

Time Weighted/Integrated Real Time LBMP- Generator

--- 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	64.49	60.44	45.01	46.04	44.57	45.54	45.42	45.03	43.12	46.30	54.83	55.93	58.34	46.92	61.89	71.39	77.18	73.23	62.26	60.62	80.11	65.54	53.18	48.42
24138	3.11	2.81	2.09	2.21	2.25	2.33	2.44	2.72	2.83	2.96	3.58	3.76	4.03	3.30	3.77	4.28	4.52	3.97	3.66	3.34	4.13	3.46	2.50	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	64.59	60.52	45.07	46.07	44.61	45.57	45.46	45.06	43.15	46.34	54.89	55.98	58.39	46.96	61.94	71.44	77.25	73.35	62.35	60.71	80.23	65.64	53.26	48.51
24260	3.20	2.89	2.15	2.25	2.29	2.37	2.48	2.75	2.85	3.00	3.65	3.81	4.08	3.35	3.81	4.33	4.60	4.08	3.75	3.43	4.25	3.56	2.58	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	64.59	60.52	45.07	46.07	44.61	45.57	45.46	45.06	43.15	46.34	54.89	55.98	58.39	46.96	61.94	71.44	77.25	73.35	62.35	60.71	80.23	65.64	53.26	48.51
24261	3.20	2.89	2.15	2.25	2.29	2.37	2.48	2.75	2.85	3.00	3.65	3.81	4.08	3.35	3.81	4.33	4.60	4.08	3.75	3.43	4.25	3.56	2.58	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	66.24	61.87	46.12	47.11	45.39	46.45	46.39	45.93	43.93	47.37	56.03	57.12	59.51	47.75	63.26	73.12	79.19	75.13	63.59	62.01	81.84	66.91	54.48	49.78
24011	4.86	4.24	3.20	3.28	3.06	3.24	3.41	3.62	3.64	4.03	4.79	4.95	5.20	4.13	5.14	6.01	6.53	5.86	4.99	4.73	5.86	4.83	3.79	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 RESOURCE___RCVRY	66.79	62.33	46.48	47.49	45.72	46.70	46.66	46.24	44.24	47.69	56.45	57.55	59.96	48.10	63.72	73.69	79.83	75.72	64.09	62.53	82.43	67.36	54.89	50.10
23798	5.41	4.70	3.56	3.67	3.39	3.49	3.68	3.93	3.95	4.35	5.21	5.38	5.65	4.48	5.59	6.58	7.18	6.46	5.49	5.25	6.46	5.28	4.20	3.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	66.24	61.87	46.12	47.11	45.39	46.45	46.39	45.93	43.93	47.37	56.03	57.12	59.51	47.75	63.26	73.12	79.19	75.13	63.59	62.01	81.84	66.91	54.48	49.78
24028	4.86	4.24	3.20	3.28	3.06	3.24	3.41	3.62	3.64	4.03	4.79	4.95	5.20	4.13	5.14	6.01	6.53	5.86	4.99	4.73	5.86	4.83	3.79	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_NYS___DAM	64.97	60.86	45.40	46.32	44.82	45.78	45.57	44.98	42.99	46.27	54.69	55.71	58.02	46.57	61.66	71.15	76.71	72.83	61.77	60.32	79.96	65.49	53.41	48.87
23527	3.59	3.23	2.48	2.50	2.49	2.58	2.59	2.67	2.70	2.93	3.45	3.54	3.71	2.96	3.53	4.04	4.05	3.57	3.17	3.04	3.98	3.41	2.72	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	62.44	58.58	43.84	44.75	43.27	44.21	44.03	43.43	41.51	44.67	52.75	53.73	55.95	44.96	59.55	68.60	74.19	70.50	59.90	58.41	77.13	63.14	51.52	47.20
24190	1.06	0.95	0.92	0.93	0.95	1.00	1.05	1.12	1.21	1.32	1.51	1.56	1.64	1.35	1.42	1.49	1.54	1.24	1.30	1.13	1.14	1.06	0.83	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	62.09	58.26	43.35	44.31	42.72	43.57	43.25	42.55	40.45	43.42	51.52	52.29	54.36	43.69	58.70	67.70	73.28	69.94	59.02	57.76	76.85	62.81	51.43	46.99
355683	0.70	0.63	0.43	0.48	0.39	0.36	0.27	0.24	0.15	0.08	0.27	0.12	0.05	0.08	0.57	0.59	0.63	0.67	0.42	0.48	0.87	0.73	0.74	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	63.56	59.63	44.52	45.45	43.91	44.87	44.68	44.06	42.09	45.29	53.46	54.38	56.66	45.53	60.33	69.61	75.33	71.67	60.76	59.28	78.35	64.08	52.28	47.86
323833	2.17	2.00	1.60	1.63	1.59	1.66	1.69	1.75	1.79	1.95	2.21	2.21	2.35	1.91	2.20	2.50	2.68	2.40	2.16	1.99	2.37	1.99	1.60	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	63.54	59.60	44.52	45.45	43.90	44.86	44.67	44.05	42.08	45.28	53.45	54.36	56.64	45.51	60.31	69.60	75.32	71.63	60.73	59.24	78.34	64.06	52.25	47.84
323834	2.15	1.97	1.59	1.62	1.58	1.64	1.69	1.74	1.78	1.94	2.20	2.19	2.33	1.89	2.18	2.49	2.66	2.37	2.12	1.96	2.36	1.97	1.56	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	62.44	58.58	43.84	44.75	43.27	44.21	44.03	43.43	41.51	44.67	52.75	53.73	55.95	44.96	59.55	68.60	74.19	70.50	59.90	58.41	77.13	63.14	51.52	47.20
23571	1.06	0.95	0.92	0.93	0.95	1.00	1.05	1.12	1.21	1.32	1.51	1.56	1.64	1.35	1.42	1.49	1.54	1.24	1.30	1.13	1.14	1.06	0.83	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.93 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.32 0.00	52.75 1.51 0.00	53.73 1.56 0.00	55.95 1.64 0.00	44.96 1.35 0.00	59.55 1.42 0.00	68.60 1.49 0.00	74.19 1.54 0.00	70.50 1.24 0.00	59.90 1.30 0.00	58.41 1.13 0.00	77.13 1.14 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.20 0.85 0.00
ALBANY___3 23573	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.93 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.32 0.00	52.75 1.51 0.00	53.73 1.56 0.00	55.95 1.64 0.00	44.96 1.35 0.00	59.55 1.42 0.00	68.60 1.49 0.00	74.19 1.54 0.00	70.50 1.24 0.00	59.90 1.30 0.00	58.41 1.13 0.00	77.13 1.14 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.20 0.85 0.00
ALBANY___4 23574	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.93 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.32 0.00	52.75 1.51 0.00	53.73 1.56 0.00	55.95 1.64 0.00	44.96 1.35 0.00	59.55 1.42 0.00	68.60 1.49 0.00	74.19 1.54 0.00	70.50 1.24 0.00	59.90 1.30 0.00	58.41 1.13 0.00	77.13 1.14 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.20 0.85 0.00
ALBANY___LFGE 323615	63.02 1.64 0.00	59.13 1.50 0.00	44.22 1.30 0.00	45.14 1.32 0.00	43.64 1.32 0.00	44.60 1.39 0.00	44.45 1.46 0.00	43.83 1.52 0.00	41.88 1.59 0.00	45.07 1.73 0.00	53.28 2.04 0.00	54.26 2.09 0.00	56.51 2.20 0.00	45.43 1.82 0.00	60.15 2.02 0.00	69.31 2.20 0.00	74.97 2.32 0.00	71.26 2.00 0.00	60.48 1.87 0.00	58.99 1.71 0.00	77.90 1.92 0.00	63.77 1.68 0.00	52.01 1.33 0.00	47.62 1.28 0.00
ALCOA_PA_115KV_PL-6C 55860	62.50 1.12 0.00	58.68 1.05 0.00	43.65 0.73 0.00	44.58 0.75 0.00	42.98 0.66 0.00	43.80 0.59 0.00	43.47 0.49 0.00	42.77 0.47 0.00	40.66 0.36 0.00	43.65 0.31 0.00	51.81 0.57 0.00	52.58 0.41 0.00	54.67 0.36 0.00	43.95 0.33 0.00	59.03 0.91 0.00	68.08 0.97 0.00	73.65 0.99 0.00	70.26 0.99 0.00	59.23 0.63 0.00	57.96 0.68 0.00	77.18 1.20 0.00	63.12 1.04 0.00	51.71 1.02 0.00	47.24 0.90 0.00
ALCOA_RYNLDS___DRP 24188	62.50 1.12 0.00	58.68 1.05 0.00	43.65 0.73 0.00	44.58 0.75 0.00	42.98 0.66 0.00	43.80 0.59 0.00	43.47 0.49 0.00	42.77 0.47 0.00	40.66 0.36 0.00	43.65 0.31 0.00	51.81 0.57 0.00	52.58 0.41 0.00	54.67 0.36 0.00	43.95 0.33 0.00	59.03 0.91 0.00	68.08 0.97 0.00	73.65 0.99 0.00	70.26 0.99 0.00	59.23 0.63 0.00	57.96 0.68 0.00	77.18 1.20 0.00	63.12 1.04 0.00	51.71 1.02 0.00	47.24 0.90 0.00
ALCOA___DSASP 323711	62.50 1.12 0.00	58.68 1.05 0.00	43.65 0.73 0.00	44.58 0.75 0.00	42.98 0.66 0.00	43.80 0.59 0.00	43.47 0.49 0.00	42.77 0.47 0.00	40.66 0.36 0.00	43.65 0.31 0.00	51.81 0.57 0.00	52.58 0.41 0.00	54.67 0.36 0.00	43.95 0.33 0.00	59.03 0.91 0.00	68.08 0.97 0.00	73.65 0.99 0.00	70.26 0.99 0.00	59.23 0.63 0.00	57.96 0.68 0.00	77.18 1.20 0.00	63.12 1.04 0.00	51.71 1.02 0.00	47.24 0.90 0.00
ALLEGHENY___COGEN 23514	61.53 0.15 0.00	58.03 0.40 0.00	42.85 -0.07 0.00	43.66 -0.16 0.00	42.09 -0.23 0.00	42.84 -0.37 0.00	42.79 -0.19 0.00	42.06 -0.25 0.00	39.99 -0.30 0.00	43.24 -0.10 0.00	50.83 -0.61 -0.20	74.33 -0.94 -23.10	72.24 -1.28 -19.21	44.44 -1.51 -2.33	56.70 -1.42 0.00	97.11 -1.49 -31.48	145.87 -1.05 -74.26	127.68 -0.40 -58.82	109.26 -0.56 -51.22	57.93 -0.05 -0.70	76.38 0.40 0.00	62.33 0.24 0.00	51.14 0.46 0.00	46.64 0.29 0.00
ALTAMONT_115KV_TB 2 55880	62.65 1.26 0.00	58.77 1.15 0.00	43.87 0.95 0.00	44.80 0.97 0.00	43.30 0.98 0.00	44.24 1.03 0.00	44.07 1.09 0.00	43.46 1.15 0.00	41.50 1.20 0.00	44.67 1.33 0.00	52.76 1.52 0.00	53.74 1.57 0.00	55.96 1.65 0.00	44.95 1.34 0.00	59.57 1.44 0.00	68.68 1.56 0.00	74.29 1.63 0.00	70.66 1.39 0.00	59.95 1.35 0.00	58.48 1.20 0.00	77.36 1.39 0.00	63.28 1.20 0.00	51.61 0.92 0.00	47.24 0.90 0.00
