49.40 2.71 0.00	45.76 2.30 0.00	44.57 2.16 0.00
BRADY___115KV_TB2 356060	51.99 0.92 0.00	48.64 1.00 0.00	44.83 0.79 0.00	41.97 0.70 0.00	41.44 0.57 0.00	39.53 0.39 0.00	40.68 0.28 0.00	42.41 0.25 0.00	41.52 0.21 0.00	45.79 0.14 0.00	49.49 0.20 0.00	52.12 0.21 0.00	56.15 0.17 0.00	58.90 0.18 0.00	56.07 0.39 0.00	54.31 0.43 0.00	62.22 0.37 0.00	69.47 0.55 0.00	69.82 0.62 0.00	61.14 0.30 0.00	51.89 0.56 0.00	47.06 0.37 0.00	43.85 0.39 0.00	42.75 0.34 0.00
BRANSCOMB___SOLAR 323811	53.98 2.91 0.00	50.36 2.71 0.00	46.55 2.51 0.00	43.58 2.31 0.00	43.24 2.37 0.00	41.41 2.27 0.00	42.70 2.30 0.00	44.65 2.49 0.00	43.92 2.60 0.00	48.80 3.15 0.00	52.89 3.60 0.00	55.59 3.69 0.00	59.95 3.97 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.65 3.77 0.00	66.30 4.46 0.00	73.53 4.62 0.00	73.76 4.57 0.00	64.85 4.01 0.00	54.56 3.24 0.00	49.59 2.90 0.00	46.11 2.65 0.00	45.09 2.67 0.00
BRDGHMPT_69_KV_BK1 55812	56.34 5.26 -0.01	52.18 4.53 -0.01	48.32 4.27 -0.01	45.24 3.96 -0.01	44.76 3.88 -0.01	42.86 3.72 0.00	43.75 3.35 0.00	45.71 3.54 -0.01	45.08 3.76 -0.01	49.86 4.20 -0.01	73.28 4.88 -19.10	77.96 5.29 -20.75	82.90 6.05 -20.87	85.16 6.28 -20.15	84.88 5.40 -23.80	88.94 5.76 -29.29	98.04 6.68 -29.51	99.78 7.31 -23.55	89.85 7.33 -13.32	86.94 6.45 -19.66	78.11 4.93 -21.86	61.10 4.44 -9.97	54.70 3.82 -7.42	46.45 4.03 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	55.26 4.19 -0.01	51.32 3.67 -0.01	47.53 3.48 -0.01	44.62 3.34 -0.01	44.23 3.35 -0.01	42.43 3.29 0.00	43.59 3.19 0.00	45.75 3.58 -0.01	45.12 3.80 -0.01	49.91 4.25 -0.01	73.65 4.63 -19.72	78.31 4.98 -21.42	83.29 5.77 -21.55	85.57 6.05 -20.80	85.82 5.57 -24.57	89.77 5.66 -30.24	99.05 6.74 -30.46	100.54 7.31 -24.31	90.49 7.54 -13.75	87.82 6.69 -20.29	79.02 5.13 -22.56	61.74 4.76 -10.29	55.33 4.22 -7.66	46.54 4.11 -0.01
BRISTLHL_115KV_TB1 79998	49.69 -1.38 0.00	46.45 -1.19 0.00	42.94 -1.10 0.00	40.28 -0.99 0.00	39.89 -0.98 0.00	38.28 -0.86 0.00	39.59 -0.81 0.00	41.32 -0.84 0.00	40.32 -0.99 0.00	44.46 -1.19 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	54.35 -1.62 0.00	57.02 -1.70 0.00	54.07 -1.61 0.00	52.32 -1.56 0.00	60.05 -1.79 0.00	67.06 -1.86 0.00	67.33 -1.87 0.00	59.25 -1.58 0.00	49.99 -1.33 0.00	45.48 -1.21 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
BROOKHAVEN___DRP 24191	55.11 4.03 -0.01	51.08 3.43 -0.01	47.31 3.26 -0.01	44.41 3.14 -0.01	44.03 3.15 -0.01	42.27 3.13 0.00	43.39 2.99 0.00	45.42 3.25 -0.01	44.87 3.55 -0.01	49.59 3.93 -0.01	72.77 4.39 -19.09	77.42 4.78 -20.74	82.38 5.54 -20.86	84.68 5.81 -20.13	84.47 5.01 -23.78	88.48 5.33 -29.27	97.64 6.31 -29.49	99.35 6.89 -23.54	89.57 7.06 -13.31	86.68 6.21 -19.64	77.94 4.77 -21.84	61.04 4.39 -9.96	54.65 3.78 -7.41	46.20 3.77 -0.01
BROOKLYN_NAVY_YARD 23515	53.42 2.35 0.00	49.55 1.91 0.00	45.93 1.89 0.00	43.13 1.86 0.00	42.83 1.96 0.00	40.98 1.84 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.87 2.56 0.00	48.66 3.01 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.19 4.20 -0.02	63.15 4.41 -0.02	59.70 4.01 -0.01	57.76 3.88 0.00	66.55 4.70 -0.01	74.02 5.10 -0.01	74.39 5.19 0.00	65.47 4.62 -0.01	54.97 3.64 0.00	50.10 3.41 0.00	46.38 2.91 -0.01	45.18 2.76 -0.01
BROOKLYN___ARMY_DRP 323595	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 0.00	63.44 4.70 0.00	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
BROOME_2_LFGE 323671	50.61 -0.46 0.00	47.21 -0.43 0.00	43.64 -0.40 0.00	40.89 -0.37 0.00	40.46 -0.41 0.00	38.83 -0.31 0.00	40.20 -0.20 0.00	41.99 -0.17 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.85 -0.44 0.00	51.34 -0.57 0.00	55.25 -0.73 0.00	57.96 -0.77 0.00	55.01 -0.67 0.00	53.23 -0.64 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.71 -0.48 0.00	60.41 -0.42 0.00	51.02 -0.31 0.00	46.37 -0.32 0.00	43.37 -0.09 0.00	42.33 -0.08 0.00
BROOME___LFGE 323600	50.61 -0.46 0.00	47.21 -0.43 0.00	43.64 -0.40 0.00	40.89 -0.37 0.00	40.46 -0.41 0.00	38.83 -0.31 0.00	40.20 -0.20 0.00	41.99 -0.17 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.85 -0.44 0.00	51.34 -0.57 0.00	55.25 -0.73 0.00	57.96 -0.77 0.00	55.01 -0.67 0.00	53.23 -0.64 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.71 -0.48 0.00	60.41 -0.42 0.00	51.02 -0.31 0.00	46.37 -0.32 0.00	43.37 -0.09 0.00	42.33 -0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	51.07 0.00 0.00	47.60 -0.05 0.00	43.86 -0.18 0.00	41.06 -0.21 0.00	40.59 -0.29 0.00	38.44 -0.70 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	40.36 -0.95 0.00	44.60 -1.05 0.00	48.70 -0.59 0.00	51.23 -0.67 0.00	55.19 -0.78 0.00	58.02 -0.70 0.00	55.12 -0.56 0.00	53.12 -0.75 0.00	60.67 -1.18 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	46.27 -0.42 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
BROWNSV1_27_KV_LOAD 356125	53.93 2.86 0.00	49.98 2.33 0.00	46.42 2.38 0.00	43.50 2.23 0.00	43.16 2.29 0.00	41.33 2.19 0.00	42.66 2.26 0.00	44.69 2.53 0.00	44.20 2.89 0.00	49.07 3.42 0.00	53.04 3.75 0.00	55.90 4.00 0.00	60.75 4.76 -0.02	63.79 5.05 -0.02	60.25 4.57 0.00	58.30 4.42 0.00	67.17 5.32 0.00	74.71 5.79 0.00	75.08 5.88 0.00	66.07 5.23 0.00	55.43 4.11 0.00	50.56 3.88 0.00	46.81 3.35 0.00	45.68 3.27 0.00
BURROWS___LYONSDAL 23803	51.78 0.71 0.00	48.02 0.38 0.00	44.30 0.26 0.00	41.51 0.25 0.00	41.08 0.20 0.00	39.22 0.08 0.00	40.36 -0.04 0.00	42.16 0.00 0.00	41.31 0.00 0.00	45.70 0.05 0.00	49.59 0.30 0.00	52.17 0.26 0.00	56.20 0.22 0.00	59.14 0.41 0.00	56.07 0.39 0.00	54.26 0.38 0.00	62.22 0.37 0.00	69.54 0.62 0.00	70.09 0.90 0.00	61.38 0.55 0.00	51.78 0.46 0.00	47.20 0.51 0.00	43.85 0.39 0.00	42.75 0.34 0.00
CAITHNESS_CC_1 323624	54.91 3.83 -0.01	50.89 3.24 -0.01	47.18 3.13 -0.01	44.25 2.97 -0.01	44.07 3.19 -0.01	42.16 3.01 0.00	43.27 2.87 0.00	45.33 3.16 -0.01	44.79 3.47 -0.01	49.45 3.79 -0.01	72.41 4.04 -19.07	77.20 4.57 -20.72	82.20 5.37 -20.84	84.43 5.58 -20.12	84.35 4.90 -23.77	88.25 5.12 -29.25	97.44 6.12 -29.46	99.05 6.62 -23.52	89.29 6.79 -13.30	86.43 5.97 -19.63	77.77 4.62 -21.83	60.89 4.25 -9.96	54.56 3.69 -7.41	46.02 3.60 -0.01
CALPINE BETH_PAGE_GT4 24209	54.35 3.27 -0.01	50.61 2.95 -0.01	46.91 2.86 -0.01	44.04 2.76 -0.01	43.70 2.82 -0.01	41.88 2.74 0.00	43.11 2.71 0.00	45.21 3.04 -0.01	44.59 3.26 -0.01	49.18 3.52 -0.01	77.23 3.55 -24.38	82.24 3.84 -26.49	87.16 4.53 -26.65	89.20 4.76 -25.72	90.40 4.34 -30.38	95.64 4.36 -37.39	104.77 5.26 -37.67	104.64 5.65 -30.07	92.02 5.81 -17.01	91.10 5.17 -25.09	83.18 3.95 -27.90	63.34 3.92 -12.73	56.45 3.52 -9.47	46.03 3.61 -0.01
CALPINE_BETH_PAGE_GT_4 323586	54.35 3.27 -0.01	50.61 2.95 -0.01	46.91 2.86 -0.01	44.04 2.77 -0.01	43.74 2.86 -0.01	41.88 2.74 0.00	43.11 2.71 0.00	45.21 3.04 -0.01	44.59 3.26 -0.01	49.18 3.52 -0.01	77.08 3.40 -24.38	82.24 3.84 -26.49	87.16 4.53 -26.65	89.20 4.75 -25.72	90.41 4.35 -30.38	95.63 4.36 -37.39	104.77 5.25 -37.67	104.64 5.65 -30.07	92.02 5.81 -17.01	91.10 5.17 -25.09	83.18 3.95 -27.90	63.34 3.92 -12.73	56.45 3.52 -9.47	45.94 3.52 -0.01
CALPINE_BP_GT1 23823	54.35 3.27 -0.01	50.61 2.95 -0.01	46.91 2.86 -0.01	44.04 2.77 -0.01	43.74 2.86 -0.01	41.88 2.74 0.00	43.11 2.71 0.00	45.21 3.04 -0.01	44.59 3.26 -0.01	49.18 3.52 -0.01	77.08 3.40 -24.38	82.24 3.84 -26.49	87.16 4.53 -26.65	89.20 4.75 -25.72	90.41 4.35 -30.38	95.63 4.36 -37.39	104.77 5.25 -37.67	104.64 5.65 -30.07	92.02 5.81 -17.01	91.10 5.17 -25.09	83.18 3.95 -27.90	63.34 3.92 -12.73	56.45 3.52 -9.47	45.94 3.52 -0.01
CALSPAN___DRP 24200	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.91 -1.96 0.00	37.15 -2.00 0.00	38.50 -1.90 0.00	40.01 -2.15 0.00	38.30 -3.02 0.00	42.14 -3.52 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.72 -5.26 0.00	53.09 -5.64 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.10 -5.75 0.00	62.99 -5.93 0.00	63.59 -5.60 0.00	55.91 -4.93 0.00	47.52 -3.80 0.00	43.23 -3.46 0.00	41.46 -2.00 0.00	40.59 -1.82 0.00

CALVERTON___SOLAR 323806	55.31 4.24 -0.01	51.27 3.62 -0.01	47.53 3.48 -0.01	44.54 3.26 -0.01	44.35 3.47 -0.01	42.39 3.25 0.00	43.47 3.07 0.00	45.54 3.37 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.73 4.34 -19.09	77.59 4.93 -20.74	82.55 5.71 -20.86	84.86 5.99 -20.14	84.59 5.12 -23.79	88.66 5.50 -29.28	97.83 6.49 -29.49	99.56 7.10 -23.54	89.71 7.20 -13.32	86.87 6.39 -19.65	78.10 4.93 -21.85	61.14 4.48 -9.97	54.74 3.87 -7.41	46.24 3.82 -0.01
CANDIGU_WT_PWR 323617	48.77 -2.30 0.00	45.45 -2.19 0.00	41.88 -2.16 0.00	39.16 -2.10 0.00	38.62 -2.25 0.00	37.03 -2.11 0.00	38.46 -1.94 0.00	40.14 -2.02 0.00	38.71 -2.60 0.00	42.68 -2.97 0.00	45.99 -3.30 0.00	48.22 -3.68 0.00	51.61 -4.37 0.00	54.15 -4.58 0.00	51.50 -4.18 0.00	49.95 -3.93 0.00	57.52 -4.33 0.00	64.50 -4.41 0.00	64.91 -4.29 0.00	57.12 -3.71 0.00	48.40 -2.92 0.00	43.98 -2.71 0.00	41.59 -1.87 0.00	40.76 -1.65 0.00
CARR STREET_E__SYR 24060	50.15 -0.92 0.00	46.88 -0.76 0.00	43.33 -0.71 0.00	40.65 -0.62 0.00	40.26 -0.61 0.00	38.63 -0.51 0.00	40.00 -0.40 0.00	41.74 -0.42 0.00	40.69 -0.62 0.00	44.92 -0.73 0.00	48.46 -0.84 0.00	51.03 -0.88 0.00	54.91 -1.07 0.00	57.61 -1.12 0.00	54.68 -1.00 0.00	52.85 -1.03 0.00	60.67 -1.18 0.00	67.74 -1.17 0.00	68.02 -1.18 0.00	59.80 -1.03 0.00	50.50 -0.82 0.00	45.90 -0.79 0.00	42.85 -0.61 0.00	41.78 -0.64 0.00
CARTHAGE___PAPER 23857	51.32 0.26 0.00	47.64 0.00 0.00	43.86 -0.18 0.00	41.10 -0.16 0.00	40.63 -0.24 0.00	38.67 -0.47 0.00	39.71 -0.69 0.00	41.48 -0.68 0.00	40.53 -0.79 0.00	44.74 -0.91 0.00	48.71 -0.59 0.00	51.18 -0.73 0.00	55.14 -0.84 0.00	58.08 -0.64 0.00	55.12 -0.56 0.00	53.39 -0.49 0.00	61.29 -0.56 0.00	68.71 -0.21 0.00	69.54 0.35 0.00	60.71 -0.12 0.00	51.27 -0.05 0.00	46.83 0.14 0.00	43.42 -0.04 0.00	42.33 -0.08 0.00
CASSADAGA_WT_PWR 323784	47.54 -3.52 0.00	44.17 -3.48 0.00	40.52 -3.52 0.00	37.88 -3.38 0.00	37.11 -3.76 0.00	35.46 -3.68 0.00	36.64 -3.76 0.00	38.20 -3.96 0.00	36.60 -4.71 0.00	40.26 -5.39 0.00	43.48 -5.82 0.00	45.57 -6.33 0.00	48.59 -7.39 0.00	50.74 -7.99 0.00	48.33 -7.35 0.00	46.93 -6.95 0.00	53.87 -7.98 0.00	62.71 -6.20 0.00	63.45 -5.74 0.00	53.90 -6.94 0.00	45.88 -5.44 0.00	41.69 -5.00 0.00	40.03 -3.43 0.00	39.44 -2.97 0.00
CE_DUNWOOD___DRP 24194	53.42 2.35 0.00	49.50 1.86 0.00	45.85 1.81 0.00	43.04 1.77 0.00	42.71 1.84 0.00	40.90 1.76 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.63 2.31 0.00	48.34 2.69 0.00	52.25 2.96 0.00	55.07 3.17 0.00	59.78 3.81 0.00	62.72 3.99 0.00	59.30 3.62 0.00	57.38 3.50 0.00	66.05 4.21 0.00	73.53 4.62 0.00	73.90 4.71 0.00	64.97 4.14 0.00	54.61 3.28 0.00	49.77 3.08 0.00	46.07 2.61 0.00	44.96 2.54 0.00
CE_MILLWOOD___DRP 24193	53.21 2.14 0.00	49.45 1.81 0.00	45.80 1.76 0.00	43.00 1.73 0.00	42.63 1.76 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.10 1.94 0.00	43.54 2.23 0.00	48.25 2.60 0.00	52.16 2.86 0.00	54.97 3.06 0.00	59.67 3.69 0.00	62.60 3.88 0.00	59.19 3.51 0.00	57.33 3.45 0.00	65.99 4.14 0.00	73.40 4.48 0.00	73.76 4.57 0.00	64.91 4.08 0.00	54.50 3.18 0.00	49.68 2.99 0.00	45.98 2.52 0.00	44.87 2.46 0.00
CE_NYC2_DRP 24202	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.42 4.42 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.80 4.95 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.70 4.87 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.55 3.14 0.00
CE_NYC_DRP 24195	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.54 3.63 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.24 3.55 0.00	46.46 3.00 0.00	45.34 2.93 0.00
CHAFFEE___LFGE 323603	48.77 -2.30 0.00	45.60 -2.05 0.00	42.06 -1.98 0.00	39.41 -1.86 0.00	38.74 -2.13 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	40.10 -2.06 0.00	38.38 -2.93 0.00	42.23 -3.42 0.00	45.60 -3.70 0.00	47.81 -4.10 0.00	50.83 -5.15 0.00	53.27 -5.46 0.00	50.67 -5.01 0.00	49.14 -4.74 0.00	56.28 -5.57 0.00	63.20 -5.72 0.00	63.80 -5.40 0.00	56.09 -4.75 0.00	47.68 -3.64 0.00	43.38 -3.31 0.00	41.55 -1.91 0.00	40.93 -1.49 0.00
CHATEAUG_35_KV_LOAD 355732	51.42 0.36 0.00	48.02 0.38 0.00	44.30 0.26 0.00	41.43 0.17 0.00	40.91 0.04 0.00	39.06 -0.08 0.00	40.12 -0.28 0.00	41.70 -0.46 0.00	40.82 -0.50 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.08 -0.83 0.00	55.03 -0.95 0.00	57.55 -1.17 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.74 -1.11 0.00	67.74 -1.17 0.00	67.95 -1.25 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	45.66 -1.03 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
CHATEAUG_WT_PWR 323614	51.32 0.26 0.00	47.93 0.29 0.00	44.22 0.18 0.00	41.35 0.08 0.00	40.87 0.00 0.00	39.03 -0.12 0.00	40.08 -0.32 0.00	41.66 -0.50 0.00	40.77 -0.54 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.13 -0.78 0.00	55.03 -0.95 0.00	57.61 -1.12 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.67 -1.18 0.00	67.60 -1.31 0.00	67.81 -1.38 0.00	59.50 -1.34 0.00	50.35 -0.98 0.00	45.66 -1.03 0.00	42.42 -1.04 0.00	41.27 -1.14 0.00
CHAT_HIGH_FALL_HYD 323578	51.42 0.36 0.00	48.02 0.38 0.00	44.30 0.26 0.00	41.43 0.17 0.00	40.91 0.04 0.00	39.06 -0.08 0.00	40.12 -0.28 0.00	41.70 -0.46 0.00	40.82 -0.50 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.08 -0.83 0.00	55.03 -0.95 0.00	57.55 -1.17 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.74 -1.11 0.00	67.74 -1.17 0.00	67.95 -1.25 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	45.66 -1.03 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
CHAUTAUQUA___LFGE 323629	48.21 -2.86 0.00	44.98 -2.67 0.00	41.40 -2.64 0.00	38.75 -2.52 0.00	38.09 -2.78 0.00	36.48 -2.66 0.00	37.81 -2.59 0.00	39.42 -2.74 0.00	37.76 -3.55 0.00	41.54 -4.11 0.00	44.81 -4.49 0.00	46.98 -4.93 0.00	50.04 -5.94 0.00	52.33 -6.40 0.00	49.89 -5.79 0.00	48.38 -5.50 0.00	55.48 -6.37 0.00	63.06 -5.86 0.00	63.66 -5.54 0.00	55.42 -5.41 0.00	47.12 -4.21 0.00	42.81 -3.87 0.00	41.03 -2.43 0.00	40.38 -2.04 0.00
CHERRYST_13_KV_LD 356241	53.72 2.66 0.00	49.79 2.14 0.00	46.15 2.11 0.00	43.37 2.10 0.00	43.00 2.13 0.00	41.22 2.07 0.00	42.50 2.10 0.00	44.52 2.36 0.00	44.04 2.73 0.00	48.89 3.24 0.00	52.85 3.55 0.00	55.70 3.79 0.00	60.53 4.53 -0.02	63.50 4.76 -0.02	60.02 4.34 0.00	58.08 4.20 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.73 5.54 0.00	65.76 4.93 0.00	55.22 3.90 0.00	50.33 3.64 0.00	46.59 3.13 0.00	45.47 3.05 0.00

CHESTROR_138KV_BK263 355645	52.70 1.63 0.00	49.03 1.38 0.00	45.41 1.37 0.00	42.59 1.32 0.00	42.26 1.39 0.00	40.47 1.33 0.00	41.81 1.41 0.00	43.72 1.56 0.00	43.09 1.78 0.00	47.75 2.10 0.00	51.56 2.27 0.00	54.30 2.39 0.00	58.89 2.91 0.00	61.78 3.05 0.00	58.52 2.84 0.00	56.63 2.75 0.00	65.19 3.34 0.00	72.57 3.65 0.00	72.93 3.74 0.00	64.18 3.35 0.00	53.94 2.62 0.00	49.12 2.43 0.00	45.50 2.04 0.00	44.41 1.99 0.00
CH_MIDHUDSON___DRP 24192	53.42 2.35 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.12 1.86 0.00	42.75 1.88 0.00	40.94 1.80 0.00	42.26 1.86 0.00	44.18 2.02 0.00	43.58 2.27 0.00	48.34 2.69 0.00	52.20 2.91 0.00	54.97 3.06 0.00	59.67 3.69 0.00	62.60 3.88 0.00	59.24 3.56 0.00	57.33 3.45 0.00	66.05 4.21 0.00	73.40 4.48 0.00	73.76 4.57 0.00	64.91 4.08 0.00	54.50 3.18 0.00	49.68 2.99 0.00	45.98 2.52 0.00	44.87 2.46 0.00
CH_MISC_IPPS 23765	53.57 2.50 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.25 1.98 0.00	42.91 2.04 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.71 2.40 0.00	48.53 2.88 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.95 3.97 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.59 3.71 0.00	66.43 4.58 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.91 3.22 0.00	46.16 2.70 0.00	44.96 2.54 0.00
CH_RES_BVR_FALLS 23983	51.07 0.00 0.00	47.64 0.00 0.00	44.04 0.00 0.00	41.27 0.00 0.00	40.83 -0.04 0.00	39.10 -0.04 0.00	40.36 -0.04 0.00	42.12 -0.04 0.00	41.23 -0.08 0.00	45.56 -0.09 0.00	49.20 -0.10 0.00	51.80 -0.10 0.00	55.87 -0.11 0.00	58.61 -0.12 0.00	55.57 -0.11 0.00	53.77 -0.11 0.00	61.72 -0.12 0.00	68.78 -0.14 0.00	69.06 -0.14 0.00	60.71 -0.12 0.00	51.22 -0.10 0.00	46.60 -0.09 0.00	43.37 -0.09 0.00	42.33 -0.08 0.00
CH_RES_NIAGARA 23895	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
CH_RES_SYRACUSE 23985	50.46 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.89 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.03 -0.29 0.00	45.28 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.36 -0.61 0.00	58.08 -0.64 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.29 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
CLINTON_WT_PWR 323605	51.32 0.26 0.00	47.93 0.29 0.00	44.22 0.18 0.00	41.35 0.08 0.00	40.87 0.00 0.00	39.03 -0.12 0.00	40.08 -0.32 0.00	41.66 -0.50 0.00	40.77 -0.54 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.13 -0.78 0.00	55.03 -0.95 0.00	57.61 -1.12 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.67 -1.18 0.00	67.60 -1.31 0.00	67.81 -1.38 0.00	59.50 -1.34 0.00	50.35 -0.98 0.00	45.66 -1.03 0.00	42.42 -1.04 0.00	41.27 -1.14 0.00
CLINTON___LFGE 323618	51.88 0.81 0.00	48.50 0.86 0.00	44.74 0.70 0.00	41.80 0.54 0.00	41.28 0.41 0.00	39.45 0.31 0.00	40.52 0.12 0.00	42.12 -0.04 0.00	41.23 -0.08 0.00	45.47 -0.18 0.00	49.15 -0.15 0.00	51.75 -0.16 0.00	55.59 -0.39 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.72 -0.16 0.00	61.60 -0.25 0.00	68.71 -0.21 0.00	68.92 -0.28 0.00	60.35 -0.49 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	42.94 -0.52 0.00	41.78 -0.64 0.00
COBBLENY_34_KV_TB1 80064	48.77 -2.30 0.00	45.60 -2.05 0.00	42.06 -1.98 0.00	39.41 -1.86 0.00	38.95 -1.92 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	40.09 -2.07 0.00	38.38 -2.93 0.00	42.23 -3.42 0.00	45.60 -3.70 0.00	47.81 -4.10 0.00	50.83 -5.15 0.00	53.27 -5.46 0.00	50.67 -5.01 0.00	49.14 -4.74 0.00	56.28 -5.57 0.00	63.20 -5.72 0.00	63.80 -5.40 0.00	56.09 -4.75 0.00	47.68 -3.64 0.00	43.37 -3.31 0.00	41.55 -1.91 0.00	40.67 -1.74 0.00
COFFEEN___115KV_TB3 355620	51.53 0.46 0.00	47.93 0.29 0.00	44.13 0.09 0.00	41.35 0.08 0.00	40.87 0.00 0.00	38.95 -0.20 0.00	40.04 -0.36 0.00	41.87 -0.30 0.00	40.86 -0.45 0.00	45.10 -0.55 0.00	49.00 -0.30 0.00	51.49 -0.42 0.00	55.42 -0.56 0.00	58.38 -0.35 0.00	55.40 -0.28 0.00	53.77 -0.11 0.00	61.91 0.06 0.00	69.54 0.62 0.00	70.51 1.31 0.00	61.50 0.67 0.00	51.89 0.56 0.00	47.25 0.56 0.00	43.81 0.35 0.00	42.67 0.25 0.00
COLDSPRG_115KV_BK1 355956	48.72 -2.35 0.00	45.40 -2.24 0.00	41.79 -2.25 0.00	39.12 -2.15 0.00	38.58 -2.29 0.00	36.72 -2.43 0.00	38.02 -2.38 0.00	39.67 -2.49 0.00	38.05 -3.26 0.00	41.86 -3.79 0.00	45.20 -4.09 0.00	47.39 -4.52 0.00	50.49 -5.49 0.00	52.85 -5.87 0.00	50.28 -5.40 0.00	48.76 -5.12 0.00	56.03 -5.81 0.00	63.89 -5.03 0.00	64.70 -4.50 0.00	56.03 -4.81 0.00	47.58 -3.75 0.00	43.23 -3.46 0.00	41.37 -2.09 0.00	40.46 -1.95 0.00
COLONIE_LFGE___ 323577	53.26 2.19 0.00	49.64 2.00 0.00	45.93 1.89 0.00	43.00 1.73 0.00	42.67 1.80 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.01 1.85 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.00 3.02 0.00	61.84 3.11 0.00	58.57 2.89 0.00	56.73 2.85 0.00	65.19 3.34 0.00	72.43 3.51 0.00	72.72 3.53 0.00	64.00 3.16 0.00	53.84 2.51 0.00	49.02 2.33 0.00	45.55 2.09 0.00	44.53 2.12 0.00
COOPERNY_115KV_TB1 80082	52.19 1.12 0.00	48.60 0.95 0.00	44.96 0.92 0.00	42.17 0.91 0.00	41.81 0.94 0.00	40.04 0.90 0.00	41.33 0.93 0.00	43.21 1.05 0.00	42.55 1.24 0.00	47.11 1.46 0.00	50.87 1.58 0.00	53.62 1.71 0.00	57.99 2.02 0.00	60.90 2.17 0.00	57.63 1.95 0.00	55.76 1.89 0.00	64.14 2.29 0.00	71.47 2.55 0.00	71.82 2.63 0.00	63.15 2.31 0.00	53.17 1.85 0.00	48.42 1.73 0.00	44.90 1.43 0.00	43.81 1.40 0.00
COPENHAGEN_WT_PWR 323753	51.17 0.10 0.00	47.60 -0.05 0.00	43.82 -0.22 0.00	41.10 -0.16 0.00	40.63 -0.24 0.00	38.71 -0.43 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.61 -0.70 0.00	44.87 -0.78 0.00	48.71 -0.59 0.00	51.23 -0.68 0.00	55.14 -0.84 0.00	58.08 -0.64 0.00	55.12 -0.56 0.00	53.45 -0.43 0.00	61.42 -0.43 0.00	68.92 0.00 0.00	69.68 0.49 0.00	60.90 0.06 0.00	51.37 0.05 0.00	46.83 0.14 0.00	43.46 0.00 0.00	42.33 -0.08 0.00
CORNELL_____ 23752	51.42 0.36 0.00	47.98 0.33 0.00	44.30 0.26 0.00	41.51 0.25 0.00	41.12 0.25 0.00	39.42 0.27 0.00	40.93 0.53 0.00	42.75 0.59 0.00	41.64 0.33 0.00	45.92 0.27 0.00	49.49 0.20 0.00	52.06 0.16 0.00	55.98 0.00 0.00	58.79 0.06 0.00	55.85 0.17 0.00	54.15 0.27 0.00	62.34 0.49 0.00	69.81 0.90 0.00	70.23 1.04 0.00	61.75 0.91 0.00	52.09 0.77 0.00	47.25 0.56 0.00	44.07 0.61 0.00	42.92 0.51 0.00

CORONA V_69_KV_TB1 355595	54.35 3.27 -0.02	50.52 2.86 -0.02	46.83 2.77 -0.02	44.01 2.72 -0.02	43.63 2.74 -0.02	41.80 2.66 0.00	43.03 2.63 0.00	45.13 2.95 -0.02	44.51 3.18 -0.02	49.23 3.56 -0.02	87.56 3.80 -34.46	93.51 4.15 -37.45	98.51 4.87 -37.66	100.19 5.11 -36.35	103.30 4.68 -42.94	111.37 4.63 -52.85	120.59 5.50 -53.24	117.41 6.00 -42.50	99.33 6.09 -24.04	101.72 5.41 -35.47	94.92 4.16 -39.44	68.60 3.92 -17.99	60.23 3.39 -13.38	45.78 3.35 -0.02
CORTLAND_115KV_TB3 80093	51.07 0.00 0.00	47.64 0.00 0.00	44.04 0.00 0.00	41.27 0.00 0.00	40.91 0.04 0.00	39.18 0.04 0.00	40.60 0.20 0.00	42.41 0.25 0.00	41.40 0.08 0.00	45.70 0.05 0.00	49.30 0.00 0.00	51.86 -0.05 0.00	55.81 -0.17 0.00	58.61 -0.12 0.00	55.62 -0.06 0.00	53.82 -0.05 0.00	61.91 0.06 0.00	69.19 0.28 0.00	69.54 0.35 0.00	61.14 0.30 0.00	51.58 0.26 0.00	46.88 0.19 0.00	43.72 0.26 0.00	42.58 0.17 0.00
COXSACKIE___GT 23611	54.38 3.32 0.00	50.65 3.00 0.00	47.08 3.04 0.00	43.99 2.72 0.00	43.69 2.82 0.00	41.73 2.58 0.00	43.03 2.62 0.00	44.86 2.70 0.00	44.00 2.68 0.00	48.71 3.06 0.00	52.25 2.96 0.00	54.76 2.85 0.00	59.28 3.30 0.00	62.19 3.46 0.00	59.25 3.57 0.00	57.76 3.88 0.00	66.98 5.13 0.00	74.57 5.65 0.00	74.94 5.74 0.00	65.83 4.99 0.00	55.27 3.95 0.00	50.24 3.55 0.00	46.55 3.09 0.00	45.30 2.89 0.00
CPV_VALLEY___CC1 323721	52.34 1.28 0.00	48.69 1.05 0.00	45.10 1.06 0.00	42.30 1.03 0.00	41.98 1.10 0.00	40.20 1.06 0.00	41.49 1.09 0.00	43.38 1.22 0.00	42.76 1.45 0.00	47.39 1.73 0.00	51.17 1.87 0.00	53.88 1.97 0.00	58.38 2.41 0.00	61.25 2.52 0.00	57.96 2.28 0.00	56.09 2.21 0.00	64.57 2.72 0.00	71.88 2.96 0.00	72.24 3.04 0.00	63.51 2.67 0.00	53.48 2.16 0.00	48.70 2.01 0.00	45.15 1.69 0.00	43.98 1.57 0.00
CPV_VALLEY___CC2 323722	52.34 1.28 0.00	48.69 1.05 0.00	45.10 1.06 0.00	42.30 1.03 0.00	41.98 1.10 0.00	40.20 1.06 0.00	41.49 1.09 0.00	43.38 1.22 0.00	42.76 1.45 0.00	47.39 1.73 0.00	51.17 1.87 0.00	53.88 1.97 0.00	58.38 2.41 0.00	61.25 2.52 0.00	57.96 2.28 0.00	56.09 2.21 0.00	64.57 2.72 0.00	71.88 2.96 0.00	72.24 3.04 0.00	63.51 2.67 0.00	53.48 2.16 0.00	48.70 2.01 0.00	45.15 1.69 0.00	43.98 1.57 0.00
CRESCENT___HYD 24018	53.26 2.19 0.00	49.64 2.00 0.00	45.93 1.89 0.00	43.00 1.73 0.00	42.67 1.80 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.01 1.85 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.00 3.02 0.00	61.84 3.11 0.00	58.57 2.89 0.00	56.73 2.85 0.00	65.19 3.34 0.00	72.43 3.51 0.00	72.72 3.53 0.00	64.00 3.16 0.00	53.84 2.51 0.00	49.02 2.33 0.00	45.55 2.09 0.00	44.53 2.12 0.00
CRICKET___VALLEY_CC1 323756	53.11 2.04 0.00	49.41 1.76 0.00	45.76 1.72 0.00	42.92 1.65 0.00	42.59 1.72 0.00	40.75 1.61 0.00	42.06 1.66 0.00	43.97 1.81 0.00	43.38 2.06 0.00	48.07 2.42 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.17 3.19 0.00	62.07 3.35 0.00	58.68 3.00 0.00	56.79 2.91 0.00	65.37 3.52 0.00	72.70 3.79 0.00	73.07 3.87 0.00	64.30 3.47 0.00	54.04 2.72 0.00	49.21 2.52 0.00	45.63 2.17 0.00	44.53 2.12 0.00
CRICKET___VALLEY_CC2 323757	53.11 2.04 0.00	49.41 1.76 0.00	45.76 1.72 0.00	42.92 1.65 0.00	42.59 1.72 0.00	40.75 1.61 0.00	42.06 1.66 0.00	43.97 1.81 0.00	43.38 2.06 0.00	48.07 2.42 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.17 3.19 0.00	62.07 3.35 0.00	58.68 3.00 0.00	56.79 2.91 0.00	65.37 3.52 0.00	72.70 3.79 0.00	73.07 3.87 0.00	64.30 3.47 0.00	54.04 2.72 0.00	49.21 2.52 0.00	45.63 2.17 0.00	44.53 2.12 0.00
CRICKET___VALLEY_CC3 323758	53.11 2.04 0.00	49.41 1.76 0.00	45.76 1.72 0.00	42.92 1.65 0.00	42.59 1.72 0.00	40.75 1.61 0.00	42.06 1.66 0.00	43.97 1.81 0.00	43.38 2.06 0.00	48.07 2.42 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.17 3.19 0.00	62.07 3.35 0.00	58.68 3.00 0.00	56.79 2.91 0.00	65.37 3.52 0.00	72.70 3.79 0.00	73.07 3.87 0.00	64.30 3.47 0.00	54.04 2.72 0.00	49.21 2.52 0.00	45.63 2.17 0.00	44.53 2.12 0.00
CRUCIBLE_METL_DRP 24180	50.45 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.02 -0.29 0.00	45.29 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.31 -0.67 0.00	58.08 -0.65 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
DAHOWA___HYDRO 323763	54.23 3.17 0.00	50.65 3.00 0.00	46.77 2.73 0.00	43.78 2.52 0.00	43.45 2.58 0.00	41.61 2.47 0.00	42.91 2.51 0.00	44.90 2.74 0.00	44.16 2.85 0.00	49.12 3.47 0.00	53.24 3.95 0.00	55.96 4.05 0.00	60.29 4.31 0.00	63.19 4.46 0.00	59.86 4.18 0.00	58.03 4.15 0.00	66.73 4.88 0.00	73.94 5.03 0.00	74.18 4.98 0.00	65.22 4.38 0.00	54.81 3.49 0.00	49.82 3.13 0.00	46.33 2.87 0.00	45.30 2.89 0.00
DANC___LFGE 323619	50.61 -0.46 0.00	47.17 -0.48 0.00	43.51 -0.53 0.00	40.81 -0.45 0.00	40.34 -0.53 0.00	38.51 -0.63 0.00	39.71 -0.69 0.00	41.44 -0.72 0.00	40.49 -0.83 0.00	44.65 -1.00 0.00	48.41 -0.89 0.00	50.98 -0.93 0.00	54.86 -1.12 0.00	57.67 -1.06 0.00	54.73 -0.95 0.00	53.01 -0.86 0.00	60.92 -0.93 0.00	68.16 -0.76 0.00	68.78 -0.41 0.00	60.23 -0.61 0.00	50.81 -0.51 0.00	46.31 -0.38 0.00	43.03 -0.43 0.00	41.99 -0.42 0.00
DANSKAMMER___1 23586	53.57 2.50 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.25 1.98 0.00	42.91 2.04 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.71 2.40 0.00	48.53 2.88 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.95 3.97 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.59 3.71 0.00	66.43 4.58 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.91 3.22 0.00	46.16 2.70 0.00	44.96 2.54 0.00
DANSKAMMER___2 23589	53.57 2.50 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.25 1.98 0.00	42.91 2.04 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.71 2.40 0.00	48.53 2.88 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.95 3.97 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.59 3.71 0.00	66.43 4.58 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.91 3.22 0.00	46.16 2.70 0.00	44.96 2.54 0.00
DANSKAMMER___3 23590	53.57 2.50 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.25 1.98 0.00	42.91 2.04 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.71 2.40 0.00	48.53 2.88 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.95 3.97 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.59 3.71 0.00	66.43 4.58 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.91 3.22 0.00	46.16 2.70 0.00	44.96 2.54 0.00

DANSKAMMER___4 23591	53.57 2.50 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.25 1.98 0.00	42.91 2.04 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.71 2.40 0.00	48.53 2.88 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.95 3.97 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.59 3.71 0.00	66.43 4.58 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.91 3.22 0.00	46.16 2.70 0.00	44.96 2.54 0.00
DANSKAMMER___DIESEL 23592	53.57 2.50 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.71 2.40 0.00	48.53 2.88 0.00	52.40 3.11 0.00	55.18 3.27 0.00	59.90 3.92 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.60 3.72 0.00	66.43 4.58 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.28 4.44 0.00	54.76 3.44 0.00	49.91 3.22 0.00	46.16 2.69 0.00	45.00 2.59 0.00
DARBY___SOLAR 323810	53.98 2.91 0.00	50.41 2.76 0.00	46.55 2.51 0.00	43.58 2.31 0.00	43.24 2.37 0.00	41.41 2.27 0.00	42.70 2.30 0.00	44.69 2.53 0.00	43.92 2.60 0.00	48.85 3.19 0.00	52.89 3.60 0.00	55.65 3.74 0.00	59.95 3.97 0.00	62.90 4.17 0.00	59.58 3.90 0.00	57.70 3.83 0.00	66.36 4.51 0.00	73.53 4.62 0.00	73.83 4.64 0.00	64.91 4.08 0.00	54.56 3.24 0.00	49.63 2.94 0.00	46.16 2.70 0.00	45.13 2.72 0.00
DASHVILLE___HYD 23610	53.06 1.99 0.00	49.26 1.62 0.00	45.71 1.67 0.00	42.84 1.57 0.00	42.51 1.63 0.00	40.67 1.53 0.00	41.94 1.54 0.00	43.81 1.64 0.00	43.17 1.86 0.00	47.89 2.24 0.00	51.61 2.32 0.00	54.35 2.44 0.00	59.06 3.08 0.00	61.96 3.23 0.00	58.69 3.01 0.00	56.84 2.96 0.00	65.56 3.71 0.00	72.91 4.00 0.00	73.35 4.15 0.00	64.49 3.65 0.00	54.09 2.77 0.00	49.30 2.61 0.00	45.63 2.17 0.00	44.53 2.12 0.00
DELAWARE___LFGE 323621	51.99 0.92 0.00	48.41 0.76 0.00	44.74 0.70 0.00	41.97 0.70 0.00	41.57 0.69 0.00	39.81 0.67 0.00	41.09 0.69 0.00	42.96 0.80 0.00	42.18 0.87 0.00	46.79 1.14 0.00	50.58 1.28 0.00	53.26 1.35 0.00	57.49 1.51 0.00	60.37 1.64 0.00	57.13 1.45 0.00	55.33 1.45 0.00	63.58 1.73 0.00	70.85 1.93 0.00	71.27 2.08 0.00	62.54 1.70 0.00	52.66 1.33 0.00	47.86 1.17 0.00	44.50 1.04 0.00	43.43 1.02 0.00
DERFIELD_115KV_TB7 355931	51.32 0.26 0.00	47.88 0.24 0.00	44.22 0.18 0.00	41.43 0.17 0.00	41.04 0.16 0.00	39.30 0.16 0.00	40.56 0.16 0.00	42.33 0.17 0.00	41.52 0.21 0.00	45.88 0.23 0.00	49.54 0.25 0.00	52.22 0.31 0.00	56.31 0.34 0.00	59.08 0.35 0.00	56.01 0.33 0.00	54.20 0.32 0.00	62.22 0.37 0.00	69.26 0.34 0.00	69.61 0.42 0.00	61.20 0.37 0.00	51.58 0.26 0.00	46.97 0.28 0.00	43.68 0.22 0.00	42.67 0.25 0.00
DOGLEVILLE___HYD 23807	54.79 3.73 0.00	50.93 3.29 0.00	46.86 2.82 0.00	43.74 2.48 0.00	43.20 2.33 0.00	41.30 2.15 0.00	42.58 2.18 0.00	44.44 2.28 0.00	43.58 2.27 0.00	48.30 2.65 0.00	52.25 2.96 0.00	55.18 3.27 0.00	59.56 3.58 0.00	62.60 3.88 0.00	59.24 3.56 0.00	57.33 3.45 0.00	65.62 3.77 0.00	73.19 4.27 0.00	73.62 4.43 0.00	64.55 3.71 0.00	54.35 3.03 0.00	49.49 2.80 0.00	45.98 2.52 0.00	44.87 2.46 0.00
DUNKIRK___115KV_TB_200 55889	48.26 -2.81 0.00	45.07 -2.57 0.00	41.49 -2.55 0.00	38.83 -2.43 0.00	38.38 -2.49 0.00	36.60 -2.54 0.00	37.94 -2.46 0.00	39.55 -2.61 0.00	37.88 -3.43 0.00	41.68 -3.97 0.00	44.96 -4.34 0.00	47.13 -4.78 0.00	50.16 -5.82 0.00	52.50 -6.23 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.66 -6.18 0.00	63.06 -5.86 0.00	63.73 -5.47 0.00	55.60 -5.23 0.00	47.22 -4.11 0.00	42.95 -3.74 0.00	41.16 -2.30 0.00	40.21 -2.21 0.00
DUNKIRK___1 23563	48.26 -2.81 0.00	45.07 -2.57 0.00	41.49 -2.55 0.00	38.83 -2.43 0.00	38.38 -2.49 0.00	36.60 -2.54 0.00	37.94 -2.46 0.00	39.55 -2.61 0.00	37.88 -3.43 0.00	41.68 -3.97 0.00	44.96 -4.34 0.00	47.13 -4.78 0.00	50.16 -5.82 0.00	52.50 -6.23 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.66 -6.18 0.00	63.06 -5.86 0.00	63.73 -5.47 0.00	55.60 -5.23 0.00	47.22 -4.11 0.00	42.95 -3.74 0.00	41.16 -2.30 0.00	40.21 -2.21 0.00
DUNKIRK___2 23564	48.26 -2.81 0.00	45.07 -2.57 0.00	41.49 -2.55 0.00	38.83 -2.43 0.00	38.38 -2.49 0.00	36.60 -2.54 0.00	37.94 -2.46 0.00	39.55 -2.61 0.00	37.88 -3.43 0.00	41.68 -3.97 0.00	44.96 -4.34 0.00	47.13 -4.78 0.00	50.16 -5.82 0.00	52.50 -6.23 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.66 -6.18 0.00	63.06 -5.86 0.00	63.73 -5.47 0.00	55.60 -5.23 0.00	47.22 -4.11 0.00	42.95 -3.74 0.00	41.16 -2.30 0.00	40.21 -2.21 0.00
DUNKIRK___3 23565	48.36 -2.71 0.00	45.17 -2.48 0.00	41.66 -2.38 0.00	39.00 -2.27 0.00	38.54 -2.33 0.00	36.79 -2.35 0.00	38.14 -2.26 0.00	39.72 -2.45 0.00	38.05 -3.26 0.00	41.86 -3.79 0.00	45.16 -4.14 0.00	47.34 -4.57 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.28 -5.40 0.00	48.76 -5.12 0.00	55.85 -6.00 0.00	63.06 -5.86 0.00	63.66 -5.54 0.00	55.73 -5.11 0.00	47.37 -3.95 0.00	43.09 -3.60 0.00	41.24 -2.22 0.00	40.33 -2.08 0.00
DUNKIRK___4 23566	48.36 -2.71 0.00	45.17 -2.48 0.00	41.66 -2.38 0.00	39.00 -2.27 0.00	38.54 -2.33 0.00	36.79 -2.35 0.00	38.14 -2.26 0.00	39.72 -2.45 0.00	38.05 -3.26 0.00	41.86 -3.79 0.00	45.16 -4.14 0.00	47.34 -4.57 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.28 -5.40 0.00	48.76 -5.12 0.00	55.85 -6.00 0.00	63.06 -5.86 0.00	63.66 -5.54 0.00	55.73 -5.11 0.00	47.37 -3.95 0.00	43.09 -3.60 0.00	41.24 -2.22 0.00	40.33 -2.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.52 2.45 0.00	49.64 2.00 0.00	46.02 1.98 0.00	43.17 1.90 0.00	42.83 1.96 0.00	41.02 1.88 0.00	42.34 1.94 0.00	44.31 2.15 0.00	43.79 2.48 0.00	48.53 2.88 0.00	52.45 3.15 0.00	55.28 3.37 0.00	60.06 4.09 0.00	63.01 4.29 0.00	59.58 3.90 0.00	57.65 3.77 0.00	66.36 4.51 0.00	73.81 4.89 0.00	74.18 4.98 0.00	65.28 4.44 0.00	54.81 3.49 0.00	49.96 3.27 0.00	46.24 2.78 0.00	45.17 2.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.11 2.04 0.00	49.36 1.72 0.00	45.71 1.67 0.00	42.88 1.61 0.00	42.55 1.68 0.00	40.75 1.60 0.00	42.06 1.66 0.00	43.97 1.81 0.00	43.34 2.02 0.00	48.07 2.42 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.34 3.36 0.00	62.25 3.52 0.00	58.91 3.23 0.00	57.06 3.18 0.00	65.74 3.90 0.00	73.12 4.20 0.00	73.49 4.29 0.00	64.67 3.83 0.00	54.30 2.98 0.00	49.49 2.80 0.00	45.81 2.35 0.00	44.66 2.25 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.47 2.40 0.00	49.55 1.91 0.00	45.89 1.85 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.23 2.07 0.00	43.75 2.44 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.19 4.20 -0.02	63.15 4.40 -0.02	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.46 4.62 0.00	54.97 3.64 0.00	50.14 3.46 0.00	46.55 3.09 0.00	45.64 3.22 0.00