ALTONA_WT_PWR 323606	62.94 1.56 0.00	58.93 1.30 0.00	43.88 0.96 0.00	44.87 1.04 0.00	43.27 0.94 0.00	44.05 0.84 0.00	43.44 0.46 0.00	42.57 0.26 0.00	40.41 0.11 0.00	43.38 0.04 0.00	51.59 0.34 0.00	52.20 0.03 0.00	54.15 -0.16 0.00	43.54 -0.07 0.00	58.50 0.37 0.00	67.55 0.44 0.00	72.97 0.32 0.00	69.55 0.29 0.00	58.52 -0.08 0.00	57.19 -0.09 0.00	76.22 0.25 0.00	62.41 0.33 0.00	51.07 0.39 0.00	46.54 0.19 0.00
AMERICAN_REF_FUEL 24010	57.20 -4.19 0.00	53.92 -3.70 0.00	40.21 -2.71 0.00	41.13 -2.69 0.00	39.67 -2.66 0.00	40.38 -2.83 0.00	40.32 -2.66 0.00	39.28 -3.03 0.00	36.94 -3.35 0.00	40.13 -3.22 0.00	46.82 -4.38 0.04	43.28 -3.97 4.92	45.80 -4.42 4.09	39.09 -4.03 0.50	52.44 -5.69 0.00	53.58 -6.83 6.71	49.18 -7.65 15.82	50.17 -6.56 12.53	41.81 -5.88 10.91	52.16 -4.97 0.15	70.21 -5.77 0.00	57.64 -4.44 0.00	47.92 -2.77 0.00	44.05 -2.30 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	57.48 -3.90 0.00	53.76 -3.86 0.00	39.78 -3.14 0.00	39.69 -4.13 0.00	37.97 -4.35 0.00	38.66 -4.55 0.00	38.65 -4.33 0.00	37.87 -4.44 0.00	36.06 -4.23 0.00	39.04 -4.30 0.00	45.57 -5.64 0.04	42.11 -5.42 4.65	45.03 -5.42 3.86	38.46 -4.69 0.47	51.17 -6.95 0.00	53.23 -7.55 6.33	49.10 -8.62 14.94	49.65 -7.78 11.83	41.39 -6.90 10.30	51.10 -6.04 0.14	69.17 -6.81 0.00	56.85 -5.24 0.00	47.19 -3.50 0.00	43.25 -3.09 0.00
ARTHUR KILL_GT_1 23520	64.39 3.01 0.00	60.35 2.73 0.00	44.92 2.00 0.00	45.93 2.11 0.00	44.45 2.13 0.00	45.38 2.17 0.00	45.31 2.32 0.00	44.88 2.57 0.00	42.97 2.67 0.00	46.13 2.79 0.00	54.63 3.38 0.00	55.68 3.51 0.00	58.13 3.82 0.00	46.78 3.17 0.00	61.65 3.52 0.00	71.13 4.02 0.00	76.87 4.21 0.00	73.03 3.77 0.00	62.26 3.66 0.00	60.52 3.24 0.00	79.96 3.98 0.00	65.47 3.38 0.00	53.15 2.46 0.00	48.38 2.04 0.00
ARTHUR_KILL_2 23512	64.23 2.84 0.00	60.19 2.56 0.00	44.81 1.89 0.00	45.81 1.98 0.00	44.33 2.00 0.00	45.25 2.04 0.00	45.18 2.19 0.00	44.78 2.47 0.00	42.85 2.55 0.00	46.00 2.66 0.00	54.47 3.23 0.00	55.51 3.35 0.00	57.95 3.64 0.00	46.63 3.01 0.00	61.44 3.31 0.00	70.89 3.78 0.00	76.59 3.93 0.00	72.79 3.53 0.00	62.05 3.45 0.00	60.31 3.03 0.00	79.69 3.71 0.00	65.25 3.17 0.00	52.98 2.29 0.00	48.23 1.88 0.00
ARTHUR_KILL_3 23513	64.02 2.63 0.00	59.98 2.35 0.00	44.66 1.74 0.00	45.66 1.83 0.00	44.22 1.89 0.00	45.18 1.97 0.00	45.07 2.09 0.00	44.68 2.36 0.00	42.77 2.48 0.00	45.92 2.58 0.00	54.37 3.13 0.00	55.45 3.28 0.00	57.84 3.53 0.00	46.54 2.93 0.00	61.38 3.25 0.00	70.78 3.67 0.00	76.52 3.86 0.00	72.62 3.35 0.00	61.75 3.14 0.00	60.12 2.84 0.00	79.47 3.49 0.00	65.05 2.96 0.00	52.78 2.09 0.00	48.06 1.72 0.00

ARTHUR_KILL_COGEN 323718	64.39 3.01 0.00	60.36 2.73 0.00	44.92 2.00 0.00	45.93 2.11 0.00	44.45 2.13 0.00	45.38 2.17 0.00	45.31 2.32 0.00	44.88 2.57 0.00	42.96 2.66 0.00	46.13 2.79 0.00	54.63 3.38 0.00	55.67 3.50 0.00	58.12 3.82 0.00	46.77 3.16 0.00	61.65 3.52 0.00	71.12 4.01 0.00	76.86 4.20 0.00	73.02 3.76 0.00	62.26 3.66 0.00	60.51 3.23 0.00	79.95 3.97 0.00	65.46 3.38 0.00	53.15 2.46 0.00	48.38 2.03 0.00
ASHOKAN____ 23654	64.63 3.24 0.00	60.57 2.94 0.00	45.16 2.24 0.00	46.08 2.26 0.00	44.58 2.25 0.00	45.58 2.38 0.00	45.49 2.51 0.00	45.04 2.73 0.00	43.15 2.85 0.00	46.53 3.19 0.00	55.08 3.84 0.00	56.22 4.05 0.00	58.56 4.25 0.00	47.12 3.51 0.00	62.29 4.17 0.00	71.87 4.76 0.00	77.85 5.19 0.00	74.03 4.77 0.00	62.67 4.07 0.00	61.02 3.74 0.00	80.56 4.58 0.00	65.67 3.58 0.00	53.35 2.67 0.00	48.63 2.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	64.11 2.73 0.00	60.14 2.51 0.00	44.79 1.87 0.00	45.90 2.08 0.00	44.53 2.20 0.00	45.33 2.13 0.00	45.27 2.29 0.00	44.91 2.60 0.00	42.92 2.63 0.00	45.97 2.63 0.00	54.52 3.27 0.00	55.60 3.43 0.00	57.99 3.68 0.00	46.68 3.07 0.00	61.30 3.17 0.00	70.61 3.51 0.00	76.25 3.60 0.01	72.41 3.15 0.01	61.94 3.34 0.00	60.16 2.88 0.00	79.48 3.50 0.00	65.13 3.04 0.00	52.90 2.21 0.00	48.15 1.81 0.00
ASTORIA_EAST_ENERGY_CC2 323582	64.11 2.73 0.00	60.14 2.51 0.00	44.79 1.87 0.00	45.91 2.08 0.00	44.53 2.20 0.00	45.33 2.12 0.00	45.27 2.29 0.00	44.91 2.60 0.00	42.92 2.63 0.00	45.97 2.63 0.00	54.52 3.27 0.00	55.60 3.43 0.00	57.99 3.68 0.00	46.68 3.07 0.00	61.30 3.17 0.00	70.61 3.51 0.00	76.25 3.60 0.01	72.41 3.15 0.01	61.94 3.34 0.00	60.16 2.88 0.00	79.48 3.50 0.00	65.13 3.04 0.00	52.90 2.21 0.00	48.15 1.80 0.00
ASTORIA_GT2_1 24094	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT2_2 24095	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT2_3 24096	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT2_4 24097	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT3_1 24098	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT3_2 24099	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT3_3 24100	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT3_4 24101	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT4_1 24102	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT4_2 24103	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT4_3 24104	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00

ASTORIA_GT4_4 24105	64.16 2.77 0.00	60.17 2.54 0.00	44.82 1.90 0.00	45.94 2.12 0.00	44.55 2.22 0.00	45.35 2.14 0.00	45.30 2.32 0.00	44.92 2.61 0.00	42.94 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.73 3.12 0.00	61.34 3.21 0.00	70.64 3.53 0.00	76.29 3.64 0.01	72.46 3.21 0.01	61.97 3.37 0.00	60.21 2.93 0.00	79.53 3.55 0.00	65.16 3.07 0.00	52.93 2.24 0.00	48.18 1.83 0.00
ASTORIA_GT_1 23523	64.27 2.89 0.00	60.27 2.64 0.00	44.88 1.96 0.00	46.02 2.19 0.00	44.61 2.29 0.00	45.42 2.21 0.00	45.37 2.39 0.00	44.99 2.68 0.00	43.02 2.72 0.00	46.08 2.73 0.00	54.63 3.39 0.00	55.74 3.57 0.00	58.13 3.82 0.00	46.82 3.20 0.00	61.46 3.33 0.00	70.78 3.67 0.00	76.45 3.79 0.01	72.60 3.34 0.01	62.09 3.49 0.00	60.33 3.05 0.00	79.68 3.71 0.00	65.28 3.20 0.00	53.03 2.34 0.00	48.27 1.92 0.00
ASTORIA_GT_10 24110	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.12 0.00	44.49 2.16 0.00	45.41 2.20 0.00	45.30 2.31 0.00	44.91 2.60 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.85 0.00	46.77 3.16 0.00	61.58 3.45 0.00	71.13 4.02 0.00	76.86 4.20 0.00	72.93 3.67 0.00	62.08 3.48 0.00	60.39 3.11 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
ASTORIA_GT_11 24225	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.12 0.00	44.49 2.16 0.00	45.41 2.20 0.00	45.30 2.31 0.00	44.91 2.60 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.85 0.00	46.77 3.16 0.00	61.58 3.45 0.00	71.13 4.02 0.00	76.86 4.20 0.00	72.93 3.67 0.00	62.08 3.48 0.00	60.39 3.11 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
ASTORIA_GT_12 24226	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.12 0.00	44.49 2.16 0.00	45.41 2.20 0.00	45.30 2.31 0.00	44.91 2.60 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.85 0.00	46.77 3.16 0.00	61.58 3.45 0.00	71.13 4.02 0.00	76.86 4.20 0.00	72.93 3.67 0.00	62.08 3.48 0.00	60.39 3.11 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
ASTORIA_GT_13 24227	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.12 0.00	44.49 2.16 0.00	45.41 2.20 0.00	45.30 2.31 0.00	44.91 2.60 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.85 0.00	46.77 3.16 0.00	61.58 3.45 0.00	71.13 4.02 0.00	76.86 4.20 0.00	72.93 3.67 0.00	62.08 3.48 0.00	60.39 3.11 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
ASTORIA_GT_5 24106	64.27 2.89 0.00	60.27 2.64 0.00	44.88 1.96 0.00	46.02 2.19 0.00	44.61 2.29 0.00	45.42 2.21 0.00	45.37 2.39 0.00	44.99 2.68 0.00	43.02 2.72 0.00	46.08 2.73 0.00	54.63 3.39 0.00	55.74 3.57 0.00	58.13 3.82 0.00	46.82 3.20 0.00	61.46 3.33 0.00	70.78 3.67 0.00	76.45 3.79 0.01	72.60 3.34 0.01	62.09 3.49 0.00	60.33 3.05 0.00	79.68 3.71 0.00	65.28 3.20 0.00	53.03 2.34 0.00	48.27 1.92 0.00
ASTORIA_GT_7 24107	64.27 2.89 0.00	60.27 2.64 0.00	44.88 1.96 0.00	46.02 2.19 0.00	44.61 2.29 0.00	45.42 2.21 0.00	45.37 2.39 0.00	44.99 2.68 0.00	43.02 2.72 0.00	46.08 2.73 0.00	54.63 3.39 0.00	55.74 3.57 0.00	58.13 3.82 0.00	46.82 3.20 0.00	61.46 3.33 0.00	70.78 3.67 0.00	76.45 3.79 0.01	72.60 3.34 0.01	62.09 3.49 0.00	60.33 3.05 0.00	79.68 3.71 0.00	65.28 3.20 0.00	53.03 2.34 0.00	48.27 1.92 0.00
ASTORIA_GT_8 24108	64.27 2.89 0.00	60.27 2.64 0.00	44.88 1.96 0.00	46.02 2.19 0.00	44.61 2.29 0.00	45.42 2.21 0.00	45.37 2.39 0.00	44.99 2.68 0.00	43.02 2.72 0.00	46.08 2.73 0.00	54.63 3.39 0.00	55.74 3.57 0.00	58.13 3.82 0.00	46.82 3.20 0.00	61.46 3.33 0.00	70.78 3.67 0.00	76.45 3.79 0.01	72.60 3.34 0.01	62.09 3.49 0.00	60.33 3.05 0.00	79.68 3.71 0.00	65.28 3.20 0.00	53.03 2.34 0.00	48.27 1.92 0.00
ASTORIA___2 24149	64.16 2.77 0.00	60.18 2.55 0.00	44.82 1.90 0.00	45.93 2.11 0.00	44.55 2.22 0.00	45.34 2.13 0.00	45.29 2.31 0.00	44.93 2.63 0.00	42.93 2.64 0.00	45.99 2.65 0.00	54.53 3.29 0.00	55.62 3.45 0.00	58.02 3.70 0.00	46.71 3.09 0.00	61.34 3.21 0.00	70.63 3.52 0.00	76.28 3.63 0.01	72.44 3.19 0.01	61.96 3.36 0.00	60.19 2.91 0.00	79.54 3.55 0.00	65.15 3.07 0.00	52.92 2.24 0.00	48.18 1.83 0.00
ASTORIA___3 23516	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.11 0.00	44.49 2.16 0.00	45.40 2.19 0.00	45.30 2.31 0.00	44.92 2.61 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.41 0.00	55.75 3.58 0.00	58.15 3.84 0.00	46.76 3.14 0.00	61.57 3.44 0.00	71.13 4.02 0.00	76.85 4.20 0.00	72.92 3.66 0.00	62.08 3.48 0.00	60.38 3.10 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
ASTORIA___4 23517	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.12 0.00	44.49 2.16 0.00	45.41 2.20 0.00	45.30 2.31 0.00	44.91 2.60 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.85 0.00	46.77 3.16 0.00	61.57 3.44 0.00	71.13 4.02 0.00	76.86 4.20 0.00	72.93 3.66 0.00	62.08 3.48 0.00	60.39 3.11 0.00	79.78 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
ASTORIA___5 23518	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.11 0.00	44.49 2.16 0.00	45.40 2.19 0.00	45.30 2.31 0.00	44.92 2.61 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.41 0.00	55.75 3.58 0.00	58.15 3.84 0.00	46.76 3.14 0.00	61.57 3.44 0.00	70.63 3.52 0.00	76.28 3.63 0.01	72.44 3.19 0.01	61.96 3.36 0.00	60.19 2.91 0.00	79.54 3.55 0.00	65.15 3.07 0.00	52.92 2.24 0.00	48.18 1.83 0.00
AST_ENERGY_2_CC3 323677	63.44 2.05 0.00	59.50 1.87 0.00	44.33 1.41 0.00	45.57 1.74 0.00	44.26 1.93 0.00	45.01 1.79 0.00	44.96 1.97 0.00	44.64 2.33 0.00	42.63 2.34 0.00	45.49 2.15 0.00	53.94 2.69 0.00	55.02 2.85 0.00	57.39 3.08 0.00	46.38 2.76 0.00	60.67 2.55 0.00	69.88 2.77 0.00	75.47 2.82 0.01	71.65 2.39 0.01	61.30 2.70 0.00	59.54 2.25 0.00	78.63 2.66 0.00	64.44 2.36 0.00	52.41 1.72 0.00	47.82 1.48 0.00
AST_ENERGY_2_CC4 323678	63.44 2.05 0.00	59.50 1.87 0.00	44.33 1.41 0.00	45.57 1.74 0.00	44.26 1.93 0.00	45.01 1.79 0.00	44.96 1.97 0.00	44.64 2.33 0.00	42.63 2.34 0.00	45.49 2.15 0.00	53.94 2.69 0.00	55.02 2.85 0.00	57.39 3.08 0.00	46.38 2.76 0.00	60.67 2.55 0.00	69.88 2.77 0.00	75.47 2.82 0.01	71.65 2.39 0.01	61.30 2.70 0.00	59.54 2.25 0.00	78.63 2.66 0.00	64.44 2.36 0.00	52.41 1.72 0.00	47.82 1.48 0.00

ATHENS_STG_1 23668	62.93 1.54 0.00	59.02 1.39 0.00	44.02 1.10 0.00	44.94 1.12 0.00	43.46 1.13 0.00	44.41 1.20 0.00	44.23 1.25 0.00	43.68 1.38 0.00	41.74 1.45 0.00	44.95 1.61 0.00	53.11 1.86 0.00	54.12 1.95 0.00	56.36 2.05 0.00	45.25 1.63 0.00	59.83 1.70 0.00	68.97 1.86 0.00	74.59 1.93 0.00	70.91 1.65 0.00	60.18 1.58 0.00	58.68 1.40 0.00	77.66 1.68 0.00	63.51 1.42 0.00	51.75 1.07 0.00	47.34 1.00 0.00
ATHENS_STG_2 23670	62.93 1.54 0.00	59.02 1.39 0.00	44.02 1.10 0.00	44.94 1.12 0.00	43.46 1.13 0.00	44.41 1.20 0.00	44.23 1.25 0.00	43.68 1.38 0.00	41.74 1.45 0.00	44.95 1.61 0.00	53.11 1.86 0.00	54.12 1.95 0.00	56.36 2.05 0.00	45.25 1.63 0.00	59.83 1.70 0.00	68.97 1.86 0.00	74.59 1.93 0.00	70.91 1.65 0.00	60.18 1.58 0.00	58.68 1.40 0.00	77.66 1.68 0.00	63.51 1.42 0.00	51.75 1.07 0.00	47.34 1.00 0.00
ATHENS_STG_3 23677	62.93 1.54 0.00	59.02 1.39 0.00	44.02 1.10 0.00	44.94 1.12 0.00	43.46 1.13 0.00	44.41 1.20 0.00	44.23 1.25 0.00	43.68 1.38 0.00	41.74 1.45 0.00	44.95 1.61 0.00	53.11 1.86 0.00	54.12 1.95 0.00	56.36 2.05 0.00	45.25 1.63 0.00	59.83 1.70 0.00	68.97 1.86 0.00	74.59 1.93 0.00	70.91 1.65 0.00	60.18 1.58 0.00	58.68 1.40 0.00	77.66 1.68 0.00	63.51 1.42 0.00	51.75 1.07 0.00	47.34 1.00 0.00
AUBURN____LFGE 323710	60.88 -0.51 0.00	57.23 -0.40 0.00	42.55 -0.37 0.00	43.46 -0.37 0.00	41.99 -0.34 0.00	42.86 -0.35 0.00	42.68 -0.30 0.00	41.92 -0.39 0.00	39.86 -0.44 0.00	42.94 -0.41 0.00	50.69 -0.56 0.00	51.82 -0.35 0.00	53.97 -0.34 0.00	43.18 -0.43 0.00	57.21 -0.92 0.00	66.30 -0.81 0.00	72.02 -0.64 0.00	68.84 -0.42 0.00	58.16 -0.44 0.00	57.04 -0.24 0.00	75.63 -0.35 0.00	61.42 -0.67 0.00	50.30 -0.39 0.00	45.95 -0.40 0.00
BABYLON_RES_REC 323704	65.16 3.77 0.00	61.02 3.39 0.00	45.44 2.52 0.00	46.22 2.39 0.00	44.70 2.37 0.00	45.68 2.47 0.00	45.52 2.54 0.00	45.05 2.74 0.00	43.20 2.90 0.00	46.54 3.20 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	47.03 3.41 0.00	62.58 3.71 -0.75	72.62 4.40 -1.11	78.99 5.04 -1.30	73.67 4.41 0.00	62.52 3.91 0.00	60.73 3.45 0.00	80.44 4.46 0.00	65.78 3.69 0.00	53.31 2.62 0.00	48.60 2.26 0.00
BALL_HILL_WT_PWR 323825	58.11 -3.28 0.00	54.56 -3.07 0.00	40.44 -2.48 0.00	41.03 -2.79 0.00	39.48 -2.84 0.00	40.14 -3.07 0.00	40.05 -2.94 0.00	39.18 -3.13 0.00	37.14 -3.15 0.00	40.29 -3.06 0.00	47.13 -4.06 0.06	41.84 -3.90 6.43	44.90 -4.07 5.35	39.38 -3.59 0.65	52.77 -5.36 0.00	52.17 -6.17 8.77	45.19 -6.79 20.68	47.03 -5.85 16.37	39.03 -5.30 14.26	52.59 -4.49 0.19	70.92 -5.06 0.00	58.13 -3.96 0.00	48.13 -2.56 0.00	44.16 -2.19 0.00
BARON_WINDS____WT_PWR 323822	57.79 -3.60 0.00	54.80 -2.82 0.00	40.14 -2.78 0.00	40.82 -3.01 0.00	39.27 -3.06 0.00	39.84 -3.37 0.00	39.68 -3.30 0.00	39.02 -3.29 0.00	37.12 -3.18 0.00	40.10 -3.23 0.00	46.78 -4.15 0.31	12.42 -4.22 35.53	20.35 -4.41 29.55	36.23 -3.80 3.58	52.92 -5.20 0.00	12.83 -5.84 48.44	-47.88 -6.29 114.25	-27.02 -5.80 90.49	-25.31 -5.10 78.81	51.67 -4.53 1.07	70.38 -5.59 0.00	57.57 -4.51 0.00	47.32 -3.37 0.00	43.22 -3.13 0.00
BARRETT_IC_1 23704	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_10 23701	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_11 23702	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_12 23703	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_2 23705	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_3 23706	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_4 23707	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_5 23708	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00

BARRETT_IC_6 23709	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_7 23710	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.09 0.00	44.42 2.10 0.00	45.40 2.19 0.00	45.23 2.25 0.00	44.76 2.45 0.00	42.91 2.62 0.00	46.24 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.25 3.94 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.93 3.82 0.00	76.99 4.33 -0.01	73.05 3.78 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.91 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_8 23711	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT_IC_9 23700	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT___1 23545	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BARRETT___2 23546	64.59 3.21 0.00	60.56 2.93 0.00	45.10 2.18 0.00	45.91 2.08 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.22 2.24 0.00	44.77 2.46 0.00	42.92 2.62 0.00	46.23 2.89 0.00	55.04 3.79 0.00	56.13 3.96 0.00	58.24 3.93 0.00	46.63 3.02 0.00	61.40 3.28 0.00	70.92 3.81 0.00	76.98 4.32 -0.01	73.04 3.77 0.00	61.99 3.39 0.00	60.26 2.98 0.00	79.78 3.80 0.00	65.24 3.16 0.00	52.90 2.22 0.00	48.24 1.90 0.00