E179THST_13_KV_LOAD 356214	53.67 2.60 0.00	49.74 2.10 0.00	46.07 2.03 0.00	43.54 2.27 0.00	43.16 2.29 0.00	41.26 2.11 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.80 3.15 0.00	52.80 3.50 0.00	55.70 3.79 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	60.02 4.34 0.00	58.08 4.20 0.00	66.86 5.01 0.00	74.29 5.38 0.00	74.66 5.47 0.00	65.76 4.93 0.00	55.22 3.90 0.00	50.33 3.64 0.00	46.72 3.26 0.00	45.85 3.44 0.00
EAST HAMPTON___GT 23717	56.84 5.77 -0.01	52.65 5.00 -0.01	48.76 4.71 -0.01	45.61 4.33 -0.01	45.21 4.33 -0.01	42.94 3.80 0.00	43.55 3.15 0.00	45.42 3.25 -0.01	44.67 3.34 -0.01	49.45 3.79 -0.01	72.64 4.24 -19.10	77.49 4.83 -20.75	82.40 5.54 -20.88	84.63 5.76 -20.15	84.38 4.90 -23.80	88.40 5.22 -29.29	97.35 6.00 -29.51	98.95 6.48 -23.56	89.02 6.50 -13.32	86.21 5.72 -19.66	77.39 4.21 -21.86	60.44 3.78 -9.97	54.05 3.17 -7.42	45.98 3.56 -0.01
EAST RIVER___6 23660	53.52 2.45 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.17 1.90 0.00	42.87 2.00 0.00	41.06 1.92 0.00	42.34 1.94 0.00	44.39 2.23 0.00	43.92 2.60 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.38 4.64 -0.02	59.92 4.23 -0.01	57.92 4.04 0.00	66.74 4.88 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.65 4.80 -0.01	55.07 3.74 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
EAST RIVER___7 23524	53.52 2.45 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.17 1.90 0.00	42.87 2.00 0.00	41.06 1.92 0.00	42.34 1.94 0.00	44.39 2.23 0.00	43.92 2.60 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.38 4.64 -0.02	59.92 4.23 -0.01	57.92 4.04 0.00	66.74 4.88 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.65 4.80 -0.01	55.07 3.74 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.42 2.35 0.00	49.50 1.86 0.00	45.85 1.81 0.00	43.04 1.77 0.00	42.71 1.84 0.00	40.90 1.76 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.63 2.31 0.00	48.34 2.69 0.00	52.25 2.96 0.00	55.07 3.17 0.00	59.78 3.81 0.00	62.72 3.99 0.00	59.30 3.62 0.00	57.38 3.50 0.00	66.05 4.21 0.00	73.53 4.62 0.00	73.90 4.71 0.00	64.97 4.14 0.00	54.61 3.28 0.00	49.77 3.08 0.00	46.07 2.61 0.00	44.96 2.54 0.00
EAST_HAMPTON___DIESEL 23722	56.89 5.82 -0.01	52.65 5.00 -0.01	48.76 4.71 -0.01	45.57 4.29 -0.01	45.21 4.33 -0.01	42.90 3.76 0.00	43.51 3.11 0.00	45.33 3.16 -0.01	44.55 3.22 -0.01	49.31 3.65 -0.01	72.54 4.14 -19.10	77.39 4.72 -20.75	82.28 5.43 -20.88	84.46 5.58 -20.15	84.27 4.79 -23.80	88.23 5.06 -29.29	97.17 5.81 -29.51	98.74 6.27 -23.56	88.82 6.30 -13.32	86.03 5.54 -19.66	77.24 4.05 -21.86	60.30 3.64 -9.97	53.92 3.04 -7.42	45.90 3.48 -0.01
EAST_POINT___SOLAR 323840	52.39 1.33 0.00	48.93 1.29 0.00	45.23 1.19 0.00	42.30 1.03 0.00	42.06 1.19 0.00	40.20 1.06 0.00	41.49 1.09 0.00	43.47 1.31 0.00	42.43 1.12 0.00	46.93 1.28 0.00	50.92 1.62 0.00	53.67 1.77 0.00	57.77 1.79 0.00	60.78 2.05 0.00	57.74 2.06 0.00	56.30 2.43 0.00	64.88 3.03 0.00	72.09 3.17 0.00	72.45 3.25 0.00	63.58 2.74 0.00	53.43 2.11 0.00	48.28 1.59 0.00	44.98 1.52 0.00	43.81 1.40 0.00
EAST_PULASKI___ESR 323781	50.20 -0.87 0.00	46.83 -0.81 0.00	43.25 -0.79 0.00	40.57 -0.70 0.00	40.18 -0.70 0.00	38.44 -0.70 0.00	39.67 -0.73 0.00	41.44 -0.72 0.00	40.44 -0.87 0.00	44.55 -1.10 0.00	48.21 -1.08 0.00	50.77 -1.14 0.00	54.63 -1.34 0.00	57.38 -1.35 0.00	54.45 -1.23 0.00	52.69 -1.19 0.00	60.49 -1.36 0.00	67.60 -1.31 0.00	68.02 -1.18 0.00	59.74 -1.09 0.00	50.40 -0.92 0.00	45.90 -0.79 0.00	42.72 -0.74 0.00	41.69 -0.72 0.00
EAST_RIVER___1 323558	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.76 3.11 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.41 4.42 -0.02	63.33 4.58 -0.02	59.87 4.18 -0.01	57.92 4.04 0.00	66.68 4.83 -0.01	74.16 5.24 -0.01	74.52 5.33 0.00	65.59 4.75 -0.01	55.07 3.74 0.00	50.24 3.55 0.00	46.47 3.00 -0.01	45.31 2.89 -0.01
EAST_RIVER___2 323559	53.52 2.45 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.17 1.90 0.00	42.87 2.00 0.00	41.06 1.92 0.00	42.34 1.94 0.00	44.39 2.23 0.00	43.92 2.60 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.38 4.64 -0.02	59.92 4.23 -0.01	57.92 4.04 0.00	66.74 4.88 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.65 4.80 -0.01	55.07 3.74 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
EAST___DELAWARE_HYD 23607	53.52 2.45 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.21 1.94 0.00	42.87 2.00 0.00	41.02 1.88 0.00	42.38 1.98 0.00	44.27 2.11 0.00	43.62 2.31 0.00	48.44 2.79 0.00	52.20 2.91 0.00	54.92 3.01 0.00	59.61 3.64 0.00	62.60 3.88 0.00	59.30 3.62 0.00	57.43 3.56 0.00	66.30 4.46 0.00	73.81 4.89 0.00	74.24 5.05 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.87 3.18 0.00	46.16 2.70 0.00	44.87 2.46 0.00
EIGHT_POINT___WT_PWR 323820	48.10 -2.96 0.00	44.74 -2.91 0.00	41.09 -2.95 0.00	38.30 -2.97 0.00	37.73 -3.15 0.00	36.17 -2.98 0.00	37.61 -2.79 0.00	39.34 -2.82 0.00	37.88 -3.43 0.00	41.72 -3.93 0.00	44.96 -4.34 0.00	47.13 -4.77 0.00	50.43 -5.54 0.00	52.97 -5.75 0.00	50.39 -5.29 0.00	48.87 -5.01 0.00	56.34 -5.50 0.00	63.34 -5.58 0.00	63.80 -5.40 0.00	56.09 -4.75 0.00	47.53 -3.80 0.00	43.14 -3.55 0.00	40.85 -2.61 0.00	40.00 -2.42 0.00
ELBRIDGE_115KV_TB2 80188	50.20 -0.87 0.00	46.88 -0.76 0.00	43.34 -0.70 0.00	40.65 -0.62 0.00	40.30 -0.57 0.00	38.63 -0.51 0.00	40.04 -0.36 0.00	41.78 -0.38 0.00	40.73 -0.58 0.00	44.92 -0.73 0.00	48.46 -0.84 0.00	51.03 -0.88 0.00	54.91 -1.06 0.00	57.61 -1.12 0.00	54.68 -1.00 0.00	52.85 -1.02 0.00	60.74 -1.11 0.00	67.81 -1.10 0.00	68.09 -1.11 0.00	59.86 -0.97 0.00	50.55 -0.77 0.00	45.94 -0.75 0.00	42.90 -0.56 0.00	41.78 -0.64 0.00
ELEC_TRO_TEK 24086	54.10 3.01 -0.02	50.28 2.62 -0.02	46.61 2.55 -0.02	43.80 2.52 -0.02	43.42 2.53 -0.02	41.65 2.51 0.00	42.87 2.46 0.00	44.92 2.74 -0.02	44.30 2.97 -0.02	49.00 3.33 -0.02	86.85 3.50 -34.06	92.70 3.79 -37.00	97.67 4.48 -37.22	99.35 4.70 -35.92	102.40 4.29 -42.44	110.42 4.31 -52.23	119.59 5.13 -52.61	116.43 5.51 -42.00	98.63 5.67 -23.76	100.93 5.05 -35.05	94.15 3.85 -38.97	68.11 3.64 -17.78	59.86 3.17 -13.23	45.57 3.14 -0.02
ELLENBURG_WT_PWR 323604	51.32 0.26 0.00	47.93 0.29 0.00	44.22 0.18 0.00	41.35 0.08 0.00	40.87 0.00 0.00	39.03 -0.12 0.00	40.08 -0.32 0.00	41.66 -0.50 0.00	40.77 -0.54 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.13 -0.95 0.00	55.03 -1.12 0.00	57.61 -0.95 0.00	54.73 -0.92 0.00	52.96 -0.92 0.00	60.67 -1.18 0.00	67.60 -1.31 0.00	67.81 -1.38 0.00	59.50 -1.34 0.00	50.35 -0.98 0.00	45.66 -1.03 0.00	42.42 -1.04 0.00	41.27 -1.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	48.41 -2.66 0.00	45.31 -2.33 0.00	41.79 -2.25 0.00	39.16 -2.10 0.00	38.75 -2.13 0.00	37.03 -2.11 0.00	38.38 -2.02 0.00	39.88 -2.28 0.00	38.17 -3.14 0.00	42.00 -3.65 0.00	45.30 -3.99 0.00	47.50 -4.41 0.00	50.49 -5.49 0.00	52.91 -5.81 0.00	50.33 -5.35 0.00	48.81 -5.06 0.00	55.85 -6.00 0.00	62.71 -6.20 0.00	63.24 -5.95 0.00	55.60 -5.23 0.00	47.27 -4.05 0.00	43.05 -3.64 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
EMPIRE_CC_1 323656	52.70 1.63 0.00	49.12 1.48 0.00	45.45 1.41 0.00	42.59 1.32 0.00	42.26 1.39 0.00	40.47 1.33 0.00	41.69 1.29 0.00	43.47 1.31 0.00	42.76 1.45 0.00	47.34 1.69 0.00	51.27 1.97 0.00	53.88 1.97 0.00	58.27 2.30 0.00	60.96 2.23 0.00	57.85 2.17 0.00	55.98 2.10 0.00	64.20 2.35 0.00	71.39 2.48 0.00	71.68 2.49 0.00	63.09 2.25 0.00	53.17 1.84 0.00	48.42 1.73 0.00	44.94 1.48 0.00	44.15 1.74 0.00
EMPIRE_CC_2 323658	52.70 1.63 0.00	49.12 1.48 0.00	45.45 1.41 0.00	42.59 1.32 0.00	42.26 1.39 0.00	40.47 1.33 0.00	41.69 1.29 0.00	43.47 1.31 0.00	42.76 1.45 0.00	47.34 1.69 0.00	51.27 1.97 0.00	53.88 1.97 0.00	58.27 2.30 0.00	60.96 2.23 0.00	57.85 2.17 0.00	55.98 2.10 0.00	64.20 2.35 0.00	71.39 2.48 0.00	71.68 2.49 0.00	63.09 2.25 0.00	53.17 1.84 0.00	48.42 1.73 0.00	44.94 1.48 0.00	44.15 1.74 0.00
ENORWICH_115KV_TB1 80156	53.31 2.25 0.00	49.60 1.95 0.00	45.63 1.59 0.00	42.67 1.40 0.00	42.10 1.23 0.00	40.20 1.06 0.00	41.61 1.21 0.00	43.51 1.35 0.00	42.51 1.20 0.00	47.25 1.60 0.00	51.02 1.73 0.00	53.72 1.82 0.00	57.77 1.79 0.00	61.08 2.35 0.00	58.07 2.39 0.00	56.41 2.53 0.00	65.00 3.15 0.00	73.05 4.13 0.00	73.76 4.57 0.00	64.43 3.59 0.00	54.25 2.93 0.00	48.79 2.10 0.00	45.33 1.87 0.00	44.11 1.70 0.00
ERIE_ST__34_KV_TB1-2 80199	48.92 -2.14 0.00	45.79 -1.86 0.00	42.19 -1.85 0.00	39.53 -1.73 0.00	39.07 -1.80 0.00	37.30 -1.84 0.00	38.66 -1.74 0.00	40.14 -2.02 0.00	38.46 -2.85 0.00	42.32 -3.33 0.00	45.70 -3.60 0.00	47.91 -4.00 0.00	51.00 -4.98 0.00	53.38 -5.34 0.00	50.84 -4.84 0.00	49.30 -4.58 0.00	56.47 -5.38 0.00	63.40 -5.51 0.00	64.07 -5.12 0.00	56.33 -4.50 0.00	47.83 -3.49 0.00	43.51 -3.17 0.00	41.68 -1.78 0.00	40.80 -1.61 0.00
ERIE_WT_PWR 323693	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.66 -2.21 0.00	37.11 -2.04 0.00	38.46 -1.94 0.00	40.01 -2.15 0.00	38.30 -3.01 0.00	42.14 -3.51 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.66 -5.32 0.00	53.09 -5.64 0.00	50.50 -5.18 0.00	48.98 -4.90 0.00	56.03 -5.82 0.00	62.99 -5.93 0.00	63.52 -5.67 0.00	55.85 -4.99 0.00	47.47 -3.85 0.00	43.24 -3.45 0.00	41.46 -2.00 0.00	40.80 -1.61 0.00
ESPRGFLD_115KV_TB1 80157	51.07 0.00 0.00	47.60 -0.05 0.00	43.95 -0.09 0.00	41.18 -0.08 0.00	40.83 -0.04 0.00	39.06 -0.08 0.00	40.36 -0.04 0.00	42.25 0.08 0.00	41.35 0.04 0.00	45.88 0.23 0.00	49.64 0.35 0.00	52.32 0.42 0.00	56.43 0.45 0.00	59.31 0.59 0.00	56.24 0.56 0.00	54.58 0.70 0.00	62.78 0.93 0.00	70.02 1.10 0.00	70.51 1.31 0.00	61.81 0.97 0.00	51.94 0.62 0.00	47.06 0.37 0.00	43.77 0.30 0.00	42.67 0.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.32 0.26 0.00	47.88 0.24 0.00	44.22 0.18 0.00	41.47 0.21 0.00	41.08 0.20 0.00	39.38 0.23 0.00	40.85 0.44 0.00	42.67 0.51 0.00	41.56 0.25 0.00	45.88 0.23 0.00	49.44 0.15 0.00	52.01 0.10 0.00	55.92 -0.06 0.00	58.73 0.00 0.00	55.79 0.11 0.00	54.04 0.16 0.00	62.22 0.37 0.00	69.67 0.76 0.00	70.09 0.90 0.00	61.57 0.73 0.00	51.99 0.67 0.00	47.16 0.47 0.00	43.98 0.52 0.00	42.84 0.42 0.00
ETNA____115KV_TB2 80207	51.32 0.26 0.00	47.88 0.24 0.00	44.22 0.18 0.00	41.47 0.21 0.00	41.08 0.20 0.00	39.38 0.23 0.00	40.85 0.44 0.00	42.67 0.51 0.00	41.56 0.25 0.00	45.88 0.23 0.00	49.44 0.15 0.00	52.01 0.10 0.00	55.92 -0.06 0.00	58.73 0.00 0.00	55.79 0.11 0.00	54.04 0.16 0.00	62.22 0.37 0.00	69.67 0.76 0.00	70.09 0.90 0.00	61.57 0.73 0.00	51.99 0.67 0.00	47.16 0.47 0.00	43.98 0.52 0.00	42.84 0.42 0.00
EUCLID__115KV_TB2 356179	49.99 -1.07 0.00	46.74 -0.91 0.00	43.16 -0.88 0.00	40.48 -0.78 0.00	40.14 -0.74 0.00	38.48 -0.67 0.00	39.84 -0.57 0.00	41.57 -0.59 0.00	40.53 -0.78 0.00	44.69 -0.96 0.00	48.21 -1.08 0.00	50.77 -1.14 0.00	54.63 -1.34 0.00	57.32 -1.41 0.00	54.40 -1.28 0.00	52.64 -1.24 0.00	60.36 -1.48 0.00	67.40 -1.52 0.00	67.67 -1.52 0.00	59.56 -1.28 0.00	50.24 -1.08 0.00	45.71 -0.98 0.00	42.68 -0.78 0.00	41.56 -0.85 0.00
E_CANADA_CAP_HY 24051	51.02 -0.05 0.00	47.64 0.00 0.00	44.00 -0.04 0.00	41.18 -0.08 0.00	40.91 0.04 0.00	39.10 -0.04 0.00	40.36 -0.04 0.00	42.20 0.04 0.00	41.27 -0.04 0.00	45.74 0.09 0.00	49.49 0.20 0.00	52.17 0.26 0.00	56.26 0.28 0.00	59.14 0.41 0.00	56.18 0.50 0.00	54.69 0.81 0.00	62.90 1.05 0.00	70.02 1.10 0.00	70.37 1.18 0.00	61.81 0.97 0.00	51.89 0.57 0.00	46.97 0.28 0.00	43.81 0.35 0.00	42.67 0.26 0.00
E_CANADA_MHWK_HY 24050	54.79 3.73 0.00	50.93 3.28 0.00	46.86 2.82 0.00	43.74 2.48 0.00	43.20 2.33 0.00	41.29 2.15 0.00	42.58 2.18 0.00	44.44 2.28 0.00	43.58 2.27 0.00	48.30 2.65 0.00	52.25 2.96 0.00	55.18 3.27 0.00	59.56 3.59 0.00	62.60 3.88 0.00	59.25 3.57 0.00	57.33 3.45 0.00	65.62 3.77 0.00	73.19 4.27 0.00	73.63 4.43 0.00	64.55 3.71 0.00	54.35 3.03 0.00	49.49 2.80 0.00	45.98 2.52 0.00	44.87 2.46 0.00
E_FISHKILL__LBMP 23776	53.16 2.09 0.00	49.36 1.72 0.00	45.76 1.72 0.00	42.92 1.65 0.00	42.55 1.68 0.00	40.79 1.64 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.12 2.47 0.00	51.96 2.66 0.00	54.76 2.85 0.00	59.39 3.41 0.00	62.31 3.58 0.00	58.97 3.29 0.00	57.00 3.12 0.00	65.62 3.77 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.25 2.93 0.00	49.44 2.75 0.00	45.81 2.35 0.00	44.75 2.33 0.00
FALCON__SEABRD_CC1 323796	51.83 0.77 0.00	48.40 0.76 0.00	44.66 0.62 0.00	41.76 0.50 0.00	41.24 0.37 0.00	39.38 0.24 0.00	40.44 0.04 0.00	42.03 -0.13 0.00	41.15 -0.16 0.00	45.33 -0.32 0.00	49.00 -0.29 0.00	51.60 -0.31 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.29 -0.39 0.00	53.50 -0.37 0.00	61.35 -0.50 0.00	68.36 -0.55 0.00	68.57 -0.62 0.00	60.11 -0.73 0.00	50.91 -0.41 0.00	46.08 -0.61 0.00	42.81 -0.65 0.00	41.65 -0.76 0.00
FALCON__SEABRD_CC2 323797	51.83 0.77 0.00	48.40 0.76 0.00	44.66 0.62 0.00	41.76 0.50 0.00	41.24 0.37 0.00	39.38 0.24 0.00	40.44 0.04 0.00	42.03 -0.13 0.00	41.15 -0.16 0.00	45.33 -0.32 0.00	49.00 -0.29 0.00	51.60 -0.31 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.29 -0.39 0.00	53.50 -0.37 0.00	61.35 -0.50 0.00	68.36 -0.55 0.00	68.57 -0.62 0.00	60.11 -0.73 0.00	50.91 -0.41 0.00	46.08 -0.61 0.00	42.81 -0.65 0.00	41.65 -0.76 0.00

FAR ROCKAWAY___4 23548	54.76 3.68 -0.01	50.85 3.19 -0.01	47.14 3.08 -0.01	44.29 3.01 -0.01	43.91 3.02 -0.01	42.08 2.94 0.00	43.31 2.91 0.00	45.46 3.29 -0.01	44.80 3.47 -0.01	49.59 3.93 -0.01	84.72 4.29 -31.13	90.41 4.67 -33.83	95.37 5.37 -34.02	97.20 5.64 -32.84	99.65 5.18 -38.79	106.74 5.12 -47.74	116.07 6.12 -48.09	113.92 6.62 -38.39	97.62 6.71 -21.72	98.84 5.96 -32.04	91.52 4.57 -35.63	67.19 4.25 -16.25	59.29 3.74 -12.09	46.12 3.69 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.62 2.55 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.44 2.28 0.00	44.00 2.69 0.00	48.80 3.15 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.42 4.42 -0.02	63.38 4.64 -0.02	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.38 2.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.48 2.32 0.00	44.00 2.69 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.59 3.69 0.00	60.42 4.42 -0.02	63.38 4.64 -0.02	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.28 3.60 0.00	46.50 3.04 0.00	45.42 3.01 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.92 2.04 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.38 2.97 0.00
FARRAGUT___LBMP 323566	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.86 3.99 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
FENNER___WINDPWR 24204	51.68 0.62 0.00	48.22 0.57 0.00	44.53 0.49 0.00	41.76 0.50 0.00	41.36 0.49 0.00	39.61 0.47 0.00	40.97 0.57 0.00	42.79 0.63 0.00	41.81 0.50 0.00	46.24 0.59 0.00	49.94 0.64 0.00	52.58 0.67 0.00	56.65 0.67 0.00	59.55 0.82 0.00	56.40 0.72 0.00	54.63 0.75 0.00	62.71 0.87 0.00	70.02 1.10 0.00	70.44 1.25 0.00	61.81 0.97 0.00	52.14 0.82 0.00	47.39 0.70 0.00	44.11 0.65 0.00	43.05 0.64 0.00
FIBERTEK___ENERGY 23856	50.45 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.02 -0.29 0.00	45.29 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.31 -0.67 0.00	58.08 -0.65 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
FITZPATRICK___ 23598	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.01 -1.14 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.47 -1.82 0.00	49.99 -1.92 0.00	53.79 -2.18 0.00	56.44 -2.29 0.00	53.56 -2.12 0.00	51.83 -2.05 0.00	59.44 -2.41 0.00	66.37 -2.55 0.00	66.57 -2.63 0.00	58.59 -2.25 0.00	49.48 -1.85 0.00	45.01 -1.68 0.00	42.03 -1.43 0.00	40.97 -1.44 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.67 2.60 0.00	49.84 2.19 0.00	46.24 2.20 0.00	43.33 2.06 0.00	43.00 2.13 0.00	41.18 2.04 0.00	42.50 2.10 0.00	44.40 2.23 0.00	43.83 2.52 0.00	48.66 3.01 0.00	52.50 3.20 0.00	55.28 3.37 0.00	60.06 4.09 0.00	63.07 4.35 0.00	59.69 4.01 0.00	57.76 3.88 0.00	66.61 4.76 0.00	74.02 5.10 0.00	74.38 5.19 0.00	65.40 4.56 0.00	54.92 3.59 0.00	50.00 3.31 0.00	46.24 2.78 0.00	45.08 2.67 0.00
FORT ORANGE___ 23900	52.70 1.63 0.00	49.17 1.52 0.00	45.54 1.50 0.00	42.67 1.40 0.00	42.34 1.47 0.00	40.51 1.37 0.00	41.69 1.29 0.00	43.60 1.43 0.00	42.84 1.53 0.00	47.48 1.83 0.00	51.22 1.92 0.00	53.88 1.97 0.00	58.16 2.18 0.00	60.96 2.23 0.00	57.80 2.12 0.00	56.04 2.16 0.00	64.45 2.60 0.00	71.53 2.62 0.00	71.82 2.63 0.00	63.33 2.50 0.00	53.38 2.06 0.00	48.60 1.92 0.00	45.15 1.69 0.00	44.15 1.74 0.00
FORT_DRUM_COGEN 23780	51.27 0.20 0.00	47.64 0.00 0.00	43.91 -0.13 0.00	41.14 -0.12 0.00	40.67 -0.20 0.00	38.75 -0.39 0.00	39.79 -0.61 0.00	41.61 -0.55 0.00	40.65 -0.66 0.00	44.87 -0.78 0.00	48.75 -0.54 0.00	51.29 -0.62 0.00	55.19 -0.78 0.00	58.14 -0.59 0.00	55.18 -0.50 0.00	53.50 -0.38 0.00	61.48 -0.37 0.00	68.99 0.07 0.00	69.89 0.69 0.00	61.02 0.18 0.00	51.48 0.15 0.00	46.92 0.23 0.00	43.55 0.09 0.00	42.41 0.00 0.00
FOX_HILLS___ESR 323835	53.57 2.50 0.00	49.60 1.95 0.00	45.93 1.89 0.00	43.21 1.94 0.00	42.87 2.00 0.00	40.98 1.84 0.00	42.18 1.78 0.00	44.18 2.02 0.00	43.71 2.40 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.73 4.89 0.00	74.29 5.38 0.00	74.66 5.47 0.00	65.70 4.87 0.00	55.12 3.80 0.00	50.28 3.60 0.00	46.55 3.09 0.00	45.47 3.05 0.00
FPL_FAR_ROCK_GT1 24212	54.76 3.68 -0.01	50.85 3.19 -0.01	47.14 3.08 -0.01	44.29 3.01 -0.01	43.95 3.07 -0.01	42.08 2.94 0.00	43.31 2.91 0.00	45.42 3.25 -0.01	44.80 3.47 -0.01	49.59 3.93 -0.01	84.57 4.14 -31.13	90.41 4.67 -33.83	95.43 5.43 -34.02	97.21 5.64 -32.84	99.65 5.18 -38.79	106.74 5.12 -47.74	116.07 6.12 -48.09	113.92 6.62 -38.39	97.62 6.71 -21.72	98.84 5.97 -32.04	91.52 4.57 -35.63	67.19 4.25 -16.25	59.29 3.74 -12.09	46.03 3.60 -0.01
FPL_FAR_ROCK_GT2 23815	54.76 3.68 -0.01	50.85 3.19 -0.01	47.14 3.08 -0.01	44.29 3.01 -0.01	43.95 3.07 -0.01	42.08 2.94 0.00	43.31 2.91 0.00	45.42 3.25 -0.01	44.80 3.47 -0.01	49.59 3.93 -0.01	84.57 4.14 -31.13	90.41 4.67 -33.83	95.43 5.43 -34.02	97.21 5.64 -32.84	99.65 5.18 -38.79	106.74 5.12 -47.74	116.07 6.12 -48.09	113.92 6.62 -38.39	97.62 6.71 -21.72	98.84 5.97 -32.04	91.52 4.57 -35.63	67.19 4.25 -16.25	59.29 3.74 -12.09	46.03 3.60 -0.01
FRANKLIN_FALL_HYD 24054	51.73 0.66 0.00	48.41 0.76 0.00	44.61 0.57 0.00	41.72 0.45 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.40 0.00 0.00	42.08 -0.08 0.00	41.27 -0.04 0.00	45.56 -0.09 0.00	49.25 -0.05 0.00	51.86 -0.05 0.00	55.81 -0.17 0.00	58.43 -0.29 0.00	55.62 -0.06 0.00	53.82 -0.05 0.00	61.60 -0.25 0.00	68.64 -0.28 0.00	68.78 -0.42 0.00	60.23 -0.61 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	43.03 -0.43 0.00	41.86 -0.55 0.00

FREEPORT_EQUS_GT1 23764	54.50 3.42 -0.01	50.66 3.00 -0.01	46.91 2.86 -0.01	44.09 2.81 -0.01	43.74 2.86 -0.01	41.92 2.78 0.00	43.11 2.71 0.00	45.25 3.08 -0.01	44.63 3.31 -0.01	49.32 3.65 -0.01	79.25 3.74 -26.20	84.58 4.20 -28.47	89.60 4.98 -28.64	91.54 5.17 -27.64	93.12 4.79 -32.65	98.86 4.79 -40.19	108.02 5.69 -40.48	107.44 6.21 -32.31	93.84 6.36 -18.28	93.40 5.59 -26.97	85.62 4.31 -29.99	64.43 4.06 -13.68	57.20 3.56 -10.18	45.90 3.48 -0.01
FREEPORT___CT2 23818	54.50 3.42 -0.01	50.66 3.00 -0.01	46.91 2.86 -0.01	44.09 2.81 -0.01	43.74 2.86 -0.01	41.92 2.78 0.00	43.11 2.71 0.00	45.25 3.08 -0.01	44.63 3.31 -0.01	49.32 3.65 -0.01	79.25 3.74 -26.20	84.58 4.20 -28.47	89.60 4.98 -28.64	91.54 5.17 -27.64	93.12 4.79 -32.65	98.86 4.79 -40.19	108.02 5.69 -40.48	107.44 6.21 -32.31	93.84 6.36 -18.28	93.40 5.59 -26.97	85.62 4.31 -29.99	64.43 4.06 -13.68	57.20 3.56 -10.18	45.90 3.48 -0.01
FRESHKLS_33_KV_LOAD 356253	53.62 2.55 0.00	49.64 2.00 0.00	45.98 1.94 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.02 1.88 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.67 2.35 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.97 4.09 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.59 3.13 0.00	45.51 3.10 0.00
FULTON COGEN____ 23766	49.69 -1.38 0.00	46.45 -1.19 0.00	42.94 -1.10 0.00	40.28 -0.99 0.00	39.89 -0.98 0.00	38.28 -0.86 0.00	39.59 -0.81 0.00	41.32 -0.84 0.00	40.32 -0.99 0.00	44.46 -1.19 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	54.35 -1.62 0.00	57.02 -1.70 0.00	54.07 -1.61 0.00	52.32 -1.56 0.00	60.05 -1.79 0.00	67.06 -1.86 0.00	67.33 -1.87 0.00	59.25 -1.58 0.00	49.99 -1.33 0.00	45.48 -1.21 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
FULTON___LFGE 323630	52.39 1.33 0.00	48.93 1.29 0.00	45.23 1.19 0.00	42.34 1.07 0.00	42.06 1.19 0.00	40.20 1.06 0.00	41.45 1.05 0.00	43.38 1.22 0.00	42.43 1.12 0.00	46.93 1.28 0.00	50.77 1.48 0.00	53.52 1.61 0.00	57.66 1.68 0.00	60.61 1.88 0.00	57.57 1.89 0.00	56.09 2.21 0.00	64.57 2.72 0.00	71.81 2.89 0.00	72.17 2.97 0.00	63.39 2.55 0.00	53.27 1.95 0.00	48.28 1.59 0.00	44.94 1.48 0.00	43.81 1.40 0.00
G.F.CEMENT___DRP 24184	54.69 3.63 0.00	51.07 3.43 0.00	47.12 3.08 0.00	44.07 2.81 0.00	43.73 2.86 0.00	41.96 2.82 0.00	43.23 2.83 0.00	45.28 3.12 0.00	44.58 3.26 0.00	49.67 4.02 0.00	53.88 4.58 0.00	56.63 4.72 0.00	60.90 4.93 0.00	63.90 5.17 0.00	60.47 4.79 0.00	58.62 4.74 0.00	67.48 5.63 0.00	74.57 5.65 0.00	74.87 5.67 0.00	65.76 4.93 0.00	55.22 3.90 0.00	50.24 3.55 0.00	46.68 3.22 0.00	45.68 3.27 0.00
GARDENVILLE___LBMP 24039	48.46 -2.60 0.00	45.36 -2.29 0.00	41.84 -2.20 0.00	39.16 -2.10 0.00	38.75 -2.13 0.00	36.99 -2.15 0.00	38.34 -2.06 0.00	39.84 -2.32 0.00	38.13 -3.18 0.00	42.00 -3.65 0.00	45.25 -4.04 0.00	47.44 -4.46 0.00	50.49 -5.49 0.00	52.91 -5.81 0.00	50.33 -5.35 0.00	48.81 -5.06 0.00	55.85 -6.00 0.00	62.78 -6.13 0.00	63.31 -5.88 0.00	55.66 -5.17 0.00	47.32 -4.00 0.00	43.09 -3.60 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
GARDNVLA_35_KV_LD 355827	48.82 -2.25 0.00	45.64 -2.00 0.00	42.10 -1.94 0.00	39.45 -1.82 0.00	38.99 -1.88 0.00	37.22 -1.92 0.00	38.58 -1.82 0.00	40.09 -2.07 0.00	38.42 -2.89 0.00	42.27 -3.38 0.00	45.65 -3.65 0.00	47.86 -4.05 0.00	50.88 -5.09 0.00	53.32 -5.40 0.00	50.72 -4.96 0.00	49.19 -4.69 0.00	56.34 -5.50 0.00	63.20 -5.72 0.00	63.80 -5.40 0.00	56.09 -4.75 0.00	47.68 -3.64 0.00	43.37 -3.31 0.00	41.59 -1.87 0.00	40.72 -1.70 0.00
GELCKHM___115KV_LOAD 80723	50.20 -0.87 0.00	46.88 -0.76 0.00	43.34 -0.70 0.00	40.65 -0.62 0.00	40.30 -0.57 0.00	38.63 -0.51 0.00	40.00 -0.40 0.00	41.74 -0.42 0.00	40.73 -0.58 0.00	44.92 -0.73 0.00	48.46 -0.84 0.00	51.03 -0.88 0.00	54.91 -1.06 0.00	57.61 -1.12 0.00	54.68 -1.00 0.00	52.85 -1.02 0.00	60.67 -1.18 0.00	67.74 -1.17 0.00	68.02 -1.18 0.00	59.80 -1.03 0.00	50.50 -0.82 0.00	45.94 -0.75 0.00	42.85 -0.61 0.00	41.73 -0.68 0.00
GENERAL___MILLS 23808	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.91 -1.96 0.00	37.15 -2.00 0.00	38.50 -1.90 0.00	40.01 -2.15 0.00	38.30 -3.02 0.00	42.14 -3.52 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.72 -5.26 0.00	53.09 -5.64 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.10 -5.75 0.00	62.99 -5.93 0.00	63.59 -5.60 0.00	55.91 -4.93 0.00	47.52 -3.80 0.00	43.23 -3.46 0.00	41.46 -2.00 0.00	40.59 -1.82 0.00
GE_PLASTICS___DRP 24183	52.34 1.28 0.00	48.83 1.19 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.02 1.14 0.00	40.20 1.06 0.00	41.45 1.05 0.00	43.30 1.14 0.00	42.55 1.24 0.00	47.16 1.51 0.00	50.92 1.63 0.00	53.62 1.71 0.00	57.82 1.85 0.00	60.67 1.94 0.00	57.46 1.78 0.00	55.60 1.72 0.00	63.89 2.04 0.00	71.05 2.14 0.00	71.27 2.08 0.00	62.78 1.95 0.00	52.91 1.59 0.00	48.18 1.49 0.00	44.81 1.35 0.00	43.85 1.44 0.00
GILBOA___1 23756	52.19 1.12 0.00	48.60 0.95 0.00	45.01 0.97 0.00	42.17 0.91 0.00	41.81 0.94 0.00	40.04 0.90 0.00	41.33 0.93 0.00	43.17 1.01 0.00	42.43 1.12 0.00	46.98 1.32 0.00	50.73 1.43 0.00	53.46 1.56 0.00	57.77 1.79 0.00	60.61 1.88 0.00	57.35 1.67 0.00	55.49 1.61 0.00	63.77 1.92 0.00	70.98 2.07 0.00	71.27 2.07 0.00	62.72 1.89 0.00	52.81 1.49 0.00	48.09 1.40 0.00	44.68 1.22 0.00	43.68 1.27 0.00
GILBOA___2 23757	52.19 1.12 0.00	48.60 0.95 0.00	45.01 0.97 0.00	42.17 0.91 0.00	41.81 0.94 0.00	40.04 0.90 0.00	41.33 0.93 0.00	43.17 1.01 0.00	42.43 1.12 0.00	46.98 1.32 0.00	50.73 1.43 0.00	53.46 1.56 0.00	57.77 1.79 0.00	60.61 1.88 0.00	57.35 1.67 0.00	55.49 1.61 0.00	63.77 1.92 0.00	70.98 2.07 0.00	71.27 2.07 0.00	62.72 1.89 0.00	52.81 1.49 0.00	48.09 1.40 0.00	44.68 1.22 0.00	43.68 1.27 0.00
GILBOA___3 23758	52.19 1.12 0.00	48.60 0.95 0.00	45.01 0.97 0.00	42.17 0.91 0.00	41.81 0.94 0.00	40.04 0.90 0.00	41.33 0.93 0.00	43.17 1.01 0.00	42.43 1.12 0.00	46.98 1.32 0.00	50.73 1.43 0.00	53.46 1.56 0.00	57.77 1.79 0.00	60.61 1.88 0.00	57.35 1.67 0.00	55.49 1.61 0.00	63.77 1.92 0.00	70.98 2.07 0.00	71.27 2.07 0.00	62.72 1.89 0.00	52.81 1.49 0.00	48.09 1.40 0.00	44.68 1.22 0.00	43.68 1.27 0.00
GILBOA___4 23759	52.19 1.12 0.00	48.60 0.95 0.00	45.01 0.97 0.00	42.17 0.91 0.00	41.81 0.94 0.00	40.04 0.90 0.00	41.33 0.93 0.00	43.17 1.01 0.00	42.43 1.12 0.00	46.98 1.32 0.00	50.73 1.43 0.00	53.46 1.56 0.00	57.77 1.79 0.00	60.61 1.88 0.00	57.35 1.67 0.00	55.49 1.61 0.00	63.77 1.92 0.00	70.98 2.07 0.00	71.27 2.07 0.00	62.72 1.89 0.00	52.81 1.49 0.00	48.09 1.40 0.00	44.68 1.22 0.00	43.68 1.27 0.00

GILBOA____ 23599	52.19 1.12 0.00	48.60 0.95 0.00	45.01 0.97 0.00	42.17 0.91 0.00	41.81 0.94 0.00	40.04 0.90 0.00	41.33 0.93 0.00	43.17 1.01 0.00	42.43 1.12 0.00	46.97 1.32 0.00	50.77 1.48 0.00	53.47 1.56 0.00	57.77 1.79 0.00	60.61 1.88 0.00	57.35 1.67 0.00	55.49 1.62 0.00	63.77 1.92 0.00	70.98 2.07 0.00	71.27 2.08 0.00	62.72 1.89 0.00	52.81 1.49 0.00	48.09 1.40 0.00	44.68 1.22 0.00	43.69 1.27 0.00
GINNA____ 23603	47.39 -3.68 0.00	44.21 -3.43 0.00	40.87 -3.17 0.00	38.34 -2.93 0.00	37.89 -2.98 0.00	36.56 -2.58 0.00	37.98 -2.42 0.00	39.71 -2.45 0.00	38.38 -2.93 0.00	42.55 -3.11 0.00	45.94 -3.35 0.00	48.38 -3.53 0.00	51.72 -4.26 0.00	54.32 -4.41 0.00	51.67 -4.01 0.00	49.89 -3.99 0.00	57.09 -4.76 0.00	63.95 -4.96 0.00	64.21 -4.98 0.00	56.40 -4.44 0.00	47.83 -3.49 0.00	43.47 -3.22 0.00	40.99 -2.48 0.00	39.91 -2.50 0.00
GLEN PARK____ 23778	51.37 0.31 0.00	47.79 0.14 0.00	44.00 -0.04 0.00	41.27 0.00 0.00	40.79 -0.08 0.00	38.87 -0.27 0.00	39.96 -0.44 0.00	41.74 -0.42 0.00	40.73 -0.58 0.00	45.01 -0.64 0.00	48.90 -0.40 0.00	51.39 -0.52 0.00	55.31 -0.67 0.00	58.26 -0.47 0.00	55.29 -0.39 0.00	53.66 -0.21 0.00	61.72 -0.12 0.00	69.33 0.42 0.00	70.30 1.10 0.00	61.32 0.48 0.00	51.73 0.41 0.00	47.16 0.47 0.00	43.68 0.22 0.00	42.58 0.17 0.00
GLENDALE_27_KV_LOAD 356172	53.88 2.81 0.00	49.88 2.24 0.00	46.24 2.20 0.00	43.50 2.23 0.00	43.16 2.29 0.00	41.30 2.15 0.00	42.58 2.18 0.00	44.56 2.40 0.00	44.08 2.77 0.00	48.98 3.33 0.00	52.94 3.65 0.00	55.85 3.95 0.00	60.70 4.70 -0.02	63.68 4.93 -0.02	60.19 4.51 0.00	58.24 4.36 0.00	67.04 5.20 0.00	74.57 5.65 0.00	74.94 5.74 0.00	66.01 5.17 0.00	55.38 4.05 0.00	50.52 3.83 0.00	46.76 3.30 0.00	45.72 3.31 0.00
GLENWOOD_IC_1_G5 23712	54.10 3.01 -0.02	50.23 2.57 -0.02	46.57 2.51 -0.02	43.72 2.43 -0.02	43.38 2.49 -0.02	41.57 2.43 0.00	42.82 2.42 0.00	44.87 2.70 -0.02	44.30 2.97 -0.02	49.04 3.38 -0.02	86.21 3.50 -33.41	91.85 3.63 -36.31	96.80 4.31 -36.52	98.50 4.52 -35.25	101.44 4.12 -41.64	109.16 4.04 -51.24	118.29 4.82 -51.62	115.36 5.24 -41.21	97.83 5.33 -23.31	99.97 4.75 -34.39	93.56 4.00 -38.24	67.87 3.74 -17.44	59.70 3.26 -12.98	45.65 3.22 -0.02
GLENWOOD_IC_2_G1 23688	53.77 2.70 0.00	49.93 2.29 0.00	46.29 2.24 0.00	43.45 2.19 0.00	43.16 2.29 0.00	41.29 2.15 0.00	42.58 2.18 0.00	44.61 2.44 0.00	44.04 2.73 0.00	48.76 3.11 0.00	54.02 3.30 -1.42	57.04 3.58 -1.55	61.85 4.31 -1.56	64.69 4.46 -1.50	61.52 4.06 -1.78	60.05 3.99 -2.19	68.88 4.83 -2.20	75.84 5.17 -1.76	75.52 5.33 -0.99	66.99 4.68 -1.47	56.65 3.70 -1.63	50.94 3.50 -0.74	47.01 3.00 -0.55	45.30 2.89 0.00
GLENWOOD_IC_3_G1 23689	53.77 2.70 0.00	49.93 2.29 0.00	46.29 2.24 0.00	43.45 2.19 0.00	43.16 2.29 0.00	41.29 2.15 0.00	42.58 2.18 0.00	44.61 2.44 0.00	44.04 2.73 0.00	48.76 3.11 0.00	54.02 3.30 -1.42	57.04 3.58 -1.55	61.85 4.31 -1.56	64.69 4.46 -1.50	61.52 4.06 -1.78	60.05 3.99 -2.19	68.88 4.83 -2.20	75.84 5.17 -1.76	75.52 5.33 -0.99	66.99 4.68 -1.47	56.65 3.70 -1.63	50.94 3.50 -0.74	47.01 3.00 -0.55	45.30 2.89 0.00
GLENWOOD____4 23550	54.10 3.01 -0.02	50.23 2.57 -0.02	46.57 2.51 -0.02	43.72 2.43 -0.02	43.38 2.49 -0.02	41.57 2.43 0.00	42.82 2.42 0.00	44.87 2.70 -0.02	44.30 2.97 -0.02	49.04 3.38 -0.02	86.26 3.55 -33.41	91.95 3.74 -36.31	96.92 4.42 -36.52	98.61 4.64 -35.25	101.55 4.23 -41.64	109.27 4.15 -51.24	118.48 5.01 -51.62	115.50 5.38 -41.21	97.97 5.47 -23.31	100.09 4.87 -34.39	93.56 4.00 -38.24	67.87 3.74 -17.44	59.70 3.26 -12.98	45.65 3.22 -0.02
GLENWOOD____5 23614	54.10 3.01 -0.02	50.23 2.57 -0.02	46.57 2.51 -0.02	43.72 2.43 -0.02	43.38 2.49 -0.02	41.57 2.43 0.00	42.82 2.42 0.00	44.87 2.70 -0.02	44.30 2.97 -0.02	49.04 3.38 -0.02	86.26 3.55 -33.41	91.95 3.74 -36.31	96.92 4.42 -36.52	98.61 4.64 -35.25	101.55 4.23 -41.64	109.27 4.15 -51.24	118.48 5.01 -51.62	115.50 5.38 -41.21	97.97 5.47 -23.31	100.09 4.87 -34.39	93.56 4.00 -38.24	67.87 3.74 -17.44	59.70 3.26 -12.98	45.65 3.22 -0.02
GLOBAL GREEN_PORT_GT1 23814	56.74 5.67 -0.01	52.56 4.91 -0.01	48.67 4.62 -0.01	45.53 4.25 -0.01	45.21 4.33 -0.01	43.02 3.88 0.00	43.79 3.39 0.00	45.71 3.54 -0.01	45.04 3.72 -0.01	49.86 4.20 -0.01	73.08 4.69 -19.10	77.96 5.30 -20.76	82.90 6.05 -20.88	85.16 6.29 -20.15	84.94 5.46 -23.80	88.88 5.71 -29.30	97.98 6.62 -29.51	99.64 7.17 -23.56	89.78 7.26 -13.32	86.88 6.39 -19.66	77.96 4.77 -21.86	60.95 4.29 -9.97	54.57 3.69 -7.42	46.32 3.90 -0.01
GLOBE____DSASP 323697	47.19 -3.88 0.00	44.17 -3.48 0.00	40.78 -3.26 0.00	38.25 -3.01 0.00	37.85 -3.02 0.00	36.25 -2.90 0.00	37.61 -2.79 0.00	39.13 -3.04 0.00	37.37 -3.92 0.02	41.09 -4.57 0.00	44.27 -5.03 0.00	46.46 -5.45 0.00	49.32 -6.66 0.00	51.62 -7.11 0.00	49.17 -6.51 0.00	47.63 -6.25 0.00	54.36 -7.48 0.00	60.92 -7.99 0.00	61.38 -7.82 0.00	54.08 -6.75 0.00	46.04 -5.29 0.00	42.02 -4.67 0.00	40.42 -3.04 0.00	39.49 -2.93 0.00
GOETHSLN____LBMP 323567	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.12 1.86 0.00	42.79 1.92 0.00	40.98 1.84 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.62 2.97 0.00	52.50 3.20 0.00	55.39 3.48 0.00	60.14 4.14 -0.02	63.15 4.40 -0.02	59.63 3.95 0.00	57.70 3.83 0.00	66.49 4.64 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.40 4.56 0.00	54.92 3.59 0.00	50.10 3.41 0.00	46.33 2.87 0.00	45.21 2.80 0.00
GOLAH____69_KV_TB 1_2 80279	49.69 -1.38 0.00	46.41 -1.24 0.00	42.85 -1.19 0.00	40.19 -1.07 0.00	39.77 -1.10 0.00	38.28 -0.86 0.00	39.75 -0.65 0.00	41.40 -0.76 0.00	39.83 -1.49 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.83 -2.08 0.00	53.18 -2.80 0.00	55.79 -2.94 0.00	53.01 -2.67 0.00	51.24 -2.64 0.00	58.76 -3.09 0.00	65.82 -3.10 0.00	66.15 -3.04 0.00	58.22 -2.62 0.00	49.47 -1.85 0.00	44.96 -1.73 0.00	42.68 -0.78 0.00	41.65 -0.76 0.00
GOODYEAR_LAKE_HYD 323669	51.88 0.82 0.00	48.36 0.71 0.00	44.66 0.62 0.00	41.89 0.62 0.00	41.48 0.61 0.00	39.73 0.59 0.00	41.01 0.61 0.00	42.92 0.76 0.00	42.14 0.83 0.00	46.75 1.10 0.00	50.53 1.23 0.00	53.26 1.35 0.00	57.43 1.46 0.00	60.43 1.70 0.00	57.18 1.50 0.00	55.39 1.51 0.00	63.64 1.79 0.00	70.98 2.07 0.00	71.41 2.21 0.00	62.60 1.76 0.00	52.71 1.39 0.00	47.81 1.12 0.00	44.46 1.00 0.00	43.39 0.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.66 -0.41 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.90 -0.37 0.00	40.54 -0.33 0.00	38.83 -0.31 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.80 -0.49 0.00	51.34 -0.57 0.00	55.19 -0.78 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.23 -0.65 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.64 -0.55 0.00	60.41 -0.43 0.00	51.01 -0.31 0.00	46.41 -0.28 0.00	43.37 -0.09 0.00	42.29 -0.13 0.00