BATAVIA__115KV_TB1 55881	59.92 -1.46 0.00	56.38 -1.24 0.00	41.95 -0.97 0.00	42.88 -0.95 0.00	41.40 -0.93 0.00	42.15 -1.06 0.00	42.13 -0.85 0.00	41.19 -1.12 0.00	38.95 -1.35 0.00	42.29 -1.05 0.00	49.45 -1.76 0.03	47.01 -1.65 3.52	49.21 -2.18 2.93	41.34 -1.92 0.35	55.57 -2.56 0.00	59.24 -3.08 4.80	58.09 -3.26 11.31	57.85 -2.45 8.96	48.32 -2.48 7.80	55.44 -1.74 0.11	74.31 -1.67 0.00	60.78 -1.31 0.00	50.22 -0.47 0.00	46.00 -0.34 0.00
BAYONEEC___CTG1 323682	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG10 323750	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG2 323683	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG3 323684	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG4 323685	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG5 323686	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG6 323687	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG7 323688	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00

BAYONEEC___CTG8 323689	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BAYONEEC___CTG9 323749	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.80 1.97 0.00	44.35 2.02 0.00	45.31 2.10 0.00	45.19 2.21 0.00	44.80 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.27 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.69 4.03 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.67 3.69 0.00	65.19 3.10 0.00	52.91 2.23 0.00	48.19 1.85 0.00
BEACON___LESR 323632	63.36 1.98 0.00	59.37 1.74 0.00	44.36 1.44 0.00	45.27 1.45 0.00	43.81 1.49 0.00	44.74 1.53 0.00	44.63 1.65 0.00	44.14 1.83 0.00	42.22 1.92 0.00	45.46 2.12 0.00	53.63 2.39 0.00	54.62 2.45 0.00	56.92 2.61 0.00	45.71 2.09 0.00	60.56 2.43 0.00	69.67 2.56 0.00	75.41 2.75 0.00	71.74 2.48 0.00	60.83 2.23 0.00	59.40 2.11 0.00	78.49 2.51 0.00	64.09 2.00 0.00	52.22 1.53 0.00	47.80 1.46 0.00
BEAVER RIVER___HYD 24048	61.68 0.29 0.00	57.83 0.21 0.00	42.67 -0.25 0.00	42.51 -1.32 0.00	40.99 -1.33 0.00	41.71 -1.50 0.00	41.27 -1.72 0.00	40.60 -1.71 0.00	38.66 -1.63 0.00	41.67 -1.67 0.00	49.79 -1.45 0.00	50.72 -1.46 0.00	53.21 -1.10 0.00	42.69 -0.92 0.00	56.56 -1.56 0.00	64.93 -2.18 0.00	70.34 -2.32 0.00	67.43 -1.83 0.00	56.72 -1.88 0.00	55.47 -1.81 0.00	73.69 -2.29 0.00	60.23 -1.86 0.00	49.11 -1.57 0.00	44.74 -1.61 0.00
BEEBEE_GT_13 23619	59.93 -1.46 0.00	56.33 -1.30 0.00	41.90 -1.03 0.00	42.80 -1.03 0.00	41.33 -0.99 0.00	42.15 -1.06 0.00	42.03 -0.95 0.00	41.20 -1.11 0.00	39.08 -1.22 0.00	42.28 -1.07 0.00	49.72 -1.52 0.00	50.69 -1.48 0.00	52.63 -1.68 0.00	42.05 -1.57 0.00	55.95 -2.18 0.00	64.50 -2.61 0.00	69.99 -2.66 0.00	67.19 -2.08 0.00	56.58 -2.02 0.00	55.72 -1.56 0.00	74.33 -1.65 0.00	60.72 -1.37 0.00	49.94 -0.75 0.00	45.72 -0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	64.70 3.32 0.00	60.61 2.98 0.00	45.12 2.20 0.00	46.12 2.29 0.00	44.63 2.31 0.00	45.58 2.37 0.00	45.51 2.53 0.00	45.10 2.80 0.00	43.18 2.89 0.00	46.39 3.05 0.00	54.95 3.70 0.00	56.06 3.89 0.00	58.51 4.20 0.00	47.07 3.45 0.00	62.01 3.88 0.00	71.58 4.47 0.00	77.33 4.67 0.00	73.44 4.18 0.00	62.61 4.01 0.00	60.87 3.59 0.00	80.42 4.44 0.00	65.81 3.73 0.00	53.41 2.73 0.00	48.60 2.25 0.00
BETHLEHEM___GRP 23843	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.93 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.32 0.00	52.75 1.51 0.00	53.73 1.56 0.00	55.95 1.64 0.00	44.96 1.35 0.00	59.55 1.42 0.00	68.60 1.49 0.00	74.19 1.54 0.00	70.50 1.24 0.00	59.90 1.30 0.00	58.41 1.13 0.00	77.13 1.14 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.20 0.85 0.00
BETHLEHEM___GS1 323560	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.92 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.33 0.00	52.75 1.51 0.00	53.72 1.55 0.00	55.94 1.63 0.00	44.96 1.35 0.00	59.54 1.41 0.00	68.60 1.49 0.00	74.18 1.52 0.00	70.50 1.24 0.00	59.86 1.27 0.00	58.40 1.12 0.00	77.12 1.15 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.19 0.85 0.00
BETHLEHEM___GS2 323561	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.92 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.33 0.00	52.75 1.51 0.00	53.72 1.55 0.00	55.94 1.63 0.00	44.96 1.35 0.00	59.54 1.41 0.00	68.60 1.49 0.00	74.18 1.52 0.00	70.50 1.24 0.00	59.86 1.27 0.00	58.40 1.12 0.00	77.12 1.15 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.19 0.85 0.00
BETHLEHEM___GS3 323562	62.44 1.06 0.00	58.58 0.95 0.00	43.84 0.92 0.00	44.75 0.92 0.00	43.27 0.95 0.00	44.21 1.00 0.00	44.03 1.05 0.00	43.43 1.12 0.00	41.51 1.21 0.00	44.67 1.33 0.00	52.75 1.51 0.00	53.72 1.55 0.00	55.94 1.63 0.00	44.96 1.35 0.00	59.54 1.41 0.00	68.60 1.49 0.00	74.18 1.52 0.00	70.50 1.24 0.00	59.86 1.27 0.00	58.40 1.12 0.00	77.12 1.15 0.00	63.14 1.06 0.00	51.52 0.83 0.00	47.19 0.85 0.00
BETHLEHEM___STEEL 23779	58.67 -2.71 0.00	55.22 -2.41 0.00	40.96 -1.96 0.00	41.77 -2.06 0.00	40.25 -2.07 0.00	40.92 -2.29 0.00	40.81 -2.17 0.00	39.88 -2.43 0.00	37.72 -2.57 0.00	40.94 -2.40 0.00	47.91 -3.28 0.05	42.97 -3.15 6.05	45.89 -3.39 5.03	39.93 -3.08 0.61	53.67 -4.46 0.00	53.47 -5.39 8.25	47.35 -5.85 19.45	48.98 -4.88 15.41	40.63 -4.55 13.42	53.39 -3.71 0.18	71.93 -4.05 0.00	58.94 -3.15 0.00	48.85 -1.84 0.00	44.81 -1.53 0.00
BETHLHEM_115KV_TB1 79974	62.49 1.11 0.00	58.64 1.01 0.00	43.86 0.94 0.00	44.77 0.94 0.00	43.28 0.96 0.00	44.22 1.01 0.00	44.06 1.08 0.00	43.45 1.14 0.00	41.52 1.22 0.00	44.67 1.33 0.00	52.77 1.53 0.00	53.74 1.56 0.00	55.96 1.65 0.00	44.97 1.35 0.00	59.56 1.44 0.00	68.63 1.52 0.00	74.22 1.57 0.00	70.56 1.30 0.00	59.92 1.32 0.00	58.43 1.15 0.00	77.20 1.22 0.00	63.19 1.11 0.00	51.56 0.88 0.00	47.21 0.86 0.00
BETHPAGE_CC_5 323564	64.81 3.43 0.00	60.77 3.14 0.00	45.24 2.32 0.00	46.04 2.21 0.00	44.54 2.22 0.00	45.52 2.31 0.00	45.37 2.38 0.00	44.92 2.61 0.00	43.02 2.73 0.00	46.31 2.97 0.00	55.02 3.77 0.00	56.14 3.97 0.00	58.37 4.06 0.00	46.67 3.06 0.00	61.37 3.25 0.00	70.95 3.84 0.00	77.03 4.37 -0.01	73.10 3.84 0.00	62.04 3.45 0.00	60.29 3.01 0.00	79.87 3.89 0.00	65.52 3.44 0.00	53.13 2.45 0.00	48.46 2.11 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.88 -2.50 0.00	55.40 -2.23 0.00	41.09 -1.83 0.00	41.91 -1.92 0.00	40.37 -1.95 0.00	41.03 -2.18 0.00	40.92 -2.07 0.00	39.98 -2.33 0.00	37.84 -2.46 0.00	41.05 -2.29 0.00	48.06 -3.14 0.05	43.50 -3.00 5.67	46.36 -3.23 4.72	40.13 -2.92 0.57	53.84 -4.29 0.00	54.18 -5.20 7.74	48.80 -5.61 18.24	50.14 -4.68 14.45	41.65 -4.36 12.58	53.56 -3.55 0.17	72.13 -3.85 0.00	59.11 -2.98 0.00	48.99 -1.69 0.00	44.93 -1.41 0.00
BINGHAMTON___COGEN 23790	60.49 -0.90 0.00	56.83 -0.79 0.00	42.22 -0.71 0.00	43.12 -0.71 0.00	41.66 -0.66 0.00	42.48 -0.73 0.00	42.29 -0.69 0.00	41.64 -0.67 0.00	39.65 -0.65 0.00	42.77 -0.57 0.00	50.48 -0.77 -0.01	52.73 -0.66 -1.22	54.66 -0.67 -1.02	43.08 -0.66 -0.12	56.82 -1.31 0.00	67.38 -1.40 -1.67	75.11 -1.48 -3.94	71.18 -1.20 -3.12	60.15 -1.17 -2.71	56.48 -0.84 -0.04	74.90 -1.08 0.00	61.11 -0.98 0.00	49.90 -0.79 0.00	45.57 -0.78 0.00

BIXINCNT_115KV_LOAD 355685	59.57 -1.81 0.00	55.78 -1.85 0.00	41.14 -1.78 0.00	41.79 -2.04 0.00	40.08 -2.24 0.00	40.34 -2.87 0.00	40.08 -2.90 0.00	39.24 -3.07 0.00	37.10 -3.19 0.00	40.03 -3.32 0.00	46.92 -4.30 0.03	44.46 -4.09 3.62	47.15 -4.15 3.01	40.00 -3.25 0.37	52.68 -5.44 0.00	55.19 -6.98 4.94	53.83 -7.18 11.64	53.55 -6.50 9.22	44.72 -5.85 8.03	52.03 -5.14 0.11	70.25 -5.72 0.00	57.75 -4.33 0.00	48.26 -2.43 0.00	44.30 -2.05 0.00
BLACK RIVER___HYD 24047	61.57 0.19 0.00	57.73 0.10 0.00	42.59 -0.34 0.00	42.28 -1.55 0.00	40.72 -1.61 0.00	41.52 -1.69 0.00	41.16 -1.82 0.00	40.46 -1.85 0.00	38.53 -1.77 0.00	41.57 -1.77 0.00	49.54 -1.70 0.00	50.50 -1.67 0.00	53.01 -1.31 0.00	42.51 -1.10 0.00	56.30 -1.83 0.00	64.68 -2.43 0.00	70.36 -2.30 0.00	67.57 -1.70 0.00	56.87 -1.74 0.00	55.56 -1.72 0.00	73.77 -2.21 0.00	59.95 -2.14 0.00	48.81 -1.88 0.00	44.40 -1.95 0.00
BLACKRVR_115KV_TB2 79977	61.57 0.18 0.00	57.73 0.10 0.00	42.58 -0.34 0.00	42.28 -1.55 0.00	40.72 -1.61 0.00	41.52 -1.69 0.00	41.16 -1.82 0.00	40.46 -1.85 0.00	38.53 -1.77 0.00	41.57 -1.77 0.00	49.54 -1.70 0.00	50.50 -1.67 0.00	53.01 -1.31 0.00	42.51 -1.11 0.00	56.30 -1.83 0.00	64.68 -2.43 0.00	70.36 -2.30 0.00	67.57 -1.70 0.00	56.87 -1.73 0.00	55.56 -1.72 0.00	73.77 -2.21 0.00	59.95 -2.14 0.00	48.81 -1.88 0.00	44.40 -1.95 0.00
BLDWN_LI_69_KV_BK4 356085	65.12 3.74 0.00	61.01 3.39 0.00	45.42 2.50 0.00	46.24 2.41 0.00	44.74 2.41 0.00	45.73 2.52 0.00	45.57 2.59 0.00	45.11 2.80 0.00	43.24 2.95 0.00	46.58 3.24 0.00	55.43 4.18 0.00	56.57 4.40 0.00	58.80 4.49 0.00	47.06 3.45 0.00	61.96 3.83 0.00	71.43 4.33 0.00	77.56 4.89 -0.01	73.79 4.53 0.00	62.60 4.00 0.00	60.87 3.59 0.00	80.55 4.57 0.00	65.90 3.82 0.00	53.43 2.74 0.00	48.67 2.33 0.00
BLISS_WT_PWR 323608	59.60 -1.79 0.00	55.74 -1.89 0.00	41.05 -1.87 0.00	41.65 -2.18 0.00	39.88 -2.45 0.00	40.05 -3.17 0.00	39.77 -3.21 0.00	38.90 -3.41 0.00	36.79 -3.51 0.00	39.61 -3.73 0.00	46.40 -4.82 0.03	43.99 -4.56 3.62	46.72 -4.58 3.01	39.78 -3.47 0.37	52.24 -5.89 0.00	54.50 -7.68 4.94	53.22 -7.80 11.64	52.86 -7.18 9.22	44.19 -6.38 8.03	51.43 -5.74 0.11	69.52 -6.46 0.00	57.19 -4.89 0.00	47.93 -2.76 0.00	44.05 -2.30 0.00
BLUESTONE___WT_PWR 323821	59.98 -1.40 0.00	56.13 -1.49 0.00	41.76 -1.16 0.00	42.54 -1.29 0.00	40.98 -1.34 0.00	41.77 -1.44 0.00	41.55 -1.43 0.00	40.83 -1.48 0.00	39.24 -1.06 0.00	42.18 -1.16 0.00	49.94 -1.31 -0.01	52.87 -0.57 -1.27	55.12 -0.25 -1.05	43.27 -0.47 -0.13	57.01 -1.12 0.00	68.09 -0.75 -1.73	76.73 0.00 -4.08	72.81 0.32 -3.23	61.48 0.06 -2.81	57.67 0.35 -0.04	76.09 0.11 0.00	61.08 -1.00 0.00	49.39 -1.30 0.00	45.61 -0.74 0.00
BLUE_CIRC_CHEM_DRP 24182	63.04 1.65 0.00	59.13 1.51 0.00	44.17 1.25 0.00	45.10 1.28 0.00	43.58 1.25 0.00	44.53 1.32 0.00	44.33 1.34 0.00	43.71 1.40 0.00	41.74 1.45 0.00	44.92 1.58 0.00	53.02 1.78 0.00	53.96 1.79 0.00	56.22 1.91 0.00	45.15 1.54 0.00	59.85 1.73 0.00	69.02 1.91 0.00	74.67 2.02 0.00	71.01 1.75 0.00	60.24 1.64 0.00	58.77 1.49 0.00	77.73 1.75 0.00	63.59 1.50 0.00	51.88 1.20 0.00	47.52 1.17 0.00
BOC_GAS_DRP 24189	62.55 1.16 0.00	58.67 1.04 0.00	43.82 0.90 0.00	44.74 0.91 0.00	43.24 0.92 0.00	44.18 0.97 0.00	44.00 1.02 0.00	43.40 1.09 0.00	41.44 1.15 0.00	44.59 1.25 0.00	52.69 1.45 0.00	53.65 1.48 0.00	55.87 1.56 0.00	44.89 1.27 0.00	59.46 1.33 0.00	68.57 1.46 0.00	74.14 1.48 0.00	70.52 1.26 0.00	59.83 1.23 0.00	58.38 1.10 0.00	77.22 1.25 0.00	63.18 1.09 0.00	51.53 0.84 0.00	47.16 0.82 0.00
BOONVILLE_115KV_TB1 79983	62.45 1.07 0.00	58.60 0.97 0.00	43.43 0.50 0.00	43.84 0.01 0.00	42.35 0.02 0.00	43.18 -0.03 0.00	42.93 -0.06 0.00	42.29 -0.02 0.00	40.33 0.03 0.00	43.42 0.08 0.00	51.52 0.27 0.00	52.51 0.34 0.00	54.90 0.59 0.00	44.03 0.42 0.00	58.37 0.24 0.00	67.27 0.16 0.00	72.90 0.24 0.00	69.71 0.45 0.00	58.84 0.24 0.00	57.51 0.22 0.00	76.21 0.23 0.00	62.16 0.07 0.00	50.64 -0.05 0.00	46.19 -0.16 0.00
BORALEX_4TH_BRANCH 23824	64.97 3.59 0.00	60.86 3.24 0.00	45.40 2.48 0.00	46.33 2.50 0.00	44.82 2.49 0.00	45.79 2.58 0.00	45.57 2.59 0.00	44.97 2.66 0.00	42.99 2.70 0.00	46.27 2.93 0.00	54.69 3.45 0.00	55.71 3.54 0.00	58.02 3.71 0.00	46.58 2.96 0.00	61.67 3.54 0.00	71.14 4.03 0.00	76.71 4.05 0.00	72.83 3.57 0.00	61.77 3.17 0.00	60.32 3.04 0.00	79.96 3.98 0.00	65.49 3.40 0.00	53.41 2.72 0.00	48.87 2.53 0.00
BOWLINE___1 23526	63.45 2.07 0.00	59.47 1.84 0.00	44.32 1.40 0.00	45.23 1.40 0.00	43.75 1.43 0.00	44.73 1.52 0.00	44.63 1.65 0.00	44.18 1.88 0.00	42.26 1.96 0.00	45.48 2.14 0.00	53.80 2.56 0.00	54.81 2.64 0.00	57.16 2.85 0.00	45.97 2.36 0.00	60.73 2.60 0.00	70.02 2.91 0.00	75.76 3.10 0.00	71.92 2.66 0.00	61.08 2.49 0.00	59.49 2.21 0.00	78.73 2.75 0.00	64.39 2.31 0.00	52.31 1.63 0.00	47.67 1.33 0.00
BOWLINE___2 23595	63.42 2.04 0.00	59.45 1.82 0.00	44.31 1.39 0.00	45.22 1.39 0.00	43.74 1.42 0.00	44.73 1.52 0.00	44.62 1.64 0.00	44.17 1.86 0.00	42.26 1.96 0.00	45.47 2.13 0.00	53.77 2.53 0.00	54.80 2.63 0.00	57.14 2.83 0.00	45.96 2.35 0.00	60.71 2.59 0.00	70.01 2.90 0.00	75.73 3.07 0.00	71.90 2.64 0.00	61.05 2.46 0.00	59.46 2.18 0.00	78.70 2.72 0.00	64.37 2.28 0.00	52.28 1.59 0.00	47.66 1.31 0.00
BRADY___115KV_TB2 356060	63.03 1.65 0.00	59.21 1.59 0.00	44.01 1.09 0.00	44.92 1.10 0.00	43.30 0.98 0.00	44.10 0.89 0.00	43.78 0.80 0.00	43.11 0.80 0.00	40.97 0.68 0.00	43.99 0.65 0.00	52.23 0.99 0.00	52.91 0.74 0.00	55.08 0.77 0.00	44.29 0.68 0.00	59.54 1.41 0.00	68.67 1.56 0.00	74.28 1.62 0.00	70.87 1.61 0.00	59.66 1.06 0.00	58.34 1.06 0.00	77.75 1.77 0.00	63.58 1.50 0.00	52.12 1.43 0.00	47.61 1.26 0.00
BRANSCOMB___SOLAR 323811	64.98 3.59 0.00	60.80 3.17 0.00	45.34 2.42 0.00	46.31 2.49 0.00	44.69 2.36 0.00	45.72 2.51 0.00	45.59 2.61 0.00	45.07 2.76 0.00	43.07 2.77 0.00	46.41 3.07 0.00	54.85 3.61 0.00	55.91 3.74 0.00	58.22 3.91 0.00	46.74 3.12 0.00	61.98 3.85 0.00	71.55 4.44 0.00	77.43 4.77 0.00	73.56 4.30 0.00	62.30 3.70 0.00	60.77 3.49 0.00	80.33 4.35 0.00	65.67 3.59 0.00	53.51 2.82 0.00	48.92 2.57 0.00
BRDGHMPT_69_KV_BK1 55812	67.57 6.19 0.00	63.21 5.58 0.00	47.05 4.12 0.00	47.72 3.90 0.00	46.12 3.79 0.00	46.90 3.69 0.00	46.31 3.33 0.00	45.42 3.11 0.00	43.44 3.14 0.00	46.75 3.40 0.00	55.74 4.50 0.00	56.87 4.70 0.00	59.22 4.91 0.00	47.18 3.57 0.00	65.76 3.31 -4.33	77.94 4.39 -6.44	85.37 5.22 -7.49	73.76 4.50 0.00	62.52 3.92 0.00	60.66 3.38 0.00	80.25 4.27 -0.01	65.53 3.43 -0.01	53.04 2.35 0.00	48.34 1.99 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	65.42 4.04 0.00	61.33 3.70 0.00	45.68 2.76 0.00	46.45 2.63 0.00	44.90 2.58 0.00	45.87 2.65 0.00	45.73 2.75 0.00	45.23 2.92 0.00	43.36 3.06 0.00	46.76 3.42 0.00	55.84 4.60 0.00	57.04 4.87 0.00	59.24 4.93 0.00	47.30 3.68 0.00	65.96 4.07 -3.76	77.55 4.85 -5.60	84.76 5.59 -6.51	73.96 4.69 0.00	62.75 4.15 0.00	60.94 3.66 0.00	80.80 4.81 -0.01	65.99 3.90 -0.01	53.45 2.76 0.00	48.76 2.41 0.00
BRISTLHL_115KV_TB1 79998	59.53 -1.85 0.00	55.99 -1.63 0.00	41.68 -1.25 0.00	42.52 -1.31 0.00	41.08 -1.25 0.00	41.94 -1.27 0.00	41.72 -1.27 0.00	40.96 -1.35 0.00	38.94 -1.36 0.00	41.89 -1.45 0.00	49.48 -1.77 0.00	50.43 -1.74 0.00	52.50 -1.81 0.00	42.12 -1.49 0.00	55.94 -2.19 0.00	64.57 -2.55 0.00	70.01 -2.65 0.00	66.87 -2.39 0.00	56.52 -2.08 0.00	55.30 -1.98 0.00	73.37 -2.61 0.00	59.87 -2.21 0.00	48.86 -1.82 0.00	44.68 -1.67 0.00
BROOKHAVEN___DRP 24191	65.69 4.30 0.00	61.48 3.85 0.00	45.79 2.87 0.00	46.52 2.69 0.00	44.97 2.64 0.00	45.89 2.68 0.00	45.62 2.64 0.00	45.04 2.73 0.00	43.21 2.91 0.00	46.58 3.24 0.00	55.64 4.40 0.00	56.82 4.65 0.00	59.10 4.79 0.00	47.13 3.51 0.00	65.88 3.35 -4.40	78.01 4.36 -6.54	85.39 5.13 -7.60	73.71 4.45 0.00	62.51 3.91 0.00	60.67 3.39 0.00	80.38 4.39 -0.01	65.71 3.61 -0.01	53.18 2.49 0.00	48.51 2.16 0.00
BROOKLYN_NAVY_YARD 23515	64.03 2.65 0.00	59.99 2.37 0.00	44.68 1.76 0.00	45.73 1.90 0.00	44.31 1.99 0.00	45.25 2.04 0.00	45.10 2.12 0.00	44.74 2.43 0.00	42.84 2.54 0.00	45.94 2.60 0.00	54.43 3.18 0.00	55.51 3.34 0.00	57.91 3.60 0.00	46.59 2.97 0.00	61.43 3.31 0.00	70.80 3.69 0.00	76.52 3.87 0.00	72.64 3.37 0.00	61.78 3.17 0.00	60.17 2.90 0.00	79.49 3.51 0.00	65.05 2.96 0.00	52.79 2.10 0.00	48.08 1.74 0.00
BROOKLYN___ARMY_DRP 323595	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