GOUDEY___7 23579	50.66 -0.41 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.90 -0.37 0.00	40.54 -0.33 0.00	38.83 -0.31 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.80 -0.49 0.00	51.34 -0.57 0.00	55.19 -0.78 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.23 -0.65 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.64 -0.55 0.00	60.41 -0.43 0.00	51.01 -0.31 0.00	46.41 -0.28 0.00	43.37 -0.09 0.00	42.29 -0.13 0.00
GOUDEY___8 23580	50.66 -0.41 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.90 -0.37 0.00	40.54 -0.33 0.00	38.83 -0.31 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.80 -0.49 0.00	51.34 -0.57 0.00	55.19 -0.78 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.23 -0.65 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.64 -0.55 0.00	60.41 -0.43 0.00	51.01 -0.31 0.00	46.41 -0.28 0.00	43.37 -0.09 0.00	42.29 -0.13 0.00
GOWANUS_GT1_1 24077	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_2 24078	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_3 24079	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_4 24080	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_5 24084	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_6 24111	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_7 24112	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT1_8 24113	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT2_1 24114	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT2_2 24115	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT2_3 24116	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT2_4 24117	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT2_5 24118	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01

GOWANUS_GT2_6 24119	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT2_7 24120	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT2_8 24121	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_1 24122	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_2 24123	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_3 24124	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_4 24125	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_5 24126	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_6 24127	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_7 24128	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT3_8 24129	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
GOWANUS_GT4_1 24130	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT4_2 24131	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT4_3 24132	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT4_4 24133	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00

GOWANUS_GT4_5 24134	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT4_6 24135	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT4_7 24136	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GOWANUS_GT4_8 24137	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GREATVRV_69_KV_BK1 356245	55.67 4.60 -0.01	51.61 3.95 -0.01	47.84 3.79 -0.01	44.87 3.59 -0.01	44.52 3.64 -0.01	42.67 3.52 0.00	43.83 3.43 0.00	46.01 3.84 -0.01	45.37 4.05 -0.01	50.23 4.57 -0.01	74.34 5.08 -19.97	79.11 5.50 -21.70	84.13 6.33 -21.83	86.43 6.64 -21.07	86.63 6.07 -24.89	90.65 6.14 -30.63	100.06 7.36 -30.85	101.54 7.99 -24.63	91.29 8.17 -13.93	88.63 7.24 -20.55	79.72 5.54 -22.86	62.25 5.14 -10.42	55.74 4.52 -7.76	46.83 4.41 -0.01
GREENBSH_115KV_TB3 55895	52.45 1.38 0.00	48.93 1.29 0.00	45.36 1.32 0.00	42.46 1.20 0.00	42.14 1.27 0.00	40.32 1.17 0.00	41.53 1.13 0.00	43.43 1.26 0.00	42.68 1.36 0.00	47.29 1.64 0.00	51.12 1.82 0.00	53.78 1.87 0.00	57.99 2.02 0.00	60.84 2.11 0.00	57.63 1.95 0.00	55.82 1.94 0.00	64.14 2.29 0.00	71.19 2.27 0.00	71.41 2.21 0.00	62.97 2.13 0.00	53.07 1.74 0.00	48.37 1.68 0.00	44.94 1.48 0.00	43.98 1.57 0.00
GREENDGE_115KV_TB5 80291	50.66 -0.41 0.00	47.26 -0.38 0.00	43.56 -0.48 0.00	40.77 -0.50 0.00	40.38 -0.49 0.00	38.67 -0.47 0.00	40.32 -0.08 0.00	42.16 0.00 0.00	40.73 -0.58 0.00	44.83 -0.82 0.00	48.31 -0.99 0.00	50.61 -1.30 0.00	54.24 -1.74 0.00	56.97 -1.76 0.00	54.18 -1.50 0.00	52.58 -1.29 0.00	60.74 -1.11 0.00	68.30 -0.62 0.00	68.85 -0.35 0.00	60.53 -0.30 0.00	51.12 -0.21 0.00	46.32 -0.37 0.00	43.50 0.04 0.00	42.37 -0.04 0.00
GREENIDGE___3 23582	50.66 -0.41 0.00	47.26 -0.38 0.00	43.56 -0.48 0.00	40.77 -0.50 0.00	40.38 -0.49 0.00	38.67 -0.47 0.00	40.32 -0.08 0.00	42.16 0.00 0.00	40.73 -0.58 0.00	44.83 -0.82 0.00	48.31 -0.99 0.00	50.61 -1.30 0.00	54.24 -1.74 0.00	56.97 -1.76 0.00	54.18 -1.50 0.00	52.58 -1.29 0.00	60.74 -1.11 0.00	68.30 -0.62 0.00	68.85 -0.35 0.00	60.53 -0.30 0.00	51.12 -0.21 0.00	46.32 -0.37 0.00	43.50 0.04 0.00	42.37 -0.04 0.00
GREENIDGE___4 23583	50.66 -0.41 0.00	47.26 -0.38 0.00	43.56 -0.48 0.00	40.77 -0.49 0.00	40.30 -0.57 0.00	38.67 -0.47 0.00	40.32 -0.08 0.00	42.16 0.00 0.00	40.73 -0.58 0.00	44.83 -0.82 0.00	48.31 -0.99 0.00	50.61 -1.30 0.00	54.24 -1.74 0.00	56.97 -1.76 0.00	54.18 -1.50 0.00	52.58 -1.29 0.00	60.74 -1.11 0.00	68.29 -0.62 0.00	68.85 -0.34 0.00	60.53 -0.30 0.00	51.12 -0.20 0.00	46.31 -0.38 0.00	43.50 0.04 0.00	42.46 0.04 0.00
GREENLWN_69_KV_BK 3 55738	54.29 3.22 -0.01	50.42 2.76 -0.01	46.74 2.69 -0.01	43.88 2.60 -0.01	43.54 2.66 -0.01	41.73 2.58 0.00	42.95 2.55 0.00	45.04 2.87 -0.01	44.46 3.14 -0.01	49.13 3.47 -0.01	72.69 3.70 -19.69	77.30 4.00 -21.40	82.20 4.70 -21.52	84.44 4.93 -20.77	84.73 4.51 -24.54	88.72 4.63 -30.20	97.78 5.50 -30.42	99.06 5.86 -24.29	89.09 6.16 -13.74	86.52 5.41 -20.27	77.97 4.11 -22.54	60.85 3.88 -10.28	54.46 3.35 -7.65	45.73 3.31 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00
GRISSOM___SOLAR 323813	52.65 1.58 0.00	49.17 1.52 0.00	45.45 1.41 0.00	42.55 1.28 0.00	42.26 1.39 0.00	40.39 1.25 0.00	41.69 1.29 0.00	43.60 1.43 0.00	42.63 1.32 0.00	47.16 1.50 0.00	51.02 1.72 0.00	53.77 1.87 0.00	57.94 1.96 0.00	60.90 2.17 0.00	57.80 2.12 0.00	56.30 2.43 0.00	64.88 3.03 0.00	72.09 3.17 0.00	72.45 3.25 0.00	63.64 2.80 0.00	53.48 2.16 0.00	48.46 1.77 0.00	45.15 1.69 0.00	44.02 1.61 0.00
GROVEVILLE___HYD 323602	53.67 2.60 0.00	49.84 2.19 0.00	46.24 2.20 0.00	43.33 2.06 0.00	43.00 2.13 0.00	41.18 2.04 0.00	42.50 2.10 0.00	44.40 2.23 0.00	43.83 2.52 0.00	48.66 3.01 0.00	52.50 3.20 0.00	55.28 3.37 0.00	60.06 4.09 0.00	63.07 4.35 0.00	59.69 4.01 0.00	57.76 3.88 0.00	66.61 4.76 0.00	74.02 5.10 0.00	74.38 5.19 0.00	65.40 4.56 0.00	54.92 3.59 0.00	50.00 3.31 0.00	46.24 2.78 0.00	45.08 2.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.45 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.02 -0.29 0.00	45.29 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.31 -0.67 0.00	58.08 -0.65 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
HAMLTNNY_34_KV_TB 80303	50.45 -0.61 0.00	47.12 -0.52 0.00	43.56 -0.48 0.00	40.85 -0.41 0.00	40.50 -0.37 0.00	38.83 -0.31 0.00	40.28 -0.12 0.00	42.03 -0.13 0.00	40.98 -0.33 0.00	45.24 -0.41 0.00	48.80 -0.49 0.00	51.39 -0.52 0.00	55.25 -0.73 0.00	57.96 -0.76 0.00	55.01 -0.67 0.00	53.23 -0.65 0.00	61.11 -0.74 0.00	68.30 -0.62 0.00	68.57 -0.62 0.00	60.29 -0.55 0.00	50.91 -0.41 0.00	46.27 -0.42 0.00	43.24 -0.22 0.00	42.07 -0.34 0.00

HAMPSHIRE___PAPER_HYD 323593	51.07 0.00 0.00	47.60 -0.05 0.00	43.86 -0.18 0.00	41.06 -0.21 0.00	40.59 -0.28 0.00	38.44 -0.70 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	40.36 -0.95 0.00	44.60 -1.05 0.00	48.71 -0.59 0.00	51.23 -0.68 0.00	55.14 -0.84 0.00	58.03 -0.70 0.00	55.12 -0.56 0.00	53.12 -0.75 0.00	60.67 -1.18 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	46.27 -0.42 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
HARDSCRABBLE_WT_PWR 323673	54.03 2.96 0.00	50.17 2.52 0.00	46.15 2.11 0.00	43.08 1.81 0.00	42.55 1.68 0.00	40.67 1.53 0.00	41.90 1.50 0.00	43.76 1.60 0.00	42.92 1.61 0.00	47.57 1.92 0.00	51.46 2.17 0.00	54.35 2.44 0.00	58.72 2.74 0.00	61.72 2.99 0.00	58.41 2.73 0.00	56.46 2.59 0.00	64.69 2.85 0.00	72.16 3.24 0.00	72.52 3.32 0.00	63.64 2.80 0.00	53.53 2.21 0.00	48.70 2.01 0.00	45.24 1.78 0.00	44.15 1.74 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.11 2.04 0.00	49.36 1.72 0.00	45.76 1.72 0.00	42.88 1.61 0.00	42.55 1.68 0.00	40.75 1.60 0.00	42.10 1.70 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.21 2.56 0.00	52.06 2.76 0.00	54.81 2.91 0.00	59.56 3.58 0.00	62.49 3.76 0.00	59.13 3.45 0.00	57.27 3.39 0.00	65.99 4.14 0.00	73.40 4.48 0.00	73.76 4.57 0.00	64.85 4.02 0.00	54.45 3.13 0.00	49.63 2.94 0.00	45.89 2.43 0.00	44.75 2.33 0.00
HARSNRAD_115KV_TB1 81005	48.41 -2.66 0.00	45.40 -2.24 0.00	41.93 -2.11 0.00	39.29 -1.98 0.00	38.87 -2.00 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	39.84 -2.32 0.00	38.01 -3.31 0.00	41.82 -3.83 0.00	45.06 -4.24 0.00	47.29 -4.62 0.00	50.21 -5.77 0.00	52.62 -6.11 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.23 -6.68 0.00	62.76 -6.44 0.00	55.30 -5.54 0.00	47.01 -4.31 0.00	42.86 -3.83 0.00	41.16 -2.30 0.00	40.46 -1.95 0.00
HARZA MOOSE___RIVER 24016	51.78 0.71 0.00	48.02 0.38 0.00	44.30 0.26 0.00	41.51 0.25 0.00	41.08 0.20 0.00	39.22 0.08 0.00	40.36 -0.04 0.00	42.16 0.00 0.00	41.31 0.00 0.00	45.70 0.05 0.00	49.59 0.30 0.00	52.17 0.26 0.00	56.20 0.22 0.00	59.14 0.41 0.00	56.07 0.39 0.00	54.26 0.38 0.00	62.22 0.37 0.00	69.54 0.62 0.00	70.09 0.90 0.00	61.38 0.55 0.00	51.78 0.46 0.00	47.20 0.51 0.00	43.85 0.39 0.00	42.75 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	50.15 -0.92 0.00	46.83 -0.81 0.00	43.29 -0.75 0.00	40.61 -0.66 0.00	40.26 -0.61 0.00	38.59 -0.55 0.00	39.96 -0.44 0.00	41.70 -0.46 0.00	40.69 -0.62 0.00	44.87 -0.78 0.00	48.46 -0.84 0.00	50.97 -0.93 0.00	54.86 -1.12 0.00	57.55 -1.17 0.00	54.62 -1.06 0.00	52.85 -1.02 0.00	60.67 -1.18 0.00	67.74 -1.17 0.00	67.95 -1.25 0.00	59.80 -1.03 0.00	50.45 -0.87 0.00	45.90 -0.79 0.00	42.81 -0.65 0.00	41.73 -0.68 0.00
HELLGATE_13_KV_LD 55870	53.88 2.81 0.00	49.93 2.29 0.00	46.29 2.25 0.00	43.58 2.31 0.00	43.20 2.33 0.00	41.33 2.19 0.00	42.58 2.18 0.00	44.61 2.45 0.00	44.12 2.81 0.00	49.03 3.38 0.00	52.99 3.70 0.00	55.90 4.00 0.00	60.70 4.70 -0.02	63.74 4.99 -0.02	60.25 4.57 0.00	58.30 4.42 0.00	67.11 5.26 0.00	74.57 5.65 0.00	74.94 5.74 0.00	66.01 5.17 0.00	55.43 4.11 0.00	50.52 3.83 0.00	46.81 3.35 0.00	45.81 3.39 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.88 2.81 0.00	49.93 2.29 0.00	46.29 2.25 0.00	43.58 2.31 0.00	43.20 2.33 0.00	41.33 2.19 0.00	42.58 2.18 0.00	44.61 2.45 0.00	44.12 2.81 0.00	49.03 3.38 0.00	52.99 3.70 0.00	55.90 4.00 0.00	60.70 4.70 -0.02	63.74 4.99 -0.02	60.25 4.57 0.00	58.30 4.42 0.00	67.11 5.26 0.00	74.57 5.65 0.00	74.94 5.74 0.00	66.01 5.17 0.00	55.43 4.11 0.00	50.52 3.83 0.00	46.81 3.35 0.00	45.81 3.39 0.00
HEMPSTEAD____ 23647	54.04 2.96 -0.01	50.23 2.57 -0.01	46.56 2.51 -0.01	43.71 2.43 -0.01	43.42 2.53 -0.01	41.57 2.43 0.00	42.78 2.38 0.00	44.87 2.70 -0.01	44.26 2.93 -0.01	48.95 3.29 -0.01	81.62 3.40 -28.93	87.08 3.74 -31.43	92.01 4.42 -31.61	93.88 4.64 -30.51	95.95 4.23 -36.04	102.45 4.21 -44.36	111.61 5.07 -44.69	110.03 5.44 -35.67	94.98 5.60 -20.18	95.53 4.93 -29.77	88.28 3.85 -33.10	65.48 3.69 -15.10	57.91 3.22 -11.23	45.52 3.09 -0.01
HICKLING___1 23621	49.89 -1.17 0.00	46.60 -1.05 0.00	42.94 -1.10 0.00	40.24 -1.03 0.00	39.85 -1.02 0.00	38.16 -0.98 0.00	39.67 -0.73 0.00	41.44 -0.72 0.00	40.11 -1.20 0.00	44.28 -1.37 0.00	47.77 -1.53 0.00	50.09 -1.82 0.00	53.68 -2.30 0.00	56.32 -2.41 0.00	53.51 -2.17 0.00	51.83 -2.05 0.00	59.62 -2.23 0.00	66.78 -2.14 0.00	67.19 -2.01 0.00	59.13 -1.70 0.00	50.04 -1.28 0.00	45.48 -1.21 0.00	42.81 -0.65 0.00	41.73 -0.68 0.00
HICKLING___2 23622	49.89 -1.17 0.00	46.60 -1.05 0.00	42.94 -1.10 0.00	40.24 -1.03 0.00	39.85 -1.02 0.00	38.16 -0.98 0.00	39.67 -0.73 0.00	41.44 -0.72 0.00	40.11 -1.20 0.00	44.28 -1.37 0.00	47.77 -1.53 0.00	50.09 -1.82 0.00	53.68 -2.30 0.00	56.32 -2.41 0.00	53.51 -2.17 0.00	51.83 -2.05 0.00	59.62 -2.23 0.00	66.78 -2.14 0.00	67.19 -2.01 0.00	59.13 -1.70 0.00	50.04 -1.28 0.00	45.48 -1.21 0.00	42.81 -0.65 0.00	41.73 -0.68 0.00
HIGH FALLS___HY 23754	53.62 2.55 0.00	49.74 2.10 0.00	46.15 2.11 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.46 2.06 0.00	44.40 2.23 0.00	43.75 2.44 0.00	48.57 2.92 0.00	52.30 3.01 0.00	55.02 3.11 0.00	59.84 3.86 0.00	62.84 4.11 0.00	59.47 3.79 0.00	57.65 3.77 0.00	66.61 4.76 0.00	74.15 5.24 0.00	74.66 5.47 0.00	65.58 4.75 0.00	55.02 3.70 0.00	50.10 3.41 0.00	46.29 2.82 0.00	45.04 2.63 0.00
HIGH_RIVER___SOLAR 323847	52.49 1.43 0.00	49.03 1.38 0.00	45.32 1.28 0.00	42.38 1.11 0.00	42.10 1.23 0.00	40.28 1.14 0.00	41.53 1.13 0.00	43.38 1.22 0.00	42.35 1.03 0.00	46.65 1.00 0.00	50.43 1.13 0.00	53.31 1.40 0.00	57.54 1.57 0.00	60.43 1.70 0.00	57.41 1.73 0.00	55.87 1.99 0.00	64.45 2.60 0.00	71.74 2.83 0.00	72.10 2.91 0.00	63.39 2.55 0.00	53.27 1.95 0.00	48.32 1.63 0.00	44.98 1.52 0.00	43.86 1.44 0.00
HILLBURN___GT 23639	52.96 1.89 0.00	49.26 1.62 0.00	45.62 1.58 0.00	42.79 1.53 0.00	42.51 1.64 0.00	40.67 1.53 0.00	42.02 1.62 0.00	43.97 1.81 0.00	43.38 2.06 0.00	48.11 2.46 0.00	51.96 2.66 0.00	54.76 2.85 0.00	59.45 3.47 0.00	62.37 3.64 0.00	59.02 3.34 0.00	57.11 3.23 0.00	65.75 3.90 0.00	73.12 4.20 0.00	73.49 4.29 0.00	64.73 3.90 0.00	54.35 3.03 0.00	49.54 2.85 0.00	45.85 2.39 0.00	44.66 2.25 0.00
HILLSIDE_115KV_TB1 80332	49.48 -1.58 0.00	46.17 -1.48 0.00	42.59 -1.45 0.00	39.91 -1.36 0.00	39.52 -1.35 0.00	37.85 -1.29 0.00	39.31 -1.09 0.00	41.06 -1.10 0.00	39.78 -1.53 0.00	43.87 -1.78 0.00	47.32 -1.97 0.00	49.68 -2.23 0.00	53.29 -2.69 0.00	55.91 -2.82 0.00	53.06 -2.62 0.00	51.40 -2.48 0.00	59.13 -2.72 0.00	66.23 -2.69 0.00	66.64 -2.56 0.00	58.65 -2.19 0.00	49.63 -1.69 0.00	45.15 -1.54 0.00	42.42 -1.04 0.00	41.35 -1.06 0.00

HISHELDN_WT_PWR 323625	48.16 -2.91 0.00	44.98 -2.67 0.00	41.44 -2.60 0.00	38.75 -2.52 0.00	38.17 -2.70 0.00	36.60 -2.54 0.00	37.94 -2.47 0.00	39.46 -2.70 0.00	37.84 -3.47 0.00	41.63 -4.02 0.00	44.91 -4.39 0.00	47.03 -4.88 0.00	50.15 -5.82 0.00	52.56 -6.17 0.00	50.00 -5.68 0.00	48.49 -5.39 0.00	55.60 -6.24 0.00	62.44 -6.48 0.00	62.97 -6.23 0.00	55.36 -5.48 0.00	47.01 -4.31 0.00	42.77 -3.92 0.00	40.90 -2.56 0.00	40.25 -2.16 0.00
HOLTSVILLE_IC_1 23690	54.80 3.73 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.99 3.10 -0.01	42.08 2.94 0.00	43.23 2.83 0.00	45.33 3.16 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	72.34 3.99 -19.05	77.12 4.51 -20.70	82.06 5.26 -20.82	84.34 5.52 -20.10	84.32 4.90 -23.74	88.16 5.06 -29.22	97.34 6.06 -29.43	98.96 6.55 -23.49	89.27 6.79 -13.29	86.41 5.97 -19.61	77.69 4.57 -21.80	60.88 4.25 -9.94	54.55 3.69 -7.40	45.98 3.56 -0.01
HOLTSVILLE_IC_10 23699	55.11 4.03 -0.01	51.08 3.43 -0.01	47.35 3.30 -0.01	44.41 3.13 -0.01	44.19 3.31 -0.01	42.28 3.13 0.00	43.43 3.03 0.00	45.54 3.37 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.85 4.29 -19.27	77.73 4.88 -20.94	82.69 5.65 -21.06	84.99 5.93 -20.33	84.99 5.29 -24.01	88.93 5.50 -29.56	98.17 6.55 -29.77	99.78 7.10 -23.77	89.90 7.26 -13.44	87.06 6.39 -19.83	78.31 4.93 -22.06	61.28 4.53 -10.06	54.90 3.95 -7.48	46.24 3.82 -0.01
HOLTSVILLE_IC_2 23691	54.80 3.73 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.99 3.10 -0.01	42.08 2.94 0.00	43.23 2.83 0.00	45.33 3.16 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	72.34 3.99 -19.05	77.12 4.51 -20.70	82.06 5.26 -20.82	84.34 5.52 -20.10	84.32 4.90 -23.74	88.16 5.06 -29.22	97.34 6.06 -29.43	98.96 6.55 -23.49	89.27 6.79 -13.29	86.41 5.97 -19.61	77.69 4.57 -21.80	60.88 4.25 -9.94	54.55 3.69 -7.40	45.98 3.56 -0.01
HOLTSVILLE_IC_3 23692	54.80 3.73 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.99 3.10 -0.01	42.08 2.94 0.00	43.23 2.83 0.00	45.33 3.16 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	72.34 3.99 -19.05	77.12 4.51 -20.70	82.06 5.26 -20.82	84.34 5.52 -20.10	84.32 4.90 -23.74	88.16 5.06 -29.22	97.34 6.06 -29.43	98.96 6.55 -23.49	89.27 6.79 -13.29	86.41 5.97 -19.61	77.69 4.57 -21.80	60.88 4.25 -9.94	54.55 3.69 -7.40	45.98 3.56 -0.01
HOLTSVILLE_IC_4 23693	54.80 3.73 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.99 3.10 -0.01	42.08 2.94 0.00	43.23 2.83 0.00	45.33 3.16 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	72.34 3.99 -19.05	77.12 4.51 -20.70	82.06 5.26 -20.82	84.34 5.52 -20.10	84.32 4.90 -23.74	88.16 5.06 -29.22	97.34 6.06 -29.43	98.96 6.55 -23.49	89.27 6.79 -13.29	86.41 5.97 -19.61	77.69 4.57 -21.80	60.88 4.25 -9.94	54.55 3.69 -7.40	45.98 3.56 -0.01
HOLTSVILLE_IC_5 23694	54.80 3.73 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.99 3.10 -0.01	42.08 2.94 0.00	43.23 2.83 0.00	45.33 3.16 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	72.34 3.99 -19.05	77.12 4.51 -20.70	82.06 5.26 -20.82	84.34 5.52 -20.10	84.32 4.90 -23.74	88.16 5.06 -29.22	97.34 6.06 -29.43	98.96 6.55 -23.49	89.27 6.79 -13.29	86.41 5.97 -19.61	77.69 4.57 -21.80	60.88 4.25 -9.94	54.55 3.69 -7.40	45.98 3.56 -0.01
HOLTSVILLE_IC_6 23695	55.11 4.03 -0.01	51.08 3.43 -0.01	47.35 3.30 -0.01	44.41 3.13 -0.01	44.19 3.31 -0.01	42.28 3.13 0.00	43.43 3.03 0.00	45.54 3.37 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.85 4.29 -19.27	77.73 4.88 -20.94	82.69 5.65 -21.06	84.99 5.93 -20.33	84.99 5.29 -24.01	88.93 5.50 -29.56	98.17 6.55 -29.77	99.78 7.10 -23.77	89.90 7.26 -13.44	87.06 6.39 -19.83	78.31 4.93 -22.06	61.28 4.53 -10.06	54.90 3.95 -7.48	46.24 3.82 -0.01
HOLTSVILLE_IC_7 23696	55.11 4.03 -0.01	51.08 3.43 -0.01	47.35 3.30 -0.01	44.41 3.13 -0.01	44.19 3.31 -0.01	42.28 3.13 0.00	43.43 3.03 0.00	45.54 3.37 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.85 4.29 -19.27	77.73 4.88 -20.94	82.69 5.65 -21.06	84.99 5.93 -20.33	84.99 5.29 -24.01	88.93 5.50 -29.56	98.17 6.55 -29.77	99.78 7.10 -23.77	89.90 7.26 -13.44	87.06 6.39 -19.83	78.31 4.93 -22.06	61.28 4.53 -10.06	54.90 3.95 -7.48	46.24 3.82 -0.01
HOLTSVILLE_IC_8 23697	55.11 4.03 -0.01	51.08 3.43 -0.01	47.35 3.30 -0.01	44.41 3.13 -0.01	44.19 3.31 -0.01	42.28 3.13 0.00	43.43 3.03 0.00	45.54 3.37 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.85 4.29 -19.27	77.73 4.88 -20.94	82.69 5.65 -21.06	84.99 5.93 -20.33	84.99 5.29 -24.01	88.93 5.50 -29.56	98.17 6.55 -29.77	99.78 7.10 -23.77	89.90 7.26 -13.44	87.06 6.39 -19.83	78.31 4.93 -22.06	61.28 4.53 -10.06	54.90 3.95 -7.48	46.24 3.82 -0.01
HOLTSVILLE_IC_9 23698	55.11 4.03 -0.01	51.08 3.43 -0.01	47.35 3.30 -0.01	44.41 3.13 -0.01	44.19 3.31 -0.01	42.28 3.13 0.00	43.43 3.03 0.00	45.54 3.37 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.85 4.29 -19.27	77.73 4.88 -20.94	82.69 5.65 -21.06	84.99 5.93 -20.33	84.99 5.29 -24.01	88.93 5.50 -29.56	98.17 6.55 -29.77	99.78 7.10 -23.77	89.90 7.26 -13.44	87.06 6.39 -19.83	78.31 4.93 -22.06	61.28 4.53 -10.06	54.90 3.95 -7.48	46.24 3.82 -0.01
HOMER_HL_115KV_TB2 355744	48.46 -2.60 0.00	45.26 -2.38 0.00	41.75 -2.29 0.00	39.08 -2.19 0.00	38.62 -2.25 0.00	36.87 -2.27 0.00	38.26 -2.14 0.00	39.88 -2.28 0.00	38.25 -3.06 0.00	42.09 -3.56 0.00	45.40 -3.89 0.00	47.60 -4.31 0.00	50.72 -5.26 0.00	53.15 -5.58 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.28 -5.57 0.00	63.40 -5.51 0.00	64.01 -5.19 0.00	56.21 -4.62 0.00	47.73 -3.59 0.00	43.47 -3.22 0.00	41.37 -2.09 0.00	40.46 -1.95 0.00
HOWARD_WT_PWR 323690	48.10 -2.96 0.00	44.69 -2.95 0.00	41.04 -3.00 0.00	38.26 -3.01 0.00	37.68 -3.19 0.00	36.13 -3.01 0.00	37.53 -2.87 0.00	39.25 -2.91 0.00	37.80 -3.51 0.00	41.63 -4.02 0.00	44.91 -4.39 0.00	47.03 -4.88 0.00	50.38 -5.60 0.00	52.91 -5.82 0.00	50.33 -5.35 0.00	48.76 -5.12 0.00	56.28 -5.57 0.00	63.27 -5.65 0.00	63.73 -5.47 0.00	56.03 -4.81 0.00	47.47 -3.85 0.00	43.10 -3.59 0.00	40.77 -2.69 0.00	39.95 -2.46 0.00
HQ_GEN_CEDARS 23644	51.63 0.56 0.00	48.31 0.67 0.00	44.57 0.53 0.00	41.68 0.41 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.52 0.12 0.00	42.25 0.08 0.00	41.44 0.12 0.00	45.79 0.14 0.00	49.54 0.25 0.00	52.17 0.26 0.00	56.20 0.22 0.00	58.90 0.18 0.00	56.07 0.39 0.00	54.20 0.32 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.71 -0.12 0.00	51.48 0.15 0.00	46.74 0.05 0.00	43.55 0.09 0.00	42.46 0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	51.63 0.56 0.00	48.31 0.67 0.00	44.57 0.53 0.00	41.68 0.41 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.52 0.12 0.00	42.25 0.08 0.00	41.44 0.12 0.00	45.79 0.14 0.00	49.54 0.25 0.00	52.17 0.26 0.00	56.09 0.11 0.00	58.90 0.18 0.00	56.07 0.39 0.00	54.20 0.33 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.71 -0.12 0.00	51.48 0.15 0.00	46.74 0.05 0.00	43.55 0.09 0.00	42.46 0.04 0.00

HQ_GEN_IMPORT 323601	51.02 -0.05 0.00	47.60 -0.05 0.00	44.00 -0.04 0.00	41.18 -0.08 0.00	40.75 -0.12 0.00	38.99 -0.16 0.00	40.20 -0.20 0.00	41.91 -0.25 0.00	41.11 -0.21 0.00	45.38 -0.27 0.00	49.05 -0.25 0.00	51.65 -0.26 0.00	55.64 -0.33 0.00	58.38 -0.35 0.00	55.40 -0.28 0.00	53.61 -0.27 0.00	61.48 -0.37 0.00	68.51 -0.41 0.00	68.78 -0.41 0.00	60.41 -0.42 0.00	51.02 -0.31 0.00	46.37 -0.32 0.00	43.16 -0.30 0.00	42.07 -0.34 0.00
HQ_GEN_WHEEL 23651	51.02 -0.05 0.00	47.60 -0.05 0.00	44.00 -0.04 0.00	41.18 -0.08 0.00	40.75 -0.12 0.00	38.99 -0.16 0.00	40.20 -0.20 0.00	41.91 -0.25 0.00	41.11 -0.21 0.00	45.38 -0.27 0.00	49.05 -0.25 0.00	51.65 -0.26 0.00	55.64 -0.33 0.00	58.38 -0.35 0.00	55.40 -0.28 0.00	53.61 -0.27 0.00	61.48 -0.37 0.00	68.51 -0.41 0.00	68.78 -0.41 0.00	60.41 -0.42 0.00	51.02 -0.31 0.00	46.37 -0.32 0.00	43.16 -0.30 0.00	42.07 -0.34 0.00
HUDSON AVE_GT_3 23810	53.62 2.55 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.48 2.32 0.00	44.00 2.69 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.59 3.69 0.00	60.42 4.42 -0.02	63.38 4.64 -0.02	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.28 3.60 0.00	46.50 3.04 0.00	45.42 3.01 0.00
HUDSON AVE_GT_4 23540	53.62 2.55 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.48 2.32 0.00	44.00 2.69 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.59 3.69 0.00	60.42 4.42 -0.02	63.38 4.64 -0.02	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.28 3.60 0.00	46.50 3.04 0.00	45.42 3.01 0.00
HUDSON AVE_GT_5 23657	53.62 2.55 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.48 2.32 0.00	44.00 2.69 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.59 3.69 0.00	60.42 4.42 -0.02	63.38 4.64 -0.02	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.28 3.60 0.00	46.50 3.04 0.00	45.42 3.01 0.00
HUDSON_AVE_10 24168	53.42 2.35 0.00	49.55 1.91 0.00	45.93 1.89 0.00	43.12 1.86 0.00	42.79 1.92 0.00	40.98 1.84 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.87 2.56 0.00	48.66 3.01 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.19 4.20 -0.02	63.15 4.40 -0.02	59.69 4.01 0.00	57.76 3.88 0.00	66.55 4.70 0.00	74.02 5.10 0.00	74.38 5.19 0.00	65.46 4.62 0.00	54.97 3.64 0.00	50.10 3.41 0.00	46.37 2.91 0.00	45.25 2.84 0.00
HUDSON___115KV_TB 4 355613	53.36 2.30 0.00	49.79 2.14 0.00	46.15 2.11 0.00	43.21 1.94 0.00	42.87 2.00 0.00	40.98 1.84 0.00	42.22 1.82 0.00	44.10 1.94 0.00	43.30 1.98 0.00	47.93 2.28 0.00	51.66 2.37 0.00	54.24 2.34 0.00	58.55 2.57 0.00	61.43 2.70 0.00	58.35 2.67 0.00	56.68 2.80 0.00	65.37 3.53 0.00	72.71 3.79 0.00	73.00 3.81 0.00	64.30 3.47 0.00	54.09 2.77 0.00	49.21 2.52 0.00	45.68 2.22 0.00	44.62 2.21 0.00
HUNTER MOUNT___DRP 323613	53.57 2.50 0.00	49.93 2.29 0.00	46.33 2.29 0.00	43.33 2.06 0.00	43.04 2.17 0.00	41.10 1.96 0.00	42.34 1.94 0.00	44.18 2.02 0.00	43.38 2.07 0.00	48.07 2.42 0.00	51.76 2.46 0.00	54.35 2.44 0.00	58.66 2.69 0.00	61.61 2.88 0.00	58.52 2.84 0.00	56.84 2.96 0.00	65.68 3.83 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.25 2.93 0.00	49.35 2.66 0.00	45.81 2.35 0.00	44.70 2.29 0.00
HUNTINGTON_RES_REC 323705	54.65 3.57 -0.01	50.70 3.05 -0.01	46.95 2.91 -0.01	44.08 2.81 -0.01	43.82 2.94 -0.01	41.96 2.82 0.00	43.15 2.75 0.00	45.25 3.08 -0.01	44.67 3.34 -0.01	49.36 3.70 -0.01	72.58 3.89 -19.39	77.39 4.41 -21.07	82.32 5.15 -21.19	84.58 5.40 -20.45	84.74 4.90 -24.16	88.68 5.06 -29.74	97.87 6.06 -29.95	99.30 6.48 -23.91	89.43 6.71 -13.53	86.69 5.90 -19.96	78.03 4.52 -22.19	61.01 4.20 -10.12	54.64 3.65 -7.53	45.90 3.48 -0.01
HUNTLEY___63 23557	48.41 -2.66 0.00	45.36 -2.29 0.00	41.84 -2.20 0.00	39.20 -2.06 0.00	38.79 -2.08 0.00	37.03 -2.11 0.00	38.38 -2.02 0.00	39.84 -2.32 0.00	38.08 -3.22 0.01	41.91 -3.74 0.00	45.20 -4.09 0.00	47.39 -4.52 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.71 -5.17 0.00	55.66 -6.18 0.00	62.44 -6.48 0.00	63.04 -6.16 0.00	55.42 -5.41 0.00	47.17 -4.16 0.00	42.95 -3.74 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
HUNTLEY___64 23558	48.41 -2.66 0.00	45.36 -2.29 0.00	41.84 -2.20 0.00	39.20 -2.06 0.00	38.79 -2.08 0.00	37.03 -2.11 0.00	38.38 -2.02 0.00	39.84 -2.32 0.00	38.08 -3.22 0.01	41.91 -3.74 0.00	45.20 -4.09 0.00	47.39 -4.52 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.71 -5.17 0.00	55.66 -6.18 0.00	62.44 -6.48 0.00	63.04 -6.16 0.00	55.42 -5.41 0.00	47.17 -4.16 0.00	42.95 -3.74 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
HUNTLEY___65 23559	48.41 -2.66 0.00	45.36 -2.29 0.00	41.84 -2.20 0.00	39.20 -2.06 0.00	38.79 -2.08 0.00	37.03 -2.11 0.00	38.38 -2.02 0.00	39.84 -2.32 0.00	38.08 -3.22 0.01	41.91 -3.74 0.00	45.20 -4.09 0.00	47.39 -4.52 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.71 -5.17 0.00	55.66 -6.18 0.00	62.44 -6.48 0.00	63.04 -6.16 0.00	55.42 -5.41 0.00	47.17 -4.16 0.00	42.95 -3.74 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
HUNTLEY___66 23560	48.41 -2.66 0.00	45.36 -2.29 0.00	41.84 -2.20 0.00	39.20 -2.06 0.00	38.79 -2.08 0.00	37.03 -2.11 0.00	38.38 -2.02 0.00	39.84 -2.32 0.00	38.08 -3.22 0.01	41.91 -3.74 0.00	45.20 -4.09 0.00	47.39 -4.52 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.71 -5.17 0.00	55.66 -6.18 0.00	62.44 -6.48 0.00	63.04 -6.16 0.00	55.42 -5.41 0.00	47.17 -4.16 0.00	42.95 -3.74 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
HUNTLEY___67 23561	48.21 -2.86 0.00	45.17 -2.48 0.00	41.66 -2.38 0.00	39.04 -2.23 0.00	38.62 -2.25 0.00	36.95 -2.19 0.00	38.30 -2.10 0.00	39.80 -2.36 0.00	38.09 -3.22 0.00	41.91 -3.74 0.00	45.16 -4.14 0.00	47.39 -4.52 0.00	50.32 -5.65 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.65 -5.23 0.00	55.60 -6.25 0.00	62.44 -6.48 0.00	62.90 -6.30 0.00	55.42 -5.41 0.00	47.11 -4.21 0.00	42.91 -3.78 0.00	41.20 -2.26 0.00	40.29 -2.12 0.00
HUNTLEY___68 23562	48.21 -2.86 0.00	45.17 -2.48 0.00	41.66 -2.38 0.00	39.04 -2.23 0.00	38.62 -2.25 0.00	36.95 -2.19 0.00	38.30 -2.10 0.00	39.80 -2.36 0.00	38.09 -3.22 0.00	41.91 -3.74 0.00	45.16 -4.14 0.00	47.39 -4.52 0.00	50.32 -5.65 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.65 -5.23 0.00	55.60 -6.25 0.00	62.44 -6.48 0.00	62.90 -6.30 0.00	55.42 -5.41 0.00	47.11 -4.21 0.00	42.91 -3.78 0.00	41.20 -2.26 0.00	40.29 -2.12 0.00

HYLAND___LFGE 323620	51.17 0.10 0.00	47.64 0.00 0.00	43.95 -0.09 0.00	41.14 -0.12 0.00	40.59 -0.28 0.00	39.26 0.12 0.00	40.97 0.57 0.00	42.88 0.72 0.00	40.86 -0.45 0.00	44.60 -1.05 0.00	47.62 -1.68 0.00	49.68 -2.23 0.00	53.06 -2.91 0.00	55.79 -2.93 0.00	53.34 -2.34 0.00	51.99 -1.89 0.00	60.30 -1.54 0.00	68.57 -0.34 0.00	69.68 0.49 0.00	61.20 0.37 0.00	51.99 0.67 0.00	47.11 0.42 0.00	44.50 1.04 0.00	43.26 0.85 0.00
INDECK___CORINTH 23802	54.54 3.47 0.00	50.93 3.28 0.00	46.95 2.91 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.84 2.70 0.00	43.11 2.71 0.00	45.15 2.99 0.00	44.41 3.10 0.00	49.53 3.88 0.00	53.73 4.44 0.00	56.48 4.57 0.00	60.79 4.81 0.00	63.72 4.99 0.00	60.30 4.62 0.00	58.46 4.58 0.00	67.23 5.38 0.00	74.30 5.38 0.00	74.60 5.40 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.05 3.36 0.00	46.55 3.09 0.00	45.51 3.09 0.00
INDECK___ILION 23567	52.80 1.74 0.00	49.12 1.48 0.00	45.32 1.28 0.00	42.38 1.11 0.00	41.89 1.02 0.00	40.08 0.94 0.00	41.37 0.97 0.00	43.17 1.01 0.00	42.35 1.03 0.00	46.88 1.23 0.00	50.68 1.38 0.00	53.47 1.56 0.00	57.71 1.74 0.00	60.61 1.88 0.00	57.41 1.73 0.00	55.55 1.67 0.00	63.64 1.79 0.00	70.98 2.07 0.00	71.34 2.15 0.00	62.60 1.76 0.00	52.76 1.44 0.00	48.00 1.31 0.00	44.63 1.17 0.00	43.56 1.15 0.00
INDECK___OLEAN 23982	48.46 -2.60 0.00	45.26 -2.38 0.00	41.75 -2.29 0.00	39.08 -2.19 0.00	38.46 -2.41 0.00	36.87 -2.27 0.00	38.26 -2.14 0.00	39.88 -2.28 0.00	38.26 -3.06 0.00	42.09 -3.56 0.00	45.40 -3.90 0.00	47.60 -4.31 0.00	50.77 -5.20 0.00	53.15 -5.58 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.28 -5.57 0.00	63.47 -5.45 0.00	64.00 -5.19 0.00	56.21 -4.63 0.00	47.73 -3.59 0.00	43.47 -3.22 0.00	41.38 -2.09 0.00	40.71 -1.70 0.00
INDECK___OSWEGO 23783	49.64 -1.43 0.00	46.40 -1.24 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.85 -1.02 0.00	38.20 -0.94 0.00	39.51 -0.89 0.00	41.19 -0.97 0.00	40.20 -1.11 0.00	44.28 -1.37 0.00	47.82 -1.48 0.00	50.35 -1.56 0.00	54.18 -1.79 0.00	56.85 -1.88 0.00	53.90 -1.78 0.00	52.21 -1.67 0.00	59.87 -1.98 0.00	66.92 -2.00 0.00	67.12 -2.07 0.00	59.07 -1.77 0.00	49.83 -1.49 0.00	45.38 -1.31 0.00	42.29 -1.17 0.00	41.23 -1.19 0.00
INDECK___YERKES 23781	48.41 -2.66 0.00	45.36 -2.29 0.00	41.88 -2.16 0.00	39.25 -2.02 0.00	38.58 -2.29 0.00	37.07 -2.08 0.00	38.42 -1.98 0.00	39.88 -2.28 0.00	38.12 -3.18 0.01	41.95 -3.70 0.00	45.25 -4.04 0.00	47.44 -4.46 0.00	50.38 -5.60 0.00	52.80 -5.93 0.00	50.28 -5.40 0.00	48.71 -5.17 0.00	55.72 -6.12 0.00	62.51 -6.41 0.00	63.04 -6.16 0.00	55.48 -5.35 0.00	47.17 -4.16 0.00	42.95 -3.74 0.00	41.29 -2.17 0.00	40.71 -1.70 0.00
INDIAN POINT_GT_1 24139	53.06 1.99 0.00	49.31 1.67 0.00	45.71 1.67 0.00	42.88 1.61 0.00	42.55 1.68 0.00	40.75 1.60 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.16 2.51 0.00	52.01 2.71 0.00	54.81 2.91 0.00	59.50 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.55 4.36 0.00	64.73 3.89 0.00	54.40 3.08 0.00	49.58 2.89 0.00	45.89 2.43 0.00	44.79 2.38 0.00
INDIAN POINT_GT_2 23659	53.06 1.99 0.00	49.31 1.67 0.00	45.71 1.67 0.00	42.88 1.61 0.00	42.55 1.68 0.00	40.75 1.60 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.16 2.51 0.00	52.01 2.71 0.00	54.81 2.91 0.00	59.50 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.55 4.36 0.00	64.73 3.89 0.00	54.40 3.08 0.00	49.58 2.89 0.00	45.89 2.43 0.00	44.79 2.38 0.00
INDIAN POINT_GT_3 24019	53.06 1.99 0.00	49.31 1.67 0.00	45.71 1.67 0.00	42.88 1.61 0.00	42.55 1.68 0.00	40.75 1.60 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.16 2.51 0.00	52.01 2.71 0.00	54.81 2.91 0.00	59.50 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.55 4.36 0.00	64.73 3.89 0.00	54.40 3.08 0.00	49.58 2.89 0.00	45.89 2.43 0.00	44.79 2.38 0.00
INDIAN POINT___2 23530	52.85 1.79 0.00	49.21 1.57 0.00	45.58 1.54 0.00	42.75 1.48 0.00	42.46 1.59 0.00	40.63 1.49 0.00	41.94 1.53 0.00	43.89 1.73 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.86 2.56 0.00	54.66 2.75 0.00	59.34 3.36 0.00	62.25 3.52 0.00	58.85 3.17 0.00	57.00 3.12 0.00	65.62 3.77 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.25 2.92 0.00	49.44 2.75 0.00	45.76 2.30 0.00	44.62 2.20 0.00
INDIAN POINT___3 23531	53.11 2.04 0.00	49.36 1.72 0.00	45.71 1.67 0.00	42.92 1.65 0.00	42.55 1.68 0.00	40.79 1.64 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.46 2.15 0.00	48.16 2.51 0.00	52.06 2.76 0.00	54.87 2.96 0.00	59.50 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.55 4.36 0.00	64.73 3.89 0.00	54.40 3.08 0.00	49.58 2.89 0.00	45.89 2.43 0.00	44.79 2.38 0.00
INGHAM_C_115KV_TB7 356103	54.79 3.73 0.00	50.93 3.29 0.00	46.86 2.82 0.00	43.74 2.48 0.00	43.20 2.33 0.00	41.30 2.15 0.00	42.58 2.18 0.00	44.44 2.28 0.00	43.58 2.27 0.00	48.30 2.65 0.00	52.25 2.96 0.00	55.18 3.27 0.00	59.56 3.58 0.00	62.60 3.88 0.00	59.24 3.56 0.00	57.33 3.45 0.00	65.62 3.77 0.00	73.19 4.27 0.00	73.62 4.43 0.00	64.55 3.71 0.00	54.35 3.03 0.00	49.49 2.80 0.00	45.98 2.52 0.00	44.87 2.46 0.00
IP CORINTH___1 23988	54.54 3.47 0.00	50.93 3.29 0.00	46.95 2.91 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.84 2.70 0.00	43.11 2.71 0.00	45.15 2.99 0.00	44.41 3.10 0.00	49.53 3.88 0.00	53.73 4.44 0.00	56.48 4.57 0.00	60.74 4.76 0.00	63.72 4.99 0.00	60.30 4.62 0.00	58.46 4.58 0.00	67.23 5.38 0.00	74.29 5.38 0.00	74.59 5.40 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.05 3.36 0.00	46.55 3.09 0.00	45.55 3.14 0.00
IP___TICONDEROGA 23804	56.58 5.52 0.00	52.98 5.34 0.00	48.84 4.80 0.00	45.64 4.37 0.00	45.37 4.50 0.00	43.45 4.31 0.00	44.76 4.36 0.00	46.88 4.72 0.00	46.06 4.75 0.00	51.54 5.89 0.00	56.00 6.70 0.00	58.81 6.90 0.00	63.03 7.05 0.00	66.07 7.34 0.00	62.47 6.79 0.00	60.61 6.73 0.00	69.95 8.10 0.00	77.39 8.48 0.00	77.71 8.51 0.00	68.32 7.48 0.00	57.28 5.95 0.00	51.92 5.23 0.00	48.29 4.82 0.00	47.16 4.75 0.00
ISLIP_RES_REC 323679	55.31 4.24 -0.01	51.27 3.62 -0.01	47.53 3.48 -0.01	44.58 3.30 -0.01	44.35 3.47 -0.01	42.43 3.29 0.00	43.59 3.19 0.00	45.71 3.54 -0.01	45.12 3.80 -0.01	49.86 4.20 -0.01	73.25 4.53 -19.42	78.15 5.14 -21.10	83.13 5.93 -21.22	85.43 6.22 -20.48	85.50 5.62 -24.20	89.43 5.77 -29.78	98.71 6.86 -30.00	100.38 7.51 -23.95	90.42 7.68 -13.55	87.57 6.75 -19.98	78.73 5.18 -22.22	61.59 4.76 -10.14	55.17 4.17 -7.54	46.41 3.99 -0.01

JAMAICA__27_KV_LOAD 355505	53.21 2.14 0.00	49.26 1.62 0.00	45.67 1.63 0.00	42.96 1.69 0.00	42.59 1.72 0.00	40.86 1.72 0.00	42.22 1.82 0.00	44.27 2.11 0.00	43.87 2.56 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.02 4.03 -0.02	62.91 4.17 -0.02	59.52 3.84 0.00	57.65 3.77 0.00	66.36 4.51 0.00	73.95 5.03 0.00	74.38 5.19 0.00	65.40 4.56 0.00	55.02 3.70 0.00	50.00 3.31 0.00	46.37 2.91 0.00	45.21 2.80 0.00
JANIS__SOLAR 323808	52.34 1.28 0.00	48.79 1.14 0.00	44.97 0.93 0.00	42.09 0.83 0.00	41.61 0.74 0.00	39.85 0.71 0.00	41.33 0.93 0.00	43.22 1.05 0.00	42.01 0.70 0.00	46.38 0.73 0.00	49.89 0.59 0.00	52.48 0.57 0.00	56.42 0.45 0.00	59.49 0.76 0.00	56.57 0.89 0.00	55.01 1.13 0.00	63.52 1.67 0.00	71.33 2.41 0.00	71.97 2.77 0.00	63.09 2.25 0.00	53.17 1.84 0.00	48.04 1.35 0.00	44.72 1.26 0.00	43.56 1.15 0.00
JARVIS____ 23743	51.32 0.26 0.00	47.88 0.24 0.00	44.22 0.18 0.00	41.43 0.17 0.00	41.04 0.16 0.00	39.30 0.16 0.00	40.56 0.16 0.00	42.33 0.17 0.00	41.52 0.21 0.00	45.88 0.23 0.00	49.54 0.25 0.00	52.22 0.31 0.00	56.32 0.34 0.00	59.08 0.35 0.00	56.02 0.34 0.00	54.20 0.33 0.00	62.22 0.37 0.00	69.26 0.35 0.00	69.61 0.42 0.00	61.20 0.37 0.00	51.58 0.26 0.00	46.97 0.28 0.00	43.68 0.22 0.00	42.67 0.26 0.00
JENNISON____1 23625	52.34 1.28 0.00	48.79 1.14 0.00	44.92 0.88 0.00	42.09 0.83 0.00	41.57 0.69 0.00	39.77 0.63 0.00	41.13 0.73 0.00	43.00 0.84 0.00	42.10 0.78 0.00	46.75 1.10 0.00	50.53 1.23 0.00	53.21 1.30 0.00	57.26 1.29 0.00	60.37 1.64 0.00	57.57 1.89 0.00	55.82 1.94 0.00	64.20 2.35 0.00	71.88 2.96 0.00	72.45 3.25 0.00	63.39 2.56 0.00	53.43 2.10 0.00	48.04 1.35 0.00	44.72 1.26 0.00	43.56 1.15 0.00
JENNISON____2 23626	52.34 1.28 0.00	48.79 1.14 0.00	44.92 0.88 0.00	42.09 0.83 0.00	41.57 0.69 0.00	39.77 0.63 0.00	41.13 0.73 0.00	43.00 0.84 0.00	42.10 0.78 0.00	46.75 1.10 0.00	50.53 1.23 0.00	53.21 1.30 0.00	57.26 1.29 0.00	60.37 1.64 0.00	57.57 1.89 0.00	55.82 1.94 0.00	64.20 2.35 0.00	71.88 2.96 0.00	72.45 3.25 0.00	63.39 2.56 0.00	53.43 2.10 0.00	48.04 1.35 0.00	44.72 1.26 0.00	43.56 1.15 0.00
JERICOHO_RISE_WT_PWR 323719	51.32 0.26 0.00	47.93 0.29 0.00	44.22 0.18 0.00	41.35 0.08 0.00	40.83 -0.04 0.00	38.99 -0.16 0.00	40.04 -0.36 0.00	41.61 -0.55 0.00	40.73 -0.58 0.00	44.87 -0.78 0.00	48.51 -0.79 0.00	51.08 -0.83 0.00	54.91 -1.07 0.00	57.55 -1.17 0.00	54.68 -1.00 0.00	52.91 -0.97 0.00	60.61 -1.24 0.00	67.54 -1.38 0.00	67.74 -1.46 0.00	59.38 -1.46 0.00	50.30 -1.03 0.00	45.57 -1.12 0.00	42.33 -1.13 0.00	41.18 -1.23 0.00
KATONAH__115KV_46KV_TB4 355592	53.57 2.50 0.00	49.74 2.10 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.87 2.00 0.00	41.06 1.92 0.00	42.38 1.98 0.00	44.31 2.15 0.00	43.79 2.48 0.00	48.53 2.88 0.00	52.50 3.20 0.00	55.33 3.43 0.00	60.06 4.09 0.00	63.01 4.29 0.00	59.69 4.01 0.00	57.70 3.83 0.00	66.43 4.58 0.00	73.88 4.96 0.00	74.25 5.05 0.00	65.34 4.50 0.00	54.86 3.54 0.00	49.96 3.27 0.00	46.16 2.69 0.00	45.04 2.63 0.00
KCE_NY_1 323755	53.92 2.86 0.00	50.36 2.71 0.00	46.55 2.51 0.00	43.58 2.31 0.00	43.24 2.37 0.00	41.37 2.23 0.00	42.66 2.26 0.00	44.61 2.44 0.00	43.87 2.56 0.00	48.80 3.15 0.00	52.85 3.55 0.00	55.59 3.69 0.00	59.89 3.92 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.59 3.71 0.00	66.24 4.39 0.00	73.46 4.55 0.00	73.76 4.57 0.00	64.79 3.95 0.00	54.51 3.18 0.00	49.54 2.85 0.00	46.11 2.65 0.00	45.04 2.63 0.00
KCE_NY_6_ESR 323823	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.66 -2.21 0.00	37.11 -2.04 0.00	38.46 -1.94 0.00	40.01 -2.15 0.00	38.30 -3.01 0.00	42.14 -3.51 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.66 -5.32 0.00	53.09 -5.64 0.00	50.50 -5.18 0.00	48.98 -4.90 0.00	56.03 -5.82 0.00	62.99 -5.93 0.00	63.52 -5.67 0.00	55.85 -4.99 0.00	47.47 -3.85 0.00	43.24 -3.45 0.00	41.46 -2.00 0.00	40.80 -1.61 0.00
KEDC_PORT_JEFF_GT2 24210	54.95 3.88 -0.01	50.94 3.28 -0.01	47.22 3.17 -0.01	44.29 3.01 -0.01	44.07 3.19 -0.01	42.16 3.01 0.00	43.31 2.91 0.00	45.42 3.25 -0.01	44.87 3.55 -0.01	49.59 3.93 -0.01	72.68 4.19 -19.20	77.49 4.72 -20.86	82.50 5.54 -20.98	84.73 5.76 -20.25	84.78 5.18 -23.92	88.65 5.34 -29.44	97.87 6.37 -29.65	99.48 6.89 -23.67	89.65 7.06 -13.39	86.80 6.21 -19.76	78.06 4.77 -21.97	61.15 4.44 -10.02	54.74 3.83 -7.45	46.11 3.69 -0.01
KEDC_PORT_JEFF_GT3 24211	54.95 3.88 -0.01	50.94 3.28 -0.01	47.22 3.17 -0.01	44.29 3.01 -0.01	44.07 3.19 -0.01	42.16 3.01 0.00	43.31 2.91 0.00	45.42 3.25 -0.01	44.87 3.55 -0.01	49.59 3.93 -0.01	72.68 4.19 -19.20	77.49 4.72 -20.86	82.50 5.54 -20.98	84.73 5.76 -20.25	84.78 5.18 -23.92	88.65 5.34 -29.44	97.87 6.37 -29.65	99.48 6.89 -23.67	89.65 7.06 -13.39	86.80 6.21 -19.76	78.06 4.77 -21.97	61.15 4.44 -10.02	54.74 3.83 -7.45	46.11 3.69 -0.01
KEDC_GLWD_GT4 24219	54.09 3.01 -0.02	50.23 2.57 -0.02	46.56 2.51 -0.02	43.72 2.43 -0.02	43.42 2.53 -0.02	41.57 2.43 0.00	42.82 2.42 0.00	44.88 2.70 -0.02	44.30 2.98 -0.02	49.04 3.38 -0.02	86.31 3.60 -33.41	91.85 3.63 -36.31	96.81 4.31 -36.52	98.50 4.52 -35.25	101.44 4.12 -41.64	109.16 4.04 -51.24	118.29 4.83 -51.62	115.29 5.17 -41.21	97.83 5.33 -23.31	99.97 4.75 -34.39	93.57 4.01 -38.24	67.87 3.74 -17.44	59.70 3.26 -12.98	45.57 3.14 -0.02
KEDC_GLWD_GT5 24220	54.09 3.01 -0.02	50.23 2.57 -0.02	46.56 2.51 -0.02	43.72 2.43 -0.02	43.42 2.53 -0.02	41.57 2.43 0.00	42.82 2.42 0.00	44.88 2.70 -0.02	44.30 2.98 -0.02	49.04 3.38 -0.02	86.31 3.60 -33.41	91.85 3.63 -36.31	96.81 4.31 -36.52	98.50 4.52 -35.25	101.44 4.12 -41.64	109.16 4.04 -51.24	118.29 4.83 -51.62	115.29 5.17 -41.21	97.83 5.33 -23.31	99.97 4.75 -34.39	93.57 4.01 -38.24	67.87 3.74 -17.44	59.70 3.26 -12.98	45.57 3.14 -0.02
KENSICO____ 23655	53.42 2.35 0.00	49.50 1.86 0.00	45.85 1.81 0.00	43.04 1.77 0.00	42.71 1.84 0.00	40.90 1.76 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.63 2.31 0.00	48.34 2.69 0.00	52.25 2.96 0.00	55.07 3.17 0.00	59.78 3.81 0.00	62.72 3.99 0.00	59.30 3.62 0.00	57.38 3.50 0.00	66.05 4.21 0.00	73.53 4.62 0.00	73.90 4.71 0.00	64.97 4.14 0.00	54.61 3.28 0.00	49.77 3.08 0.00	46.07 2.61 0.00	44.96 2.54 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.62 2.55 0.00	49.79 2.14 0.00	46.15 2.11 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.46 2.06 0.00	44.35 2.19 0.00	43.75 2.44 0.00	48.53 2.88 0.00	52.25 2.96 0.00	54.97 3.06 0.00	59.73 3.75 0.00	62.72 3.99 0.00	59.41 3.73 0.00	57.60 3.72 0.00	66.49 4.64 0.00	74.09 5.17 0.00	74.52 5.33 0.00	65.46 4.62 0.00	54.92 3.59 0.00	50.00 3.31 0.00	46.24 2.78 0.00	45.00 2.59 0.00

KIAC_JFK_GT1 23816	52.96 1.89 0.00	49.03 1.38 0.00	45.45 1.41 0.00	42.71 1.44 0.00	42.38 1.51 0.00	40.67 1.53 0.00	41.98 1.58 0.00	44.06 1.90 0.00	43.67 2.35 0.00	48.34 2.69 0.00	52.30 3.01 0.00	55.13 3.22 0.00	59.69 3.69 -0.02	62.62 3.88 -0.02	59.24 3.56 0.00	57.33 3.45 0.00	65.99 4.14 0.00	73.53 4.62 0.00	73.90 4.71 0.00	65.03 4.20 0.00	54.71 3.39 0.00	49.72 3.03 0.00	46.16 2.69 0.00	44.96 2.54 0.00
KIAC_JFK_GT2 23817	52.96 1.89 0.00	49.03 1.38 0.00	45.45 1.41 0.00	42.71 1.44 0.00	42.38 1.51 0.00	40.67 1.53 0.00	41.98 1.58 0.00	44.06 1.90 0.00	43.67 2.35 0.00	48.34 2.69 0.00	52.30 3.01 0.00	55.13 3.22 0.00	59.69 3.69 -0.02	62.62 3.88 -0.02	59.24 3.56 0.00	57.33 3.45 0.00	65.99 4.14 0.00	73.53 4.62 0.00	73.90 4.71 0.00	65.03 4.20 0.00	54.71 3.39 0.00	49.72 3.03 0.00	46.16 2.69 0.00	44.96 2.54 0.00
KIAC_JFK____ 323774	52.96 1.89 0.00	49.03 1.38 0.00	45.45 1.41 0.00	42.71 1.44 0.00	42.42 1.55 0.00	40.67 1.53 0.00	41.97 1.57 0.00	44.01 1.85 0.00	43.67 2.35 0.00	48.34 2.69 0.00	52.25 2.96 0.00	55.13 3.22 0.00	59.74 3.75 -0.02	62.62 3.88 -0.02	59.25 3.57 -0.01	57.33 3.45 0.00	66.00 4.14 -0.01	73.47 4.55 -0.01	73.90 4.71 0.00	65.04 4.19 -0.01	54.71 3.39 0.00	49.72 3.03 0.00	46.16 2.70 -0.01	44.88 2.46 -0.01
KINTIGH__24_KV_GSU 356498	48.36 -2.71 0.00	45.22 -2.43 0.00	41.80 -2.24 0.00	39.16 -2.10 0.00	38.66 -2.21 0.00	37.19 -1.96 0.00	38.58 -1.82 0.00	40.22 -1.94 0.00	38.59 -2.73 0.00	42.50 -3.15 0.00	45.80 -3.50 0.00	48.07 -3.84 0.00	51.22 -4.76 0.00	53.68 -5.05 0.00	51.06 -4.62 0.00	49.46 -4.42 0.00	56.53 -5.32 0.00	63.40 -5.52 0.00	63.73 -5.47 0.00	56.15 -4.68 0.00	47.73 -3.59 0.00	43.47 -3.22 0.00	41.51 -1.95 0.00	40.71 -1.70 0.00
KINTIGH____ 23543	48.36 -2.71 0.00	45.21 -2.43 0.00	41.79 -2.25 0.00	39.16 -2.10 0.00	38.79 -2.08 0.00	37.19 -1.96 0.00	38.58 -1.82 0.00	40.18 -1.98 0.00	38.59 -2.73 0.00	42.50 -3.15 0.00	45.80 -3.50 0.00	48.07 -3.84 0.00	51.16 -4.81 0.00	53.68 -5.05 0.00	51.06 -4.62 0.00	49.46 -4.42 0.00	56.53 -5.32 0.00	63.33 -5.58 0.00	63.73 -5.47 0.00	56.15 -4.68 0.00	47.73 -3.59 0.00	43.47 -3.22 0.00	41.51 -1.96 0.00	40.46 -1.95 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.88 0.82 0.00	48.50 0.86 0.00	44.74 0.70 0.00	41.80 0.54 0.00	41.28 0.41 0.00	39.46 0.31 0.00	40.52 0.12 0.00	42.12 -0.04 0.00	41.23 -0.08 0.00	45.47 -0.18 0.00	49.15 -0.15 0.00	51.75 -0.16 0.00	55.70 -0.28 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.72 -0.16 0.00	61.60 -0.25 0.00	68.71 -0.21 0.00	68.92 -0.28 0.00	60.35 -0.49 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	42.94 -0.52 0.00	41.78 -0.64 0.00
LACHUTE____HYDRO 323717	56.58 5.52 0.00	52.98 5.33 0.00	48.84 4.80 0.00	45.64 4.37 0.00	45.37 4.50 0.00	43.45 4.31 0.00	44.77 4.36 0.00	46.88 4.72 0.00	46.06 4.75 0.00	51.54 5.89 0.00	56.00 6.70 0.00	58.81 6.90 0.00	63.09 7.11 0.00	66.07 7.34 0.00	62.47 6.79 0.00	60.61 6.73 0.00	69.95 8.10 0.00	77.39 8.47 0.00	77.70 8.51 0.00	68.32 7.48 0.00	57.27 5.95 0.00	51.92 5.23 0.00	48.28 4.82 0.00	47.16 4.75 0.00
LAWRNCV_115KV_TB1 80681	51.32 0.26 0.00	48.07 0.43 0.00	44.35 0.31 0.00	41.47 0.21 0.00	40.95 0.08 0.00	38.99 -0.16 0.00	40.12 -0.28 0.00	41.82 -0.34 0.00	41.02 -0.29 0.00	45.33 -0.32 0.00	49.10 -0.20 0.00	51.70 -0.21 0.00	55.70 -0.28 0.00	58.43 -0.29 0.00	55.57 -0.11 0.00	53.77 -0.11 0.00	61.29 -0.56 0.00	68.16 -0.76 0.00	68.30 -0.90 0.00	59.80 -1.03 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.20 -0.26 0.00	42.16 -0.25 0.00
LEDERLE____ 23769	53.21 2.14 0.00	49.45 1.81 0.00	45.85 1.81 0.00	43.00 1.73 0.00	42.63 1.76 0.00	40.86 1.72 0.00	42.18 1.78 0.00	44.10 1.94 0.00	43.50 2.19 0.00	48.30 2.65 0.00	52.16 2.86 0.00	54.97 3.06 0.00	59.67 3.69 0.00	62.60 3.88 0.00	59.24 3.56 0.00	57.33 3.45 0.00	65.99 4.14 0.00	73.46 4.55 0.00	73.83 4.64 0.00	64.97 4.14 0.00	54.56 3.23 0.00	49.72 3.03 0.00	46.03 2.56 0.00	44.87 2.46 0.00
LIGHTHSE_115KV_TB6 355974	50.25 -0.82 0.00	46.93 -0.71 0.00	43.29 -0.75 0.00	40.61 -0.66 0.00	40.22 -0.65 0.00	38.44 -0.70 0.00	39.67 -0.73 0.00	41.40 -0.76 0.00	40.40 -0.91 0.00	44.56 -1.10 0.00	48.26 -1.04 0.00	50.82 -1.09 0.00	54.69 -1.29 0.00	57.44 -1.29 0.00	54.51 -1.17 0.00	52.80 -1.08 0.00	60.55 -1.30 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.80 -1.03 0.00	50.45 -0.87 0.00	45.94 -0.75 0.00	42.77 -0.70 0.00	41.73 -0.68 0.00
LINDEN COGEN____ 23786	53.37 2.30 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.08 1.81 0.00	42.79 1.92 0.00	40.98 1.84 0.00	42.26 1.86 0.00	44.27 2.11 0.00	43.83 2.52 0.00	48.62 2.97 0.00	52.45 3.16 0.00	55.33 3.43 0.00	60.14 4.14 -0.02	63.09 4.35 -0.02	59.64 3.95 -0.01	57.70 3.83 0.00	66.43 4.58 -0.01	73.89 4.96 -0.01	74.24 5.05 0.00	65.35 4.50 -0.01	54.86 3.54 0.00	50.05 3.36 0.00	46.34 2.87 -0.01	45.14 2.72 -0.01
LINDHRST_69_KV_BK1 356055	55.16 4.09 -0.01	51.28 3.62 -0.01	47.49 3.44 -0.01	44.58 3.30 -0.01	44.19 3.31 -0.01	42.35 3.21 0.00	43.55 3.15 0.00	45.71 3.54 -0.01	45.08 3.76 -0.01	49.86 4.20 -0.01	76.32 4.58 -22.44	81.28 4.98 -24.39	86.27 5.77 -24.53	88.45 6.05 -23.67	89.22 5.57 -27.97	93.90 5.60 -34.42	103.20 6.68 -34.67	103.90 7.31 -27.68	92.32 7.47 -15.66	90.50 6.57 -23.10	82.09 5.08 -25.69	63.17 4.76 -11.72	56.39 4.22 -8.72	46.58 4.16 -0.01
LIPA_MISC_IPP 23656	55.11 4.03 -0.01	51.08 3.43 -0.01	47.31 3.26 -0.01	44.41 3.14 -0.01	44.03 3.15 -0.01	42.27 3.13 0.00	43.39 2.99 0.00	45.42 3.25 -0.01	44.87 3.55 -0.01	49.59 3.93 -0.01	72.77 4.39 -19.09	77.42 4.78 -20.74	82.38 5.54 -20.86	84.68 5.81 -20.13	84.47 5.01 -23.78	88.48 5.33 -29.27	97.64 6.31 -29.49	99.35 6.89 -23.54	89.57 7.06 -13.31	86.68 6.21 -19.64	77.94 4.77 -21.84	61.04 4.39 -9.96	54.65 3.78 -7.41	46.20 3.77 -0.01
LISF____SOLAR 323691	55.21 4.13 -0.01	51.18 3.53 -0.01	47.39 3.35 -0.01	44.45 3.18 -0.01	44.31 3.43 -0.01	42.35 3.21 0.00	43.47 3.07 0.00	45.50 3.33 -0.01	44.96 3.64 -0.01	49.68 4.02 -0.01	72.71 4.29 -19.13	77.57 4.88 -20.78	82.53 5.65 -20.90	84.83 5.93 -20.18	84.63 5.12 -23.83	88.65 5.44 -29.33	97.89 6.49 -29.55	99.54 7.03 -23.59	89.73 7.20 -13.34	86.85 6.33 -19.68	78.09 4.88 -21.89	61.16 4.48 -9.98	54.80 3.91 -7.43	46.24 3.82 -0.01
LITTLE FALLS____HYD 24013	54.79 3.73 0.00	50.93 3.29 0.00	46.86 2.82 0.00	43.74 2.48 0.00	43.20 2.33 0.00	41.30 2.15 0.00	42.58 2.18 0.00	44.44 2.28 0.00	43.58 2.27 0.00	48.30 2.65 0.00	52.25 2.96 0.00	55.18 3.27 0.00	59.56 3.58 0.00	62.60 3.88 0.00	59.24 3.56 0.00	57.33 3.45 0.00	65.62 3.77 0.00	73.19 4.27 0.00	73.62 4.43 0.00	64.55 3.71 0.00	54.35 3.03 0.00	49.49 2.80 0.00	45.98 2.52 0.00	44.87 2.46 0.00

LITTLRIV_115KV_TB1 356100	51.93 0.87 0.00	48.64 1.00 0.00	44.83 0.79 0.00	41.93 0.66 0.00	41.40 0.53 0.00	39.42 0.27 0.00	40.52 0.12 0.00	42.25 0.08 0.00	41.35 0.04 0.00	45.61 -0.05 0.00	49.39 0.10 0.00	52.01 0.10 0.00	55.98 0.00 0.00	58.79 0.06 0.00	55.96 0.28 0.00	54.20 0.32 0.00	61.91 0.06 0.00	69.05 0.14 0.00	69.40 0.21 0.00	60.65 -0.18 0.00	51.58 0.26 0.00	46.88 0.19 0.00	43.77 0.30 0.00	42.67 0.25 0.00
LI_NEWBRDGE___DRP 323616	53.99 2.91 -0.01	50.18 2.53 -0.01	46.51 2.47 -0.01	43.71 2.43 -0.01	43.33 2.45 -0.01	41.57 2.43 0.00	42.78 2.38 0.00	44.87 2.70 -0.01	44.25 2.93 -0.01	48.90 3.24 -0.01	70.50 3.40 -17.80	74.94 3.69 -19.34	79.80 4.37 -19.46	82.09 4.58 -18.78	82.04 4.18 -22.18	85.44 4.26 -27.30	94.42 5.07 -27.50	96.31 5.44 -21.95	87.22 5.60 -12.42	84.15 4.99 -18.32	75.49 3.80 -20.37	59.58 3.60 -9.29	53.46 3.09 -6.91	45.47 3.05 -0.01
LOCKPORT_115KV_TB60_63_64 80432	48.46 -2.60 0.00	45.50 -2.14 0.00	42.01 -2.03 0.00	39.37 -1.90 0.00	38.95 -1.92 0.00	37.26 -1.88 0.00	38.62 -1.78 0.00	39.84 -2.32 0.00	38.01 -3.31 0.00	41.82 -3.83 0.00	45.11 -4.19 0.00	47.29 -4.62 0.00	50.21 -5.77 0.00	52.62 -6.11 0.00	50.11 -5.57 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.30 -6.62 0.00	62.83 -6.37 0.00	55.30 -5.54 0.00	47.06 -4.26 0.00	42.86 -3.83 0.00	41.20 -2.26 0.00	40.50 -1.91 0.00
LOCKPORT___CC1 323769	48.41 -2.66 0.00	45.41 -2.24 0.00	41.93 -2.11 0.00	39.29 -1.98 0.00	38.66 -2.21 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	39.84 -2.32 0.00	38.00 -3.31 0.00	41.82 -3.83 0.00	45.11 -4.19 0.00	47.29 -4.62 0.00	50.21 -5.76 0.00	52.62 -6.11 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.30 -6.62 0.00	62.76 -6.43 0.00	55.30 -5.54 0.00	47.01 -4.31 0.00	42.86 -3.83 0.00	41.16 -2.30 0.00	40.76 -1.65 0.00
LOCKPORT___CC2 323770	48.41 -2.66 0.00	45.41 -2.24 0.00	41.93 -2.11 0.00	39.29 -1.98 0.00	38.66 -2.21 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	39.84 -2.32 0.00	38.00 -3.31 0.00	41.82 -3.83 0.00	45.11 -4.19 0.00	47.29 -4.62 0.00	50.21 -5.76 0.00	52.62 -6.11 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.30 -6.62 0.00	62.76 -6.43 0.00	55.30 -5.54 0.00	47.01 -4.31 0.00	42.86 -3.83 0.00	41.16 -2.30 0.00	40.76 -1.65 0.00
LOCKPORT___CC3 323771	48.41 -2.66 0.00	45.41 -2.24 0.00	41.93 -2.11 0.00	39.29 -1.98 0.00	38.66 -2.21 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	39.84 -2.32 0.00	38.00 -3.31 0.00	41.82 -3.83 0.00	45.11 -4.19 0.00	47.29 -4.62 0.00	50.21 -5.76 0.00	52.62 -6.11 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.30 -6.62 0.00	62.76 -6.43 0.00	55.30 -5.54 0.00	47.01 -4.31 0.00	42.86 -3.83 0.00	41.16 -2.30 0.00	40.76 -1.65 0.00
LOCUSVLY_69_KV_BK2 55797	54.40 3.32 -0.01	50.52 2.86 -0.01	46.78 2.73 -0.01	43.96 2.68 -0.01	43.58 2.70 -0.01	41.77 2.62 0.00	43.03 2.63 0.00	45.13 2.95 -0.01	44.51 3.18 -0.01	49.27 3.61 -0.01	82.80 3.85 -29.66	88.24 4.10 -32.23	93.21 4.81 -32.42	95.06 5.05 -31.29	97.26 4.62 -36.96	104.00 4.63 -45.49	113.17 5.50 -45.82	111.42 5.93 -36.58	95.97 6.09 -20.69	96.78 5.41 -30.52	89.53 4.26 -33.94	66.19 4.02 -15.48	58.46 3.48 -11.52	45.86 3.44 -0.01
LONG_LAKE_PHOENIX 24014	49.69 -1.38 0.00	46.45 -1.19 0.00	42.94 -1.10 0.00	40.28 -0.99 0.00	39.89 -0.98 0.00	38.28 -0.86 0.00	39.59 -0.81 0.00	41.32 -0.84 0.00	40.32 -0.99 0.00	44.46 -1.19 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	54.35 -1.62 0.00	57.02 -1.70 0.00	54.07 -1.61 0.00	52.32 -1.56 0.00	60.05 -1.79 0.00	67.06 -1.86 0.00	67.33 -1.87 0.00	59.25 -1.58 0.00	49.99 -1.33 0.00	45.48 -1.21 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
LOVETT___3 23632	53.06 1.99 0.00	49.31 1.67 0.00	45.67 1.63 0.00	42.84 1.57 0.00	42.51 1.63 0.00	40.71 1.57 0.00	41.98 1.58 0.00	43.93 1.77 0.00	43.34 2.02 0.00	48.07 2.42 0.00	51.91 2.61 0.00	54.71 2.80 0.00	59.34 3.36 0.00	62.31 3.58 0.00	58.91 3.23 0.00	57.00 3.12 0.00	65.62 3.77 0.00	73.05 4.13 0.00	73.42 4.22 0.00	64.61 3.77 0.00	54.25 2.93 0.00	49.49 2.80 0.00	45.81 2.35 0.00	44.70 2.29 0.00
LOVETT___4 23642	53.06 1.99 0.00	49.31 1.67 0.00	45.67 1.63 0.00	42.84 1.57 0.00	42.51 1.63 0.00	40.71 1.57 0.00	41.98 1.58 0.00	43.93 1.77 0.00	43.34 2.02 0.00	48.07 2.42 0.00	51.91 2.61 0.00	54.71 2.80 0.00	59.34 3.36 0.00	62.31 3.58 0.00	58.91 3.23 0.00	57.00 3.12 0.00	65.62 3.77 0.00	73.05 4.13 0.00	73.42 4.22 0.00	64.61 3.77 0.00	54.25 2.93 0.00	49.49 2.80 0.00	45.81 2.35 0.00	44.70 2.29 0.00
LOVETT___5 23593	53.06 1.99 0.00	49.31 1.67 0.00	45.67 1.63 0.00	42.84 1.57 0.00	42.51 1.63 0.00	40.71 1.57 0.00	41.98 1.58 0.00	43.93 1.77 0.00	43.34 2.02 0.00	48.07 2.42 0.00	51.91 2.61 0.00	54.71 2.80 0.00	59.34 3.36 0.00	62.31 3.58 0.00	58.91 3.23 0.00	57.00 3.12 0.00	65.62 3.77 0.00	73.05 4.13 0.00	73.42 4.22 0.00	64.61 3.77 0.00	54.25 2.93 0.00	49.49 2.80 0.00	45.81 2.35 0.00	44.70 2.29 0.00
LOWER RAQUET___HYD 24057	51.22 0.15 0.00	48.02 0.38 0.00	44.26 0.22 0.00	41.43 0.17 0.00	40.91 0.04 0.00	38.91 -0.23 0.00	40.00 -0.40 0.00	41.70 -0.46 0.00	40.90 -0.41 0.00	45.19 -0.46 0.00	49.00 -0.29 0.00	51.55 -0.36 0.00	55.42 -0.56 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.61 -0.27 0.00	61.04 -0.81 0.00	67.88 -1.03 0.00	68.02 -1.18 0.00	59.56 -1.28 0.00	50.65 -0.67 0.00	46.13 -0.56 0.00	43.11 -0.35 0.00	42.03 -0.38 0.00
LOWER___HUDSON 24059	53.26 2.19 0.00	49.64 2.00 0.00	45.93 1.89 0.00	43.00 1.73 0.00	42.67 1.80 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.01 1.85 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.00 3.02 0.00	61.84 3.11 0.00	58.57 2.89 0.00	56.73 2.85 0.00	65.19 3.34 0.00	72.43 3.51 0.00	72.72 3.53 0.00	64.00 3.16 0.00	53.84 2.51 0.00	49.02 2.33 0.00	45.55 2.09 0.00	44.53 2.12 0.00
LOWVILLE_115KV_TB2 356335	51.68 0.61 0.00	47.74 0.10 0.00	44.00 -0.04 0.00	41.27 0.00 0.00	40.79 -0.08 0.00	38.87 -0.27 0.00	39.96 -0.44 0.00	41.74 -0.42 0.00	40.82 -0.50 0.00	45.15 -0.50 0.00	49.05 -0.25 0.00	51.60 -0.31 0.00	55.64 -0.34 0.00	58.55 -0.18 0.00	55.51 -0.17 0.00	53.72 -0.16 0.00	61.60 -0.25 0.00	68.92 0.00 0.00	69.61 0.42 0.00	60.84 0.00 0.00	51.32 0.00 0.00	46.88 0.19 0.00	43.55 0.09 0.00	42.46 0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	53.93 2.86 0.00	50.31 2.67 0.00	46.51 2.47 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.37 2.23 0.00	42.66 2.26 0.00	44.61 2.45 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.80 3.50 0.00	55.54 3.63 0.00	59.84 3.86 0.00	62.78 4.05 0.00	59.47 3.79 0.00	57.60 3.72 0.00	66.18 4.33 0.00	73.40 4.48 0.00	73.69 4.50 0.00	64.79 3.95 0.00	54.45 3.13 0.00	49.54 2.85 0.00	46.07 2.61 0.00	45.04 2.63 0.00

LUTHERNY_35_KV_BK2 355980	53.93 2.86 0.00	50.36 2.72 0.00	46.55 2.51 0.00	43.58 2.31 0.00	43.24 2.37 0.00	41.37 2.23 0.00	42.66 2.26 0.00	44.61 2.45 0.00	43.87 2.56 0.00	48.80 3.15 0.00	52.85 3.55 0.00	55.59 3.69 0.00	59.90 3.92 0.00	62.84 4.11 0.00	59.52 3.84 0.00	57.60 3.72 0.00	66.24 4.39 0.00	73.46 4.55 0.00	73.76 4.57 0.00	64.79 3.95 0.00	54.50 3.18 0.00	49.54 2.85 0.00	46.11 2.65 0.00	45.08 2.67 0.00
LWR___OSWEGATCHIE_HYD 23850	51.07 0.00 0.00	47.60 -0.05 0.00	43.86 -0.18 0.00	41.06 -0.21 0.00	40.59 -0.29 0.00	38.44 -0.70 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	40.36 -0.95 0.00	44.60 -1.05 0.00	48.70 -0.59 0.00	51.23 -0.67 0.00	55.19 -0.78 0.00	58.02 -0.70 0.00	55.12 -0.56 0.00	53.12 -0.75 0.00	60.67 -1.18 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	46.27 -0.42 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
LYONS_FALL_HYD 23570	51.78 0.71 0.00	48.02 0.38 0.00	44.31 0.27 0.00	41.52 0.25 0.00	41.08 0.21 0.00	39.22 0.08 0.00	40.36 -0.04 0.00	42.16 0.00 0.00	41.31 0.00 0.00	45.70 0.05 0.00	49.59 0.30 0.00	52.17 0.26 0.00	56.20 0.22 0.00	59.14 0.41 0.00	56.07 0.39 0.00	54.26 0.38 0.00	62.22 0.37 0.00	69.54 0.62 0.00	70.09 0.90 0.00	61.38 0.55 0.00	51.78 0.46 0.00	47.20 0.51 0.00	43.85 0.39 0.00	42.75 0.34 0.00
MADISON___COUNTY_LFGE 323628	52.09 1.02 0.00	48.55 0.91 0.00	44.83 0.79 0.00	42.05 0.78 0.00	41.65 0.78 0.00	39.85 0.70 0.00	41.17 0.77 0.00	43.00 0.84 0.00	42.10 0.78 0.00	46.56 0.91 0.00	50.33 1.04 0.00	52.95 1.04 0.00	57.10 1.12 0.00	60.02 1.29 0.00	56.90 1.22 0.00	55.06 1.19 0.00	63.21 1.36 0.00	70.57 1.65 0.00	71.06 1.87 0.00	62.30 1.46 0.00	52.50 1.18 0.00	47.76 1.07 0.00	44.42 0.96 0.00	43.30 0.89 0.00
MALONE___115KV_TB1 356076	51.73 0.66 0.00	48.41 0.76 0.00	44.61 0.57 0.00	41.72 0.45 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.40 0.00 0.00	42.08 -0.08 0.00	41.27 -0.04 0.00	45.56 -0.09 0.00	49.25 -0.05 0.00	51.86 -0.05 0.00	55.81 -0.17 0.00	58.43 -0.29 0.00	55.62 -0.06 0.00	53.82 -0.05 0.00	61.60 -0.25 0.00	68.64 -0.28 0.00	68.78 -0.42 0.00	60.23 -0.61 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	43.03 -0.43 0.00	41.86 -0.55 0.00
MAPLEWOD_115KV_TB3 80458	52.96 1.89 0.00	49.36 1.72 0.00	45.71 1.67 0.00	42.84 1.57 0.00	42.51 1.63 0.00	40.67 1.53 0.00	41.90 1.49 0.00	43.76 1.60 0.00	43.05 1.74 0.00	47.75 2.10 0.00	51.61 2.32 0.00	54.35 2.44 0.00	58.61 2.63 0.00	61.43 2.70 0.00	58.24 2.56 0.00	56.41 2.53 0.00	64.82 2.97 0.00	71.95 3.03 0.00	72.17 2.98 0.00	63.57 2.74 0.00	53.58 2.26 0.00	48.74 2.05 0.00	45.33 1.87 0.00	44.36 1.95 0.00
MAPLE_RIDGE_WT_1 323574	50.61 -0.46 0.00	47.07 -0.57 0.00	43.29 -0.75 0.00	40.32 -0.95 0.00	39.73 -1.14 0.00	37.89 -1.25 0.00	39.03 -1.37 0.00	40.73 -1.43 0.00	39.99 -1.32 0.00	44.19 -1.46 0.00	47.77 -1.53 0.00	50.30 -1.61 0.00	54.30 -1.68 0.00	56.97 -1.76 0.00	54.06 -1.62 0.00	52.31 -1.56 0.00	60.05 -1.80 0.00	66.92 -2.00 0.00	67.19 -2.01 0.00	58.95 -1.89 0.00	49.73 -1.59 0.00	45.19 -1.50 0.00	42.07 -1.39 0.00	41.05 -1.36 0.00
MAPLE_RIDGE_WT_2 323611	50.61 -0.46 0.00	47.07 -0.57 0.00	43.29 -0.75 0.00	40.32 -0.95 0.00	39.73 -1.14 0.00	37.89 -1.25 0.00	39.03 -1.37 0.00	40.73 -1.43 0.00	39.99 -1.32 0.00	44.19 -1.46 0.00	47.77 -1.53 0.00	50.30 -1.61 0.00	54.30 -1.68 0.00	56.97 -1.76 0.00	54.06 -1.62 0.00	52.31 -1.56 0.00	60.05 -1.80 0.00	66.92 -2.00 0.00	67.19 -2.01 0.00	58.95 -1.89 0.00	49.73 -1.59 0.00	45.19 -1.50 0.00	42.07 -1.39 0.00	41.05 -1.36 0.00
MARBLE_RIVER_WT_PWR 323696	51.32 0.26 0.00	47.98 0.34 0.00	44.26 0.22 0.00	41.35 0.08 0.00	40.87 0.00 0.00	39.03 -0.12 0.00	40.08 -0.32 0.00	41.66 -0.50 0.00	40.77 -0.54 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.13 -0.78 0.00	54.97 -1.01 0.00	57.61 -1.12 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.74 -1.11 0.00	67.60 -1.31 0.00	67.81 -1.38 0.00	59.50 -1.34 0.00	50.35 -0.98 0.00	45.62 -1.07 0.00	42.42 -1.04 0.00	41.27 -1.14 0.00
MARSHVLE_115KV_TB1 80742	51.32 0.26 0.00	47.98 0.33 0.00	44.30 0.26 0.00	41.47 0.21 0.00	41.20 0.33 0.00	39.38 0.23 0.00	40.64 0.24 0.00	42.54 0.38 0.00	41.56 0.25 0.00	46.02 0.37 0.00	49.79 0.49 0.00	52.53 0.62 0.00	56.59 0.62 0.00	59.55 0.82 0.00	56.52 0.84 0.00	55.06 1.19 0.00	63.33 1.48 0.00	70.50 1.59 0.00	70.93 1.73 0.00	62.24 1.40 0.00	52.30 0.98 0.00	47.30 0.61 0.00	44.11 0.65 0.00	42.96 0.55 0.00
MARSH_HILL_WT_PWR 323713	48.10 -2.96 0.00	44.74 -2.91 0.00	41.09 -2.95 0.00	38.30 -2.97 0.00	37.73 -3.15 0.00	36.17 -2.98 0.00	37.61 -2.79 0.00	39.34 -2.82 0.00	37.88 -3.43 0.00	41.72 -3.93 0.00	44.96 -4.34 0.00	47.13 -4.77 0.00	50.43 -5.54 0.00	52.97 -5.75 0.00	50.39 -5.29 0.00	48.87 -5.01 0.00	56.34 -5.50 0.00	63.34 -5.58 0.00	63.80 -5.40 0.00	56.09 -4.75 0.00	47.53 -3.80 0.00	43.14 -3.55 0.00	40.85 -2.61 0.00	40.00 -2.42 0.00
MCINTYRE_115KV_TB2 80467	52.34 1.28 0.00	48.98 1.33 0.00	45.14 1.10 0.00	42.26 0.99 0.00	41.69 0.82 0.00	39.73 0.59 0.00	40.89 0.48 0.00	42.58 0.42 0.00	41.68 0.37 0.00	45.88 0.23 0.00	49.59 0.30 0.00	52.22 0.31 0.00	56.26 0.28 0.00	59.02 0.29 0.00	56.24 0.56 0.00	54.52 0.65 0.00	62.47 0.62 0.00	69.81 0.90 0.00	70.30 1.11 0.00	61.50 0.67 0.00	52.20 0.87 0.00	47.39 0.70 0.00	44.11 0.65 0.00	43.01 0.59 0.00
MECO_____69_KV_BK1 80468	53.01 1.94 0.00	49.55 1.91 0.00	45.80 1.76 0.00	42.84 1.57 0.00	42.59 1.72 0.00	40.67 1.53 0.00	41.94 1.54 0.00	43.89 1.73 0.00	42.88 1.57 0.00	47.39 1.73 0.00	51.22 1.92 0.00	54.04 2.13 0.00	58.16 2.18 0.00	61.14 2.41 0.00	58.13 2.45 0.00	56.68 2.80 0.00	65.44 3.59 0.00	72.78 3.86 0.00	73.14 3.94 0.00	64.24 3.41 0.00	53.99 2.67 0.00	48.84 2.15 0.00	45.46 2.00 0.00	44.32 1.91 0.00
MENANDS___115KV_TB5 355628	52.75 1.69 0.00	49.17 1.52 0.00	45.58 1.54 0.00	42.67 1.40 0.00	42.34 1.47 0.00	40.51 1.37 0.00	41.73 1.33 0.00	43.59 1.43 0.00	42.92 1.61 0.00	47.57 1.92 0.00	51.42 2.12 0.00	54.14 2.23 0.00	58.38 2.41 0.00	61.19 2.47 0.00	58.02 2.34 0.00	56.14 2.26 0.00	64.51 2.66 0.00	71.60 2.69 0.00	71.82 2.63 0.00	63.33 2.49 0.00	53.38 2.05 0.00	48.60 1.91 0.00	45.16 1.69 0.00	44.19 1.78 0.00
MG INDUSTRY___DRP 24185	52.75 1.69 0.00	49.22 1.57 0.00	45.58 1.54 0.00	42.67 1.40 0.00	42.34 1.47 0.00	40.51 1.37 0.00	41.73 1.33 0.00	43.59 1.43 0.00	42.84 1.53 0.00	47.43 1.78 0.00	51.27 1.97 0.00	53.93 2.02 0.00	58.16 2.18 0.00	61.02 2.29 0.00	57.80 2.12 0.00	55.98 2.10 0.00	64.32 2.47 0.00	71.47 2.55 0.00	71.76 2.56 0.00	63.21 2.37 0.00	53.27 1.95 0.00	48.46 1.77 0.00	45.07 1.61 0.00	44.11 1.70 0.00