BROOME_2_LFGE 323671	60.49 -0.90 0.00	56.84 -0.79 0.00	42.21 -0.71 0.00	43.12 -0.71 0.00	41.66 -0.67 0.00	42.48 -0.73 0.00	42.30 -0.69 0.00	41.64 -0.67 0.00	39.65 -0.64 0.00	42.77 -0.57 0.00	50.49 -0.77 -0.01	52.72 -0.68 -1.22	54.66 -0.67 -1.02	43.09 -0.65 -0.12	56.82 -1.31 0.00	67.37 -1.41 -1.67	75.12 -1.48 -3.94	71.18 -1.20 -3.12	60.14 -1.17 -2.71	56.48 -0.84 -0.04	74.90 -1.08 0.00	61.10 -0.99 0.00	49.90 -0.79 0.00	45.57 -0.77 0.00
BROOME___LFGE 323600	60.49 -0.90 0.00	56.84 -0.79 0.00	42.21 -0.71 0.00	43.12 -0.71 0.00	41.66 -0.67 0.00	42.48 -0.73 0.00	42.30 -0.69 0.00	41.64 -0.67 0.00	39.65 -0.64 0.00	42.77 -0.57 0.00	50.49 -0.77 -0.01	52.72 -0.68 -1.22	54.66 -0.67 -1.02	43.09 -0.65 -0.12	56.82 -1.31 0.00	67.37 -1.41 -1.67	75.12 -1.48 -3.94	71.18 -1.20 -3.12	60.14 -1.17 -2.71	56.48 -0.84 -0.04	74.90 -1.08 0.00	61.10 -0.99 0.00	49.90 -0.79 0.00	45.57 -0.77 0.00
BROWNFLS_115KV_TB 3_5 80003	61.72 0.34 0.00	57.97 0.34 0.00	42.80 -0.12 0.00	43.08 -0.75 0.00	41.53 -0.80 0.00	42.14 -1.07 0.00	41.73 -1.25 0.00	41.07 -1.24 0.00	39.08 -1.22 0.00	42.08 -1.27 0.00	50.35 -0.89 0.00	51.17 -1.00 0.00	53.49 -0.82 0.00	42.96 -0.66 0.00	57.26 -0.87 0.00	65.59 -1.52 0.00	70.84 -1.82 0.00	67.68 -1.58 0.00	56.86 -1.74 0.00	55.61 -1.67 0.00	74.11 -1.86 0.00	60.90 -1.19 0.00	49.89 -0.80 0.00	45.50 -0.84 0.00
BROWNSV1_27_KV_LOAD 356125	64.83 3.45 0.00	60.72 3.10 0.00	45.21 2.29 0.00	46.22 2.39 0.00	44.74 2.42 0.00	45.72 2.51 0.00	45.60 2.62 0.00	45.21 2.90 0.00	43.28 2.99 0.00	46.48 3.14 0.00	55.07 3.82 0.00	56.19 4.02 0.00	58.61 4.30 0.00	47.14 3.52 0.00	62.18 4.05 0.00	71.71 4.60 0.00	77.54 4.88 0.00	73.63 4.36 0.00	62.60 4.00 0.00	60.96 3.68 0.00	80.55 4.57 0.00	65.89 3.81 0.00	53.46 2.78 0.00	48.68 2.33 0.00
BURROWS___LYONSDAL 23803	62.20 0.82 0.00	58.33 0.70 0.00	43.17 0.24 0.00	43.37 -0.46 0.00	41.89 -0.43 0.00	42.70 -0.51 0.00	42.41 -0.57 0.00	41.77 -0.54 0.00	39.81 -0.49 0.00	42.88 -0.46 0.00	50.94 -0.30 0.00	51.92 -0.25 0.00	54.34 0.03 0.00	43.60 -0.02 0.00	57.73 -0.40 0.00	66.49 -0.62 0.00	72.06 -0.59 0.00	69.00 -0.26 0.00	58.19 -0.41 0.00	56.88 -0.40 0.00	75.38 -0.59 0.00	61.49 -0.59 0.00	50.08 -0.60 0.00	45.68 -0.67 0.00
CAITHNESS_CC_1 323624	65.43 4.04 0.00	61.24 3.61 0.00	45.63 2.70 0.00	46.36 2.53 0.00	44.81 2.48 0.00	45.73 2.52 0.00	45.48 2.50 0.00	44.93 2.62 0.00	43.10 2.81 0.00	46.45 3.11 0.00	55.49 4.25 0.00	56.67 4.50 0.00	58.93 4.62 0.00	47.00 3.38 0.00	65.84 3.26 -4.46	77.89 4.15 -6.63	85.24 4.88 -7.71	73.46 4.20 0.00	62.31 3.71 0.00	60.48 3.20 0.00	80.15 4.16 -0.01	65.53 3.43 -0.01	53.07 2.38 0.00	48.39 2.05 0.00
CALPINE BETH_PAGE_GT4 24209	64.83 3.44 0.00	60.75 3.12 0.00	45.23 2.31 0.00	46.04 2.21 0.00	44.53 2.21 0.00	45.51 2.31 0.00	45.37 2.38 0.00	44.91 2.60 0.00	43.04 2.75 0.00	46.32 2.98 0.00	54.95 3.70 0.00	56.05 3.88 0.00	58.27 3.96 0.00	46.60 2.99 0.00	61.32 3.20 0.00	70.85 3.74 0.00	76.92 4.25 -0.01	73.03 3.77 0.00	61.99 3.39 0.00	60.24 2.96 0.00	79.79 3.82 0.00	65.51 3.43 0.00	53.14 2.45 0.00	48.45 2.11 0.00
CALPINE_BETH_PAGE_GT_4 323586	64.82 3.44 0.00	60.75 3.12 0.00	45.23 2.31 0.00	46.03 2.20 0.00	44.53 2.21 0.00	45.52 2.31 0.00	45.37 2.38 0.00	44.92 2.61 0.00	43.04 2.75 0.00	46.32 2.98 0.00	54.95 3.70 0.00	56.05 3.88 0.00	58.26 3.95 0.00	46.60 2.98 0.00	61.32 3.19 0.00	70.84 3.73 0.00	76.92 4.25 -0.01	73.01 3.75 0.00	61.98 3.38 0.00	60.24 2.96 0.00	79.79 3.81 0.00	65.51 3.42 0.00	53.14 2.45 0.00	48.45 2.11 0.00
CALPINE_BP_GT1 23823	64.82 3.44 0.00	60.75 3.12 0.00	45.23 2.31 0.00	46.03 2.20 0.00	44.53 2.21 0.00	45.52 2.31 0.00	45.37 2.38 0.00	44.92 2.61 0.00	43.04 2.75 0.00	46.32 2.98 0.00	54.95 3.70 0.00	56.05 3.88 0.00	58.26 3.95 0.00	46.60 2.98 0.00	61.32 3.19 0.00	70.84 3.73 0.00	76.92 4.25 -0.01	73.01 3.75 0.00	61.98 3.38 0.00	60.24 2.96 0.00	79.79 3.81 0.00	65.51 3.42 0.00	53.14 2.45 0.00	48.45 2.11 0.00
CALSPAN___DRP 24200	58.67 -2.71 0.00	55.22 -2.41 0.00	40.96 -1.96 0.00	41.77 -2.06 0.00	40.25 -2.07 0.00	40.92 -2.29 0.00	40.81 -2.17 0.00	39.88 -2.43 0.00	37.72 -2.57 0.00	40.94 -2.40 0.00	47.91 -3.28 0.05	42.97 -3.15 6.05	45.89 -3.39 5.03	39.93 -3.08 0.61	53.67 -4.46 0.00	53.47 -5.39 8.25	47.35 -5.85 19.45	48.98 -4.88 15.41	40.63 -4.55 13.42	53.39 -3.71 0.18	71.93 -4.05 0.00	58.94 -3.15 0.00	48.85 -1.84 0.00	44.81 -1.53 0.00

CALVERTON___SOLAR 323806	65.98 4.59 0.00	61.74 4.12 0.00	46.00 3.08 0.00	46.71 2.88 0.00	45.14 2.82 0.00	46.06 2.85 0.00	45.77 2.79 0.00	45.17 2.85 0.00	43.32 3.02 0.00	46.67 3.33 0.00	55.75 4.50 0.00	56.94 4.77 0.00	59.24 4.93 0.00	47.22 3.61 0.00	65.92 3.42 -4.37	78.13 4.51 -6.51	85.53 5.31 -7.56	73.89 4.62 0.00	62.65 4.05 0.00	60.81 3.53 0.00	80.56 4.58 -0.01	65.83 3.74 -0.01	53.27 2.59 0.00	48.56 2.22 0.00
CANDIGU_WT_PWR 323617	57.79 -3.60 0.00	54.80 -2.82 0.00	40.14 -2.78 0.00	40.82 -3.01 0.00	39.27 -3.06 0.00	39.84 -3.37 0.00	39.68 -3.30 0.00	39.02 -3.29 0.00	37.12 -3.18 0.00	40.10 -3.23 0.00	46.78 -4.15 0.31	12.42 -4.22 35.53	20.35 -4.41 29.55	36.23 -3.80 3.58	52.92 -5.20 0.00	12.83 -5.84 48.44	-47.88 -6.29 114.25	-27.02 -5.80 90.49	-25.31 -5.10 78.81	51.67 -4.53 1.07	70.38 -5.59 0.00	57.57 -4.51 0.00	47.32 -3.37 0.00	43.22 -3.13 0.00
CARR STREET_E_SYR 24060	60.24 -1.15 0.00	56.65 -0.98 0.00	42.15 -0.77 0.00	43.01 -0.81 0.00	41.57 -0.76 0.00	42.44 -0.77 0.00	42.23 -0.75 0.00	41.48 -0.83 0.00	39.44 -0.86 0.00	42.43 -0.91 0.00	50.12 -1.13 0.00	51.10 -1.07 0.00	53.20 -1.11 0.00	42.68 -0.93 0.00	56.64 -1.49 0.00	65.41 -1.70 0.00	70.89 -1.77 0.00	67.72 -1.54 0.00	57.22 -1.38 0.00	56.04 -1.25 0.00	74.32 -1.65 0.00	60.66 -1.43 0.00	49.51 -1.17 0.00	45.27 -1.08 0.00
CARTHAGE___PAPER 23857	62.10 0.72 0.00	58.21 0.59 0.00	42.93 0.01 0.00	42.72 -1.11 0.00	41.18 -1.14 0.00	41.94 -1.27 0.00	41.53 -1.46 0.00	40.86 -1.45 0.00	38.91 -1.38 0.00	41.97 -1.37 0.00	50.10 -1.15 0.00	51.05 -1.13 0.00	53.54 -0.77 0.00	42.96 -0.65 0.00	56.95 -1.18 0.00	65.39 -1.72 0.00	70.97 -1.69 0.00	68.08 -1.18 0.00	57.28 -1.32 0.00	55.98 -1.30 0.00	74.36 -1.62 0.00	60.60 -1.49 0.00	49.38 -1.30 0.00	44.93 -1.42 0.00
CASSADAGA_WT_PWR 323784	57.60 -3.78 0.00	53.60 -4.03 0.00	39.66 -3.27 0.00	39.30 -4.52 0.00	37.52 -4.80 0.00	38.23 -4.98 0.00	38.24 -4.74 0.00	37.50 -4.82 0.00	35.85 -4.44 0.00	38.70 -4.64 0.00	45.18 -6.03 0.04	42.13 -5.75 4.29	45.08 -5.66 3.57	38.28 -4.90 0.43	50.82 -7.31 0.00	53.62 -7.64 5.85	49.91 -8.95 13.79	50.04 -8.30 10.93	41.77 -7.32 9.51	50.69 -6.46 0.13	68.80 -7.18 0.00	56.75 -5.34 0.00	47.19 -3.49 0.00	43.18 -3.16 0.00
CE_DUNWOOD___DRP 24194	63.91 2.53 0.00	59.86 2.23 0.00	44.60 1.68 0.00	45.54 1.72 0.00	44.07 1.74 0.00	45.05 1.84 0.00	44.93 1.95 0.00	44.49 2.18 0.00	42.58 2.28 0.00	45.78 2.44 0.00	54.18 2.93 0.00	55.23 3.06 0.00	57.59 3.28 0.00	46.30 2.68 0.00	61.12 3.00 0.00	70.48 3.37 0.00	76.24 3.58 0.00	72.39 3.12 0.00	61.50 2.90 0.00	59.90 2.62 0.00	79.22 3.24 0.00	64.79 2.71 0.00	52.63 1.94 0.00	47.97 1.62 0.00
CE_MILLWOOD___DRP 24193	63.77 2.38 0.00	59.77 2.15 0.00	44.55 1.63 0.00	45.48 1.66 0.00	44.01 1.68 0.00	44.99 1.78 0.00	44.87 1.89 0.00	44.43 2.12 0.00	42.50 2.21 0.00	45.71 2.36 0.00	54.09 2.84 0.00	55.14 2.97 0.00	57.49 3.18 0.00	46.22 2.61 0.00	61.03 2.90 0.00	70.37 3.25 0.00	76.14 3.48 0.00	72.31 3.04 0.00	61.40 2.80 0.00	59.80 2.52 0.00	79.11 3.13 0.00	64.70 2.62 0.00	52.55 1.87 0.00	47.90 1.56 0.00
CE_NYC2_DRP 24202	64.33 2.95 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.93 2.10 0.00	44.48 2.16 0.00	45.41 2.20 0.00	45.30 2.31 0.00	44.91 2.60 0.00	42.98 2.68 0.00	46.15 2.81 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.85 0.00	46.77 3.16 0.00	61.59 3.46 0.00	71.13 4.02 0.00	76.87 4.22 0.00	72.96 3.69 0.00	62.10 3.50 0.00	60.41 3.13 0.00	79.82 3.84 0.00	65.33 3.25 0.00	53.02 2.33 0.00	48.26 1.92 0.00