MID___OSWEGATCHIE_HYD 23849	51.07 0.00 0.00	47.60 -0.05 0.00	43.86 -0.18 0.00	41.06 -0.21 0.00	40.59 -0.29 0.00	38.44 -0.70 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	40.36 -0.95 0.00	44.60 -1.05 0.00	48.70 -0.59 0.00	51.23 -0.67 0.00	55.19 -0.78 0.00	58.02 -0.70 0.00	55.12 -0.56 0.00	53.12 -0.75 0.00	60.67 -1.18 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	46.27 -0.42 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
MID___RAQUETTE_HYD 23851	51.22 0.15 0.00	48.02 0.38 0.00	44.26 0.22 0.00	41.43 0.17 0.00	40.91 0.04 0.00	38.91 -0.23 0.00	40.00 -0.40 0.00	41.70 -0.46 0.00	40.90 -0.41 0.00	45.19 -0.46 0.00	49.00 -0.30 0.00	51.54 -0.36 0.00	55.53 -0.45 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.61 -0.27 0.00	61.04 -0.80 0.00	67.88 -1.03 0.00	68.02 -1.18 0.00	59.56 -1.28 0.00	50.66 -0.67 0.00	46.13 -0.56 0.00	43.11 -0.35 0.00	42.03 -0.38 0.00
MILLIKEN___1 23584	51.32 0.26 0.00	47.93 0.29 0.00	44.26 0.22 0.00	41.47 0.21 0.00	41.12 0.25 0.00	39.42 0.27 0.00	40.89 0.48 0.00	42.75 0.59 0.00	41.64 0.33 0.00	45.92 0.27 0.00	49.54 0.25 0.00	52.06 0.16 0.00	56.03 0.06 0.00	58.85 0.12 0.00	55.85 0.17 0.00	54.09 0.22 0.00	62.28 0.43 0.00	69.67 0.76 0.00	70.09 0.90 0.00	61.63 0.79 0.00	51.99 0.67 0.00	47.20 0.51 0.00	44.03 0.56 0.00	42.84 0.42 0.00
MILLIKEN___2 23585	51.32 0.26 0.00	47.93 0.29 0.00	44.26 0.22 0.00	41.47 0.21 0.00	41.12 0.25 0.00	39.42 0.27 0.00	40.89 0.48 0.00	42.75 0.59 0.00	41.64 0.33 0.00	45.92 0.27 0.00	49.54 0.25 0.00	52.06 0.16 0.00	56.03 0.06 0.00	58.85 0.12 0.00	55.85 0.17 0.00	54.09 0.22 0.00	62.28 0.43 0.00	69.67 0.76 0.00	70.09 0.90 0.00	61.63 0.79 0.00	51.99 0.67 0.00	47.20 0.51 0.00	44.03 0.56 0.00	42.84 0.42 0.00
MILLIKEN___DIESEL 23629	51.32 0.26 0.00	47.93 0.29 0.00	44.26 0.22 0.00	41.47 0.21 0.00	41.12 0.25 0.00	39.42 0.27 0.00	40.89 0.48 0.00	42.75 0.59 0.00	41.64 0.33 0.00	45.92 0.27 0.00	49.54 0.25 0.00	52.06 0.16 0.00	56.03 0.06 0.00	58.85 0.12 0.00	55.85 0.17 0.00	54.09 0.22 0.00	62.28 0.43 0.00	69.67 0.76 0.00	70.09 0.90 0.00	61.63 0.79 0.00	51.99 0.67 0.00	47.20 0.51 0.00	44.03 0.56 0.00	42.84 0.42 0.00
MILLSEAT___LFGE 323607	49.23 -1.84 0.00	46.12 -1.53 0.00	42.59 -1.45 0.00	39.91 -1.36 0.00	39.32 -1.55 0.00	37.93 -1.21 0.00	39.35 -1.05 0.00	40.73 -1.43 0.00	38.87 -2.44 0.00	42.86 -2.79 0.00	46.19 -3.10 0.00	48.48 -3.43 0.00	51.50 -4.48 0.00	54.03 -4.70 0.00	51.45 -4.23 0.00	49.84 -4.04 0.00	57.09 -4.76 0.00	64.23 -4.69 0.00	64.77 -4.43 0.00	56.94 -3.89 0.00	48.45 -2.87 0.00	44.08 -2.61 0.00	42.16 -1.30 0.00	41.56 -0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.21 2.14 0.00	49.45 1.81 0.00	45.80 1.76 0.00	43.00 1.73 0.00	42.63 1.76 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.10 1.94 0.00	43.54 2.23 0.00	48.25 2.60 0.00	52.16 2.86 0.00	54.97 3.06 0.00	59.67 3.69 0.00	62.60 3.88 0.00	59.19 3.51 0.00	57.33 3.45 0.00	65.99 4.14 0.00	73.40 4.48 0.00	73.76 4.57 0.00	64.91 4.08 0.00	54.50 3.18 0.00	49.68 2.99 0.00	45.98 2.52 0.00	44.87 2.46 0.00
MILLWOOD_13_KV_LOAD 356217	53.31 2.25 0.00	49.55 1.91 0.00	45.89 1.85 0.00	43.08 1.82 0.00	42.71 1.84 0.00	40.90 1.76 0.00	42.22 1.82 0.00	44.18 2.02 0.00	43.63 2.31 0.00	48.34 2.69 0.00	52.25 2.96 0.00	55.07 3.17 0.00	59.78 3.81 0.00	62.72 3.99 0.00	59.35 3.67 0.00	57.43 3.56 0.00	66.12 4.27 0.00	73.53 4.62 0.00	73.97 4.77 0.00	65.03 4.20 0.00	54.66 3.34 0.00	49.82 3.13 0.00	46.07 2.61 0.00	44.96 2.54 0.00
MODEL_CITY_ENERGY 24167	48.16 -2.91 0.00	45.26 -2.38 0.00	41.80 -2.24 0.00	39.16 -2.10 0.00	38.58 -2.29 0.00	37.11 -2.04 0.00	38.42 -1.98 0.00	39.51 -2.65 0.00	37.68 -3.64 0.00	41.45 -4.20 0.00	44.66 -4.64 0.00	46.82 -5.08 0.00	49.71 -6.27 0.00	52.09 -6.64 0.00	49.61 -6.07 0.00	48.06 -5.82 0.00	54.92 -6.93 0.00	61.68 -7.24 0.00	62.14 -7.06 0.00	54.69 -6.14 0.00	46.55 -4.77 0.00	42.44 -4.25 0.00	40.77 -2.69 0.00	40.55 -1.87 0.00
MODERN_LFGE___ 323580	48.16 -2.91 0.00	45.26 -2.38 0.00	41.80 -2.24 0.00	39.16 -2.10 0.00	38.58 -2.29 0.00	37.11 -2.04 0.00	38.42 -1.98 0.00	39.51 -2.65 0.00	37.68 -3.64 0.00	41.45 -4.20 0.00	44.66 -4.64 0.00	46.82 -5.08 0.00	49.71 -6.27 0.00	52.09 -6.64 0.00	49.61 -6.07 0.00	48.06 -5.82 0.00	54.92 -6.93 0.00	61.68 -7.24 0.00	62.14 -7.06 0.00	54.69 -6.14 0.00	46.55 -4.77 0.00	42.44 -4.25 0.00	40.77 -2.69 0.00	40.55 -1.87 0.00
MOHAWK_PAPER___DRP 24187	52.96 1.89 0.00	49.36 1.72 0.00	45.71 1.67 0.00	42.84 1.57 0.00	42.51 1.63 0.00	40.67 1.53 0.00	41.90 1.49 0.00	43.76 1.60 0.00	43.05 1.74 0.00	47.75 2.10 0.00	51.61 2.32 0.00	54.35 2.44 0.00	58.61 2.63 0.00	61.43 2.70 0.00	58.24 2.56 0.00	56.41 2.53 0.00	64.82 2.97 0.00	71.95 3.03 0.00	72.17 2.98 0.00	63.57 2.74 0.00	53.58 2.26 0.00	48.74 2.05 0.00	45.33 1.87 0.00	44.36 1.95 0.00
MOHICAN___35_KV_115KV_LD 80490	54.69 3.63 0.00	51.07 3.43 0.00	47.12 3.08 0.00	44.07 2.81 0.00	43.73 2.86 0.00	41.96 2.82 0.00	43.23 2.83 0.00	45.28 3.12 0.00	44.58 3.26 0.00	49.67 4.02 0.00	53.88 4.58 0.00	56.63 4.72 0.00	60.90 4.93 0.00	63.90 5.17 0.00	60.47 4.79 0.00	58.62 4.74 0.00	67.48 5.63 0.00	74.57 5.65 0.00	74.87 5.67 0.00	65.76 4.93 0.00	55.22 3.90 0.00	50.24 3.55 0.00	46.68 3.22 0.00	45.68 3.27 0.00
MONGAUP___HYD 23641	53.16 2.09 0.00	49.41 1.76 0.00	45.80 1.76 0.00	42.92 1.65 0.00	42.59 1.72 0.00	40.79 1.64 0.00	42.14 1.74 0.00	43.97 1.81 0.00	43.25 1.94 0.00	47.84 2.19 0.00	51.52 2.22 0.00	54.25 2.34 0.00	58.83 2.85 0.00	61.78 3.05 0.00	58.57 2.89 0.00	56.79 2.91 0.00	65.68 3.84 0.00	73.26 4.34 0.00	73.76 4.57 0.00	64.85 4.01 0.00	54.45 3.13 0.00	49.59 2.90 0.00	45.85 2.39 0.00	44.62 2.20 0.00
MONTAUK___DIESEL 23721	56.85 5.77 -0.01	52.66 5.00 -0.01	48.76 4.71 -0.01	45.61 4.33 -0.01	45.01 4.13 -0.01	42.94 3.80 0.00	43.55 3.15 0.00	45.42 3.25 -0.01	44.67 3.35 -0.01	49.45 3.79 -0.01	72.88 4.49 -19.10	77.49 4.83 -20.75	82.39 5.54 -20.88	84.63 5.76 -20.15	84.38 4.90 -23.80	88.40 5.23 -29.29	97.36 6.00 -29.51	98.95 6.48 -23.56	89.02 6.50 -13.32	86.21 5.72 -19.66	77.39 4.21 -21.86	60.44 3.78 -9.97	54.05 3.17 -7.42	46.07 3.65 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.54 -3.52 0.00	44.17 -3.48 0.00	40.52 -3.52 0.00	37.88 -3.38 0.00	37.32 -3.56 0.00	35.46 -3.68 0.00	36.64 -3.76 0.00	38.20 -3.96 0.00	36.60 -4.71 0.00	40.26 -5.39 0.00	43.48 -5.82 0.00	45.58 -6.33 0.00	48.59 -7.39 0.00	50.74 -7.99 0.00	48.33 -7.35 0.00	46.93 -6.95 0.00	53.87 -7.98 0.00	62.71 -6.20 0.00	63.45 -5.74 0.00	53.90 -6.94 0.00	45.88 -5.44 0.00	41.69 -5.00 0.00	40.03 -3.43 0.00	39.23 -3.18 0.00

MORRIS RIDGE___SOLAR 323848	48.46 -2.60 0.00	45.22 -2.43 0.00	41.62 -2.42 0.00	38.92 -2.35 0.00	38.34 -2.53 0.00	36.75 -2.39 0.00	38.14 -2.26 0.00	39.76 -2.40 0.00	38.26 -3.06 0.00	42.09 -3.56 0.00	45.35 -3.95 0.00	47.50 -4.41 0.00	50.71 -5.26 0.00	53.27 -5.46 0.00	50.61 -5.07 0.00	49.14 -4.74 0.00	56.59 -5.26 0.00	63.47 -5.45 0.00	64.00 -5.19 0.00	56.27 -4.56 0.00	47.73 -3.59 0.00	43.38 -3.31 0.00	41.20 -2.26 0.00	40.46 -1.95 0.00
MORTIMER_115KV_TB3 55949	49.48 -1.58 0.00	46.21 -1.43 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.12 -1.02 0.00	39.59 -0.81 0.00	41.36 -0.80 0.00	39.87 -1.45 0.00	44.10 -1.55 0.00	47.57 -1.73 0.00	50.04 -1.87 0.00	53.46 -2.52 0.00	56.14 -2.58 0.00	53.40 -2.28 0.00	51.62 -2.26 0.00	59.07 -2.78 0.00	66.23 -2.69 0.00	66.57 -2.63 0.00	58.52 -2.31 0.00	49.68 -1.64 0.00	45.15 -1.54 0.00	42.72 -0.74 0.00	41.48 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.87 2.00 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.87 2.56 0.00	48.66 3.01 0.00	52.60 3.30 0.00	55.44 3.53 0.00	60.18 4.20 0.00	63.13 4.40 0.00	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	74.02 5.10 0.00	74.38 5.19 0.00	65.46 4.62 0.00	54.97 3.64 0.00	50.10 3.41 0.00	46.37 2.91 0.00	45.30 2.88 0.00
MUNSVILLE_WIND_PWR 323609	53.52 2.45 0.00	49.79 2.15 0.00	45.76 1.72 0.00	42.75 1.48 0.00	42.10 1.23 0.00	40.24 1.09 0.00	41.61 1.21 0.00	43.51 1.35 0.00	42.51 1.20 0.00	47.34 1.69 0.00	51.17 1.87 0.00	53.88 1.97 0.00	57.94 1.96 0.00	61.31 2.58 0.00	58.30 2.62 0.00	56.62 2.75 0.00	65.19 3.34 0.00	73.33 4.41 0.00	74.11 4.91 0.00	64.61 3.77 0.00	54.40 3.08 0.00	48.93 2.24 0.00	45.42 1.96 0.00	44.24 1.82 0.00
N SALMON___HYD 24042	51.73 0.66 0.00	48.40 0.76 0.00	44.61 0.57 0.00	41.72 0.45 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.40 0.00 0.00	42.08 -0.08 0.00	41.27 -0.04 0.00	45.56 -0.09 0.00	49.25 -0.05 0.00	51.86 -0.05 0.00	55.64 -0.33 0.00	58.44 -0.29 0.00	55.62 -0.06 0.00	53.82 -0.05 0.00	61.60 -0.25 0.00	68.64 -0.27 0.00	68.78 -0.41 0.00	60.23 -0.61 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	43.03 -0.43 0.00	41.86 -0.55 0.00
N.AKRON__115KV_KNAPP 355671	49.18 -1.89 0.00	46.07 -1.57 0.00	42.54 -1.50 0.00	39.86 -1.40 0.00	39.44 -1.43 0.00	37.85 -1.29 0.00	39.27 -1.13 0.00	40.64 -1.52 0.00	38.79 -2.52 0.00	42.77 -2.88 0.00	46.09 -3.20 0.00	48.33 -3.58 0.00	51.33 -4.65 0.00	53.85 -4.87 0.00	51.28 -4.40 0.00	49.73 -4.15 0.00	56.90 -4.95 0.00	64.02 -4.89 0.00	64.56 -4.64 0.00	56.76 -4.08 0.00	48.29 -3.03 0.00	43.93 -2.75 0.00	42.07 -1.39 0.00	41.23 -1.19 0.00
N.E_GEN_SANDY PD 24062	53.31 2.24 0.00	49.60 1.95 0.00	52.00 1.89 -6.07	52.75 1.81 -9.67	55.00 1.88 -12.25	58.16 1.76 -17.25	73.35 1.78 -31.17	74.50 1.94 -30.40	75.13 2.11 -31.71	63.24 2.46 -15.13	58.00 2.61 -6.09	57.72 2.80 -3.01	59.22 3.25 0.00	62.07 3.35 0.00	64.00 3.06 -5.26	65.00 2.96 -8.16	79.72 3.52 -14.35	95.14 3.79 -22.44	85.00 3.87 -11.93	78.00 3.47 -13.70	73.19 2.77 -19.10	63.00 2.57 -13.74	55.00 2.26 -9.28	51.23 2.25 -6.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.06 1.99 0.00	49.31 1.67 0.00	45.71 1.67 0.00	42.88 1.61 0.00	42.51 1.63 0.00	40.75 1.60 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.16 2.51 0.00	52.01 2.71 0.00	54.81 2.91 0.00	59.50 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.55 4.36 0.00	64.73 3.89 0.00	54.40 3.08 0.00	49.58 2.89 0.00	45.89 2.43 0.00	44.75 2.33 0.00
N.QUEENS_27_KV_LOAD 356247	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.26 2.11 0.00	42.42 2.02 0.00	44.35 2.19 0.00	43.92 2.60 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.64 4.81 0.00	55.02 3.70 0.00	50.24 3.55 0.00	46.72 3.26 0.00	45.98 3.56 0.00
N.TROY___115KV_TB1 355778	53.26 2.20 0.00	49.64 2.00 0.00	45.93 1.89 0.00	43.00 1.73 0.00	42.67 1.80 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.02 1.86 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.00 3.02 0.00	61.84 3.11 0.00	58.58 2.90 0.00	56.73 2.86 0.00	65.19 3.34 0.00	72.43 3.51 0.00	72.72 3.53 0.00	64.00 3.16 0.00	53.84 2.51 0.00	49.02 2.33 0.00	45.55 2.09 0.00	44.58 2.16 0.00
NARROWS_GT1_1 24228	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT1_2 24229	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT1_3 24230	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT1_4 24231	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT1_5 24232	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01

NARROWS_GT1_6 24233	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT1_7 24234	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT1_8 24235	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_1 24236	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_2 24237	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_3 24238	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_4 24239	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_5 24240	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_6 24241	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_7 24242	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NARROWS_GT2_8 24243	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.57 2.50 0.00	49.93 2.29 0.00	46.33 2.29 0.00	43.33 2.06 0.00	43.04 2.17 0.00	41.10 1.96 0.00	42.34 1.94 0.00	44.18 2.02 0.00	43.38 2.07 0.00	48.07 2.42 0.00	51.76 2.46 0.00	54.35 2.44 0.00	58.66 2.69 0.00	61.61 2.88 0.00	58.52 2.84 0.00	56.84 2.96 0.00	65.68 3.83 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.25 2.93 0.00	49.35 2.66 0.00	45.81 2.35 0.00	44.70 2.29 0.00
NCHELSEA_115KV_TR2 355582	53.62 2.55 0.00	49.79 2.14 0.00	46.15 2.11 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.42 2.02 0.00	44.35 2.19 0.00	43.75 2.44 0.00	48.57 2.92 0.00	52.45 3.15 0.00	55.23 3.32 0.00	59.95 3.97 0.00	62.96 4.23 0.00	59.58 3.90 0.00	57.70 3.83 0.00	66.49 4.64 0.00	73.88 4.96 0.00	74.25 5.05 0.00	65.34 4.50 0.00	54.81 3.49 0.00	49.96 3.27 0.00	46.20 2.74 0.00	45.04 2.63 0.00
NEG CAPITAL___MECHNVIL 23645	53.98 2.91 0.00	50.36 2.71 0.00	46.55 2.51 0.00	43.58 2.31 0.00	43.28 2.41 0.00	41.41 2.27 0.00	42.66 2.26 0.00	44.61 2.44 0.00	43.92 2.60 0.00	48.80 3.15 0.00	52.89 3.60 0.00	55.65 3.74 0.00	59.95 3.97 0.00	62.90 4.17 0.00	59.58 3.90 0.00	57.70 3.83 0.00	66.30 4.46 0.00	73.53 4.62 0.00	73.83 4.64 0.00	64.91 4.08 0.00	54.56 3.24 0.00	49.63 2.94 0.00	46.11 2.65 0.00	45.09 2.67 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.77 -2.30 0.00	45.55 -2.10 0.00	42.06 -1.98 0.00	39.45 -1.81 0.00	38.99 -1.88 0.00	37.58 -1.57 0.00	39.07 -1.33 0.00	40.81 -1.35 0.00	39.45 -1.86 0.00	43.69 -1.96 0.00	47.18 -2.12 0.00	49.63 -2.28 0.00	53.06 -2.91 0.00	55.73 -2.99 0.00	52.95 -2.73 0.00	51.19 -2.69 0.00	58.63 -3.22 0.00	65.68 -3.24 0.00	65.94 -3.25 0.00	57.98 -2.86 0.00	49.12 -2.21 0.00	44.64 -2.05 0.00	42.07 -1.39 0.00	41.01 -1.40 0.00

NEG CENTRAL___DRP 24199	50.25 -0.82 0.00	46.93 -0.71 0.00	43.34 -0.70 0.00	40.65 -0.62 0.00	40.30 -0.57 0.00	38.71 -0.43 0.00	40.16 -0.24 0.00	41.95 -0.21 0.00	40.78 -0.54 0.00	45.01 -0.64 0.00	48.61 -0.69 0.00	51.13 -0.78 0.00	54.91 -1.06 0.00	57.61 -1.12 0.00	54.73 -0.95 0.00	52.91 -0.97 0.00	60.74 -1.11 0.00	68.02 -0.90 0.00	68.30 -0.90 0.00	60.04 -0.79 0.00	50.76 -0.56 0.00	46.08 -0.61 0.00	43.16 -0.30 0.00	41.99 -0.42 0.00
NEG CENTRAL___INDECK 23768	50.51 -0.56 0.00	47.07 -0.57 0.00	43.42 -0.62 0.00	40.65 -0.62 0.00	40.09 -0.78 0.00	38.71 -0.43 0.00	40.36 -0.04 0.00	42.20 0.04 0.00	40.40 -0.91 0.00	44.46 -1.19 0.00	47.77 -1.53 0.00	50.04 -1.87 0.00	53.40 -2.57 0.00	56.15 -2.58 0.00	53.45 -2.23 0.00	51.89 -1.99 0.00	59.87 -1.98 0.00	67.68 -1.24 0.00	68.37 -0.83 0.00	60.04 -0.79 0.00	51.02 -0.31 0.00	46.22 -0.47 0.00	43.72 0.26 0.00	42.58 0.17 0.00
NEG CENTRAL___SENECA 23627	50.05 -1.02 0.00	46.74 -0.91 0.00	43.20 -0.84 0.00	40.48 -0.78 0.00	40.14 -0.74 0.00	38.56 -0.59 0.00	40.08 -0.32 0.00	41.87 -0.30 0.00	40.61 -0.70 0.00	44.87 -0.78 0.00	48.46 -0.84 0.00	51.03 -0.88 0.00	54.63 -1.34 0.00	57.38 -1.35 0.00	54.51 -1.17 0.00	52.69 -1.19 0.00	60.49 -1.36 0.00	67.68 -1.24 0.00	68.02 -1.18 0.00	59.74 -1.10 0.00	50.55 -0.77 0.00	45.94 -0.75 0.00	43.11 -0.35 0.00	41.90 -0.51 0.00
NEG CENTRAL___STATE_STREET 24147	50.61 -0.46 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.94 -0.33 0.00	40.59 -0.29 0.00	38.95 -0.20 0.00	40.40 0.00 0.00	42.20 0.04 0.00	41.11 -0.21 0.00	45.38 -0.27 0.00	48.95 -0.35 0.00	51.49 -0.42 0.00	55.36 -0.62 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.39 -0.48 0.00	61.42 -0.43 0.00	68.71 -0.21 0.00	69.06 -0.14 0.00	60.71 -0.12 0.00	51.22 -0.10 0.00	46.50 -0.19 0.00	43.42 -0.04 0.00	42.24 -0.17 0.00
NEG MILLWOOD___DRP 24198	53.77 2.71 0.00	49.93 2.29 0.00	46.29 2.25 0.00	43.41 2.15 0.00	43.08 2.21 0.00	41.22 2.07 0.00	42.54 2.14 0.00	44.44 2.28 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.70 3.40 0.00	55.49 3.58 0.00	60.29 4.31 0.00	63.25 4.52 0.00	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.07 3.75 0.00	50.14 3.46 0.00	46.29 2.82 0.00	45.13 2.71 0.00
NEG NORTH_FLCN_SEA 23793	51.83 0.77 0.00	48.41 0.76 0.00	44.66 0.62 0.00	41.76 0.50 0.00	41.24 0.37 0.00	39.38 0.23 0.00	40.44 0.04 0.00	42.03 -0.13 0.00	41.15 -0.17 0.00	45.33 -0.32 0.00	49.00 -0.30 0.00	51.60 -0.31 0.00	55.53 -0.45 0.00	58.14 -0.59 0.00	55.29 -0.39 0.00	53.50 -0.38 0.00	61.35 -0.49 0.00	68.36 -0.55 0.00	68.57 -0.62 0.00	60.11 -0.73 0.00	50.91 -0.41 0.00	46.08 -0.61 0.00	42.81 -0.65 0.00	41.69 -0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	51.42 0.36 0.00	48.02 0.38 0.00	44.30 0.26 0.00	41.43 0.17 0.00	40.91 0.04 0.00	39.06 -0.08 0.00	40.12 -0.28 0.00	41.70 -0.46 0.00	40.82 -0.50 0.00	44.92 -0.73 0.00	48.56 -0.74 0.00	51.08 -0.83 0.00	55.03 -0.95 0.00	57.55 -1.17 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.74 -1.11 0.00	67.74 -1.17 0.00	67.95 -1.25 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	45.66 -1.03 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
NEG NORTH___ALICE_FALLS 23915	51.88 0.82 0.00	48.50 0.86 0.00	44.74 0.70 0.00	41.80 0.54 0.00	41.28 0.41 0.00	39.46 0.31 0.00	40.52 0.12 0.00	42.12 -0.04 0.00	41.23 -0.08 0.00	45.47 -0.18 0.00	49.15 -0.15 0.00	51.75 -0.16 0.00	55.70 -0.28 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.72 -0.16 0.00	61.60 -0.25 0.00	68.71 -0.21 0.00	68.92 -0.28 0.00	60.35 -0.49 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	42.94 -0.52 0.00	41.78 -0.64 0.00
NEG NORTH___LWR_SARANAC 23913	51.88 0.82 0.00	48.50 0.86 0.00	44.74 0.70 0.00	41.80 0.54 0.00	41.28 0.41 0.00	39.46 0.31 0.00	40.52 0.12 0.00	42.12 -0.04 0.00	41.23 -0.08 0.00	45.47 -0.18 0.00	49.15 -0.15 0.00	51.75 -0.16 0.00	55.70 -0.28 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.72 -0.16 0.00	61.60 -0.25 0.00	68.71 -0.21 0.00	68.92 -0.28 0.00	60.35 -0.49 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	42.94 -0.52 0.00	41.78 -0.64 0.00
NEG NORTH___PLATTSBURG 23628	51.88 0.81 0.00	48.50 0.86 0.00	44.74 0.70 0.00	41.80 0.54 0.00	41.28 0.41 0.00	39.45 0.31 0.00	40.52 0.12 0.00	42.12 -0.04 0.00	41.23 -0.08 0.00	45.47 -0.18 0.00	49.15 -0.15 0.00	51.75 -0.16 0.00	55.59 -0.39 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.72 -0.16 0.00	61.60 -0.25 0.00	68.71 -0.21 0.00	68.92 -0.28 0.00	60.35 -0.49 0.00	51.17 -0.15 0.00	46.27 -0.42 0.00	42.94 -0.52 0.00	41.78 -0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	48.41 -2.66 0.00	45.40 -2.24 0.00	41.93 -2.11 0.00	39.29 -1.98 0.00	38.87 -2.00 0.00	37.19 -1.96 0.00	38.54 -1.86 0.00	39.84 -2.32 0.00	38.01 -3.31 0.00	41.82 -3.83 0.00	45.06 -4.24 0.00	47.29 -4.62 0.00	50.21 -5.77 0.00	52.62 -6.11 0.00	50.06 -5.62 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.23 -6.68 0.00	62.76 -6.44 0.00	55.30 -5.54 0.00	47.01 -4.31 0.00	42.86 -3.83 0.00	41.16 -2.30 0.00	40.46 -1.95 0.00
NEG WEST___LANCASTR 23811	48.77 -2.30 0.00	45.60 -2.05 0.00	42.06 -1.98 0.00	39.37 -1.90 0.00	38.91 -1.96 0.00	37.15 -2.00 0.00	38.54 -1.86 0.00	40.05 -2.11 0.00	38.42 -2.89 0.00	42.27 -3.38 0.00	45.60 -3.70 0.00	47.81 -4.10 0.00	50.94 -5.04 0.00	53.38 -5.34 0.00	50.78 -4.90 0.00	49.19 -4.69 0.00	56.41 -5.44 0.00	63.40 -5.51 0.00	63.94 -5.26 0.00	56.27 -4.56 0.00	47.78 -3.54 0.00	43.47 -3.22 0.00	41.55 -1.91 0.00	40.72 -1.70 0.00
NEG_PENN_ALLEGHNY 23528	50.66 -0.41 0.00	47.26 -0.38 0.00	43.69 -0.35 0.00	40.94 -0.33 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.28 -0.12 0.00	42.08 -0.08 0.00	41.03 -0.29 0.00	45.33 -0.32 0.00	48.95 -0.34 0.00	51.44 -0.47 0.00	55.36 -0.61 0.00	58.08 -0.64 0.00	55.12 -0.56 0.00	53.34 -0.54 0.00	61.29 -0.56 0.00	68.51 -0.41 0.00	68.78 -0.41 0.00	60.53 -0.30 0.00	51.12 -0.20 0.00	46.46 -0.23 0.00	43.42 -0.04 0.00	42.37 -0.04 0.00
NEG___GEN_MONROE 24207	49.69 -1.38 0.00	46.41 -1.24 0.00	42.85 -1.19 0.00	40.19 -1.07 0.00	39.77 -1.10 0.00	38.28 -0.86 0.00	39.75 -0.65 0.00	41.40 -0.76 0.00	39.83 -1.49 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.83 -2.08 0.00	53.18 -2.80 0.00	55.79 -2.94 0.00	53.01 -2.67 0.00	51.24 -2.64 0.00	58.76 -3.09 0.00	65.82 -3.10 0.00	66.15 -3.04 0.00	58.22 -2.62 0.00	49.47 -1.85 0.00	44.96 -1.73 0.00	42.68 -0.78 0.00	41.65 -0.76 0.00
NEPA___ENERGY 23901	48.41 -2.66 0.00	45.21 -2.43 0.00	41.71 -2.33 0.00	39.08 -2.19 0.00	38.62 -2.25 0.00	36.91 -2.23 0.00	38.30 -2.10 0.00	39.93 -2.23 0.00	38.25 -3.06 0.00	42.09 -3.56 0.00	45.40 -3.89 0.00	47.60 -4.31 0.00	50.77 -5.21 0.00	53.15 -5.58 0.00	50.61 -5.07 0.00	49.03 -4.85 0.00	56.28 -5.57 0.00	63.40 -5.51 0.00	63.94 -5.26 0.00	56.09 -4.75 0.00	47.68 -3.64 0.00	43.37 -3.31 0.00	41.42 -2.04 0.00	40.46 -1.95 0.00

NEVERSINK___HYD 23608	53.52 2.45 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.21 1.94 0.00	42.87 2.00 0.00	41.02 1.88 0.00	42.34 1.94 0.00	44.27 2.11 0.00	43.62 2.31 0.00	48.44 2.79 0.00	52.20 2.91 0.00	54.92 3.01 0.00	59.61 3.64 0.00	62.60 3.88 0.00	59.30 3.62 0.00	57.43 3.56 0.00	66.30 4.46 0.00	73.81 4.89 0.00	74.24 5.05 0.00	65.22 4.38 0.00	54.76 3.44 0.00	49.87 3.18 0.00	46.11 2.65 0.00	44.87 2.46 0.00
NEWKRMKL_115KV_TB1 55635	52.60 1.53 0.00	49.07 1.43 0.00	45.49 1.45 0.00	42.63 1.36 0.00	42.30 1.43 0.00	40.43 1.29 0.00	41.65 1.25 0.00	43.55 1.39 0.00	42.84 1.53 0.00	47.52 1.87 0.00	51.37 2.07 0.00	54.09 2.18 0.00	58.27 2.30 0.00	61.08 2.35 0.00	57.91 2.23 0.00	56.03 2.16 0.00	64.38 2.54 0.00	71.40 2.48 0.00	71.62 2.42 0.00	63.15 2.31 0.00	53.27 1.95 0.00	48.51 1.82 0.00	45.07 1.61 0.00	44.11 1.70 0.00
NEWTON___FALLS_HYD 23847	51.07 0.00 0.00	47.60 -0.05 0.00	43.86 -0.18 0.00	41.06 -0.21 0.00	40.59 -0.29 0.00	38.44 -0.70 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	40.36 -0.95 0.00	44.60 -1.05 0.00	48.70 -0.59 0.00	51.23 -0.67 0.00	55.19 -0.78 0.00	58.02 -0.70 0.00	55.12 -0.56 0.00	53.12 -0.75 0.00	60.67 -1.18 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	46.27 -0.42 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
NGRID_A1_DSASP 323792	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
NGRID_A2_DSASP 323793	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
NGRID_A4_DSASP 323807	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
NIAGARA_115E_LBMP 323715	48.00 -3.06 0.00	45.16 -2.48 0.00	41.70 -2.34 0.00	39.12 -2.15 0.00	38.50 -2.37 0.00	37.03 -2.11 0.00	38.30 -2.10 0.00	39.34 -2.82 0.00	37.47 -3.84 0.00	41.22 -4.43 0.00	44.41 -4.88 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.80 -6.93 0.00	49.33 -6.35 0.00	47.79 -6.09 0.00	54.55 -7.30 0.00	61.26 -7.65 0.00	61.72 -7.47 0.00	54.39 -6.45 0.00	46.24 -5.08 0.00	42.21 -4.48 0.00	40.55 -2.91 0.00	40.42 -1.99 0.00
NIAGARA_115W_LBMP 323714	47.18 -3.88 0.00	44.17 -3.48 0.00	40.78 -3.26 0.00	38.26 -3.01 0.00	37.68 -3.19 0.00	36.25 -2.90 0.00	37.61 -2.79 0.00	39.12 -3.04 0.00	37.37 -3.93 0.02	41.09 -4.56 0.00	44.32 -4.98 0.00	46.46 -5.45 0.00	49.31 -6.66 0.00	51.62 -7.11 0.00	49.17 -6.51 0.00	47.63 -6.25 0.00	54.36 -7.49 0.00	60.99 -7.92 0.00	61.38 -7.82 0.00	54.08 -6.75 0.00	46.04 -5.29 0.00	42.02 -4.67 0.00	40.42 -3.04 0.00	39.74 -2.67 0.00
NIAGARA_230_LBMP 323716	47.90 -3.17 0.00	44.88 -2.76 0.00	41.44 -2.60 0.00	38.87 -2.39 0.00	38.30 -2.57 0.00	36.87 -2.27 0.00	38.26 -2.14 0.00	39.76 -2.40 0.00	37.97 -3.34 0.00	41.77 -3.88 0.00	45.01 -4.29 0.00	47.18 -4.72 0.00	50.15 -5.82 0.00	52.50 -6.23 0.00	50.00 -5.68 0.00	48.44 -5.44 0.00	55.29 -6.56 0.00	62.09 -6.82 0.00	62.48 -6.71 0.00	55.06 -5.78 0.00	46.86 -4.47 0.00	42.72 -3.97 0.00	41.03 -2.43 0.00	40.38 -2.04 0.00
NIAGARA___115KV_198_GIBSON 55903	47.19 -3.88 0.00	44.17 -3.48 0.00	40.78 -3.26 0.00	38.25 -3.01 0.00	37.85 -3.02 0.00	36.25 -2.90 0.00	37.61 -2.79 0.00	39.13 -3.04 0.00	37.37 -3.92 0.02	41.09 -4.57 0.00	44.27 -5.03 0.00	46.46 -5.45 0.00	49.32 -6.66 0.00	51.62 -7.11 0.00	49.17 -6.51 0.00	47.63 -6.25 0.00	54.36 -7.48 0.00	60.92 -7.99 0.00	61.38 -7.82 0.00	54.08 -6.75 0.00	46.04 -5.29 0.00	42.02 -4.67 0.00	40.42 -3.04 0.00	39.49 -2.93 0.00
NIAGARA____ 23760	47.90 -3.17 0.00	44.88 -2.76 0.00	41.44 -2.60 0.00	38.87 -2.39 0.00	38.30 -2.57 0.00	36.87 -2.27 0.00	38.26 -2.14 0.00	39.76 -2.40 0.00	37.96 -3.34 0.01	41.77 -3.88 0.00	45.01 -4.29 0.00	47.18 -4.72 0.00	50.15 -5.82 0.00	52.50 -6.23 0.00	50.00 -5.68 0.00	48.44 -5.44 0.00	55.29 -6.56 0.00	62.09 -6.82 0.00	62.48 -6.71 0.00	55.06 -5.78 0.00	46.86 -4.47 0.00	42.72 -3.97 0.00	41.03 -2.43 0.00	40.38 -2.04 0.00
NINE_MILE_1 23575	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.60 -1.27 0.00	38.01 -1.14 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.47 -1.82 0.00	49.99 -1.92 0.00	53.79 -2.18 0.00	56.44 -2.29 0.00	53.56 -2.12 0.00	51.83 -2.05 0.00	59.44 -2.41 0.00	66.37 -2.55 0.00	66.57 -2.63 0.00	58.59 -2.25 0.00	49.48 -1.85 0.00	45.01 -1.68 0.00	42.03 -1.43 0.00	40.97 -1.44 0.00
NINE_MILE_2 23744	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.01 -1.14 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.47 -1.82 0.00	49.99 -1.92 0.00	53.79 -2.18 0.00	56.44 -2.29 0.00	53.56 -2.12 0.00	51.83 -2.05 0.00	59.44 -2.41 0.00	66.37 -2.55 0.00	66.57 -2.63 0.00	58.59 -2.25 0.00	49.48 -1.85 0.00	45.01 -1.68 0.00	42.03 -1.43 0.00	40.97 -1.44 0.00
NM_CAPITAL___DRP 24208	52.65 1.58 0.00	49.12 1.48 0.00	45.49 1.45 0.00	42.63 1.36 0.00	42.30 1.43 0.00	40.47 1.33 0.00	41.69 1.29 0.00	43.55 1.39 0.00	42.84 1.53 0.00	47.52 1.87 0.00	51.37 2.07 0.00	54.04 2.13 0.00	58.27 2.30 0.00	61.08 2.35 0.00	57.91 2.23 0.00	56.03 2.16 0.00	64.38 2.54 0.00	71.47 2.55 0.00	71.69 2.49 0.00	63.21 2.37 0.00	53.27 1.95 0.00	48.51 1.82 0.00	45.07 1.61 0.00	44.15 1.74 0.00
NM_CENTRAL___DRP 24181	50.20 -0.87 0.00	46.93 -0.71 0.00	43.38 -0.66 0.00	40.65 -0.62 0.00	40.30 -0.57 0.00	38.63 -0.51 0.00	40.04 -0.36 0.00	41.78 -0.38 0.00	40.73 -0.58 0.00	44.97 -0.68 0.00	48.51 -0.79 0.00	51.08 -0.83 0.00	54.97 -1.01 0.00	57.67 -1.06 0.00	54.73 -0.95 0.00	52.91 -0.97 0.00	60.74 -1.11 0.00	67.81 -1.10 0.00	68.09 -1.11 0.00	59.86 -0.97 0.00	50.55 -0.77 0.00	45.94 -0.75 0.00	42.90 -0.56 0.00	41.78 -0.64 0.00

NM_FRONTIER___DRP 24179	47.19 -3.88 0.00	44.17 -3.48 0.00	40.78 -3.26 0.00	38.25 -3.01 0.00	37.85 -3.02 0.00	36.25 -2.90 0.00	37.61 -2.79 0.00	39.13 -3.04 0.00	37.37 -3.92 0.02	41.09 -4.57 0.00	44.27 -5.03 0.00	46.46 -5.45 0.00	49.32 -6.66 0.00	51.62 -7.11 0.00	49.17 -6.51 0.00	47.63 -6.25 0.00	54.36 -7.48 0.00	60.92 -7.99 0.00	61.38 -7.82 0.00	54.08 -6.75 0.00	46.04 -5.29 0.00	42.02 -4.67 0.00	40.42 -3.04 0.00	39.49 -2.93 0.00
NM_ST_REGIS___HYD 24053	51.37 0.31 0.00	48.12 0.48 0.00	44.39 0.35 0.00	41.51 0.25 0.00	40.99 0.12 0.00	39.03 -0.12 0.00	40.12 -0.28 0.00	41.78 -0.38 0.00	40.98 -0.33 0.00	45.29 -0.37 0.00	49.05 -0.25 0.00	51.65 -0.26 0.00	55.59 -0.39 0.00	58.32 -0.41 0.00	55.51 -0.17 0.00	53.66 -0.22 0.00	61.23 -0.62 0.00	68.09 -0.83 0.00	68.23 -0.97 0.00	59.68 -1.16 0.00	50.81 -0.51 0.00	46.18 -0.51 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
NORTHPORT___1 23551	54.55 3.47 -0.01	50.70 3.05 -0.01	46.95 2.91 -0.01	44.08 2.81 -0.01	43.82 2.94 -0.01	41.96 2.82 0.00	43.15 2.75 0.00	45.25 3.08 -0.01	44.63 3.31 -0.01	49.36 3.70 -0.01	71.88 3.70 -18.89	76.59 4.15 -20.52	81.55 4.93 -20.64	83.76 5.11 -19.92	83.83 4.62 -23.54	87.64 4.79 -28.97	96.78 5.75 -29.18	98.34 6.13 -23.29	88.81 6.44 -13.18	85.93 5.66 -19.44	77.30 4.36 -21.62	60.66 4.11 -9.86	54.36 3.56 -7.34	45.86 3.43 -0.01
NORTHPORT___2 23552	54.55 3.47 -0.01	50.70 3.05 -0.01	46.95 2.91 -0.01	44.08 2.81 -0.01	43.82 2.94 -0.01	41.96 2.82 0.00	43.15 2.75 0.00	45.25 3.08 -0.01	44.63 3.31 -0.01	49.36 3.70 -0.01	71.88 3.70 -18.89	76.59 4.15 -20.52	81.55 4.93 -20.64	83.76 5.11 -19.92	83.83 4.62 -23.54	87.64 4.79 -28.97	96.78 5.75 -29.18	98.34 6.13 -23.29	88.81 6.44 -13.18	85.93 5.66 -19.44	77.30 4.36 -21.62	60.66 4.11 -9.86	54.36 3.56 -7.34	45.86 3.43 -0.01
NORTHPORT___3 23553	54.39 3.32 -0.01	50.51 2.86 -0.01	46.82 2.78 -0.01	43.96 2.68 -0.01	43.66 2.78 -0.01	41.81 2.66 0.00	42.99 2.59 0.00	45.12 2.95 -0.01	44.50 3.18 -0.01	49.18 3.52 -0.01	71.83 3.55 -18.99	76.53 4.00 -20.63	81.48 4.76 -20.75	83.69 4.93 -20.03	83.84 4.51 -23.66	87.63 4.63 -29.12	96.75 5.57 -29.33	98.26 5.93 -23.41	88.67 6.23 -13.24	85.85 5.48 -19.54	77.26 4.21 -21.73	60.57 3.97 -9.91	54.27 3.43 -7.37	45.73 3.31 -0.01
NORTHPORT___4 23650	54.39 3.32 -0.01	50.51 2.86 -0.01	46.82 2.78 -0.01	43.96 2.68 -0.01	43.66 2.78 -0.01	41.81 2.66 0.00	42.99 2.59 0.00	45.12 2.95 -0.01	44.50 3.18 -0.01	49.18 3.52 -0.01	71.83 3.55 -18.99	76.53 4.00 -20.63	81.48 4.76 -20.75	83.69 4.93 -20.03	83.84 4.51 -23.66	87.63 4.63 -29.12	96.75 5.57 -29.33	98.26 5.93 -23.41	88.67 6.23 -13.24	85.85 5.48 -19.54	77.26 4.21 -21.73	60.57 3.97 -9.91	54.27 3.43 -7.37	45.73 3.31 -0.01
NORTHPORT___IC 23718	54.55 3.47 -0.01	50.70 3.05 -0.01	46.96 2.91 -0.01	44.08 2.81 -0.01	43.74 2.86 -0.01	41.96 2.82 0.00	43.15 2.75 0.00	45.25 3.08 -0.01	44.63 3.31 -0.01	49.36 3.70 -0.01	72.08 3.89 -18.89	76.58 4.15 -20.52	81.49 4.87 -20.64	83.76 5.11 -19.92	83.84 4.62 -23.54	87.64 4.80 -28.97	96.78 5.75 -29.18	98.34 6.13 -23.29	88.81 6.44 -13.18	85.93 5.66 -19.44	77.30 4.36 -21.62	60.66 4.11 -9.86	54.36 3.56 -7.34	45.94 3.52 -0.01
NORTH___COUNTRY_ESR 323785	51.32 0.26 0.00	47.93 0.29 0.00	44.22 0.18 0.00	41.35 0.08 0.00	40.83 -0.04 0.00	38.99 -0.16 0.00	40.04 -0.36 0.00	41.61 -0.55 0.00	40.73 -0.58 0.00	44.87 -0.78 0.00	48.51 -0.79 0.00	51.08 -0.83 0.00	54.91 -1.07 0.00	57.55 -1.17 0.00	54.68 -1.00 0.00	52.91 -0.97 0.00	60.61 -1.24 0.00	67.54 -1.38 0.00	67.74 -1.46 0.00	59.38 -1.46 0.00	50.30 -1.03 0.00	45.57 -1.12 0.00	42.33 -1.13 0.00	41.18 -1.23 0.00
NPX_GEN_1385_PROXY 323591	60.42 4.65 -4.71	56.71 4.14 -4.92	54.07 3.92 -6.11	55.07 3.79 -10.01	56.22 3.88 -11.46	58.16 3.72 -15.30	63.62 3.68 -19.54	67.95 4.05 -21.74	64.42 4.26 -18.85	55.00 4.70 -4.65	71.98 3.80 -18.89	76.48 4.05 -20.52	81.43 4.81 -20.64	83.47 4.82 -19.92	83.78 4.57 -23.54	88.13 5.28 -28.97	97.27 6.24 -29.18	99.44 7.23 -23.29	89.78 7.41 -13.18	86.72 6.45 -19.44	78.07 5.13 -21.62	62.89 5.18 -11.02	63.08 4.60 -15.01	60.00 4.45 -13.14
NPX_GEN_CSC 323557	55.41 4.34 -0.01	51.37 3.72 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 -0.01	45.04 3.72 -0.01	49.77 4.11 -0.01	72.83 4.44 -19.09	77.69 5.03 -20.75	82.66 5.82 -20.87	84.97 6.11 -20.14	84.59 5.12 -23.79	88.76 5.60 -29.28	97.96 6.62 -29.50	99.70 7.23 -23.54	89.85 7.33 -13.32	86.93 6.45 -19.65	78.15 4.98 -21.85	61.23 4.58 -9.97	54.83 3.95 -7.41	46.32 3.90 -0.01
NSINS_S_GLNS_FALLS 23858	54.69 3.63 0.00	51.07 3.43 0.00	47.08 3.04 0.00	44.07 2.81 0.00	43.73 2.86 0.00	41.96 2.82 0.00	43.23 2.83 0.00	45.28 3.12 0.00	44.58 3.26 0.00	49.67 4.02 0.00	53.93 4.63 0.00	56.68 4.78 0.00	60.90 4.93 0.00	63.90 5.17 0.00	60.52 4.84 0.00	58.62 4.74 0.00	67.48 5.63 0.00	74.57 5.65 0.00	74.87 5.67 0.00	65.76 4.93 0.00	55.17 3.85 0.00	50.19 3.50 0.00	46.68 3.22 0.00	45.68 3.27 0.00
NUCOR_STEEL___DRP 24197	50.71 -0.36 0.00	47.41 -0.24 0.00	43.78 -0.26 0.00	41.06 -0.21 0.00	40.71 -0.16 0.00	39.06 -0.08 0.00	40.52 0.12 0.00	42.33 0.17 0.00	41.23 -0.08 0.00	45.51 -0.14 0.00	49.10 -0.20 0.00	51.65 -0.26 0.00	55.53 -0.45 0.00	58.26 -0.47 0.00	55.35 -0.33 0.00	53.50 -0.38 0.00	61.48 -0.37 0.00	68.71 -0.21 0.00	68.99 -0.21 0.00	60.65 -0.18 0.00	51.22 -0.10 0.00	46.55 -0.14 0.00	43.50 0.04 0.00	42.33 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	51.58 0.51 0.00	47.69 0.05 0.00	43.95 -0.09 0.00	41.18 -0.08 0.00	40.71 -0.16 0.00	38.79 -0.35 0.00	39.87 -0.53 0.00	41.66 -0.50 0.00	40.73 -0.58 0.00	45.06 -0.59 0.00	49.00 -0.29 0.00	51.55 -0.36 0.00	55.47 -0.50 0.00	58.44 -0.29 0.00	55.40 -0.28 0.00	53.61 -0.27 0.00	61.48 -0.37 0.00	68.78 -0.14 0.00	69.40 0.21 0.00	60.71 -0.12 0.00	51.22 -0.10 0.00	46.83 0.14 0.00	43.46 0.00 0.00	42.37 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	51.07 0.00 0.00	47.64 0.00 0.00	44.04 0.00 0.00	41.27 0.00 0.00	40.87 0.00 0.00	39.14 0.00 0.00	40.40 0.00 0.00	42.16 0.00 0.00	41.31 0.00 0.00	45.65 0.00 0.00	49.30 0.00 0.00	51.91 0.00 0.00	55.98 0.00 0.00	58.73 0.00 0.00	55.68 0.00 0.00	53.88 0.00 0.00	61.85 0.00 0.00	68.92 0.00 0.00	69.20 0.00 0.00	60.84 0.00 0.00	51.32 0.00 0.00	46.69 0.00 0.00	43.46 0.00 0.00	42.41 0.00 0.00
NYPA_BRENTWD____GT 24164	55.26 4.19 -0.01	51.32 3.67 -0.01	47.53 3.48 -0.01	44.62 3.34 -0.01	44.31 3.43 -0.01	42.43 3.29 0.00	43.59 3.19 0.00	45.75 3.58 -0.01	45.12 3.80 -0.01	49.91 4.25 -0.01	73.45 4.44 -19.72	78.32 4.98 -21.42	83.35 5.82 -21.55	85.58 6.05 -20.80	85.82 5.57 -24.57	89.77 5.66 -30.24	99.05 6.74 -30.46	100.53 7.30 -24.31	90.49 7.54 -13.75	87.82 6.69 -20.29	79.02 5.13 -22.56	61.75 4.76 -10.29	55.33 4.21 -7.66	46.45 4.03 -0.01

NYPA_GOWANUS____GT5 24156	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NYPA_GOWANUS____GT6 24157	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	43.00 2.12 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.11 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.37 5.44 -0.01	74.80 5.60 0.00	65.83 4.99 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NYPA_HARLEM__RVR__GT1 24160	53.36 2.30 0.01	49.45 1.81 0.01	45.84 1.81 0.01	43.45 2.19 0.00	43.12 2.25 0.00	41.18 2.03 0.00	42.34 1.94 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.57 2.92 0.01	52.49 3.20 0.01	55.38 3.48 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.94 5.03 0.00	74.31 5.12 0.01	65.46 4.62 0.00	54.91 3.59 0.01	50.14 3.45 0.01	46.60 3.13 -0.01	45.60 3.18 -0.01
NYPA_HARLEM__RVR__GT2 24161	53.36 2.30 0.01	49.45 1.81 0.01	45.84 1.81 0.01	43.45 2.19 0.00	43.12 2.25 0.00	41.18 2.03 0.00	42.34 1.94 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.57 2.92 0.01	52.49 3.20 0.01	55.38 3.48 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.94 5.03 0.00	74.31 5.12 0.01	65.46 4.62 0.00	54.91 3.59 0.01	50.14 3.45 0.01	46.60 3.13 -0.01	45.60 3.18 -0.01
NYPA_KENT____GT 24152	53.67 2.60 0.00	49.74 2.09 0.00	46.07 2.03 0.00	43.33 2.06 0.00	43.04 2.16 0.00	41.14 2.00 0.00	42.38 1.98 0.00	44.39 2.23 0.00	43.87 2.56 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.86 5.01 -0.01	74.30 5.38 -0.01	74.73 5.54 0.00	65.77 4.93 -0.01	55.22 3.90 0.00	50.38 3.69 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NYPA_POUCH1____GT 24155	53.57 2.50 0.00	49.60 1.95 0.00	45.93 1.89 0.00	43.21 1.94 0.00	42.91 2.04 0.00	40.98 1.84 0.00	42.18 1.78 0.00	44.18 2.02 0.00	43.71 2.40 0.00	48.62 2.97 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.36 4.37 -0.02	63.33 4.58 -0.02	59.87 4.18 -0.01	57.92 4.04 0.00	66.74 4.88 -0.01	74.23 5.31 -0.01	74.66 5.47 0.00	65.71 4.87 -0.01	55.12 3.80 0.00	50.28 3.60 0.00	46.56 3.09 -0.01	45.39 2.97 -0.01
NYPA_VERNON____GT2 24162	53.67 2.60 0.00	49.79 2.15 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.22 2.07 0.00	42.46 2.06 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.85 3.19 0.00	52.75 3.45 0.00	55.70 3.79 0.00	60.53 4.53 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.08 4.21 0.00	66.86 5.01 -0.01	74.30 5.38 -0.01	74.66 5.47 0.00	65.77 4.93 -0.01	55.22 3.90 0.00	50.33 3.64 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NYPA_VERNON____GT3 24163	53.67 2.60 0.00	49.79 2.15 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.22 2.07 0.00	42.46 2.06 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.85 3.19 0.00	52.75 3.45 0.00	55.70 3.79 0.00	60.53 4.53 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.08 4.21 0.00	66.86 5.01 -0.01	74.30 5.38 -0.01	74.66 5.47 0.00	65.77 4.93 -0.01	55.22 3.90 0.00	50.33 3.64 0.00	46.64 3.17 -0.01	45.48 3.06 -0.01
NYPA__ASTORIA_CC1 323568	53.67 2.60 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.81 4.95 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.71 4.87 -0.01	55.17 3.85 0.00	50.33 3.64 0.00	46.64 3.17 -0.01	45.52 3.09 -0.01
NYPA__ASTORIA_CC2 323569	53.67 2.60 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.81 4.95 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.71 4.87 -0.01	55.17 3.85 0.00	50.33 3.64 0.00	46.64 3.17 -0.01	45.52 3.09 -0.01
NYPA__HOLTSVILL 23794	54.80 3.73 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.99 3.10 -0.01	42.08 2.94 0.00	43.23 2.83 0.00	45.33 3.16 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	72.34 3.99 -19.05	77.12 4.51 -20.70	82.06 5.26 -20.82	84.34 5.52 -20.10	84.32 4.90 -23.74	88.16 5.06 -29.22	97.34 6.06 -29.43	98.96 6.55 -23.49	89.27 6.79 -13.29	86.41 5.97 -19.61	77.69 4.57 -21.80	60.88 4.25 -9.94	54.55 3.69 -7.40	45.98 3.56 -0.01
NYPA____HELLGATE_GT1 24158	53.36 2.30 0.01	49.45 1.81 0.01	45.84 1.81 0.01	43.45 2.19 0.00	43.12 2.25 0.00	41.18 2.03 0.00	42.34 1.94 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.57 2.92 0.01	52.49 3.20 0.01	55.38 3.48 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.94 5.03 0.00	74.31 5.12 0.01	65.46 4.62 0.00	54.91 3.59 0.01	50.14 3.45 0.01	46.60 3.13 -0.01	45.60 3.18 -0.01
NYPA____HELLGATE_GT2 24159	53.36 2.30 0.01	49.45 1.81 0.01	45.84 1.81 0.01	43.45 2.19 0.00	43.12 2.25 0.00	41.18 2.03 0.00	42.34 1.94 0.00	44.26 2.11 0.01	43.82 2.52 0.01	48.57 2.92 0.01	52.49 3.20 0.01	55.38 3.48 0.01	60.30 4.31 -0.01	63.20 4.46 -0.01	59.74 4.06 0.00	57.80 3.93 0.01	66.55 4.70 0.00	73.94 5.03 0.00	74.31 5.12 0.01	65.46 4.62 0.00	54.91 3.59 0.01	50.14 3.45 0.01	46.60 3.13 -0.01	45.60 3.18 -0.01
NYS_BARGE__HYD 23848	48.46 -2.60 0.00	45.50 -2.14 0.00	42.01 -2.03 0.00	39.37 -1.90 0.00	38.74 -2.13 0.00	37.26 -1.88 0.00	38.62 -1.78 0.00	39.84 -2.32 0.00	38.00 -3.31 0.00	41.82 -3.83 0.00	45.11 -4.19 0.00	47.29 -4.62 0.00	50.21 -5.76 0.00	52.62 -6.11 0.00	50.11 -5.57 0.00	48.54 -5.33 0.00	55.48 -6.37 0.00	62.30 -6.62 0.00	62.83 -6.36 0.00	55.30 -5.54 0.00	47.06 -4.26 0.00	42.86 -3.83 0.00	41.20 -2.26 0.00	40.80 -1.61 0.00
OAK ORCHARD__HYD 24046	49.48 -1.58 0.00	46.22 -1.43 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.52 -1.35 0.00	38.12 -1.02 0.00	39.59 -0.81 0.00	41.36 -0.80 0.00	39.87 -1.45 0.00	44.10 -1.55 0.00	47.57 -1.73 0.00	50.04 -1.87 0.00	53.46 -2.52 0.00	56.15 -2.58 0.00	53.39 -2.29 0.00	51.62 -2.26 0.00	59.07 -2.78 0.00	66.30 -2.62 0.00	66.57 -2.63 0.00	58.52 -2.31 0.00	49.68 -1.64 0.00	45.15 -1.54 0.00	42.72 -0.74 0.00	41.65 -0.76 0.00

OAKDALE___35_KV_LOAD 356122	50.56 -0.51 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.85 -0.41 0.00	40.46 -0.41 0.00	38.79 -0.35 0.00	40.16 -0.24 0.00	41.95 -0.21 0.00	40.90 -0.41 0.00	45.19 -0.46 0.00	48.75 -0.54 0.00	51.29 -0.62 0.00	55.14 -0.84 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.18 -0.70 0.00	61.11 -0.74 0.00	68.30 -0.62 0.00	68.57 -0.62 0.00	60.35 -0.49 0.00	50.96 -0.36 0.00	46.32 -0.37 0.00	43.33 -0.13 0.00	42.24 -0.17 0.00
OCC_CHEM___DRP 24175	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
OH_GEN_PROXY 24063	47.95 -3.12 0.00	44.88 -2.76 0.00	41.44 -2.60 0.00	38.87 -2.39 0.00	38.34 -2.53 0.00	36.87 -2.27 0.00	38.26 -2.14 0.00	39.80 -2.36 0.00	38.05 -3.26 0.00	41.86 -3.79 0.00	45.16 -4.14 0.00	47.34 -4.57 0.00	50.27 -5.71 0.00	52.68 -6.05 0.00	50.17 -5.51 0.00	48.60 -5.28 0.00	55.48 -6.37 0.00	62.30 -6.62 0.00	62.62 -6.58 0.00	55.24 -5.60 0.00	46.96 -4.36 0.00	42.86 -3.83 0.00	41.11 -2.35 0.00	40.42 -1.99 0.00
OLIN_CORP_DRP 24177	48.05 -3.01 0.00	45.17 -2.48 0.00	41.71 -2.33 0.00	39.12 -2.15 0.00	38.71 -2.17 0.00	37.03 -2.11 0.00	38.34 -2.06 0.00	39.42 -2.74 0.00	37.55 -3.76 0.00	41.31 -4.34 0.00	44.51 -4.78 0.00	46.72 -5.19 0.00	49.60 -6.38 0.00	51.92 -6.81 0.00	49.44 -6.24 0.00	47.90 -5.98 0.00	54.74 -7.11 0.00	61.34 -7.58 0.00	61.86 -7.33 0.00	54.51 -6.33 0.00	46.34 -4.98 0.00	42.30 -4.39 0.00	40.64 -2.82 0.00	40.16 -2.25 0.00
OLIN_CORP_DSASP 323712	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
ONEIDA_HERK_LFGE 323681	51.93 0.87 0.00	48.26 0.62 0.00	44.53 0.49 0.00	41.72 0.45 0.00	41.28 0.41 0.00	39.45 0.31 0.00	40.64 0.24 0.00	42.50 0.34 0.00	41.64 0.33 0.00	46.11 0.46 0.00	49.94 0.64 0.00	52.53 0.63 0.00	56.65 0.67 0.00	59.61 0.88 0.00	56.46 0.78 0.00	54.63 0.75 0.00	62.65 0.80 0.00	70.02 1.10 0.00	70.51 1.31 0.00	61.75 0.91 0.00	52.09 0.77 0.00	47.43 0.74 0.00	44.07 0.61 0.00	43.01 0.59 0.00
ONEIDA___115KV_TB4 55905	52.09 1.02 0.00	48.55 0.91 0.00	44.83 0.79 0.00	42.05 0.78 0.00	41.65 0.78 0.00	39.85 0.70 0.00	41.17 0.77 0.00	43.00 0.84 0.00	42.10 0.78 0.00	46.56 0.91 0.00	50.33 1.04 0.00	52.95 1.04 0.00	57.10 1.12 0.00	60.02 1.29 0.00	56.90 1.22 0.00	55.06 1.19 0.00	63.21 1.36 0.00	70.57 1.65 0.00	71.06 1.87 0.00	62.30 1.46 0.00	52.50 1.18 0.00	47.76 1.07 0.00	44.42 0.96 0.00	43.30 0.89 0.00
ONONDAGA_REF_OCCRA 23987	50.40 -0.66 0.00	47.12 -0.52 0.00	43.51 -0.53 0.00	40.81 -0.45 0.00	40.46 -0.41 0.00	38.79 -0.35 0.00	40.16 -0.24 0.00	41.95 -0.21 0.00	40.94 -0.37 0.00	45.15 -0.50 0.00	48.75 -0.54 0.00	51.29 -0.62 0.00	55.19 -0.78 0.00	57.96 -0.76 0.00	55.01 -0.67 0.00	53.18 -0.70 0.00	61.11 -0.74 0.00	68.23 -0.69 0.00	68.50 -0.69 0.00	60.23 -0.61 0.00	50.86 -0.46 0.00	46.22 -0.47 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
ONONDAGA___COGEN 23986	50.45 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.02 -0.29 0.00	45.29 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.31 -0.67 0.00	58.08 -0.65 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
ONTARIO___LFGE 23819	50.05 -1.02 0.00	46.74 -0.91 0.00	43.20 -0.84 0.00	40.48 -0.79 0.00	40.05 -0.82 0.00	38.56 -0.59 0.00	40.08 -0.32 0.00	41.87 -0.29 0.00	40.61 -0.70 0.00	44.87 -0.78 0.00	48.46 -0.84 0.00	51.03 -0.88 0.00	54.69 -1.29 0.00	57.38 -1.35 0.00	54.51 -1.17 0.00	52.69 -1.19 0.00	60.49 -1.36 0.00	67.74 -1.17 0.00	68.02 -1.18 0.00	59.74 -1.09 0.00	50.55 -0.77 0.00	45.94 -0.75 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
ORANGEVILLE_WT_PWR 323706	48.10 -2.96 0.00	44.93 -2.71 0.00	41.40 -2.64 0.00	38.71 -2.56 0.00	38.09 -2.78 0.00	36.52 -2.62 0.00	37.86 -2.54 0.00	39.42 -2.74 0.00	37.80 -3.51 0.00	41.63 -4.02 0.00	44.86 -4.44 0.00	46.98 -4.93 0.00	50.10 -5.88 0.00	52.56 -6.17 0.00	50.00 -5.68 0.00	48.44 -5.44 0.00	55.66 -6.18 0.00	62.51 -6.41 0.00	62.97 -6.23 0.00	55.36 -5.48 0.00	47.01 -4.31 0.00	42.77 -3.92 0.00	40.81 -2.65 0.00	40.16 -2.25 0.00
ORANGEVILLE___ESR 323794	48.10 -2.96 0.00	44.93 -2.71 0.00	41.40 -2.64 0.00	38.71 -2.56 0.00	38.09 -2.78 0.00	36.52 -2.62 0.00	37.86 -2.54 0.00	39.42 -2.74 0.00	37.80 -3.51 0.00	41.63 -4.02 0.00	44.86 -4.44 0.00	46.98 -4.93 0.00	50.10 -5.88 0.00	52.56 -6.17 0.00	50.00 -5.68 0.00	48.44 -5.44 0.00	55.66 -6.18 0.00	62.51 -6.41 0.00	62.97 -6.23 0.00	55.36 -5.48 0.00	47.01 -4.31 0.00	42.77 -3.92 0.00	40.81 -2.65 0.00	40.16 -2.25 0.00
OSWEGATCHIE___HYD 24044	51.07 0.00 0.00	47.60 -0.05 0.00	43.86 -0.18 0.00	41.06 -0.21 0.00	40.59 -0.28 0.00	38.44 -0.70 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	40.36 -0.95 0.00	44.60 -1.05 0.00	48.71 -0.59 0.00	51.23 -0.68 0.00	55.14 -0.84 0.00	58.03 -0.70 0.00	55.12 -0.56 0.00	53.12 -0.75 0.00	60.67 -1.18 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.56 -1.28 0.00	50.45 -0.87 0.00	46.27 -0.42 0.00	43.11 -0.35 0.00	41.99 -0.42 0.00
OSWEGO___5 23606	49.69 -1.38 0.00	46.45 -1.19 0.00	42.94 -1.10 0.00	40.28 -0.99 0.00	39.89 -0.98 0.00	38.24 -0.90 0.00	39.55 -0.85 0.00	41.27 -0.89 0.00	40.24 -1.07 0.00	44.37 -1.28 0.00	47.86 -1.43 0.00	50.35 -1.56 0.00	54.24 -1.74 0.00	56.91 -1.82 0.00	53.95 -1.73 0.00	52.21 -1.67 0.00	59.93 -1.92 0.00	66.92 -2.00 0.00	67.12 -2.07 0.00	59.07 -1.77 0.00	49.89 -1.44 0.00	45.38 -1.31 0.00	42.33 -1.13 0.00	41.31 -1.10 0.00
OSWEGO___6 23613	49.69 -1.38 0.00	46.45 -1.19 0.00	42.94 -1.10 0.00	40.28 -0.99 0.00	39.89 -0.98 0.00	38.24 -0.90 0.00	39.55 -0.85 0.00	41.27 -0.89 0.00	40.24 -1.07 0.00	44.37 -1.28 0.00	47.86 -1.43 0.00	50.35 -1.56 0.00	54.24 -1.74 0.00	56.91 -1.82 0.00	53.95 -1.73 0.00	52.21 -1.67 0.00	59.93 -1.92 0.00	66.92 -2.00 0.00	67.12 -2.07 0.00	59.07 -1.77 0.00	49.89 -1.44 0.00	45.38 -1.31 0.00	42.33 -1.13 0.00	41.31 -1.10 0.00

OUTOKUMPU-AB___DRP 24206	48.41 -2.66 0.00	45.36 -2.29 0.00	41.84 -2.20 0.00	39.20 -2.06 0.00	38.79 -2.08 0.00	37.03 -2.11 0.00	38.38 -2.02 0.00	39.84 -2.32 0.00	38.08 -3.22 0.01	41.91 -3.74 0.00	45.20 -4.09 0.00	47.39 -4.52 0.00	50.38 -5.60 0.00	52.74 -5.99 0.00	50.22 -5.46 0.00	48.71 -5.17 0.00	55.66 -6.18 0.00	62.44 -6.48 0.00	63.04 -6.16 0.00	55.42 -5.41 0.00	47.17 -4.16 0.00	42.95 -3.74 0.00	41.29 -2.17 0.00	40.42 -1.99 0.00
OXBOW___BTM 323836	47.90 -3.17 0.00	44.88 -2.76 0.00	41.40 -2.64 0.00	38.83 -2.43 0.00	38.22 -2.66 0.00	36.72 -2.43 0.00	38.10 -2.30 0.00	39.59 -2.57 0.00	37.79 -3.51 0.01	41.59 -4.06 0.00	44.86 -4.44 0.00	47.03 -4.88 0.00	49.93 -6.05 0.00	52.33 -6.40 0.00	49.83 -5.85 0.00	48.27 -5.60 0.00	55.17 -6.68 0.00	61.89 -7.03 0.00	62.34 -6.85 0.00	54.94 -5.90 0.00	46.70 -4.62 0.00	42.58 -4.11 0.00	40.94 -2.52 0.00	40.34 -2.08 0.00
OXBOW___ 24026	47.90 -3.17 0.00	44.88 -2.76 0.00	41.40 -2.64 0.00	38.83 -2.43 0.00	38.42 -2.45 0.00	36.72 -2.43 0.00	38.10 -2.30 0.00	39.59 -2.57 0.00	37.79 -3.51 0.01	41.59 -4.06 0.00	44.86 -4.44 0.00	47.03 -4.88 0.00	49.93 -6.05 0.00	52.33 -6.40 0.00	49.83 -5.85 0.00	48.27 -5.60 0.00	55.17 -6.68 0.00	61.82 -7.10 0.00	62.34 -6.85 0.00	54.93 -5.90 0.00	46.70 -4.62 0.00	42.58 -4.11 0.00	40.94 -2.52 0.00	40.04 -2.38 0.00
OXY_CHEM_DSASP 323612	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
OZONE_PARK_ESR 323760	53.93 2.86 0.00	50.03 2.38 0.00	46.42 2.38 0.00	43.54 2.27 0.00	43.16 2.29 0.00	41.37 2.23 0.00	42.66 2.26 0.00	44.69 2.53 0.00	44.20 2.89 0.00	49.07 3.42 0.00	53.04 3.75 0.00	55.90 4.00 0.00	60.75 4.76 -0.02	63.79 5.05 -0.02	60.25 4.57 0.00	58.30 4.42 0.00	67.17 5.32 0.00	74.71 5.79 0.00	75.08 5.88 0.00	66.07 5.23 0.00	55.48 4.16 0.00	50.56 3.88 0.00	46.81 3.35 0.00	45.68 3.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.97 -2.90 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.37 -4.93 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.74 -6.14 0.00	54.49 -7.36 0.00	61.06 -7.86 0.00	61.51 -7.68 0.00	54.27 -6.57 0.00	46.14 -5.18 0.00	42.11 -4.58 0.00	40.51 -2.96 0.00	39.57 -2.84 0.00
PACKARD___115KV_DUPONT_184 80571	47.29 -3.78 0.00	44.31 -3.34 0.00	40.91 -3.13 0.00	38.34 -2.93 0.00	37.76 -3.11 0.00	36.32 -2.82 0.00	37.69 -2.71 0.00	39.21 -2.95 0.00	37.45 -3.84 0.02	41.18 -4.47 0.00	44.41 -4.88 0.00	46.56 -5.35 0.00	49.43 -6.55 0.00	51.74 -6.99 0.00	49.28 -6.40 0.00	47.73 -6.14 0.00	54.49 -7.36 0.00	61.13 -7.79 0.00	61.51 -7.68 0.00	54.26 -6.57 0.00	46.14 -5.18 0.00	42.12 -4.57 0.00	40.50 -2.96 0.00	39.87 -2.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.42 2.35 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.33 2.06 0.00	43.00 2.13 0.00	41.10 1.96 0.00	42.26 1.86 0.00	44.23 2.07 0.00	43.75 2.44 0.00	48.57 2.92 0.00	52.50 3.20 0.00	55.39 3.48 0.00	60.19 4.20 -0.02	63.15 4.40 -0.02	59.69 4.01 0.00	57.76 3.88 0.00	66.49 4.64 0.00	73.88 4.96 0.00	74.25 5.05 0.00	65.40 4.56 0.00	54.92 3.59 0.00	50.10 3.41 0.00	46.50 3.04 0.00	45.64 3.22 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.13 3.06 0.00	50.17 2.53 0.00	46.51 2.47 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.65 2.51 0.00	42.78 2.38 0.00	44.77 2.61 0.00	44.29 2.97 0.00	49.21 3.56 0.00	53.14 3.85 0.00	56.06 4.15 0.00	60.92 4.93 -0.02	63.91 5.17 -0.02	60.41 4.73 0.00	58.40 4.53 0.00	67.29 5.44 0.00	74.77 5.86 0.00	75.15 5.95 0.00	66.19 5.35 0.00	55.58 4.26 0.00	50.70 4.02 0.00	47.07 3.61 0.00	46.19 3.77 0.00
PATROON___115KV_TB1 80586	52.75 1.69 0.00	49.22 1.57 0.00	45.63 1.59 0.00	42.71 1.44 0.00	42.38 1.51 0.00	40.55 1.41 0.00	41.73 1.33 0.00	43.64 1.48 0.00	42.92 1.61 0.00	47.66 2.01 0.00	51.51 2.22 0.00	54.24 2.34 0.00	58.44 2.46 0.00	61.31 2.58 0.00	58.07 2.39 0.00	56.19 2.32 0.00	64.57 2.72 0.00	71.60 2.69 0.00	71.82 2.63 0.00	63.33 2.49 0.00	53.38 2.05 0.00	48.60 1.91 0.00	45.20 1.74 0.00	44.24 1.82 0.00
PATTRSNVILLE___SOLAR 323815	52.55 1.48 0.00	49.03 1.38 0.00	45.32 1.28 0.00	42.46 1.20 0.00	42.14 1.27 0.00	40.32 1.17 0.00	41.57 1.17 0.00	43.47 1.31 0.00	42.55 1.24 0.00	47.02 1.37 0.00	50.83 1.53 0.00	53.62 1.71 0.00	57.82 1.84 0.00	60.73 2.00 0.00	57.57 1.89 0.00	55.92 2.05 0.00	64.39 2.54 0.00	71.60 2.69 0.00	71.97 2.77 0.00	63.27 2.44 0.00	53.22 1.90 0.00	48.32 1.63 0.00	44.98 1.52 0.00	43.90 1.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	48.82 -2.25 0.00	45.64 -2.00 0.00	42.10 -1.94 0.00	39.45 -1.82 0.00	38.99 -1.88 0.00	37.22 -1.92 0.00	38.58 -1.82 0.00	40.09 -2.07 0.00	38.38 -2.93 0.00	42.27 -3.38 0.00	45.60 -3.70 0.00	47.81 -4.10 0.00	50.88 -5.09 0.00	53.32 -5.40 0.00	50.72 -4.96 0.00	49.19 -4.69 0.00	56.41 -5.44 0.00	63.33 -5.58 0.00	63.94 -5.26 0.00	56.21 -4.62 0.00	47.73 -3.59 0.00	43.47 -3.22 0.00	41.59 -1.87 0.00	40.76 -1.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.77 2.71 0.00	49.93 2.29 0.00	46.29 2.25 0.00	43.41 2.15 0.00	43.08 2.21 0.00	41.22 2.07 0.00	42.54 2.14 0.00	44.44 2.28 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.70 3.40 0.00	55.49 3.58 0.00	60.29 4.31 0.00	63.25 4.52 0.00	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.07 3.75 0.00	50.14 3.46 0.00	46.29 2.82 0.00	45.13 2.71 0.00
PEEKSKILL___ 23653	53.06 1.99 0.00	49.31 1.67 0.00	45.71 1.67 0.00	42.87 1.61 0.00	42.59 1.72 0.00	40.75 1.61 0.00	42.06 1.66 0.00	44.01 1.85 0.00	43.42 2.11 0.00	48.16 2.51 0.00	52.01 2.71 0.00	54.81 2.91 0.00	59.51 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.56 4.36 0.00	64.73 3.90 0.00	54.40 3.08 0.00	49.59 2.90 0.00	45.89 2.43 0.00	44.70 2.29 0.00
PGE MADISON___WINDPWR 24146	53.52 2.45 0.00	49.79 2.14 0.00	45.76 1.72 0.00	42.75 1.49 0.00	42.14 1.27 0.00	40.24 1.10 0.00	41.61 1.21 0.00	43.51 1.35 0.00	42.51 1.20 0.00	47.34 1.69 0.00	51.17 1.87 0.00	53.88 1.97 0.00	57.88 1.90 0.00	61.31 2.58 0.00	58.30 2.62 0.00	56.63 2.75 0.00	65.19 3.34 0.00	73.26 4.34 0.00	74.11 4.91 0.00	64.61 3.77 0.00	54.40 3.08 0.00	48.93 2.24 0.00	45.42 1.96 0.00	44.19 1.78 0.00

PIERCEFIELD___HYD 23852	51.22 0.15 0.00	48.02 0.38 0.00	44.26 0.22 0.00	41.43 0.17 0.00	40.91 0.04 0.00	38.91 -0.23 0.00	40.00 -0.40 0.00	41.70 -0.46 0.00	40.90 -0.41 0.00	45.19 -0.46 0.00	49.00 -0.30 0.00	51.54 -0.36 0.00	55.53 -0.45 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.61 -0.27 0.00	61.04 -0.80 0.00	67.88 -1.03 0.00	68.02 -1.18 0.00	59.56 -1.28 0.00	50.66 -0.67 0.00	46.13 -0.56 0.00	43.11 -0.35 0.00	42.03 -0.38 0.00
PINELAWN_CC_1 323563	54.70 3.63 -0.01	50.85 3.19 -0.01	47.09 3.04 -0.01	44.21 2.93 -0.01	43.91 3.02 -0.01	42.04 2.90 0.00	43.23 2.83 0.00	45.37 3.20 -0.01	44.75 3.43 -0.01	49.45 3.79 -0.01	74.81 3.89 -21.62	79.76 4.36 -23.49	84.75 5.15 -23.63	86.93 5.40 -22.80	87.57 4.95 -26.94	92.09 5.06 -33.15	101.31 6.06 -33.40	102.13 6.55 -26.66	91.06 6.79 -15.08	89.05 5.97 -22.25	80.63 4.57 -24.74	62.27 4.29 -11.28	55.64 3.78 -8.40	46.07 3.65 -0.01
PJM_GEN_HTTP_PROXY 323702	53.52 2.45 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.17 1.90 0.00	42.87 2.00 0.00	41.06 1.92 0.00	42.34 1.94 0.00	44.35 2.19 0.00	43.87 2.56 0.00	48.62 2.97 0.00	52.50 3.20 0.00	55.39 3.48 0.00	60.18 4.20 0.00	63.14 4.41 0.00	59.69 4.01 0.00	57.76 3.88 0.00	66.49 4.64 0.00	73.94 5.03 0.00	74.32 5.12 0.00	65.40 4.56 0.00	54.91 3.59 0.00	50.05 3.36 0.00	46.33 2.87 0.00	45.13 2.72 0.00
PJM_GEN_KEystone 24065	44.69 -0.51 5.87	41.66 -0.52 5.46	39.31 -0.44 4.29	38.10 -0.37 2.80	38.67 -0.41 1.79	38.83 -0.31 0.00	40.16 -0.24 0.00	41.99 -0.17 0.00	40.94 -0.37 0.00	43.61 -0.41 1.63	43.11 -0.49 5.69	44.10 -0.57 7.24	46.12 -0.61 9.24	47.08 -0.70 10.95	48.14 -0.67 6.87	51.99 -0.59 1.30	61.22 -0.62 0.01	68.36 -0.55 0.00	65.47 -0.48 3.24	60.53 -0.30 0.00	51.07 -0.26 0.00	46.55 -0.14 0.00	43.59 0.13 0.00	42.63 0.21 0.00
PJM_GEN_NEPTUNE_PROXY 323594	53.93 2.86 -0.01	50.18 2.52 -0.01	46.47 2.42 -0.01	43.71 2.43 -0.01	43.37 2.49 -0.01	41.53 2.39 0.00	42.74 2.34 0.00	44.83 2.66 -0.01	44.21 2.89 -0.01	48.85 3.19 -0.01	70.35 3.25 -17.80	74.94 3.69 -19.34	79.80 4.37 -19.46	82.09 4.58 -18.78	81.98 4.12 -22.18	85.39 4.21 -27.30	94.36 5.01 -27.50	96.25 5.38 -21.95	87.22 5.60 -12.42	84.08 4.93 -18.32	75.44 3.74 -20.37	59.53 3.55 -9.29	53.46 3.09 -6.91	45.39 2.97 -0.01
PJM_GEN_VFT_PROXY 323633	53.37 2.30 0.00	49.50 1.86 0.00	45.89 1.85 0.00	43.08 1.81 0.00	42.79 1.92 0.00	40.98 1.84 0.00	42.26 1.86 0.00	44.27 2.11 0.00	43.83 2.52 0.00	48.62 2.97 0.00	52.45 3.16 0.00	55.33 3.43 0.00	60.14 4.14 -0.02	63.09 4.35 -0.02	59.64 3.95 -0.01	57.70 3.83 0.00	66.43 4.58 -0.01	73.89 4.96 -0.01	74.24 5.05 0.00	65.35 4.50 -0.01	54.86 3.54 0.00	50.05 3.36 0.00	46.34 2.87 -0.01	45.14 2.72 -0.01
PLATSBURG_115KV_PMLD1 355749	51.78 0.71 0.00	48.41 0.76 0.00	44.61 0.57 0.00	41.72 0.45 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.40 0.00 0.00	41.99 -0.17 0.00	41.11 -0.21 0.00	45.29 -0.37 0.00	48.95 -0.35 0.00	51.54 -0.36 0.00	55.53 -0.45 0.00	58.08 -0.65 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.29 -0.56 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.04 -0.79 0.00	50.86 -0.46 0.00	46.04 -0.65 0.00	42.77 -0.70 0.00	41.65 -0.76 0.00
PLEASANTVLY___LBMP 24000	53.16 2.09 0.00	49.36 1.72 0.00	45.76 1.72 0.00	42.92 1.65 0.00	42.55 1.68 0.00	40.79 1.64 0.00	42.06 1.66 0.00	44.02 1.86 0.00	43.42 2.11 0.00	48.12 2.47 0.00	51.96 2.66 0.00	54.71 2.80 0.00	59.34 3.36 0.00	62.25 3.52 0.00	58.91 3.23 0.00	57.00 3.12 0.00	65.56 3.71 0.00	72.91 4.00 0.00	73.28 4.08 0.00	64.49 3.65 0.00	54.20 2.87 0.00	49.40 2.71 0.00	45.76 2.30 0.00	44.70 2.29 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.47 2.40 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.12 1.86 0.00	42.79 1.92 0.00	40.98 1.84 0.00	42.30 1.90 0.00	44.27 2.11 0.00	43.71 2.40 0.00	48.48 2.83 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.90 3.92 0.00	62.84 4.11 0.00	59.41 3.73 0.00	57.49 3.61 0.00	66.18 4.33 0.00	73.60 4.69 0.00	74.04 4.84 0.00	65.09 4.26 0.00	54.71 3.39 0.00	49.86 3.17 0.00	46.16 2.69 0.00	45.04 2.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.47 2.40 0.00	49.60 1.95 0.00	45.98 1.94 0.00	43.12 1.86 0.00	42.79 1.92 0.00	40.98 1.84 0.00	42.30 1.90 0.00	44.27 2.11 0.00	43.71 2.40 0.00	48.48 2.83 0.00	52.35 3.06 0.00	55.18 3.27 0.00	59.90 3.92 0.00	62.84 4.11 0.00	59.41 3.73 0.00	57.49 3.61 0.00	66.18 4.33 0.00	73.60 4.69 0.00	74.04 4.84 0.00	65.09 4.26 0.00	54.71 3.39 0.00	49.86 3.17 0.00	46.16 2.69 0.00	45.04 2.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.52 2.45 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.21 1.94 0.00	42.83 1.96 0.00	41.02 1.88 0.00	42.34 1.94 0.00	44.27 2.11 0.00	43.67 2.35 0.00	48.48 2.83 0.00	52.25 2.96 0.00	55.07 3.17 0.00	59.73 3.75 0.00	62.72 3.99 0.00	59.35 3.67 0.00	57.43 3.56 0.00	66.24 4.39 0.00	73.60 4.69 0.00	74.04 4.84 0.00	65.09 4.26 0.00	54.66 3.34 0.00	49.77 3.08 0.00	46.07 2.61 0.00	44.96 2.54 0.00
POLETTI_____ 23519	52.70 1.63 0.00	48.83 1.19 0.00	45.32 1.28 0.00	43.21 1.94 0.00	42.83 1.96 0.00	40.94 1.80 0.00	42.10 1.70 0.00	44.02 1.86 0.00	43.58 2.27 0.00	48.02 2.37 0.00	51.91 2.61 0.00	54.76 2.85 0.00	59.63 3.64 -0.02	62.56 3.82 -0.02	59.13 3.45 0.00	57.22 3.34 0.00	65.87 4.02 0.00	73.19 4.27 0.00	73.49 4.29 0.00	64.79 3.95 0.00	54.35 3.03 0.00	49.58 2.89 0.00	46.33 2.87 0.00	45.89 3.48 0.00
POMONA___ESR 323819	53.06 1.99 0.00	49.31 1.67 0.00	45.71 1.67 0.00	42.87 1.61 0.00	42.55 1.68 0.00	40.75 1.61 0.00	42.06 1.66 0.00	44.01 1.85 0.00	43.42 2.11 0.00	48.16 2.51 0.00	52.01 2.71 0.00	54.81 2.91 0.00	59.51 3.53 0.00	62.43 3.70 0.00	59.08 3.40 0.00	57.16 3.29 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.56 4.36 0.00	64.73 3.90 0.00	54.40 3.08 0.00	49.59 2.90 0.00	45.89 2.43 0.00	44.70 2.29 0.00
PORT_JEFF_3 23555	54.85 3.78 -0.01	50.89 3.24 -0.01	47.13 3.08 -0.01	44.25 2.97 -0.01	44.03 3.15 -0.01	42.12 2.97 0.00	43.27 2.87 0.00	45.33 3.16 -0.01	44.79 3.47 -0.01	49.49 3.84 -0.01	72.42 4.04 -19.08	77.21 4.57 -20.74	82.21 5.37 -20.86	84.44 5.58 -20.13	84.47 5.01 -23.78	88.32 5.17 -29.27	97.52 6.18 -29.48	99.13 6.68 -23.54	89.36 6.85 -13.31	86.50 6.02 -19.64	77.83 4.67 -21.84	60.94 4.29 -9.96	54.61 3.74 -7.41	46.02 3.60 -0.01
PORT_JEFF_4 23616	54.85 3.78 -0.01	50.89 3.24 -0.01	47.13 3.08 -0.01	44.25 2.97 -0.01	44.03 3.15 -0.01	42.12 2.97 0.00	43.27 2.87 0.00	45.33 3.16 -0.01	44.79 3.47 -0.01	49.49 3.84 -0.01	72.42 4.04 -19.08	77.21 4.57 -20.74	82.21 5.37 -20.86	84.44 5.58 -20.13	84.47 5.01 -23.78	88.32 5.17 -29.27	97.52 6.18 -29.48	99.13 6.68 -23.54	89.36 6.85 -13.31	86.50 6.02 -19.64	77.83 4.67 -21.84	60.94 4.29 -9.96	54.61 3.74 -7.41	46.02 3.60 -0.01

PORT_JEFF_IC 23713	54.96 3.88 -0.01	50.94 3.29 -0.01	47.22 3.17 -0.01	44.29 3.01 -0.01	43.95 3.07 -0.01	42.16 3.01 0.00	43.31 2.91 0.00	45.42 3.25 -0.01	44.87 3.55 -0.01	49.59 3.93 -0.01	72.88 4.39 -19.20	77.49 4.72 -20.86	82.44 5.49 -20.98	84.73 5.76 -20.25	84.78 5.18 -23.92	88.65 5.33 -29.44	97.87 6.37 -29.65	99.48 6.89 -23.67	89.64 7.06 -13.39	86.80 6.21 -19.76	78.06 4.77 -21.97	61.15 4.44 -10.02	54.74 3.82 -7.45	46.20 3.77 -0.01
PPL PILGRIM_ST_GT1 24216	55.26 4.19 -0.01	51.32 3.67 -0.01	47.53 3.48 -0.01	44.62 3.34 -0.01	44.31 3.43 -0.01	42.43 3.29 0.00	43.59 3.19 0.00	45.75 3.58 -0.01	45.12 3.80 -0.01	49.91 4.25 -0.01	73.45 4.44 -19.72	78.32 4.98 -21.42	83.35 5.82 -21.55	85.58 6.05 -20.80	85.82 5.57 -24.57	89.77 5.66 -30.24	99.05 6.74 -30.46	100.53 7.30 -24.31	90.49 7.54 -13.75	87.82 6.69 -20.29	79.02 5.13 -22.56	61.75 4.76 -10.29	55.33 4.21 -7.66	46.45 4.03 -0.01
PPL PILGRIM_ST_GT2 24217	55.26 4.19 -0.01	51.32 3.67 -0.01	47.53 3.48 -0.01	44.62 3.34 -0.01	44.31 3.43 -0.01	42.43 3.29 0.00	43.59 3.19 0.00	45.75 3.58 -0.01	45.12 3.80 -0.01	49.91 4.25 -0.01	73.45 4.44 -19.72	78.32 4.98 -21.42	83.35 5.82 -21.55	85.58 6.05 -20.80	85.82 5.57 -24.57	89.77 5.66 -30.24	99.05 6.74 -30.46	100.53 7.30 -24.31	90.49 7.54 -13.75	87.82 6.69 -20.29	79.02 5.13 -22.56	61.75 4.76 -10.29	55.33 4.21 -7.66	46.45 4.03 -0.01
PPL_SHRM_GT3 24213	55.41 4.34 -0.01	51.32 3.67 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 -0.01	45.04 3.72 -0.01	49.77 4.11 -0.01	72.87 4.44 -19.14	77.74 5.03 -20.80	82.72 5.82 -20.92	84.97 6.05 -20.19	84.65 5.12 -23.85	88.84 5.60 -29.35	98.10 6.68 -29.57	99.75 7.23 -23.60	89.95 7.41 -13.35	87.05 6.51 -19.70	78.26 5.03 -21.90	61.26 4.58 -9.99	54.85 3.95 -7.43	46.32 3.90 -0.01
PPL_SHRM_GT4 24214	55.41 4.34 -0.01	51.32 3.67 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 -0.01	45.04 3.72 -0.01	49.77 4.11 -0.01	72.87 4.44 -19.14	77.74 5.03 -20.80	82.72 5.82 -20.92	84.97 6.05 -20.19	84.65 5.12 -23.85	88.84 5.60 -29.35	98.10 6.68 -29.57	99.75 7.23 -23.60	89.95 7.41 -13.35	87.05 6.51 -19.70	78.26 5.03 -21.90	61.26 4.58 -9.99	54.85 3.95 -7.43	46.32 3.90 -0.01
PROJECT___ORANGE 1 24174	50.20 -0.87 0.00	46.93 -0.71 0.00	43.38 -0.66 0.00	40.69 -0.58 0.00	40.30 -0.57 0.00	38.67 -0.47 0.00	40.04 -0.36 0.00	41.78 -0.38 0.00	40.78 -0.54 0.00	44.97 -0.68 0.00	48.56 -0.74 0.00	51.13 -0.78 0.00	54.97 -1.01 0.00	57.67 -1.06 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.80 -1.05 0.00	67.88 -1.03 0.00	68.09 -1.11 0.00	59.92 -0.91 0.00	50.55 -0.77 0.00	45.99 -0.70 0.00	42.90 -0.56 0.00	41.78 -0.64 0.00
PROJECT___ORANGE 2 24166	50.20 -0.87 0.00	46.93 -0.71 0.00	43.38 -0.66 0.00	40.69 -0.58 0.00	40.30 -0.57 0.00	38.67 -0.47 0.00	40.04 -0.36 0.00	41.78 -0.38 0.00	40.78 -0.54 0.00	44.97 -0.68 0.00	48.56 -0.74 0.00	51.13 -0.78 0.00	54.97 -1.01 0.00	57.67 -1.06 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.80 -1.05 0.00	67.88 -1.03 0.00	68.09 -1.11 0.00	59.92 -0.91 0.00	50.55 -0.77 0.00	45.99 -0.70 0.00	42.90 -0.56 0.00	41.78 -0.64 0.00
PUCKETT___SOLAR 323809	51.32 0.26 0.00	47.84 0.19 0.00	44.17 0.13 0.00	41.39 0.12 0.00	40.95 0.08 0.00	39.22 0.08 0.00	40.64 0.24 0.00	42.46 0.30 0.00	41.44 0.12 0.00	45.83 0.18 0.00	49.44 0.15 0.00	52.01 0.10 0.00	55.98 0.00 0.00	58.79 0.06 0.00	55.90 0.22 0.00	54.20 0.33 0.00	62.34 0.49 0.00	69.75 0.83 0.00	70.16 0.97 0.00	61.62 0.79 0.00	51.99 0.67 0.00	47.11 0.42 0.00	43.94 0.48 0.00	42.88 0.47 0.00
PYRITES___HYD 24023	52.14 1.07 0.00	48.88 1.24 0.00	45.01 0.97 0.00	42.13 0.87 0.00	41.61 0.74 0.00	39.57 0.43 0.00	40.72 0.32 0.00	42.41 0.25 0.00	41.52 0.21 0.00	45.74 0.09 0.00	49.54 0.25 0.00	52.12 0.21 0.00	56.15 0.17 0.00	58.90 0.18 0.00	56.13 0.45 0.00	54.42 0.54 0.00	62.22 0.37 0.00	69.47 0.55 0.00	69.89 0.69 0.00	61.08 0.24 0.00	51.89 0.56 0.00	47.16 0.47 0.00	43.98 0.52 0.00	42.88 0.47 0.00
QUAKERRD_115KV_BK1 80622	48.62 -2.45 0.00	45.36 -2.29 0.00	41.93 -2.11 0.00	39.33 -1.94 0.00	38.95 -1.92 0.00	37.46 -1.68 0.00	38.87 -1.54 0.00	40.60 -1.56 0.00	39.29 -2.02 0.00	43.41 -2.24 0.00	46.88 -2.42 0.00	49.31 -2.60 0.00	52.73 -3.25 0.00	55.38 -3.35 0.00	52.67 -3.01 0.00	50.91 -2.96 0.00	58.26 -3.59 0.00	65.26 -3.65 0.00	65.53 -3.67 0.00	57.61 -3.22 0.00	48.86 -2.46 0.00	44.40 -2.29 0.00	41.90 -1.56 0.00	40.67 -1.74 0.00
QUENSBRY_115KV_TB8 356137	54.74 3.68 0.00	51.17 3.53 0.00	47.17 3.13 0.00	44.11 2.85 0.00	43.77 2.90 0.00	42.00 2.86 0.00	43.31 2.91 0.00	45.37 3.20 0.00	44.62 3.31 0.00	49.81 4.15 0.00	54.03 4.73 0.00	56.79 4.88 0.00	61.07 5.09 0.00	64.01 5.29 0.00	60.64 4.96 0.00	58.73 4.85 0.00	67.60 5.75 0.00	74.71 5.79 0.00	75.01 5.81 0.00	65.89 5.05 0.00	55.27 3.95 0.00	50.28 3.60 0.00	46.76 3.30 0.00	45.72 3.31 0.00
RAMAPO___LBMP 323565	52.80 1.74 0.00	49.12 1.48 0.00	45.49 1.45 0.00	42.67 1.40 0.00	42.34 1.47 0.00	40.55 1.41 0.00	41.86 1.45 0.00	43.81 1.64 0.00	43.21 1.90 0.00	47.89 2.24 0.00	51.71 2.42 0.00	54.50 2.60 0.00	59.17 3.19 0.00	62.08 3.35 0.00	58.74 3.06 0.00	56.84 2.96 0.00	65.44 3.59 0.00	72.78 3.86 0.00	73.14 3.94 0.00	64.36 3.53 0.00	54.09 2.77 0.00	49.30 2.61 0.00	45.68 2.22 0.00	44.53 2.12 0.00
RANKINE____ 23646	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.91 -1.96 0.00	37.15 -2.00 0.00	38.50 -1.90 0.00	40.01 -2.15 0.00	38.30 -3.02 0.00	42.14 -3.52 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.72 -5.26 0.00	53.09 -5.64 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.10 -5.75 0.00	62.99 -5.93 0.00	63.59 -5.60 0.00	55.91 -4.93 0.00	47.52 -3.80 0.00	43.23 -3.46 0.00	41.46 -2.00 0.00	40.59 -1.82 0.00
RAVENSWOOD_GT2_1 24244	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
RAVENSWOOD_GT2_2 24245	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00