CE_NYC_DRP 24195	64.22 2.84 0.00	60.20 2.57 0.00	44.81 1.89 0.00	45.82 1.99 0.00	44.36 2.04 0.00	45.33 2.12 0.00	45.22 2.23 0.00	44.82 2.51 0.00	42.90 2.60 0.00	46.06 2.72 0.00	54.55 3.31 0.00	55.65 3.47 0.00	58.03 3.72 0.00	46.68 3.07 0.00	61.58 3.45 0.00	71.01 3.90 0.00	76.76 4.11 0.00	72.87 3.61 0.00	61.96 3.36 0.00	60.33 3.05 0.00	79.72 3.74 0.00	65.23 3.15 0.00	52.94 2.25 0.00	48.21 1.87 0.00
CHAFFEE___LFGE 323603	59.00 -2.39 0.00	55.53 -2.10 0.00	41.18 -1.74 0.00	42.02 -1.81 0.00	40.50 -1.82 0.00	41.19 -2.02 0.00	41.08 -1.91 0.00	40.14 -2.17 0.00	38.02 -2.28 0.00	41.27 -2.08 0.00	48.33 -2.88 0.04	44.65 -2.70 4.82	47.33 -2.97 4.01	40.42 -2.71 0.49	54.11 -4.01 0.00	55.70 -4.84 6.57	51.96 -5.19 15.51	52.76 -4.23 12.28	43.96 -3.94 10.70	53.93 -3.20 0.15	72.56 -3.43 0.00	59.43 -2.66 0.00	49.20 -1.49 0.00	45.11 -1.23 0.00
CHATEAUG_35_KV_LOAD 355732	62.64 1.25 0.00	58.65 1.02 0.00	43.66 0.73 0.00	44.66 0.84 0.00	43.07 0.75 0.00	43.86 0.65 0.00	43.26 0.27 0.00	42.38 0.07 0.00	40.24 -0.05 0.00	43.23 -0.12 0.00	51.39 0.15 0.00	51.89 -0.28 0.00	53.85 -0.46 0.00	43.32 -0.30 0.00	58.24 0.11 0.00	67.29 0.18 0.00	72.76 0.10 0.00	69.39 0.13 0.00	58.38 -0.22 0.00	57.06 -0.22 0.00	76.05 0.07 0.00	62.19 0.10 0.00	50.94 0.26 0.00	46.39 0.04 0.00
CHATEAUG_WT_PWR 323614	62.45 1.06 0.00	58.50 0.87 0.00	43.54 0.62 0.00	44.55 0.72 0.00	42.98 0.65 0.00	43.75 0.54 0.00	43.18 0.20 0.00	42.30 -0.01 0.00	40.19 -0.10 0.00	43.18 -0.16 0.00	51.32 0.08 0.00	51.84 -0.33 0.00	53.81 -0.50 0.00	43.27 -0.35 0.00	58.15 0.02 0.00	67.16 0.05 0.00	72.57 -0.09 0.00	69.18 -0.08 0.00	58.22 -0.37 0.00	56.94 -0.34 0.00	75.83 -0.15 0.00	62.02 -0.07 0.00	50.81 0.12 0.00	46.29 -0.06 0.00
CHAT_HIGH_FALL_HYD 323578	62.64 1.25 0.00	58.65 1.02 0.00	43.66 0.73 0.00	44.66 0.84 0.00	43.07 0.75 0.00	43.86 0.65 0.00	43.26 0.27 0.00	42.38 0.07 0.00	40.24 -0.05 0.00	43.23 -0.12 0.00	51.39 0.15 0.00	51.89 -0.28 0.00	53.85 -0.46 0.00	43.32 -0.30 0.00	58.24 0.11 0.00	67.29 0.18 0.00	72.76 0.10 0.00	69.39 0.13 0.00	58.38 -0.22 0.00	57.06 -0.22 0.00	76.05 0.07 0.00	62.19 0.10 0.00	50.94 0.26 0.00	46.39 0.04 0.00
CHAUTAUQUA___LFGE 323629	58.00 -3.38 0.00	54.33 -3.29 0.00	40.23 -2.69 0.00	40.53 -3.29 0.00	38.91 -3.41 0.00	39.59 -3.62 0.00	39.53 -3.45 0.00	38.73 -3.58 0.00	36.78 -3.51 0.00	39.89 -3.45 0.00	46.61 -4.59 0.05	42.28 -4.44 5.45	45.28 -4.49 4.53	39.16 -3.91 0.55	52.24 -5.89 0.00	53.14 -6.54 7.43	47.82 -7.31 17.52	48.92 -6.46 13.88	40.74 -5.78 12.09	52.17 -4.95 0.16	70.44 -5.54 0.00	57.77 -4.32 0.00	47.86 -2.83 0.00	43.86 -2.49 0.00
CHERRYST_13_KV_LD 356241	64.39 3.00 0.00	60.32 2.69 0.00	44.92 2.00 0.00	45.93 2.10 0.00	44.47 2.15 0.00	45.44 2.24 0.00	45.33 2.35 0.00	44.93 2.62 0.00	43.01 2.71 0.00	46.18 2.84 0.00	54.69 3.45 0.00	55.80 3.63 0.00	58.19 3.88 0.00	46.81 3.20 0.00	61.74 3.61 0.00	71.19 4.08 0.00	76.98 4.32 0.00	73.07 3.80 0.00	62.11 3.51 0.00	60.48 3.20 0.00	79.93 3.95 0.00	65.40 3.32 0.00	53.08 2.39 0.00	48.33 1.99 0.00

CHESTROR_138KV_BK263 355645	63.21 1.82 0.00	59.26 1.63 0.00	44.17 1.25 0.00	45.09 1.26 0.00	43.61 1.28 0.00	44.57 1.36 0.00	44.47 1.49 0.00	43.97 1.66 0.00	42.06 1.76 0.00	45.27 1.93 0.00	53.53 2.29 0.00	54.55 2.38 0.00	56.87 2.56 0.00	45.73 2.12 0.00	60.45 2.32 0.00	69.72 2.61 0.00	75.44 2.78 0.00	71.68 2.42 0.00	60.83 2.23 0.00	59.27 1.99 0.00	78.43 2.45 0.00	64.13 2.05 0.00	52.13 1.45 0.00	47.54 1.20 0.00
CH_MIDHUDSON___DRP 24192	63.96 2.57 0.00	59.94 2.31 0.00	44.69 1.77 0.00	45.63 1.80 0.00	44.15 1.82 0.00	45.13 1.92 0.00	45.02 2.04 0.00	44.55 2.24 0.00	42.62 2.32 0.00	45.86 2.52 0.00	54.22 2.97 0.00	55.28 3.11 0.00	57.63 3.32 0.00	46.32 2.71 0.00	61.18 3.06 0.00	70.57 3.46 0.00	76.36 3.70 0.00	72.57 3.30 0.00	61.59 2.99 0.00	59.99 2.71 0.00	79.34 3.36 0.00	64.84 2.75 0.00	52.71 2.02 0.00	48.07 1.73 0.00
CH_MISC_IPPS 23765	64.21 2.82 0.00	60.18 2.55 0.00	44.86 1.93 0.00	45.79 1.96 0.00	44.30 1.98 0.00	45.28 2.07 0.00	45.18 2.20 0.00	44.71 2.40 0.00	42.78 2.48 0.00	46.04 2.70 0.00	54.45 3.21 0.00	55.53 3.36 0.00	57.90 3.59 0.00	46.55 2.94 0.00	61.49 3.37 0.00	70.93 3.82 0.00	76.76 4.10 0.00	72.97 3.71 0.00	61.93 3.33 0.00	60.30 3.02 0.00	79.77 3.79 0.00	65.18 3.10 0.00	52.96 2.27 0.00	48.26 1.92 0.00
CH_RES_BVR_FALLS 23983	61.45 0.06 0.00	57.69 0.06 0.00	42.97 0.04 0.00	43.87 0.04 0.00	42.37 0.04 0.00	43.23 0.02 0.00	42.98 0.00 0.00	42.30 -0.01 0.00	40.26 -0.04 0.00	43.30 -0.04 0.00	51.23 -0.01 0.00	52.12 -0.05 0.00	54.26 -0.05 0.00	43.57 -0.04 0.00	58.07 -0.06 0.00	67.03 -0.08 0.00	72.52 -0.14 0.00	69.17 -0.10 0.00	58.48 -0.12 0.00	57.17 -0.11 0.00	75.88 -0.10 0.00	62.03 -0.06 0.00	50.64 -0.05 0.00	46.30 -0.05 0.00
CH_RES_NIAGARA 23895	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
CH_RES_SYRACUSE 23985	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.42 -0.82 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.77 0.00	56.98 -1.14 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.04 0.00	57.62 -0.97 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
CLINTON_WT_PWR 323605	62.45 1.06 0.00	58.50 0.87 0.00	43.54 0.62 0.00	44.55 0.72 0.00	42.98 0.65 0.00	43.75 0.54 0.00	43.18 0.20 0.00	42.30 -0.01 0.00	40.19 -0.10 0.00	43.18 -0.16 0.00	51.32 0.08 0.00	51.84 -0.33 0.00	53.81 -0.50 0.00	43.27 -0.35 0.00	58.15 0.02 0.00	67.16 0.05 0.00	72.57 -0.09 0.00	69.18 -0.08 0.00	58.22 -0.37 0.00	56.94 -0.34 0.00	75.83 -0.15 0.00	62.02 -0.07 0.00	50.81 0.12 0.00	46.29 -0.06 0.00
CLINTON___LFGE 323618	63.69 2.30 0.00	59.63 2.01 0.00	44.40 1.48 0.00	45.40 1.57 0.00	43.79 1.46 0.00	44.59 1.38 0.00	44.00 1.02 0.00	43.14 0.82 0.00	40.98 0.68 0.00	43.99 0.65 0.00	52.34 1.10 0.00	52.96 0.78 0.00	54.93 0.62 0.00	44.13 0.51 0.00	59.22 1.10 0.00	68.41 1.30 0.00	73.91 1.26 0.00	70.52 1.25 0.00	59.37 0.77 0.00	58.01 0.73 0.00	77.23 1.26 0.00	63.20 1.12 0.00	51.71 1.03 0.00	47.11 0.76 0.00
COBBLENY_34_KV_TB1 80064	59.00 -2.39 0.00	55.53 -2.10 0.00	41.18 -1.74 0.00	42.02 -1.81 0.00	40.50 -1.82 0.00	41.18 -2.03 0.00	41.08 -1.91 0.00	40.17 -2.15 0.00	38.02 -2.27 0.00	41.26 -2.08 0.00	48.32 -2.88 0.04	44.62 -2.72 4.82	47.31 -2.98 4.01	40.39 -2.74 0.49	54.11 -4.02 0.00	55.69 -4.85 6.57	51.93 -5.22 15.51	52.72 -4.26 12.28	43.90 -4.01 10.70	53.92 -3.21 0.15	72.57 -3.41 0.00	59.43 -2.66 0.00	49.20 -1.48 0.00	45.09 -1.26 0.00
COFFEEN___115KV_TB3 355620	61.61 0.23 0.00	57.76 0.13 0.00	42.62 -0.30 0.00	42.36 -1.46 0.00	40.82 -1.51 0.00	41.62 -1.59 0.00	41.31 -1.67 0.00	40.60 -1.71 0.00	38.67 -1.63 0.00	41.73 -1.62 0.00	49.71 -1.53 0.00	50.69 -1.48 0.00	53.18 -1.13 0.00	42.66 -0.96 0.00	56.52 -1.61 0.00	64.94 -2.17 0.00	70.65 -2.01 0.00	67.85 -1.41 0.00	57.11 -1.48 0.00	55.81 -1.47 0.00	74.07 -1.91 0.00	60.17 -1.91 0.00	48.97 -1.72 0.00	44.53 -1.82 0.00
COLDSPRG_115KV_BK1 355956	58.94 -2.44 0.00	55.11 -2.52 0.00	40.89 -2.03 0.00	41.10 -2.73 0.00	39.41 -2.92 0.00	40.07 -3.14 0.00	39.96 -3.02 0.00	39.24 -3.07 0.00	37.40 -2.90 0.00	40.49 -2.85 0.00	47.52 -3.70 0.02	46.20 -3.52 2.46	48.76 -3.51 2.05	40.19 -3.17 0.25	53.08 -5.05 0.00	58.29 -5.47 3.35	58.69 -6.07 7.90	57.58 -5.42 6.26	48.23 -4.92 5.45	53.14 -4.07 0.07	71.58 -4.40 0.00	58.84 -3.25 0.00	48.73 -1.96 0.00	44.67 -1.68 0.00
COLONIE_LFGE___ 323577	63.75 2.37 0.00	59.74 2.11 0.00	44.60 1.68 0.00	45.54 1.71 0.00	44.01 1.69 0.00	44.98 1.77 0.00	44.81 1.83 0.00	44.22 1.91 0.00	42.25 1.95 0.00	45.48 2.14 0.00	53.74 2.50 0.00	54.75 2.58 0.00	57.03 2.72 0.00	45.80 2.18 0.00	60.71 2.58 0.00	70.05 2.94 0.00	75.73 3.07 0.00	71.97 2.71 0.00	61.00 2.40 0.00	59.53 2.25 0.00	78.78 2.80 0.00	64.45 2.37 0.00	52.54 1.85 0.00	48.08 1.73 0.00