RAVENSWOOD_GT2_3 24246	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.92 2.04 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.92 2.60 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.38 2.97 0.00
RAVENSWOOD_GT2_4 24247	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.92 2.04 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.92 2.60 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.38 2.97 0.00
RAVENSWOOD_GT3_1 24248	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
RAVENSWOOD_GT3_2 24249	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
RAVENSWOOD_GT3_3 24250	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.42 3.01 0.00
RAVENSWOOD_GT3_4 24251	53.67 2.60 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.80 3.15 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.36 4.37 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.12 3.80 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.42 3.01 0.00
RAVENSWOOD_GT_1 23729	53.67 2.60 0.00	49.79 2.14 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.22 2.07 0.00	42.46 2.06 0.00	44.44 2.28 0.00	43.96 2.64 0.00	48.85 3.20 0.00	52.80 3.50 0.00	55.70 3.79 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.08 4.20 0.00	66.86 5.01 0.00	74.29 5.38 0.00	74.66 5.47 0.00	65.76 4.93 0.00	55.22 3.90 0.00	50.33 3.64 0.00	46.63 3.17 0.00	45.59 3.18 0.00
RAVENSWOOD_GT_10 24258	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
RAVENSWOOD_GT_11 24259	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
RAVENSWOOD_GT_4 24252	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.42 3.01 0.00
RAVENSWOOD_GT_5 24254	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.42 3.01 0.00
RAVENSWOOD_GT_6 24253	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.42 3.01 0.00
RAVENSWOOD_GT_7 24255	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.76 3.10 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.32 4.58 -0.02	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.52 5.33 0.00	65.58 4.75 0.00	55.07 3.75 0.00	50.24 3.55 0.00	46.50 3.04 0.00	45.42 3.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00
RAVENSWOOD_GT_9 24257	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.80 4.12 0.00	57.86 3.99 0.00	66.61 4.76 0.00	74.09 5.17 0.00	74.45 5.26 0.00	65.52 4.68 0.00	55.02 3.70 0.00	50.19 3.50 0.00	46.46 3.00 0.00	45.34 2.93 0.00

RAVENSWOOD___1 23533	53.67 2.60 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.37 2.10 0.00	43.08 2.21 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.96 2.65 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.47 4.48 -0.02	63.38 4.64 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.81 4.95 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.71 4.87 -0.01	55.17 3.85 0.00	50.33 3.64 0.00	46.60 3.13 -0.01	45.48 3.06 -0.01
RAVENSWOOD___2 23534	53.67 2.60 0.00	49.74 2.09 0.00	46.07 2.03 0.00	43.37 2.10 0.00	43.04 2.16 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.44 2.28 0.00	43.92 2.60 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.65 3.74 0.00	60.41 4.42 -0.02	63.38 4.64 -0.02	59.98 4.29 -0.01	58.03 4.15 0.00	66.81 4.95 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.71 4.87 -0.01	55.17 3.85 0.00	50.28 3.60 0.00	46.60 3.13 -0.01	45.48 3.06 -0.01
RAVENSWOOD___3 23535	53.57 2.50 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.25 1.98 0.00	42.95 2.08 0.00	41.10 1.96 0.00	42.42 2.02 0.00	44.39 2.23 0.00	43.92 2.60 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.54 3.63 0.00	60.30 4.31 -0.02	63.27 4.52 -0.02	59.81 4.12 -0.01	57.86 3.99 0.00	66.62 4.76 -0.01	74.10 5.17 -0.01	74.45 5.26 0.00	65.53 4.68 -0.01	55.02 3.70 0.00	50.19 3.50 0.00	46.47 3.00 -0.01	45.26 2.84 -0.01
RAVENSWOOD___4 23820	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.33 2.06 0.00	43.04 2.16 0.00	41.18 2.03 0.00	42.42 2.02 0.00	44.39 2.23 0.00	43.92 2.60 0.00	48.80 3.15 0.00	52.69 3.40 0.00	55.59 3.69 0.00	60.41 4.42 -0.02	63.38 4.64 -0.02	59.92 4.23 -0.01	57.97 4.09 0.00	66.74 4.88 -0.01	74.23 5.31 -0.01	74.60 5.40 0.00	65.65 4.80 -0.01	55.17 3.85 0.00	50.28 3.60 0.00	46.60 3.13 -0.01	45.43 3.01 -0.01
RCPL_TRUST___DRP 24196	53.57 2.50 0.00	49.64 2.00 0.00	46.02 1.98 0.00	43.21 1.94 0.00	42.87 2.00 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.66 3.01 0.00	52.60 3.30 0.00	55.49 3.58 0.00	60.29 4.31 0.00	63.25 4.52 0.00	59.74 4.06 0.00	57.81 3.93 0.00	66.61 4.76 0.00	74.02 5.10 0.00	74.38 5.19 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.14 3.46 0.00	46.37 2.91 0.00	45.30 2.88 0.00
RED___ROCHESTER 323720	49.79 -1.27 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.73 -1.14 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.22 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.77 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.99 -0.42 0.00
REGAN___SOLAR 323812	52.96 1.89 0.00	49.50 1.86 0.00	45.76 1.72 0.00	42.79 1.53 0.00	42.55 1.68 0.00	40.67 1.53 0.00	41.94 1.53 0.00	43.85 1.69 0.00	42.84 1.53 0.00	47.34 1.69 0.00	51.17 1.87 0.00	53.93 2.02 0.00	58.16 2.18 0.00	61.08 2.35 0.00	58.07 2.39 0.00	56.62 2.75 0.00	65.31 3.46 0.00	72.64 3.72 0.00	73.00 3.80 0.00	64.12 3.28 0.00	53.89 2.57 0.00	48.79 2.10 0.00	45.42 1.96 0.00	44.28 1.86 0.00
RENSSELAER___COGEN 23796	52.45 1.38 0.00	48.93 1.29 0.00	45.36 1.32 0.00	42.46 1.20 0.00	42.14 1.27 0.00	40.32 1.17 0.00	41.53 1.13 0.00	43.38 1.22 0.00	42.67 1.36 0.00	47.29 1.64 0.00	51.12 1.83 0.00	53.77 1.87 0.00	58.05 2.07 0.00	60.84 2.11 0.00	57.63 1.95 0.00	55.81 1.94 0.00	64.14 2.29 0.00	71.12 2.20 0.00	71.41 2.21 0.00	62.96 2.13 0.00	53.07 1.75 0.00	48.37 1.68 0.00	44.94 1.48 0.00	43.94 1.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	57.04 5.97 0.00	53.41 5.76 0.00	49.24 5.20 0.00	46.01 4.75 0.00	45.78 4.90 0.00	43.80 4.66 0.00	45.13 4.73 0.00	47.26 5.10 0.00	46.48 5.16 0.00	52.09 6.44 0.00	56.64 7.35 0.00	59.43 7.53 0.00	63.70 7.72 0.00	66.77 8.05 0.00	63.09 7.41 0.00	61.21 7.33 0.00	70.63 8.78 0.00	78.08 9.17 0.00	78.40 9.20 0.00	68.93 8.09 0.00	57.74 6.42 0.00	52.29 5.60 0.00	48.68 5.22 0.00	47.50 5.09 0.00
REVERE_CPPR_DRP 24186	52.45 1.38 0.00	48.88 1.24 0.00	45.10 1.06 0.00	42.26 0.99 0.00	41.81 0.94 0.00	40.00 0.86 0.00	41.29 0.89 0.00	43.13 0.97 0.00	42.22 0.91 0.00	46.79 1.14 0.00	50.58 1.28 0.00	53.26 1.35 0.00	57.38 1.40 0.00	60.43 1.70 0.00	57.24 1.56 0.00	55.44 1.56 0.00	63.64 1.79 0.00	71.05 2.14 0.00	71.62 2.42 0.00	62.72 1.89 0.00	52.86 1.54 0.00	48.04 1.35 0.00	44.68 1.22 0.00	43.60 1.19 0.00
REYNLDPA_13_KV_LD 356490	51.43 0.36 0.00	48.02 0.38 0.00	44.35 0.31 0.00	41.47 0.21 0.00	41.04 0.16 0.00	39.22 0.08 0.00	40.40 0.00 0.00	42.12 -0.04 0.00	41.31 0.00 0.00	45.70 0.05 0.00	49.39 0.10 0.00	52.01 0.10 0.00	55.92 -0.06 0.00	58.79 0.06 0.00	55.90 0.22 0.00	54.09 0.22 0.00	61.91 0.06 0.00	68.92 0.00 0.00	69.13 -0.07 0.00	60.65 -0.18 0.00	51.37 0.05 0.00	46.60 -0.09 0.00	43.37 -0.09 0.00	42.29 -0.13 0.00
REYNOLDS_115KV_TB3 80639	52.75 1.69 0.00	49.17 1.52 0.00	45.54 1.50 0.00	42.67 1.40 0.00	42.34 1.47 0.00	40.51 1.37 0.00	41.73 1.33 0.00	43.59 1.43 0.00	42.88 1.57 0.00	47.52 1.87 0.00	51.42 2.12 0.00	54.09 2.18 0.00	58.33 2.35 0.00	61.19 2.47 0.00	58.02 2.34 0.00	56.14 2.26 0.00	64.45 2.60 0.00	71.60 2.69 0.00	71.89 2.70 0.00	63.33 2.49 0.00	53.32 2.00 0.00	48.60 1.91 0.00	45.16 1.69 0.00	44.19 1.78 0.00
RIVERBAY____ 323610	54.13 3.06 0.00	50.17 2.53 0.00	46.51 2.47 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.65 2.51 0.00	42.78 2.38 0.00	44.77 2.61 0.00	44.29 2.97 0.00	49.21 3.56 0.00	53.14 3.85 0.00	56.06 4.15 0.00	60.92 4.93 -0.02	63.91 5.17 -0.02	60.41 4.73 0.00	58.40 4.53 0.00	67.29 5.44 0.00	74.77 5.86 0.00	75.15 5.95 0.00	66.19 5.35 0.00	55.58 4.26 0.00	50.70 4.02 0.00	47.07 3.61 0.00	46.19 3.77 0.00
RIVERSDE_115KV_TB3 55908	52.65 1.58 0.00	49.12 1.48 0.00	45.49 1.45 0.00	42.63 1.36 0.00	42.30 1.43 0.00	40.47 1.33 0.00	41.69 1.29 0.00	43.55 1.39 0.00	42.84 1.53 0.00	47.52 1.87 0.00	51.37 2.07 0.00	54.04 2.13 0.00	58.27 2.30 0.00	61.08 2.35 0.00	57.91 2.23 0.00	56.03 2.16 0.00	64.38 2.54 0.00	71.47 2.55 0.00	71.69 2.49 0.00	63.21 2.37 0.00	53.27 1.95 0.00	48.51 1.82 0.00	45.07 1.61 0.00	44.15 1.74 0.00
ROARING___BROOK_WT_PWR 323790	50.61 -0.46 0.00	47.07 -0.57 0.00	43.29 -0.75 0.00	40.32 -0.95 0.00	39.73 -1.14 0.00	37.89 -1.25 0.00	39.03 -1.37 0.00	40.73 -1.43 0.00	39.99 -1.32 0.00	44.19 -1.46 0.00	47.77 -1.53 0.00	50.30 -1.61 0.00	54.30 -1.68 0.00	56.97 -1.76 0.00	54.06 -1.62 0.00	52.31 -1.56 0.00	60.05 -1.80 0.00	66.92 -2.00 0.00	67.19 -2.01 0.00	58.95 -1.89 0.00	49.73 -1.59 0.00	45.19 -1.50 0.00	42.07 -1.39 0.00	41.05 -1.36 0.00

ROCHESRG_115KV_T4 355643	49.28 -1.79 0.00	46.02 -1.62 0.00	42.54 -1.50 0.00	39.86 -1.40 0.00	39.48 -1.39 0.00	37.97 -1.17 0.00	39.43 -0.97 0.00	41.15 -1.01 0.00	39.66 -1.65 0.00	43.82 -1.83 0.00	47.27 -2.02 0.00	49.78 -2.13 0.00	53.12 -2.85 0.00	55.79 -2.94 0.00	53.06 -2.62 0.00	51.29 -2.59 0.00	58.76 -3.09 0.00	65.82 -3.10 0.00	66.15 -3.04 0.00	58.16 -2.68 0.00	49.37 -1.95 0.00	44.92 -1.77 0.00	42.50 -0.96 0.00	41.31 -1.10 0.00
ROCHESTER_9_IC 23652	49.59 -1.48 0.00	46.31 -1.33 0.00	42.76 -1.28 0.00	40.11 -1.16 0.00	39.69 -1.19 0.00	38.20 -0.94 0.00	39.67 -0.73 0.00	41.44 -0.72 0.00	39.95 -1.36 0.00	44.19 -1.46 0.00	47.72 -1.58 0.00	50.20 -1.71 0.00	53.57 -2.41 0.00	56.32 -2.41 0.00	53.56 -2.12 0.00	51.78 -2.10 0.00	59.25 -2.60 0.00	66.44 -2.48 0.00	66.84 -2.35 0.00	58.71 -2.13 0.00	49.83 -1.49 0.00	45.29 -1.40 0.00	42.85 -0.61 0.00	41.61 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	53.62 2.55 0.00	49.74 2.10 0.00	46.11 2.07 0.00	43.29 2.02 0.00	42.92 2.04 0.00	41.10 1.96 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.87 2.56 0.00	48.66 3.01 0.00	52.55 3.25 0.00	55.44 3.53 0.00	60.23 4.25 0.00	63.19 4.46 0.00	59.74 4.06 0.00	57.81 3.93 0.00	66.55 4.70 0.00	74.02 5.10 0.00	74.45 5.26 0.00	65.46 4.62 0.00	54.97 3.64 0.00	50.10 3.41 0.00	46.37 2.91 0.00	45.25 2.84 0.00
ROME____115KV_TB2 80656	52.45 1.38 0.00	48.88 1.24 0.00	45.10 1.06 0.00	42.26 0.99 0.00	41.81 0.94 0.00	40.00 0.86 0.00	41.29 0.89 0.00	43.13 0.97 0.00	42.22 0.91 0.00	46.79 1.14 0.00	50.58 1.28 0.00	53.26 1.35 0.00	57.38 1.40 0.00	60.43 1.70 0.00	57.24 1.56 0.00	55.44 1.56 0.00	63.64 1.79 0.00	71.05 2.14 0.00	71.62 2.42 0.00	62.72 1.89 0.00	52.86 1.54 0.00	48.04 1.35 0.00	44.68 1.22 0.00	43.60 1.19 0.00
ROSETON___1 23587	53.01 1.94 0.00	49.26 1.62 0.00	45.62 1.58 0.00	42.79 1.53 0.00	42.46 1.59 0.00	40.67 1.53 0.00	41.97 1.57 0.00	43.89 1.73 0.00	43.30 1.98 0.00	47.98 2.33 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.22 3.25 0.00	62.07 3.35 0.00	58.74 3.06 0.00	56.84 2.96 0.00	65.43 3.59 0.00	72.77 3.86 0.00	73.14 3.94 0.00	64.36 3.53 0.00	54.09 2.77 0.00	49.30 2.61 0.00	45.68 2.22 0.00	44.53 2.12 0.00
ROSETON___2 23588	53.01 1.94 0.00	49.26 1.62 0.00	45.62 1.58 0.00	42.79 1.53 0.00	42.46 1.59 0.00	40.67 1.53 0.00	41.97 1.57 0.00	43.89 1.73 0.00	43.30 1.98 0.00	47.98 2.33 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.22 3.25 0.00	62.07 3.35 0.00	58.74 3.06 0.00	56.84 2.96 0.00	65.43 3.59 0.00	72.77 3.86 0.00	73.14 3.94 0.00	64.36 3.53 0.00	54.09 2.77 0.00	49.30 2.61 0.00	45.68 2.22 0.00	44.53 2.12 0.00
ROTRRDAM_115KV_TB3 80664	52.65 1.58 0.00	49.07 1.43 0.00	45.41 1.37 0.00	42.51 1.24 0.00	42.18 1.31 0.00	40.40 1.25 0.00	41.65 1.25 0.00	43.51 1.35 0.00	42.72 1.40 0.00	47.34 1.69 0.00	51.17 1.87 0.00	53.88 1.97 0.00	58.16 2.18 0.00	61.02 2.29 0.00	57.80 2.12 0.00	55.98 2.10 0.00	64.32 2.47 0.00	71.54 2.62 0.00	71.82 2.63 0.00	63.15 2.31 0.00	53.17 1.85 0.00	48.37 1.68 0.00	44.98 1.52 0.00	43.94 1.53 0.00
RUSSELL___1 23602	49.79 -1.28 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.81 -1.06 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.23 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.76 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.78 -0.64 0.00
RUSSELL___2 23532	49.79 -1.28 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.81 -1.06 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.23 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.76 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.78 -0.64 0.00
RUSSELL___3 23549	49.79 -1.28 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.81 -1.06 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.23 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.76 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.78 -0.64 0.00
RUSSELL___4 23556	49.79 -1.28 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.81 -1.06 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.23 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.76 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.78 -0.64 0.00
RUSSELL___STATION 23914	49.79 -1.28 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.81 -1.06 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.23 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.76 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.78 -0.64 0.00
S SALMON___HYD 24043	50.25 -0.82 0.00	46.93 -0.71 0.00	43.29 -0.75 0.00	40.61 -0.66 0.00	40.22 -0.66 0.00	38.44 -0.70 0.00	39.67 -0.73 0.00	41.40 -0.76 0.00	40.40 -0.91 0.00	44.55 -1.10 0.00	48.26 -1.04 0.00	50.82 -1.09 0.00	54.69 -1.29 0.00	57.44 -1.29 0.00	54.51 -1.17 0.00	52.80 -1.08 0.00	60.55 -1.30 0.00	67.68 -1.24 0.00	68.09 -1.11 0.00	59.80 -1.03 0.00	50.45 -0.87 0.00	45.94 -0.75 0.00	42.76 -0.70 0.00	41.73 -0.68 0.00
S.PERRY__115KV_TB1 80734	50.50 -0.56 0.00	47.07 -0.57 0.00	43.42 -0.62 0.00	40.65 -0.62 0.00	40.22 -0.65 0.00	38.71 -0.43 0.00	40.36 -0.04 0.00	42.20 0.04 0.00	40.40 -0.91 0.00	44.46 -1.19 0.00	47.77 -1.53 0.00	50.04 -1.87 0.00	53.40 -2.57 0.00	56.14 -2.58 0.00	53.45 -2.23 0.00	51.88 -1.99 0.00	59.87 -1.98 0.00	67.61 -1.31 0.00	68.36 -0.83 0.00	60.04 -0.79 0.00	51.01 -0.31 0.00	46.22 -0.47 0.00	43.72 0.26 0.00	42.41 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	48.31 -2.76 0.00	45.26 -2.38 0.00	41.75 -2.29 0.00	39.12 -2.15 0.00	38.71 -2.17 0.00	36.99 -2.15 0.00	38.38 -2.02 0.00	39.88 -2.28 0.00	38.17 -3.14 0.00	42.00 -3.65 0.00	45.25 -4.04 0.00	47.44 -4.46 0.00	50.44 -5.54 0.00	52.85 -5.87 0.00	50.33 -5.35 0.00	48.76 -5.12 0.00	55.73 -6.12 0.00	62.58 -6.34 0.00	63.11 -6.09 0.00	55.54 -5.29 0.00	47.22 -4.11 0.00	43.00 -3.69 0.00	41.29 -2.17 0.00	40.38 -2.04 0.00

SAWYER___23_KV_LOAD 55526	48.31 -2.76 0.00	45.26 -2.38 0.00	41.75 -2.29 0.00	39.12 -2.15 0.00	38.71 -2.17 0.00	36.99 -2.15 0.00	38.38 -2.02 0.00	39.88 -2.28 0.00	38.17 -3.14 0.00	42.00 -3.65 0.00	45.25 -4.04 0.00	47.44 -4.46 0.00	50.44 -5.54 0.00	52.85 -5.87 0.00	50.33 -5.35 0.00	48.76 -5.12 0.00	55.73 -6.12 0.00	62.58 -6.34 0.00	63.11 -6.09 0.00	55.54 -5.29 0.00	47.22 -4.11 0.00	43.00 -3.69 0.00	41.29 -2.17 0.00	40.38 -2.04 0.00
SELKIRK___I 23801	52.75 1.68 0.00	49.21 1.57 0.00	45.58 1.54 0.00	42.67 1.40 0.00	42.38 1.51 0.00	40.51 1.37 0.00	41.73 1.33 0.00	43.60 1.43 0.00	42.84 1.53 0.00	47.43 1.78 0.00	51.27 1.97 0.00	53.93 2.02 0.00	58.22 2.24 0.00	61.02 2.29 0.00	57.80 2.12 0.00	55.98 2.10 0.00	64.32 2.48 0.00	71.47 2.55 0.00	71.76 2.56 0.00	63.21 2.37 0.00	53.27 1.95 0.00	48.46 1.77 0.00	45.07 1.61 0.00	44.07 1.65 0.00
SELKIRK___II 23799	52.34 1.28 0.00	48.84 1.19 0.00	45.23 1.19 0.00	42.38 1.11 0.00	42.01 1.14 0.00	40.20 1.06 0.00	41.45 1.05 0.00	43.30 1.14 0.00	42.55 1.24 0.00	47.16 1.50 0.00	50.92 1.62 0.00	53.62 1.71 0.00	57.88 1.90 0.00	60.66 1.94 0.00	57.46 1.78 0.00	55.60 1.72 0.00	63.89 2.04 0.00	70.98 2.07 0.00	71.27 2.07 0.00	62.78 1.95 0.00	52.92 1.59 0.00	48.18 1.49 0.00	44.81 1.35 0.00	43.81 1.40 0.00
SENECA OSWGO___HYD 24041	49.69 -1.38 0.00	46.45 -1.19 0.00	42.94 -1.10 0.00	40.28 -0.99 0.00	39.89 -0.98 0.00	38.28 -0.86 0.00	39.59 -0.81 0.00	41.32 -0.84 0.00	40.32 -0.99 0.00	44.46 -1.19 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	54.35 -1.63 0.00	57.02 -1.70 0.00	54.06 -1.62 0.00	52.31 -1.56 0.00	60.05 -1.80 0.00	67.06 -1.86 0.00	67.33 -1.87 0.00	59.25 -1.58 0.00	49.99 -1.33 0.00	45.48 -1.21 0.00	42.42 -1.04 0.00	41.31 -1.10 0.00
SENECA___115KV_TB3 355854	48.72 -2.35 0.00	45.60 -2.05 0.00	42.06 -1.98 0.00	39.37 -1.90 0.00	38.74 -2.13 0.00	37.15 -1.99 0.00	38.54 -1.86 0.00	40.05 -2.11 0.00	38.34 -2.97 0.00	42.18 -3.47 0.00	45.55 -3.75 0.00	47.71 -4.20 0.00	50.77 -5.20 0.00	53.15 -5.58 0.00	50.61 -5.07 0.00	49.08 -4.80 0.00	56.16 -5.69 0.00	63.06 -5.86 0.00	63.66 -5.54 0.00	55.97 -4.87 0.00	47.58 -3.74 0.00	43.28 -3.41 0.00	41.51 -1.95 0.00	40.89 -1.53 0.00
SENECA___ENERGY 23797	50.05 -1.02 0.00	46.74 -0.91 0.00	43.20 -0.84 0.00	40.48 -0.79 0.00	40.09 -0.78 0.00	38.56 -0.59 0.00	40.00 -0.40 0.00	41.78 -0.38 0.00	40.61 -0.70 0.00	44.83 -0.82 0.00	48.36 -0.94 0.00	50.92 -0.99 0.00	54.69 -1.29 0.00	57.38 -1.35 0.00	54.51 -1.17 0.00	52.69 -1.19 0.00	60.49 -1.36 0.00	67.74 -1.17 0.00	68.02 -1.18 0.00	59.80 -1.03 0.00	50.50 -0.82 0.00	45.90 -0.79 0.00	42.98 -0.48 0.00	41.86 -0.55 0.00
SHOEMAKER___GT 23640	52.65 1.58 0.00	48.98 1.33 0.00	45.36 1.32 0.00	42.55 1.28 0.00	42.22 1.35 0.00	40.39 1.25 0.00	41.73 1.33 0.00	43.64 1.47 0.00	42.97 1.65 0.00	47.57 1.92 0.00	51.37 2.07 0.00	54.09 2.18 0.00	58.61 2.63 0.00	61.55 2.82 0.00	58.24 2.56 0.00	56.41 2.53 0.00	65.00 3.15 0.00	72.29 3.38 0.00	72.72 3.53 0.00	63.94 3.10 0.00	53.79 2.46 0.00	48.98 2.29 0.00	45.37 1.91 0.00	44.24 1.82 0.00
SHOEMAKR_138KV_BK 111 55601	52.60 1.53 0.00	48.93 1.29 0.00	45.32 1.28 0.00	42.51 1.24 0.00	42.14 1.27 0.00	40.40 1.25 0.00	41.69 1.29 0.00	43.59 1.43 0.00	42.92 1.61 0.00	47.57 1.92 0.00	51.37 2.07 0.00	54.09 2.18 0.00	58.61 2.63 0.00	61.55 2.82 0.00	58.24 2.56 0.00	56.41 2.53 0.00	64.94 3.09 0.00	72.29 3.38 0.00	72.66 3.46 0.00	63.94 3.10 0.00	53.73 2.41 0.00	48.98 2.29 0.00	45.37 1.91 0.00	44.28 1.87 0.00
SHOREHAM_IC_1 23715	55.41 4.34 -0.01	51.32 3.67 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 0.00	45.04 3.72 -0.01	49.77 4.11 -0.01	72.87 4.44 -19.14	77.74 5.03 -20.80	82.72 5.82 -20.92	84.97 6.05 -20.19	84.65 5.12 -23.85	88.84 5.60 -29.35	98.10 6.68 -29.57	99.75 7.23 -23.60	89.95 7.41 -13.35	87.05 6.51 -19.70	78.26 5.03 -21.90	61.26 4.58 -9.99	54.85 3.95 -7.43	46.32 3.90 -0.01
SHOREHAM_IC_2 23716	55.42 4.34 -0.01	51.32 3.67 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.19 3.31 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.42 0.00	45.04 3.72 -0.01	49.77 4.11 -0.01	73.07 4.63 -19.14	77.74 5.04 -20.80	82.66 5.77 -20.92	84.97 6.05 -20.19	84.65 5.12 -23.85	88.84 5.60 -29.35	98.10 6.68 -29.57	99.76 7.24 -23.60	89.95 7.40 -13.35	87.04 6.51 -19.70	78.26 5.03 -21.90	61.26 4.58 -9.99	54.85 3.95 -7.43	46.37 3.94 -0.01
SISSONVILLE____ 23735	51.22 0.15 0.00	48.02 0.38 0.00	44.26 0.22 0.00	41.43 0.17 0.00	40.91 0.04 0.00	38.91 -0.23 0.00	40.00 -0.40 0.00	41.70 -0.46 0.00	40.90 -0.41 0.00	45.19 -0.46 0.00	49.00 -0.30 0.00	51.54 -0.36 0.00	55.53 -0.45 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.61 -0.27 0.00	61.04 -0.80 0.00	67.88 -1.03 0.00	68.02 -1.18 0.00	59.56 -1.28 0.00	50.66 -0.67 0.00	46.13 -0.56 0.00	43.11 -0.35 0.00	42.03 -0.38 0.00
SITHE_IND_GS1 24169	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.05 -1.10 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.94 -1.97 0.00	53.74 -2.24 0.00	56.38 -2.35 0.00	53.51 -2.17 0.00	51.78 -2.10 0.00	59.37 -2.48 0.00	66.30 -2.62 0.00	66.50 -2.70 0.00	58.52 -2.31 0.00	49.42 -1.90 0.00	44.96 -1.73 0.00	41.98 -1.48 0.00	40.93 -1.49 0.00
SITHE_IND_GS2 24170	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.05 -1.10 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.94 -1.97 0.00	53.74 -2.24 0.00	56.38 -2.35 0.00	53.51 -2.17 0.00	51.78 -2.10 0.00	59.37 -2.48 0.00	66.30 -2.62 0.00	66.50 -2.70 0.00	58.52 -2.31 0.00	49.42 -1.90 0.00	44.96 -1.73 0.00	41.98 -1.48 0.00	40.93 -1.49 0.00
SITHE_IND_GS3 24171	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.05 -1.10 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.94 -1.97 0.00	53.74 -2.24 0.00	56.38 -2.35 0.00	53.51 -2.17 0.00	51.78 -2.10 0.00	59.37 -2.48 0.00	66.30 -2.62 0.00	66.50 -2.70 0.00	58.52 -2.31 0.00	49.42 -1.90 0.00	44.96 -1.73 0.00	41.98 -1.48 0.00	40.93 -1.49 0.00
SITHE_IND_GS4 24172	49.38 -1.68 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.05 -1.10 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.94 -1.97 0.00	53.74 -2.24 0.00	56.38 -2.35 0.00	53.51 -2.17 0.00	51.78 -2.10 0.00	59.37 -2.48 0.00	66.30 -2.62 0.00	66.50 -2.70 0.00	58.52 -2.31 0.00	49.42 -1.90 0.00	44.96 -1.73 0.00	41.98 -1.48 0.00	40.93 -1.49 0.00

SITHE___BATAVIA 24024	49.64 -1.43 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.19 -1.07 0.00	39.60 -1.27 0.00	38.24 -0.90 0.00	39.71 -0.69 0.00	41.19 -0.97 0.00	39.33 -1.98 0.00	43.42 -2.24 0.00	46.78 -2.51 0.00	49.10 -2.80 0.00	52.17 -3.81 0.00	54.79 -3.93 0.00	52.17 -3.51 0.00	50.54 -3.34 0.00	57.89 -3.96 0.00	65.19 -3.72 0.00	65.81 -3.39 0.00	57.80 -3.04 0.00	49.17 -2.15 0.00	44.68 -2.01 0.00	42.68 -0.78 0.00	41.95 -0.47 0.00
SITHE___INDEPEND 23800	49.38 -1.69 0.00	46.17 -1.48 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.05 -1.10 0.00	39.31 -1.09 0.00	40.98 -1.18 0.00	39.99 -1.32 0.00	44.01 -1.64 0.00	47.42 -1.87 0.00	49.94 -1.97 0.00	53.74 -2.24 0.00	56.38 -2.35 0.00	53.51 -2.17 0.00	51.78 -2.10 0.00	59.37 -2.47 0.00	66.30 -2.62 0.00	66.50 -2.70 0.00	58.52 -2.31 0.00	49.42 -1.90 0.00	44.96 -1.73 0.00	41.98 -1.48 0.00	40.93 -1.48 0.00
SITHE___MASSENA 23902	51.58 0.51 0.00	48.22 0.57 0.00	44.48 0.44 0.00	41.64 0.37 0.00	41.16 0.29 0.00	39.30 0.16 0.00	40.48 0.08 0.00	42.20 0.04 0.00	41.40 0.08 0.00	45.74 0.09 0.00	49.49 0.20 0.00	52.12 0.21 0.00	56.03 0.06 0.00	58.85 0.12 0.00	55.96 0.28 0.00	54.15 0.27 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.65 -0.18 0.00	51.43 0.10 0.00	46.69 0.00 0.00	43.50 0.04 0.00	42.41 0.00 0.00
SITHE___OGDNSBRG 24021	52.24 1.17 0.00	48.88 1.24 0.00	45.05 1.01 0.00	42.13 0.87 0.00	41.61 0.74 0.00	39.69 0.55 0.00	40.80 0.40 0.00	42.54 0.38 0.00	41.64 0.33 0.00	45.83 0.18 0.00	49.59 0.30 0.00	52.22 0.31 0.00	56.20 0.22 0.00	58.96 0.23 0.00	56.18 0.50 0.00	54.47 0.59 0.00	62.41 0.56 0.00	69.74 0.83 0.00	70.16 0.97 0.00	61.38 0.55 0.00	52.09 0.77 0.00	47.30 0.61 0.00	44.03 0.56 0.00	42.96 0.55 0.00
SITHE___STERLING 23777	52.09 1.02 0.00	48.55 0.90 0.00	44.83 0.79 0.00	42.05 0.78 0.00	41.61 0.74 0.00	39.85 0.71 0.00	41.17 0.77 0.00	43.00 0.84 0.00	42.10 0.78 0.00	46.56 0.91 0.00	50.33 1.04 0.00	52.95 1.04 0.00	57.10 1.12 0.00	60.02 1.29 0.00	56.90 1.22 0.00	55.06 1.18 0.00	63.21 1.36 0.00	70.57 1.65 0.00	71.06 1.87 0.00	62.29 1.46 0.00	52.50 1.18 0.00	47.76 1.07 0.00	44.42 0.95 0.00	43.34 0.93 0.00
SLEIGHT__34_KV_TB1 80719	49.64 -1.43 0.00	46.31 -1.33 0.00	42.81 -1.23 0.00	40.11 -1.16 0.00	39.77 -1.10 0.00	38.24 -0.90 0.00	39.71 -0.69 0.00	41.53 -0.63 0.00	40.24 -1.07 0.00	44.51 -1.14 0.00	48.06 -1.23 0.00	50.56 -1.35 0.00	54.13 -1.85 0.00	56.85 -1.88 0.00	54.01 -1.67 0.00	52.21 -1.67 0.00	59.87 -1.98 0.00	66.99 -1.93 0.00	67.33 -1.87 0.00	59.13 -1.70 0.00	50.09 -1.23 0.00	45.52 -1.17 0.00	42.77 -0.70 0.00	41.56 -0.85 0.00
SMITHTWN_69_KV_BK 1 55830	55.01 3.93 -0.01	51.04 3.38 -0.01	47.26 3.21 -0.01	44.33 3.05 -0.01	43.99 3.11 -0.01	42.20 3.05 0.00	43.39 2.99 0.00	45.50 3.33 -0.01	44.92 3.59 -0.01	49.68 4.02 -0.01	73.07 4.49 -19.29	77.69 4.83 -20.96	82.66 5.60 -21.08	84.95 5.87 -20.35	85.06 5.35 -24.04	88.96 5.50 -29.58	98.20 6.56 -29.80	99.80 7.10 -23.79	89.92 7.27 -13.46	87.07 6.39 -19.85	78.32 4.93 -22.07	61.29 4.53 -10.07	54.86 3.91 -7.49	46.28 3.86 -0.01
SOUTH CAIRO___GT 23612	54.08 3.01 0.00	50.41 2.76 0.00	46.81 2.77 0.00	43.74 2.48 0.00	43.45 2.57 0.00	41.49 2.35 0.00	42.74 2.34 0.00	44.61 2.45 0.00	43.79 2.48 0.00	48.48 2.83 0.00	52.11 2.81 0.00	54.61 2.70 0.00	59.06 3.08 0.00	62.02 3.29 0.00	59.02 3.34 0.00	57.43 3.56 0.00	66.49 4.64 0.00	73.95 5.03 0.00	74.32 5.12 0.00	65.34 4.50 0.00	54.86 3.54 0.00	49.91 3.22 0.00	46.29 2.82 0.00	45.08 2.67 0.00
SOUTH HAMPTN___IC 23720	55.98 4.90 -0.01	51.85 4.19 -0.01	48.01 3.97 -0.01	44.99 3.72 -0.01	44.77 3.88 -0.01	42.70 3.56 0.00	43.71 3.31 0.00	45.71 3.54 -0.01	45.12 3.80 -0.01	49.86 4.20 -0.01	73.03 4.63 -19.10	77.90 5.24 -20.75	82.90 6.05 -20.87	85.16 6.29 -20.15	84.88 5.40 -23.80	88.94 5.77 -29.29	98.10 6.74 -29.51	99.77 7.30 -23.55	89.99 7.48 -13.32	87.07 6.57 -19.66	78.21 5.03 -21.86	61.24 4.58 -9.97	54.83 3.95 -7.42	46.41 3.99 -0.01
SOUTHDOW_115KV_TB1 355954	48.62 -2.45 0.00	45.31 -2.33 0.00	41.62 -2.42 0.00	38.96 -2.31 0.00	38.42 -2.45 0.00	36.48 -2.66 0.00	37.77 -2.63 0.00	39.42 -2.74 0.00	37.80 -3.51 0.00	41.63 -4.02 0.00	44.96 -4.34 0.00	47.13 -4.78 0.00	50.21 -5.77 0.00	52.50 -6.23 0.00	49.94 -5.74 0.00	48.49 -5.39 0.00	55.66 -6.18 0.00	63.82 -5.10 0.00	64.63 -4.57 0.00	55.73 -5.11 0.00	47.32 -4.00 0.00	43.00 -3.69 0.00	41.20 -2.26 0.00	40.29 -2.12 0.00
SOUTHOLD_69_KV_BK 2 55809	56.74 5.67 -0.01	52.56 4.91 -0.01	48.67 4.62 -0.01	45.53 4.25 -0.01	45.01 4.13 -0.01	43.02 3.88 0.00	43.79 3.39 0.00	45.71 3.54 -0.01	45.04 3.72 -0.01	49.86 4.20 -0.01	73.33 4.93 -19.10	77.96 5.29 -20.76	82.90 6.05 -20.88	85.16 6.28 -20.15	84.94 5.46 -23.80	88.88 5.71 -29.30	97.98 6.62 -29.51	99.64 7.17 -23.56	89.79 7.27 -13.32	86.88 6.39 -19.66	77.96 4.77 -21.86	60.96 4.30 -9.97	54.57 3.69 -7.42	46.41 3.99 -0.01
SOUTHOLD___IC 23719	56.74 5.67 -0.01	52.56 4.91 -0.01	48.67 4.62 -0.01	45.53 4.25 -0.01	45.21 4.33 -0.01	43.02 3.88 0.00	43.79 3.39 0.00	45.71 3.54 -0.01	45.04 3.72 -0.01	49.86 4.20 -0.01	73.08 4.69 -19.10	77.96 5.30 -20.76	82.90 6.05 -20.88	85.16 6.29 -20.15	84.94 5.46 -23.80	88.88 5.71 -29.30	97.98 6.62 -29.51	99.64 7.17 -23.56	89.78 7.26 -13.32	86.88 6.39 -19.66	77.96 4.77 -21.86	60.95 4.29 -9.97	54.57 3.69 -7.42	46.32 3.90 -0.01
SOUTH_FORK_WT_PWR 323839	56.89 5.82 -0.01	52.65 5.00 -0.01	48.76 4.71 -0.01	45.57 4.29 -0.01	45.21 4.33 -0.01	42.90 3.76 0.00	43.51 3.11 0.00	45.33 3.16 -0.01	44.55 3.22 -0.01	49.31 3.65 -0.01	72.54 4.14 -19.10	77.39 4.72 -20.75	82.28 5.43 -20.88	84.46 5.58 -20.15	84.27 4.79 -23.80	88.23 5.06 -29.29	97.17 5.81 -29.51	98.74 6.27 -23.56	88.82 6.30 -13.32	86.03 5.54 -19.66	77.24 4.05 -21.86	60.30 3.64 -9.97	53.92 3.04 -7.42	45.90 3.48 -0.01
SPIERFLS_115KV_TB 1 80737	54.54 3.47 0.00	50.93 3.29 0.00	46.95 2.91 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.84 2.70 0.00	43.11 2.71 0.00	45.15 2.99 0.00	44.41 3.10 0.00	49.53 3.88 0.00	53.73 4.44 0.00	56.48 4.57 0.00	60.74 4.76 0.00	63.72 4.99 0.00	60.30 4.62 0.00	58.46 4.58 0.00	67.23 5.38 0.00	74.29 5.38 0.00	74.59 5.40 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.05 3.36 0.00	46.55 3.09 0.00	45.55 3.14 0.00
ST LAWRENCE____ 23600	50.96 -0.10 0.00	47.60 -0.05 0.00	43.95 -0.09 0.00	41.10 -0.16 0.00	40.67 -0.20 0.00	38.91 -0.23 0.00	40.08 -0.32 0.00	41.74 -0.42 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.23 -0.62 0.00	68.23 -0.69 0.00	68.44 -0.76 0.00	60.11 -0.73 0.00	50.81 -0.51 0.00	46.13 -0.56 0.00	42.94 -0.52 0.00	41.86 -0.55 0.00

STATE_CA_115KV_115_LB 55624	52.75 1.69 0.00	49.22 1.57 0.00	45.63 1.59 0.00	42.71 1.44 0.00	42.38 1.51 0.00	40.55 1.41 0.00	41.73 1.33 0.00	43.64 1.48 0.00	42.97 1.65 0.00	47.66 2.01 0.00	51.56 2.27 0.00	54.24 2.34 0.00	58.44 2.46 0.00	61.31 2.58 0.00	58.07 2.39 0.00	56.25 2.37 0.00	64.57 2.72 0.00	71.60 2.69 0.00	71.82 2.63 0.00	63.33 2.49 0.00	53.43 2.10 0.00	48.60 1.91 0.00	45.20 1.74 0.00	44.24 1.82 0.00
STATE_ST_34_KV_LOAD 55959	50.61 -0.46 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.94 -0.33 0.00	40.59 -0.29 0.00	38.95 -0.20 0.00	40.40 0.00 0.00	42.20 0.04 0.00	41.11 -0.21 0.00	45.38 -0.27 0.00	48.95 -0.35 0.00	51.49 -0.42 0.00	55.36 -0.62 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.39 -0.48 0.00	61.42 -0.43 0.00	68.71 -0.21 0.00	69.06 -0.14 0.00	60.71 -0.12 0.00	51.22 -0.10 0.00	46.50 -0.19 0.00	43.42 -0.04 0.00	42.24 -0.17 0.00
STATION_5_MISC_HYD 23604	49.58 -1.48 0.00	46.31 -1.33 0.00	42.76 -1.28 0.00	40.11 -1.16 0.00	39.60 -1.27 0.00	38.20 -0.94 0.00	39.67 -0.73 0.00	41.44 -0.72 0.00	39.95 -1.36 0.00	44.19 -1.46 0.00	47.72 -1.58 0.00	50.20 -1.71 0.00	53.63 -2.35 0.00	56.32 -2.41 0.00	53.56 -2.12 0.00	51.78 -2.10 0.00	59.25 -2.60 0.00	66.50 -2.41 0.00	66.84 -2.35 0.00	58.70 -2.13 0.00	49.83 -1.49 0.00	45.29 -1.40 0.00	42.85 -0.61 0.00	41.78 -0.64 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.74 -1.33 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.85 -1.02 0.00	38.36 -0.78 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.28 -1.03 0.00	44.60 -1.05 0.00	48.11 -1.18 0.00	50.66 -1.25 0.00	54.19 -1.79 0.00	56.91 -1.82 0.00	54.07 -1.61 0.00	52.26 -1.62 0.00	59.93 -1.92 0.00	67.12 -1.79 0.00	67.40 -1.80 0.00	59.25 -1.58 0.00	50.19 -1.13 0.00	45.57 -1.12 0.00	42.90 -0.56 0.00	41.65 -0.76 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.33 -1.74 0.00	46.02 -1.62 0.00	42.54 -1.50 0.00	39.86 -1.40 0.00	39.48 -1.39 0.00	38.01 -1.14 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	39.78 -1.53 0.00	44.01 -1.64 0.00	47.52 -1.77 0.00	49.99 -1.92 0.00	53.40 -2.57 0.00	56.08 -2.64 0.00	53.34 -2.34 0.00	51.56 -2.32 0.00	59.07 -2.78 0.00	66.16 -2.76 0.00	66.50 -2.70 0.00	58.46 -2.37 0.00	49.58 -1.74 0.00	45.06 -1.63 0.00	42.59 -0.87 0.00	41.35 -1.06 0.00
STA_56___34_KV_BUS2 355983	49.33 -1.74 0.00	46.02 -1.62 0.00	42.54 -1.50 0.00	39.86 -1.40 0.00	39.48 -1.39 0.00	38.01 -1.14 0.00	39.47 -0.93 0.00	41.23 -0.93 0.00	39.78 -1.53 0.00	44.01 -1.64 0.00	47.52 -1.77 0.00	49.99 -1.92 0.00	53.40 -2.57 0.00	56.08 -2.64 0.00	53.34 -2.34 0.00	51.56 -2.32 0.00	59.07 -2.78 0.00	66.16 -2.76 0.00	66.50 -2.70 0.00	58.46 -2.37 0.00	49.58 -1.74 0.00	45.06 -1.63 0.00	42.59 -0.87 0.00	41.35 -1.06 0.00
STA_67___115KV_BK2 355882	49.48 -1.58 0.00	46.21 -1.43 0.00	42.72 -1.32 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.12 -1.02 0.00	39.63 -0.77 0.00	41.36 -0.80 0.00	39.87 -1.45 0.00	44.10 -1.55 0.00	47.57 -1.73 0.00	50.09 -1.82 0.00	53.46 -2.52 0.00	56.14 -2.58 0.00	53.40 -2.28 0.00	51.67 -2.21 0.00	59.13 -2.72 0.00	66.30 -2.62 0.00	66.64 -2.56 0.00	58.58 -2.25 0.00	49.73 -1.59 0.00	45.20 -1.49 0.00	42.77 -0.70 0.00	41.52 -0.89 0.00
STA_7___115KV_9TRANS 80674	49.79 -1.28 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.24 -1.03 0.00	39.81 -1.06 0.00	38.32 -0.82 0.00	39.84 -0.57 0.00	41.61 -0.55 0.00	40.11 -1.20 0.00	44.42 -1.23 0.00	47.97 -1.33 0.00	50.51 -1.40 0.00	53.91 -2.07 0.00	56.67 -2.06 0.00	53.90 -1.78 0.00	52.10 -1.78 0.00	59.62 -2.23 0.00	66.92 -2.00 0.00	67.26 -1.94 0.00	59.07 -1.76 0.00	50.14 -1.18 0.00	45.57 -1.12 0.00	43.07 -0.39 0.00	41.78 -0.64 0.00
STA_82___115KV_TB1 80780	49.48 -1.58 0.00	46.21 -1.43 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.60 -1.27 0.00	38.12 -1.02 0.00	39.59 -0.81 0.00	41.32 -0.84 0.00	39.87 -1.45 0.00	44.05 -1.60 0.00	47.57 -1.73 0.00	50.04 -1.87 0.00	53.40 -2.57 0.00	56.08 -2.64 0.00	53.34 -2.34 0.00	51.62 -2.26 0.00	59.07 -2.78 0.00	66.23 -2.69 0.00	66.57 -2.63 0.00	58.52 -2.31 0.00	49.68 -1.64 0.00	45.15 -1.54 0.00	42.72 -0.74 0.00	41.48 -0.93 0.00
STEEL___WIND 323596	48.67 -2.40 0.00	45.55 -2.10 0.00	42.01 -2.03 0.00	39.33 -1.94 0.00	38.66 -2.21 0.00	37.11 -2.04 0.00	38.46 -1.94 0.00	40.01 -2.15 0.00	38.30 -3.01 0.00	42.14 -3.51 0.00	45.45 -3.85 0.00	47.65 -4.26 0.00	50.66 -5.32 0.00	53.09 -5.64 0.00	50.50 -5.18 0.00	48.98 -4.90 0.00	56.03 -5.82 0.00	62.99 -5.93 0.00	63.52 -5.67 0.00	55.85 -4.99 0.00	47.47 -3.85 0.00	43.24 -3.45 0.00	41.46 -2.00 0.00	40.80 -1.61 0.00
STEPHTWN_115KV_BK_2 55603	52.96 1.89 0.00	49.45 1.81 0.00	45.80 1.76 0.00	42.88 1.61 0.00	42.59 1.72 0.00	40.71 1.57 0.00	41.94 1.54 0.00	43.85 1.69 0.00	43.17 1.86 0.00	47.93 2.28 0.00	51.81 2.51 0.00	54.50 2.60 0.00	58.72 2.74 0.00	61.55 2.82 0.00	58.35 2.67 0.00	56.46 2.59 0.00	64.88 3.03 0.00	72.02 3.10 0.00	72.24 3.04 0.00	63.70 2.86 0.00	53.68 2.36 0.00	48.84 2.15 0.00	45.37 1.91 0.00	44.41 1.99 0.00
STEBEN_REC_LFGE 323667	48.41 -2.66 0.00	45.02 -2.62 0.00	41.35 -2.69 0.00	38.58 -2.68 0.00	38.13 -2.74 0.00	36.44 -2.70 0.00	37.94 -2.46 0.00	39.63 -2.53 0.00	38.17 -3.14 0.00	42.04 -3.61 0.00	45.30 -3.99 0.00	47.50 -4.41 0.00	50.77 -5.21 0.00	53.38 -5.34 0.00	50.72 -4.96 0.00	49.19 -4.69 0.00	56.78 -5.07 0.00	63.82 -5.10 0.00	64.35 -4.84 0.00	56.58 -4.26 0.00	47.94 -3.39 0.00	43.47 -3.22 0.00	41.16 -2.30 0.00	40.12 -2.29 0.00
STILLWATER___SOLAR 323814	53.87 2.81 0.00	50.31 2.67 0.00	46.46 2.42 0.00	43.49 2.23 0.00	43.20 2.33 0.00	41.33 2.19 0.00	42.62 2.22 0.00	44.56 2.40 0.00	43.83 2.52 0.00	48.71 3.06 0.00	52.75 3.45 0.00	55.49 3.58 0.00	59.84 3.86 0.00	62.72 4.00 0.00	59.41 3.73 0.00	57.54 3.67 0.00	66.18 4.33 0.00	73.39 4.48 0.00	73.63 4.43 0.00	64.73 3.90 0.00	54.45 3.13 0.00	49.49 2.80 0.00	46.02 2.56 0.00	45.00 2.59 0.00
STONY___BROOK 24151	54.95 3.88 -0.01	50.99 3.33 -0.01	47.22 3.17 -0.01	44.33 3.05 -0.01	44.11 3.23 -0.01	42.20 3.06 0.00	43.35 2.95 0.00	45.46 3.29 -0.01	44.87 3.55 -0.01	49.63 3.97 -0.01	72.76 4.24 -19.23	77.57 4.77 -20.89	82.59 5.60 -21.01	84.88 5.87 -20.28	84.87 5.23 -23.96	88.81 5.44 -29.49	98.04 6.49 -29.70	99.66 7.03 -23.71	89.80 7.20 -13.41	86.95 6.33 -19.79	78.15 4.82 -22.00	61.21 4.48 -10.04	54.79 3.87 -7.47	46.15 3.73 -0.01
STURGEON_POOL_HYD 23609	53.21 2.14 0.00	49.41 1.76 0.00	45.80 1.76 0.00	42.92 1.65 0.00	42.59 1.72 0.00	40.79 1.64 0.00	42.10 1.70 0.00	43.97 1.81 0.00	43.38 2.07 0.00	48.12 2.47 0.00	51.86 2.56 0.00	54.61 2.70 0.00	59.34 3.36 0.00	62.31 3.58 0.00	58.91 3.23 0.00	57.06 3.18 0.00	65.81 3.96 0.00	73.19 4.27 0.00	73.62 4.43 0.00	64.73 3.89 0.00	54.30 2.98 0.00	49.49 2.80 0.00	45.81 2.35 0.00	44.70 2.29 0.00

ST_LAW_115_BK7_LBMP 345037	50.96 -0.10 0.00	47.60 -0.05 0.00	43.95 -0.09 0.00	41.14 -0.12 0.00	40.67 -0.20 0.00	38.87 -0.27 0.00	40.04 -0.36 0.00	41.74 -0.42 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.90 -0.40 0.00	51.49 -0.42 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.23 -0.62 0.00	68.23 -0.69 0.00	68.44 -0.76 0.00	60.11 -0.73 0.00	50.81 -0.51 0.00	46.13 -0.56 0.00	42.94 -0.52 0.00	41.86 -0.55 0.00
ST_LAW_115_BK8_LBMP 345038	50.96 -0.10 0.00	47.60 -0.05 0.00	43.95 -0.09 0.00	41.14 -0.12 0.00	40.67 -0.20 0.00	38.87 -0.27 0.00	40.04 -0.36 0.00	41.74 -0.42 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.90 -0.40 0.00	51.49 -0.42 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.23 -0.62 0.00	68.23 -0.69 0.00	68.44 -0.76 0.00	60.11 -0.73 0.00	50.81 -0.51 0.00	46.13 -0.56 0.00	42.94 -0.52 0.00	41.86 -0.55 0.00
ST_LAW_230_BK5_LBMP 345035	50.96 -0.10 0.00	47.60 -0.05 0.00	43.95 -0.09 0.00	41.10 -0.16 0.00	40.67 -0.20 0.00	38.91 -0.23 0.00	40.08 -0.32 0.00	41.74 -0.42 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.23 -0.62 0.00	68.23 -0.69 0.00	68.44 -0.76 0.00	60.11 -0.73 0.00	50.81 -0.51 0.00	46.13 -0.56 0.00	42.94 -0.52 0.00	41.86 -0.55 0.00
ST_LAW_230_BK6_LBMP 345036	50.96 -0.10 0.00	47.60 -0.05 0.00	43.95 -0.09 0.00	41.10 -0.16 0.00	40.67 -0.20 0.00	38.91 -0.23 0.00	40.08 -0.32 0.00	41.74 -0.42 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.42 -0.56 0.00	58.14 -0.59 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.23 -0.62 0.00	68.23 -0.69 0.00	68.44 -0.76 0.00	60.11 -0.73 0.00	50.81 -0.51 0.00	46.13 -0.56 0.00	42.94 -0.52 0.00	41.86 -0.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.80 1.74 0.00	49.07 1.43 0.00	45.45 1.41 0.00	42.63 1.36 0.00	42.30 1.43 0.00	40.51 1.37 0.00	41.86 1.45 0.00	43.76 1.60 0.00	43.13 1.82 0.00	47.84 2.19 0.00	51.66 2.37 0.00	54.45 2.54 0.00	59.06 3.08 0.00	61.96 3.23 0.00	58.63 2.95 0.00	56.73 2.86 0.00	65.37 3.53 0.00	72.71 3.79 0.00	73.07 3.87 0.00	64.30 3.47 0.00	54.04 2.72 0.00	49.21 2.52 0.00	45.59 2.13 0.00	44.45 2.04 0.00
SWANROAD_115KV_TB1 355699	48.10 -2.96 0.00	45.26 -2.38 0.00	41.79 -2.25 0.00	39.16 -2.10 0.00	38.75 -2.13 0.00	37.11 -2.04 0.00	38.38 -2.02 0.00	39.42 -2.74 0.00	37.55 -3.76 0.00	41.31 -4.34 0.00	44.51 -4.78 0.00	46.67 -5.24 0.00	49.54 -6.44 0.00	51.92 -6.81 0.00	49.44 -6.24 0.00	47.95 -5.93 0.00	54.74 -7.11 0.00	61.40 -7.51 0.00	61.93 -7.27 0.00	54.57 -6.27 0.00	46.40 -4.93 0.00	42.30 -4.39 0.00	40.68 -2.78 0.00	40.21 -2.21 0.00
SYNERGY___BIOGAS 323694	49.64 -1.43 0.00	46.45 -1.19 0.00	42.89 -1.15 0.00	40.19 -1.07 0.00	39.77 -1.10 0.00	38.24 -0.90 0.00	39.71 -0.69 0.00	41.19 -0.97 0.00	39.33 -1.98 0.00	43.41 -2.24 0.00	46.73 -2.56 0.00	49.10 -2.80 0.00	52.17 -3.81 0.00	54.79 -3.93 0.00	52.17 -3.51 0.00	50.54 -3.34 0.00	57.89 -3.96 0.00	65.19 -3.72 0.00	65.74 -3.46 0.00	57.79 -3.04 0.00	49.17 -2.16 0.00	44.68 -2.01 0.00	42.68 -0.78 0.00	41.69 -0.72 0.00
SYRACUSE___ENERGY_ST1 323597	50.45 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.02 -0.29 0.00	45.29 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.31 -0.67 0.00	58.08 -0.65 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	50.45 -0.61 0.00	47.17 -0.48 0.00	43.60 -0.44 0.00	40.90 -0.37 0.00	40.50 -0.37 0.00	38.87 -0.27 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	41.02 -0.29 0.00	45.29 -0.37 0.00	48.85 -0.44 0.00	51.44 -0.47 0.00	55.31 -0.67 0.00	58.08 -0.65 0.00	55.07 -0.61 0.00	53.29 -0.59 0.00	61.17 -0.68 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.29 -0.55 0.00	50.86 -0.46 0.00	46.27 -0.42 0.00	43.16 -0.30 0.00	42.03 -0.38 0.00
SYRACUSE___POWER 24017	50.40 -0.66 0.00	47.07 -0.57 0.00	43.51 -0.53 0.00	40.81 -0.45 0.00	40.42 -0.45 0.00	38.75 -0.39 0.00	40.16 -0.24 0.00	41.91 -0.25 0.00	40.90 -0.41 0.00	45.15 -0.50 0.00	48.70 -0.59 0.00	51.29 -0.62 0.00	55.19 -0.78 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.18 -0.70 0.00	61.04 -0.80 0.00	68.16 -0.76 0.00	68.43 -0.76 0.00	60.23 -0.61 0.00	50.81 -0.51 0.00	46.18 -0.51 0.00	43.07 -0.39 0.00	41.95 -0.47 0.00
TALLMAN__138KV_BK151 55660	52.96 1.89 0.00	49.22 1.57 0.00	45.58 1.54 0.00	42.79 1.53 0.00	42.42 1.55 0.00	40.67 1.53 0.00	41.90 1.49 0.00	43.85 1.69 0.00	43.25 1.94 0.00	47.98 2.33 0.00	51.81 2.51 0.00	54.61 2.70 0.00	59.22 3.25 0.00	62.19 3.46 0.00	58.80 3.12 0.00	56.90 3.02 0.00	65.50 3.65 0.00	72.91 4.00 0.00	73.28 4.08 0.00	64.49 3.65 0.00	54.20 2.87 0.00	49.40 2.71 0.00	45.72 2.26 0.00	44.62 2.21 0.00
TEALLAVE_115KV_TB7 355573	50.20 -0.87 0.00	46.93 -0.71 0.00	43.38 -0.66 0.00	40.65 -0.62 0.00	40.30 -0.57 0.00	38.63 -0.51 0.00	40.04 -0.36 0.00	41.78 -0.38 0.00	40.73 -0.58 0.00	44.97 -0.68 0.00	48.51 -0.79 0.00	51.08 -0.83 0.00	54.97 -1.01 0.00	57.67 -1.06 0.00	54.73 -0.95 0.00	52.91 -0.97 0.00	60.74 -1.11 0.00	67.81 -1.10 0.00	68.09 -1.11 0.00	59.86 -0.97 0.00	50.55 -0.77 0.00	45.94 -0.75 0.00	42.90 -0.56 0.00	41.78 -0.64 0.00
TELGRAPH_34_KV_EAST 80808	48.92 -2.14 0.00	45.88 -1.76 0.00	42.37 -1.67 0.00	39.70 -1.57 0.00	39.28 -1.59 0.00	37.66 -1.49 0.00	39.07 -1.33 0.00	40.39 -1.77 0.00	38.58 -2.73 0.00	42.50 -3.15 0.00	45.85 -3.45 0.00	48.12 -3.79 0.00	51.11 -4.87 0.00	53.56 -5.17 0.00	51.00 -4.68 0.00	49.46 -4.42 0.00	56.53 -5.32 0.00	63.54 -5.38 0.00	64.07 -5.12 0.00	56.39 -4.44 0.00	47.94 -3.39 0.00	43.65 -3.03 0.00	41.81 -1.65 0.00	40.97 -1.44 0.00
TEMPLE___115KV_TB 2 55572	50.20 -0.87 0.00	46.93 -0.71 0.00	43.38 -0.66 0.00	40.69 -0.58 0.00	40.30 -0.57 0.00	38.67 -0.47 0.00	40.04 -0.36 0.00	41.78 -0.38 0.00	40.78 -0.54 0.00	44.97 -0.68 0.00	48.56 -0.74 0.00	51.13 -0.78 0.00	54.97 -1.01 0.00	57.67 -1.06 0.00	54.73 -0.95 0.00	52.96 -0.92 0.00	60.80 -1.05 0.00	67.88 -1.03 0.00	68.09 -1.11 0.00	59.92 -0.91 0.00	50.55 -0.77 0.00	45.99 -0.70 0.00	42.90 -0.56 0.00	41.78 -0.64 0.00
TIANA____69_KV_BK 1 55817	55.77 4.70 -0.01	51.65 4.00 -0.01	47.88 3.83 -0.01	44.87 3.59 -0.01	44.44 3.56 -0.01	42.63 3.48 0.00	43.67 3.27 0.00	45.71 3.54 -0.01	45.12 3.80 -0.01	49.91 4.25 -0.01	73.28 4.88 -19.10	77.91 5.24 -20.76	82.90 6.05 -20.88	85.22 6.34 -20.15	84.94 5.46 -23.80	88.94 5.76 -29.29	98.22 6.87 -29.51	99.92 7.44 -23.56	90.06 7.54 -13.32	87.13 6.63 -19.66	78.26 5.08 -21.86	61.28 4.62 -9.97	54.92 4.04 -7.42	46.49 4.07 -0.01

TILDEN___115KV_TB1 80814	50.40 -0.66 0.00	47.07 -0.57 0.00	43.51 -0.53 0.00	40.81 -0.45 0.00	40.42 -0.45 0.00	38.75 -0.39 0.00	40.16 -0.24 0.00	41.91 -0.25 0.00	40.90 -0.41 0.00	45.15 -0.50 0.00	48.70 -0.59 0.00	51.29 -0.62 0.00	55.19 -0.78 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.18 -0.70 0.00	61.04 -0.80 0.00	68.16 -0.76 0.00	68.43 -0.76 0.00	60.23 -0.61 0.00	50.81 -0.51 0.00	46.18 -0.51 0.00	43.07 -0.39 0.00	41.95 -0.47 0.00
TRIGEN___CC 323695	54.10 3.01 -0.02	50.28 2.62 -0.02	46.61 2.55 -0.02	43.80 2.52 -0.02	43.42 2.53 -0.02	41.65 2.51 0.00	42.87 2.46 0.00	44.92 2.74 -0.02	44.30 2.97 -0.02	49.00 3.33 -0.02	86.85 3.50 -34.06	92.70 3.79 -37.00	97.67 4.48 -37.22	99.35 4.70 -35.92	102.40 4.29 -42.44	110.42 4.31 -52.23	119.59 5.13 -52.61	116.43 5.51 -42.00	98.63 5.67 -23.76	100.93 5.05 -35.05	94.15 3.85 -38.97	68.11 3.64 -17.78	59.86 3.17 -13.23	45.57 3.14 -0.02
TRINITY___115KV___4 BK 55933	52.55 1.48 0.00	49.03 1.38 0.00	45.41 1.37 0.00	42.55 1.28 0.00	42.22 1.35 0.00	40.40 1.25 0.00	41.57 1.17 0.00	43.47 1.31 0.00	42.76 1.45 0.00	47.43 1.78 0.00	51.27 1.97 0.00	53.93 2.02 0.00	58.16 2.18 0.00	60.96 2.23 0.00	57.80 2.12 0.00	55.93 2.05 0.00	64.26 2.41 0.00	71.26 2.34 0.00	71.55 2.35 0.00	63.09 2.25 0.00	53.17 1.85 0.00	48.42 1.73 0.00	44.98 1.52 0.00	44.07 1.65 0.00
UNION___PROCESSING_DRP 323587	49.48 -1.58 0.00	46.21 -1.43 0.00	42.67 -1.37 0.00	40.03 -1.24 0.00	39.65 -1.23 0.00	38.12 -1.02 0.00	39.59 -0.81 0.00	41.36 -0.80 0.00	39.87 -1.45 0.00	44.10 -1.55 0.00	47.57 -1.73 0.00	50.04 -1.87 0.00	53.46 -2.52 0.00	56.14 -2.58 0.00	53.40 -2.28 0.00	51.62 -2.26 0.00	59.07 -2.78 0.00	66.23 -2.69 0.00	66.57 -2.63 0.00	58.52 -2.31 0.00	49.68 -1.64 0.00	45.15 -1.54 0.00	42.72 -0.74 0.00	41.48 -0.93 0.00
UPPER HUDSON___HYD 24058	54.54 3.47 0.00	50.93 3.28 0.00	46.95 2.91 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.84 2.70 0.00	43.11 2.71 0.00	45.15 2.99 0.00	44.41 3.10 0.00	49.53 3.88 0.00	53.73 4.44 0.00	56.48 4.57 0.00	60.79 4.81 0.00	63.72 4.99 0.00	60.30 4.62 0.00	58.46 4.58 0.00	67.23 5.38 0.00	74.30 5.38 0.00	74.60 5.40 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.05 3.36 0.00	46.55 3.09 0.00	45.51 3.09 0.00
UPPER RAQUET___HYD 24056	51.22 0.15 0.00	48.02 0.38 0.00	44.26 0.22 0.00	41.43 0.17 0.00	40.91 0.04 0.00	38.91 -0.23 0.00	40.00 -0.40 0.00	41.70 -0.46 0.00	40.90 -0.41 0.00	45.19 -0.46 0.00	49.00 -0.29 0.00	51.55 -0.36 0.00	55.42 -0.56 0.00	58.26 -0.47 0.00	55.46 -0.22 0.00	53.61 -0.27 0.00	61.04 -0.81 0.00	67.88 -1.03 0.00	68.02 -1.18 0.00	59.56 -1.28 0.00	50.65 -0.67 0.00	46.13 -0.56 0.00	43.11 -0.35 0.00	42.03 -0.38 0.00
VALLEY44_115KV_TB2 355964	48.62 -2.45 0.00	45.40 -2.24 0.00	41.88 -2.16 0.00	39.20 -2.06 0.00	38.75 -2.13 0.00	36.99 -2.15 0.00	38.38 -2.02 0.00	40.01 -2.15 0.00	38.38 -2.93 0.00	42.23 -3.42 0.00	45.55 -3.75 0.00	47.76 -4.15 0.00	50.88 -5.09 0.00	53.32 -5.40 0.00	50.67 -5.01 0.00	49.14 -4.74 0.00	56.41 -5.44 0.00	63.47 -5.44 0.00	64.07 -5.12 0.00	56.33 -4.50 0.00	47.83 -3.49 0.00	43.56 -3.13 0.00	41.51 -1.96 0.00	40.59 -1.82 0.00
VALLEY___115KV_TB 1-4 80826	53.47 2.40 0.00	49.74 2.10 0.00	45.76 1.72 0.00	42.75 1.49 0.00	42.26 1.39 0.00	40.40 1.25 0.00	41.65 1.25 0.00	43.47 1.31 0.00	42.68 1.36 0.00	47.29 1.64 0.00	51.17 1.87 0.00	53.98 2.08 0.00	58.33 2.35 0.00	61.31 2.58 0.00	58.02 2.34 0.00	56.09 2.21 0.00	64.26 2.41 0.00	71.67 2.76 0.00	72.03 2.84 0.00	63.21 2.37 0.00	53.17 1.85 0.00	48.42 1.73 0.00	44.98 1.52 0.00	43.90 1.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.85 1.79 0.00	49.26 1.62 0.00	45.49 1.45 0.00	42.67 1.40 0.00	42.22 1.35 0.00	40.43 1.29 0.00	41.73 1.33 0.00	43.68 1.52 0.00	42.97 1.65 0.00	47.84 2.19 0.00	51.76 2.46 0.00	54.45 2.54 0.00	58.72 2.74 0.00	61.78 3.05 0.00	58.35 2.67 0.00	56.46 2.59 0.00	64.76 2.91 0.00	72.16 3.24 0.00	72.66 3.46 0.00	63.70 2.86 0.00	53.63 2.31 0.00	48.70 2.01 0.00	45.24 1.78 0.00	44.15 1.74 0.00
VISCHER___FERRY HYD 24020	53.26 2.19 0.00	49.64 2.00 0.00	45.93 1.89 0.00	43.00 1.73 0.00	42.67 1.80 0.00	40.86 1.72 0.00	42.14 1.74 0.00	44.01 1.85 0.00	43.30 1.98 0.00	48.02 2.37 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.00 3.02 0.00	61.84 3.11 0.00	58.57 2.89 0.00	56.73 2.85 0.00	65.19 3.34 0.00	72.43 3.51 0.00	72.72 3.53 0.00	64.00 3.16 0.00	53.84 2.51 0.00	49.02 2.33 0.00	45.55 2.09 0.00	44.53 2.12 0.00
V_A_10_SYNC_DSASP 323832	48.36 -2.71 0.00	45.21 -2.43 0.00	41.79 -2.25 0.00	39.16 -2.10 0.00	38.79 -2.08 0.00	37.19 -1.96 0.00	38.58 -1.82 0.00	40.18 -1.98 0.00	38.59 -2.73 0.00	42.50 -3.15 0.00	45.80 -3.50 0.00	48.07 -3.84 0.00	51.16 -4.81 0.00	53.68 -5.05 0.00	51.06 -4.62 0.00	49.46 -4.42 0.00	56.53 -5.32 0.00	63.33 -5.58 0.00	63.73 -5.47 0.00	56.15 -4.68 0.00	47.73 -3.59 0.00	43.47 -3.22 0.00	41.51 -1.96 0.00	40.46 -1.95 0.00
V_CMM_10_SYNC_DSASP 323787	51.17 0.10 0.00	47.83 0.19 0.00	44.13 0.09 0.00	41.31 0.04 0.00	40.83 -0.04 0.00	39.06 -0.08 0.00	40.24 -0.16 0.00	41.95 -0.21 0.00	41.15 -0.17 0.00	45.47 -0.18 0.00	49.15 -0.15 0.00	51.75 -0.16 0.00	55.75 -0.22 0.00	58.43 -0.29 0.00	55.57 -0.11 0.00	53.77 -0.11 0.00	61.60 -0.25 0.00	68.57 -0.34 0.00	68.78 -0.42 0.00	60.35 -0.49 0.00	51.12 -0.21 0.00	46.36 -0.33 0.00	43.16 -0.30 0.00	42.07 -0.34 0.00
V_CMP_10_SYNC_DSASP 323788	51.78 0.71 0.00	48.41 0.76 0.00	44.61 0.57 0.00	41.72 0.45 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.40 0.00 0.00	41.99 -0.17 0.00	41.11 -0.21 0.00	45.29 -0.37 0.00	48.95 -0.35 0.00	51.54 -0.36 0.00	55.53 -0.45 0.00	58.08 -0.65 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.29 -0.56 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.04 -0.79 0.00	50.86 -0.46 0.00	46.04 -0.65 0.00	42.77 -0.70 0.00	41.65 -0.76 0.00
V_D_10_SYNC_DSASP 323841	51.53 0.46 0.00	48.22 0.57 0.00	44.48 0.44 0.00	41.60 0.33 0.00	41.12 0.25 0.00	39.30 0.16 0.00	40.48 0.08 0.00	42.20 0.04 0.00	41.40 0.08 0.00	45.74 0.09 0.00	49.44 0.15 0.00	52.06 0.16 0.00	56.09 0.11 0.00	58.85 0.12 0.00	55.96 0.28 0.00	54.15 0.27 0.00	61.97 0.12 0.00	68.99 0.07 0.00	69.20 0.00 0.00	60.65 -0.18 0.00	51.43 0.10 0.00	46.69 0.00 0.00	43.46 0.00 0.00	42.41 0.00 0.00
V_E_10_SYNC_DSASP 323830	53.52 2.45 0.00	49.79 2.14 0.00	45.76 1.72 0.00	42.75 1.49 0.00	42.14 1.27 0.00	40.24 1.10 0.00	41.61 1.21 0.00	43.51 1.35 0.00	42.51 1.20 0.00	47.34 1.69 0.00	51.17 1.87 0.00	53.88 1.97 0.00	57.88 1.90 0.00	61.31 2.58 0.00	58.30 2.62 0.00	56.63 2.75 0.00	65.19 3.34 0.00	73.26 4.34 0.00	74.11 4.91 0.00	64.61 3.77 0.00	54.40 3.08 0.00	48.93 2.24 0.00	45.42 1.96 0.00	44.19 1.78 0.00

V_F_30_NSYNC___DSASP 323816	53.93 2.86 0.00	50.31 2.67 0.00	46.51 2.47 0.00	43.54 2.27 0.00	43.20 2.33 0.00	41.37 2.23 0.00	42.66 2.26 0.00	44.61 2.45 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.80 3.50 0.00	55.54 3.63 0.00	59.84 3.86 0.00	62.78 4.05 0.00	59.47 3.79 0.00	57.60 3.72 0.00	66.18 4.33 0.00	73.40 4.48 0.00	73.69 4.50 0.00	64.79 3.95 0.00	54.45 3.13 0.00	49.54 2.85 0.00	46.07 2.61 0.00	45.04 2.63 0.00
V_F_30_SYNC_DSASP 323786	52.75 1.69 0.00	49.22 1.57 0.00	45.63 1.59 0.00	42.71 1.44 0.00	42.38 1.51 0.00	40.55 1.41 0.00	41.73 1.33 0.00	43.64 1.48 0.00	42.92 1.61 0.00	47.66 2.01 0.00	51.51 2.22 0.00	54.24 2.34 0.00	58.44 2.46 0.00	61.31 2.58 0.00	58.07 2.39 0.00	56.19 2.32 0.00	64.57 2.72 0.00	71.60 2.69 0.00	71.82 2.63 0.00	63.33 2.49 0.00	53.38 2.05 0.00	48.60 1.91 0.00	45.20 1.74 0.00	44.24 1.82 0.00
V_XM_10_SYNC_DSASP 323789	51.78 0.71 0.00	48.41 0.76 0.00	44.61 0.57 0.00	41.72 0.45 0.00	41.20 0.33 0.00	39.34 0.20 0.00	40.40 0.00 0.00	41.99 -0.17 0.00	41.11 -0.21 0.00	45.29 -0.37 0.00	48.95 -0.35 0.00	51.54 -0.36 0.00	55.53 -0.45 0.00	58.08 -0.65 0.00	55.23 -0.45 0.00	53.45 -0.43 0.00	61.29 -0.56 0.00	68.30 -0.62 0.00	68.50 -0.69 0.00	60.04 -0.79 0.00	50.86 -0.46 0.00	46.04 -0.65 0.00	42.77 -0.70 0.00	41.65 -0.76 0.00
W.BABYLN_69_KV_BK1 56697	55.32 4.24 -0.01	51.37 3.72 -0.01	47.57 3.52 -0.01	44.66 3.38 -0.01	44.27 3.39 -0.01	42.47 3.33 0.00	43.67 3.27 0.00	45.80 3.63 -0.01	45.16 3.84 -0.01	50.00 4.34 -0.01	75.84 4.73 -21.81	80.74 5.14 -23.70	85.69 5.88 -23.83	87.96 6.23 -23.00	88.59 5.74 -27.17	93.09 5.76 -33.45	102.40 6.87 -33.69	103.32 7.51 -26.89	92.09 7.68 -15.21	90.09 6.81 -22.44	81.52 5.23 -24.96	62.93 4.86 -11.38	56.23 4.30 -8.47	46.66 4.24 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.26 2.20 0.00	49.45 1.81 0.00	45.85 1.81 0.00	43.00 1.73 0.00	42.67 1.80 0.00	40.86 1.72 0.00	42.18 1.78 0.00	44.10 1.94 0.00	43.54 2.23 0.00	48.30 2.65 0.00	52.16 2.86 0.00	54.97 3.06 0.00	59.67 3.69 0.00	62.60 3.88 0.00	59.24 3.56 0.00	57.33 3.45 0.00	66.05 4.21 0.00	73.46 4.55 0.00	73.83 4.64 0.00	64.97 4.14 0.00	54.56 3.23 0.00	49.72 3.03 0.00	46.03 2.56 0.00	44.87 2.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.57 2.50 0.00	49.64 2.00 0.00	46.02 1.98 0.00	43.21 1.94 0.00	42.87 2.00 0.00	41.10 1.96 0.00	42.38 1.98 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.66 3.01 0.00	52.60 3.30 0.00	55.49 3.58 0.00	60.29 4.31 0.00	63.25 4.52 0.00	59.74 4.06 0.00	57.81 3.93 0.00	66.61 4.76 0.00	74.02 5.10 0.00	74.38 5.19 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.14 3.46 0.00	46.37 2.91 0.00	45.30 2.88 0.00
W50THST__13_KV_LOAD 356117	53.72 2.66 0.00	49.84 2.19 0.00	46.20 2.16 0.00	43.37 2.10 0.00	43.04 2.17 0.00	41.22 2.07 0.00	42.54 2.14 0.00	44.52 2.36 0.00	44.08 2.77 0.00	48.89 3.24 0.00	52.80 3.50 0.00	55.70 3.79 0.00	60.57 4.59 0.00	63.60 4.87 0.00	60.02 4.34 0.00	58.03 4.15 0.00	66.92 5.07 0.00	74.36 5.44 0.00	74.73 5.54 0.00	65.82 4.99 0.00	55.17 3.85 0.00	50.33 3.64 0.00	46.55 3.09 0.00	45.47 3.05 0.00
WADING RIVER_IC_1 23522	55.41 4.34 -0.01	51.37 3.72 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 -0.01	45.04 3.72 -0.01	49.77 4.11 -0.01	72.87 4.49 -19.09	77.69 5.03 -20.74	82.72 5.88 -20.86	84.97 6.11 -20.14	84.59 5.12 -23.79	88.76 5.60 -29.28	98.02 6.68 -29.49	99.69 7.23 -23.54	89.92 7.41 -13.32	87.00 6.51 -19.65	78.20 5.03 -21.85	61.23 4.58 -9.97	54.83 3.95 -7.41	46.32 3.90 -0.01
WADING RIVER_IC_2 23547	55.41 4.34 -0.01	51.37 3.72 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 -0.01	45.04 3.72 -0.01	49.77 4.11 -0.01	72.87 4.49 -19.09	77.69 5.03 -20.74	82.72 5.88 -20.86	84.97 6.11 -20.14	84.59 5.12 -23.79	88.76 5.60 -29.28	98.02 6.68 -29.49	99.69 7.23 -23.54	89.92 7.41 -13.32	87.00 6.51 -19.65	78.20 5.03 -21.85	61.23 4.58 -9.97	54.83 3.95 -7.41	46.32 3.90 -0.01
WADING RIVER_IC_3 23601	55.41 4.34 -0.01	51.37 3.72 -0.01	47.57 3.52 -0.01	44.62 3.34 -0.01	44.43 3.55 -0.01	42.47 3.33 0.00	43.55 3.15 0.00	45.58 3.41 -0.01	45.04 3.72 -0.01	49.77 4.11 -0.01	72.87 4.49 -19.09	77.69 5.03 -20.74	82.72 5.88 -20.86	84.97 6.11 -20.14	84.59 5.12 -23.79	88.76 5.60 -29.28	98.02 6.68 -29.49	99.69 7.23 -23.54	89.92 7.41 -13.32	87.00 6.51 -19.65	78.20 5.03 -21.85	61.23 4.58 -9.97	54.83 3.95 -7.41	46.32 3.90 -0.01
WALDENNY_12_KV_BK2 80841	48.77 -2.30 0.00	45.64 -2.00 0.00	42.10 -1.94 0.00	39.41 -1.86 0.00	38.99 -1.88 0.00	37.22 -1.92 0.00	38.58 -1.82 0.00	40.05 -2.11 0.00	38.30 -3.02 0.00	42.18 -3.47 0.00	45.50 -3.80 0.00	47.70 -4.20 0.00	50.72 -5.26 0.00	53.15 -5.58 0.00	50.56 -5.12 0.00	49.03 -4.85 0.00	56.10 -5.75 0.00	62.99 -5.93 0.00	63.59 -5.60 0.00	55.91 -4.93 0.00	47.52 -3.80 0.00	43.28 -3.41 0.00	41.51 -1.96 0.00	40.67 -1.74 0.00
WALDEN___HYDRO 24148	53.11 2.04 0.00	49.36 1.72 0.00	45.76 1.72 0.00	42.88 1.61 0.00	42.55 1.68 0.00	40.75 1.60 0.00	42.06 1.66 0.00	43.97 1.81 0.00	43.38 2.07 0.00	48.12 2.47 0.00	51.91 2.61 0.00	54.66 2.75 0.00	59.34 3.36 0.00	62.25 3.52 0.00	58.97 3.29 0.00	57.06 3.18 0.00	65.74 3.90 0.00	73.19 4.27 0.00	73.55 4.36 0.00	64.67 3.83 0.00	54.35 3.03 0.00	49.49 2.80 0.00	45.81 2.35 0.00	44.66 2.25 0.00
WARRENSBURG____ 23737	54.54 3.47 0.00	50.93 3.29 0.00	46.95 2.91 0.00	43.91 2.64 0.00	43.57 2.70 0.00	41.84 2.70 0.00	43.11 2.71 0.00	45.15 2.99 0.00	44.41 3.10 0.00	49.53 3.88 0.00	53.73 4.44 0.00	56.48 4.57 0.00	60.74 4.76 0.00	63.72 4.99 0.00	60.30 4.62 0.00	58.46 4.58 0.00	67.23 5.38 0.00	74.29 5.38 0.00	74.59 5.40 0.00	65.52 4.68 0.00	54.97 3.64 0.00	50.05 3.36 0.00	46.55 3.09 0.00	45.55 3.14 0.00
WATERSIDE___6 8 9 23538	53.62 2.55 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.33 2.06 0.00	43.00 2.13 0.00	41.18 2.04 0.00	42.42 2.02 0.00	44.40 2.23 0.00	43.92 2.60 0.00	48.80 3.15 0.00	52.75 3.45 0.00	55.59 3.69 0.00	60.42 4.42 -0.02	63.38 4.64 -0.02	59.91 4.23 0.00	57.97 4.09 0.00	66.73 4.89 0.00	74.22 5.31 0.00	74.59 5.40 0.00	65.64 4.81 0.00	55.17 3.85 0.00	50.28 3.60 0.00	46.59 3.13 0.00	45.55 3.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	52.80 1.74 0.00	49.12 1.48 0.00	45.32 1.28 0.00	42.38 1.11 0.00	41.89 1.02 0.00	40.08 0.94 0.00	41.37 0.97 0.00	43.17 1.01 0.00	42.35 1.03 0.00	46.88 1.23 0.00	50.68 1.38 0.00	53.47 1.56 0.00	57.71 1.74 0.00	60.61 1.88 0.00	57.41 1.73 0.00	55.55 1.67 0.00	63.64 1.79 0.00	70.98 2.07 0.00	71.34 2.15 0.00	62.60 1.76 0.00	52.76 1.44 0.00	48.00 1.31 0.00	44.63 1.17 0.00	43.56 1.15 0.00

WDELAWARE___HYD 323627	53.52 2.45 0.00	49.74 2.09 0.00	46.11 2.07 0.00	43.21 1.94 0.00	42.87 2.00 0.00	41.02 1.88 0.00	42.38 1.98 0.00	44.27 2.11 0.00	43.62 2.31 0.00	48.44 2.79 0.00	52.20 2.91 0.00	54.92 3.01 0.00	59.61 3.64 0.00	62.60 3.88 0.00	59.30 3.62 0.00	57.43 3.56 0.00	66.30 4.46 0.00	73.81 4.89 0.00	74.24 5.05 0.00	65.27 4.44 0.00	54.76 3.44 0.00	49.87 3.18 0.00	46.11 2.65 0.00	44.87 2.46 0.00
WEST BABYLON___IC 23714	55.32 4.24 -0.01	51.37 3.72 -0.01	47.57 3.52 -0.01	44.66 3.38 -0.01	44.27 3.39 -0.01	42.47 3.33 0.00	43.67 3.27 0.00	45.80 3.63 -0.01	45.16 3.84 -0.01	50.00 4.34 -0.01	75.84 4.73 -21.81	80.74 5.14 -23.70	85.69 5.88 -23.83	87.96 6.23 -23.00	88.59 5.74 -27.17	93.09 5.76 -33.45	102.40 6.87 -33.69	103.32 7.51 -26.89	92.09 7.68 -15.21	90.09 6.81 -22.44	81.52 5.23 -24.96	62.93 4.86 -11.38	56.23 4.30 -8.47	46.66 4.24 -0.01
WEST CANADA___HYD 24049	51.32 0.26 0.00	47.88 0.24 0.00	44.22 0.18 0.00	41.43 0.17 0.00	41.04 0.16 0.00	39.30 0.16 0.00	40.56 0.16 0.00	42.33 0.17 0.00	41.52 0.21 0.00	45.88 0.23 0.00	49.54 0.25 0.00	52.22 0.31 0.00	56.32 0.34 0.00	59.08 0.35 0.00	56.02 0.34 0.00	54.20 0.33 0.00	62.22 0.37 0.00	69.26 0.35 0.00	69.61 0.42 0.00	61.20 0.37 0.00	51.58 0.26 0.00	46.97 0.28 0.00	43.68 0.22 0.00	42.67 0.26 0.00
WESTERN_NY_WIND 24143	49.59 -1.48 0.00	46.41 -1.24 0.00	42.85 -1.19 0.00	40.15 -1.11 0.00	39.73 -1.14 0.00	38.16 -0.98 0.00	39.63 -0.77 0.00	41.11 -1.05 0.00	39.25 -2.07 0.00	43.32 -2.33 0.00	46.63 -2.66 0.00	48.95 -2.96 0.00	52.00 -3.97 0.00	54.62 -4.11 0.00	52.01 -3.67 0.00	50.43 -3.45 0.00	57.77 -4.08 0.00	64.99 -3.93 0.00	65.60 -3.60 0.00	57.67 -3.16 0.00	49.06 -2.26 0.00	44.59 -2.10 0.00	42.59 -0.87 0.00	41.61 -0.81 0.00
WESTOVER___LESR 323668	50.66 -0.41 0.00	47.26 -0.38 0.00	43.64 -0.40 0.00	40.90 -0.37 0.00	40.54 -0.33 0.00	38.83 -0.31 0.00	40.24 -0.16 0.00	42.03 -0.13 0.00	40.94 -0.37 0.00	45.24 -0.41 0.00	48.80 -0.49 0.00	51.34 -0.57 0.00	55.19 -0.78 0.00	57.91 -0.82 0.00	54.96 -0.72 0.00	53.23 -0.65 0.00	61.17 -0.68 0.00	68.36 -0.55 0.00	68.64 -0.43 0.00	60.41 -0.31 0.00	51.01 -0.31 0.00	46.41 -0.28 0.00	43.37 -0.09 0.00	42.29 -0.13 0.00
WETHRSFD_WT_PWR 323626	48.10 -2.96 0.00	44.93 -2.71 0.00	41.40 -2.64 0.00	38.71 -2.56 0.00	38.09 -2.78 0.00	36.52 -2.62 0.00	37.86 -2.54 0.00	39.42 -2.74 0.00	37.84 -3.47 0.00	41.63 -4.02 0.00	44.86 -4.44 0.00	47.03 -4.88 0.00	50.15 -5.82 0.00	52.62 -6.11 0.00	50.00 -5.68 0.00	48.49 -5.39 0.00	55.72 -6.12 0.00	62.51 -6.41 0.00	63.04 -6.16 0.00	55.42 -5.41 0.00	47.06 -4.26 0.00	42.81 -3.87 0.00	40.85 -2.61 0.00	40.16 -2.25 0.00
WHAVSTOR_138KV_BK127 55557	53.01 1.94 0.00	49.26 1.62 0.00	45.63 1.59 0.00	42.79 1.53 0.00	42.47 1.59 0.00	40.67 1.53 0.00	41.98 1.58 0.00	43.93 1.77 0.00	43.34 2.02 0.00	48.02 2.37 0.00	51.86 2.56 0.00	54.66 2.75 0.00	59.34 3.36 0.00	62.25 3.52 0.00	58.91 3.23 0.00	57.00 3.12 0.00	65.62 3.77 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.25 2.93 0.00	49.44 2.75 0.00	45.76 2.30 0.00	44.66 2.25 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.01 1.94 0.00	49.26 1.62 0.00	45.63 1.59 0.00	42.79 1.53 0.00	42.47 1.59 0.00	40.67 1.53 0.00	41.98 1.58 0.00	43.93 1.77 0.00	43.34 2.02 0.00	48.02 2.37 0.00	51.86 2.56 0.00	54.66 2.75 0.00	59.34 3.36 0.00	62.25 3.52 0.00	58.91 3.23 0.00	57.00 3.12 0.00	65.62 3.77 0.00	72.98 4.07 0.00	73.35 4.15 0.00	64.55 3.71 0.00	54.25 2.93 0.00	49.44 2.75 0.00	45.76 2.30 0.00	44.66 2.25 0.00
WHITEHAL_115KV_TB1 80871	55.36 4.29 0.00	51.79 4.15 0.00	47.74 3.70 0.00	44.61 3.34 0.00	44.30 3.43 0.00	42.51 3.37 0.00	43.79 3.39 0.00	45.87 3.71 0.00	45.11 3.80 0.00	50.35 4.70 0.00	54.62 5.32 0.00	57.41 5.50 0.00	61.63 5.65 0.00	64.66 5.93 0.00	61.19 5.51 0.00	59.37 5.50 0.00	68.47 6.62 0.00	75.67 6.75 0.00	75.98 6.78 0.00	66.80 5.96 0.00	55.99 4.67 0.00	50.84 4.16 0.00	47.29 3.82 0.00	46.23 3.82 0.00
WHITEPLN_13_KV_LOAD 356215	53.77 2.71 0.00	49.84 2.19 0.00	46.20 2.16 0.00	43.33 2.06 0.00	42.96 2.08 0.00	41.14 2.00 0.00	42.46 2.06 0.00	44.44 2.28 0.00	43.87 2.56 0.00	48.71 3.06 0.00	52.65 3.35 0.00	55.49 3.58 0.00	60.29 4.31 0.00	63.25 4.52 0.00	59.86 4.18 0.00	57.92 4.04 0.00	66.67 4.82 0.00	74.15 5.24 0.00	74.59 5.40 0.00	65.52 4.68 0.00	55.07 3.75 0.00	50.14 3.46 0.00	46.37 2.91 0.00	45.25 2.84 0.00
WM_FLOYD_69_KV_BK2 356380	55.26 4.19 -0.01	51.23 3.57 -0.01	47.48 3.44 -0.01	44.54 3.26 -0.01	44.15 3.27 -0.01	42.39 3.25 0.00	43.51 3.11 0.00	45.58 3.42 -0.01	45.00 3.68 -0.01	49.72 4.06 -0.01	73.03 4.58 -19.15	77.70 4.98 -20.81	82.67 5.77 -20.93	84.98 6.05 -20.20	84.83 5.29 -23.87	88.80 5.55 -29.37	98.05 6.62 -29.59	99.70 7.17 -23.62	89.89 7.33 -13.36	87.00 6.45 -19.71	78.22 4.98 -21.92	61.26 4.58 -10.00	54.85 3.95 -7.44	46.37 3.94 -0.01
WOODARD___115KV_TB2 355635	50.15 -0.92 0.00	46.88 -0.76 0.00	43.34 -0.70 0.00	40.65 -0.62 0.00	40.26 -0.61 0.00	38.63 -0.51 0.00	40.00 -0.40 0.00	41.74 -0.42 0.00	40.73 -0.58 0.00	44.92 -0.73 0.00	48.46 -0.84 0.00	51.03 -0.88 0.00	54.91 -1.06 0.00	57.61 -1.12 0.00	54.68 -1.00 0.00	52.85 -1.02 0.00	60.67 -1.18 0.00	67.74 -1.17 0.00	68.02 -1.18 0.00	59.80 -1.03 0.00	50.50 -0.82 0.00	45.94 -0.75 0.00	42.85 -0.61 0.00	41.73 -0.68 0.00
WOODMERE_69_KV_BK1 55827	54.66 3.57 -0.01	50.75 3.10 -0.01	47.05 2.99 -0.01	44.21 2.93 -0.01	43.83 2.94 -0.01	42.00 2.86 0.00	43.23 2.83 0.00	45.38 3.20 -0.01	44.71 3.39 -0.01	49.45 3.79 -0.01	84.57 4.14 -31.13	90.25 4.52 -33.83	95.26 5.26 -34.02	97.09 5.52 -32.84	99.54 5.07 -38.79	106.63 5.01 -47.74	115.88 5.94 -48.09	113.72 6.41 -38.39	97.49 6.57 -21.72	98.72 5.84 -32.04	91.42 4.47 -35.63	67.10 4.16 -16.25	59.16 3.61 -12.09	46.03 3.61 -0.01
YORK___WARBASSE 23770	53.67 2.60 0.00	49.69 2.05 0.00	46.07 2.03 0.00	43.29 2.02 0.00	42.96 2.08 0.00	41.10 1.96 0.00	42.30 1.90 0.00	44.31 2.15 0.00	43.83 2.52 0.00	48.76 3.10 0.00	52.70 3.40 0.00	55.59 3.69 0.00	60.47 4.48 -0.02	63.44 4.70 -0.02	59.97 4.29 0.00	58.03 4.15 0.00	66.86 5.01 0.00	74.36 5.44 0.00	74.80 5.60 0.00	65.82 4.99 0.00	55.22 3.90 0.00	50.38 3.69 0.00	46.63 3.17 0.00	45.55 3.14 0.00