COOPERNY_115KV_TB1 80082	62.59 1.21 0.00	58.72 1.09 0.00	43.76 0.83 0.00	44.66 0.84 0.00	43.19 0.86 0.00	44.13 0.92 0.00	44.00 1.02 0.00	43.47 1.16 0.00	41.53 1.23 0.00	44.70 1.36 0.00	52.83 1.59 0.00	53.85 1.68 0.00	56.11 1.80 0.00	45.11 1.49 0.00	59.68 1.56 0.00	68.85 1.74 0.00	74.52 1.87 0.00	70.88 1.62 0.00	60.12 1.52 0.00	58.63 1.35 0.00	77.63 1.66 0.00	63.44 1.35 0.00	51.64 0.96 0.00	47.12 0.78 0.00
COPENHAGEN_WT_PWR 323753	61.26 -0.13 0.00	57.46 -0.17 0.00	42.37 -0.55 0.00	41.91 -1.92 0.00	40.30 -2.03 0.00	41.09 -2.12 0.00	40.72 -2.27 0.00	39.96 -2.35 0.00	38.04 -2.25 0.00	41.04 -2.31 0.00	48.88 -2.36 0.00	49.86 -2.31 0.00	52.35 -1.96 0.00	41.97 -1.64 0.00	55.56 -2.57 0.00	63.83 -3.28 0.00	69.42 -3.24 0.00	66.67 -2.59 0.00	56.11 -2.49 0.00	54.84 -2.44 0.00	72.83 -3.14 0.00	59.14 -2.94 0.00	48.16 -2.53 0.00	43.83 -2.52 0.00
CORNELL_____ 23752	61.58 0.20 0.00	57.82 0.19 0.00	42.92 0.00 0.00	43.84 0.01 0.00	42.34 0.01 0.00	43.20 -0.02 0.00	43.01 0.03 0.00	42.35 0.04 0.00	40.33 0.04 0.00	43.45 0.10 0.00	51.32 0.05 -0.03	55.58 0.17 -3.24	57.17 0.17 -2.69	43.97 0.02 -0.33	57.76 -0.36 0.00	71.37 -0.15 -4.41	83.13 0.07 -10.40	77.88 0.37 -8.24	65.96 0.18 -7.18	57.82 0.44 -0.10	76.45 0.48 0.00	62.25 0.16 0.00	50.75 0.06 0.00	46.33 -0.02 0.00

CORONA V_69 KV_TB1 355595	65.07 3.69 0.00	60.99 3.37 0.00	45.41 2.49 0.00	46.24 2.41 0.00	44.76 2.43 0.00	45.74 2.53 0.00	45.60 2.62 0.00	45.15 2.83 0.00	43.26 2.96 0.00	46.59 3.25 0.00	55.43 4.18 0.00	56.54 4.37 0.00	58.76 4.45 0.00	47.10 3.48 0.00	62.03 3.90 0.00	71.67 4.56 0.00	77.78 5.11 -0.01	73.77 4.51 0.00	62.63 4.03 0.00	60.90 3.62 0.00	80.62 4.64 0.00	65.89 3.80 0.00	53.42 2.74 0.00	48.70 2.35 0.00
CORTLAND_115KV_TB3 80093	61.25 -0.14 0.00	57.53 -0.10 0.00	42.75 -0.17 0.00	43.64 -0.19 0.00	42.17 -0.16 0.00	43.04 -0.17 0.00	42.85 -0.13 0.00	42.18 -0.13 0.00	40.17 -0.12 0.00	43.27 -0.07 0.00	51.11 -0.14 -0.01	53.24 -0.03 -1.10	55.22 0.00 -0.91	43.63 -0.09 -0.11	57.64 -0.49 0.00	68.18 -0.43 -1.50	75.79 -0.39 -3.53	71.89 -0.17 -2.80	60.78 -0.26 -2.44	57.24 -0.07 -0.03	75.83 -0.15 0.00	61.82 -0.27 0.00	50.41 -0.28 0.00	46.02 -0.32 0.00
COXSACKIE__GT 23611	65.69 4.30 0.00	61.57 3.94 0.00	45.98 3.06 0.00	46.91 3.08 0.00	45.34 3.01 0.00	46.35 3.14 0.00	46.25 3.27 0.00	45.76 3.45 0.00	43.81 3.51 0.00	47.25 3.91 0.00	55.81 4.56 0.00	56.74 4.57 0.00	59.07 4.76 0.00	47.56 3.94 0.00	62.97 4.85 0.00	72.79 5.68 0.00	78.97 6.31 0.00	75.20 5.94 0.00	63.63 5.03 0.00	61.88 4.59 0.00	81.63 5.65 0.00	66.55 4.47 0.00	54.18 3.49 0.00	49.48 3.14 0.00
CPV_VALLEY__CC1 323721	62.73 1.34 0.00	58.83 1.20 0.00	43.87 0.95 0.00	44.78 0.95 0.00	43.29 0.97 0.00	44.26 1.05 0.00	44.13 1.15 0.00	43.64 1.33 0.00	41.73 1.44 0.00	44.91 1.57 0.00	53.08 1.83 0.00	54.10 1.93 0.00	56.38 2.07 0.00	45.36 1.74 0.00	59.94 1.81 0.00	69.12 2.01 0.00	74.79 2.13 0.00	71.09 1.83 0.00	60.33 1.72 0.00	58.78 1.49 0.00	77.81 1.83 0.00	63.61 1.52 0.00	51.74 1.06 0.00	47.21 0.86 0.00
CPV_VALLEY__CC2 323722	62.73 1.34 0.00	58.83 1.20 0.00	43.87 0.95 0.00	44.78 0.95 0.00	43.29 0.97 0.00	44.26 1.05 0.00	44.13 1.15 0.00	43.64 1.33 0.00	41.73 1.44 0.00	44.91 1.57 0.00	53.08 1.83 0.00	54.10 1.93 0.00	56.38 2.07 0.00	45.36 1.74 0.00	59.94 1.81 0.00	69.12 2.01 0.00	74.79 2.13 0.00	71.09 1.83 0.00	60.33 1.72 0.00	58.78 1.49 0.00	77.81 1.83 0.00	63.61 1.52 0.00	51.74 1.06 0.00	47.21 0.86 0.00
CRESCENT__HYD 24018	63.75 2.37 0.00	59.74 2.11 0.00	44.60 1.68 0.00	45.54 1.71 0.00	44.01 1.69 0.00	44.98 1.77 0.00	44.81 1.83 0.00	44.22 1.91 0.00	42.25 1.95 0.00	45.48 2.14 0.00	53.74 2.50 0.00	54.75 2.58 0.00	57.03 2.72 0.00	45.80 2.18 0.00	60.71 2.58 0.00	70.05 2.94 0.00	75.73 3.07 0.00	71.97 2.71 0.00	61.00 2.40 0.00	59.53 2.25 0.00	78.78 2.80 0.00	64.45 2.37 0.00	52.54 1.85 0.00	48.08 1.73 0.00
CRICKET__VALLEY_CC1 323756	63.41 2.03 0.00	59.45 1.82 0.00	44.39 1.47 0.00	45.35 1.52 0.00	43.88 1.56 0.00	44.86 1.65 0.00	44.75 1.77 0.00	44.26 1.95 0.00	42.32 2.03 0.00	45.51 2.17 0.00	53.73 2.49 0.00	54.75 2.59 0.00	57.07 2.76 0.00	45.87 2.26 0.00	60.59 2.47 0.00	69.90 2.79 0.00	75.61 2.96 0.00	71.86 2.59 0.00	61.01 2.41 0.00	59.39 2.11 0.00	78.54 2.57 0.00	64.23 2.15 0.00	52.24 1.56 0.00	47.66 1.31 0.00
CRICKET__VALLEY_CC2 323757	63.41 2.03 0.00	59.45 1.82 0.00	44.39 1.47 0.00	45.35 1.52 0.00	43.88 1.56 0.00	44.86 1.65 0.00	44.75 1.77 0.00	44.26 1.95 0.00	42.32 2.03 0.00	45.51 2.17 0.00	53.73 2.49 0.00	54.75 2.59 0.00	57.07 2.76 0.00	45.87 2.26 0.00	60.59 2.47 0.00	69.90 2.79 0.00	75.61 2.96 0.00	71.86 2.59 0.00	61.01 2.41 0.00	59.39 2.11 0.00	78.54 2.57 0.00	64.23 2.15 0.00	52.24 1.56 0.00	47.66 1.31 0.00
CRICKET__VALLEY_CC3 323758	63.41 2.03 0.00	59.45 1.82 0.00	44.39 1.47 0.00	45.35 1.52 0.00	43.88 1.56 0.00	44.86 1.65 0.00	44.75 1.77 0.00	44.26 1.95 0.00	42.32 2.03 0.00	45.51 2.17 0.00	53.73 2.49 0.00	54.75 2.59 0.00	57.07 2.76 0.00	45.87 2.26 0.00	60.59 2.47 0.00	69.90 2.79 0.00	75.61 2.96 0.00	71.86 2.59 0.00	61.01 2.41 0.00	59.39 2.11 0.00	78.54 2.57 0.00	64.23 2.15 0.00	52.24 1.56 0.00	47.66 1.31 0.00
CRUCIBLE_METL_DRP 24180	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.41 -0.83 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.68 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.05 0.00	57.63 -0.98 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
DAHOWA__HYDRO 323763	65.40 4.02 0.00	61.18 3.55 0.00	45.62 2.70 0.00	46.59 2.76 0.00	44.94 2.62 0.00	45.98 2.77 0.00	45.88 2.90 0.00	45.37 3.06 0.00	43.38 3.08 0.00	46.76 3.42 0.00	55.26 4.02 0.00	56.33 4.16 0.00	58.69 4.38 0.00	47.09 3.48 0.00	62.44 4.32 0.00	72.10 4.99 0.00	78.05 5.39 0.00	74.11 4.85 0.00	62.76 4.16 0.00	61.22 3.94 0.00	80.88 4.90 0.00	66.13 4.04 0.00	53.86 3.18 0.00	49.22 2.87 0.00
DANC__LFGE 323619	60.71 -0.67 0.00	56.99 -0.64 0.00	42.16 -0.76 0.00	42.23 -1.60 0.00	40.69 -1.63 0.00	41.48 -1.73 0.00	41.14 -1.84 0.00	40.40 -1.91 0.00	38.44 -1.86 0.00	41.42 -1.92 0.00	49.22 -2.02 0.00	50.22 -1.95 0.00	52.54 -1.77 0.00	42.14 -1.48 0.00	55.86 -2.27 0.00	64.28 -2.83 0.00	69.79 -2.86 0.00	66.83 -2.43 0.00	56.35 -2.25 0.00	55.09 -2.19 0.00	73.14 -2.84 0.00	59.56 -2.52 0.00	48.54 -2.15 0.00	44.28 -2.07 0.00
DANSKAMMER__1 23586	64.21 2.82 0.00	60.18 2.55 0.00	44.86 1.93 0.00	45.79 1.96 0.00	44.30 1.98 0.00	45.28 2.07 0.00	45.18 2.20 0.00	44.71 2.40 0.00	42.78 2.48 0.00	46.04 2.70 0.00	54.45 3.21 0.00	55.53 3.36 0.00	57.90 3.59 0.00	46.55 2.94 0.00	61.49 3.37 0.00	70.93 3.82 0.00	76.76 4.10 0.00	72.97 3.71 0.00	61.93 3.33 0.00	60.30 3.02 0.00	79.77 3.79 0.00	65.18 3.10 0.00	52.96 2.27 0.00	48.26 1.92 0.00
DANSKAMMER__2 23589	64.21 2.82 0.00	60.18 2.55 0.00	44.86 1.93 0.00	45.79 1.96 0.00	44.30 1.98 0.00	45.28 2.07 0.00	45.18 2.20 0.00	44.71 2.40 0.00	42.78 2.48 0.00	46.04 2.70 0.00	54.45 3.21 0.00	55.53 3.36 0.00	57.90 3.59 0.00	46.55 2.94 0.00	61.49 3.37 0.00	70.93 3.82 0.00	76.76 4.10 0.00	72.97 3.71 0.00	61.93 3.33 0.00	60.30 3.02 0.00	79.77 3.79 0.00	65.18 3.10 0.00	52.96 2.27 0.00	48.26 1.92 0.00
DANSKAMMER__3 23590	64.21 2.82 0.00	60.18 2.55 0.00	44.86 1.93 0.00	45.79 1.96 0.00	44.30 1.98 0.00	45.28 2.07 0.00	45.18 2.20 0.00	44.71 2.40 0.00	42.78 2.48 0.00	46.04 2.70 0.00	54.45 3.21 0.00	55.53 3.36 0.00	57.90 3.59 0.00	46.55 2.94 0.00	61.49 3.37 0.00	70.93 3.82 0.00	76.76 4.10 0.00	72.97 3.71 0.00	61.93 3.33 0.00	60.30 3.02 0.00	79.77 3.79 0.00	65.18 3.10 0.00	52.96 2.27 0.00	48.26 1.92 0.00

DANSKAMMER___4 23591	64.21 2.82 0.00	60.18 2.55 0.00	44.86 1.93 0.00	45.79 1.96 0.00	44.30 1.98 0.00	45.28 2.07 0.00	45.18 2.20 0.00	44.71 2.40 0.00	42.78 2.48 0.00	46.04 2.70 0.00	54.45 3.21 0.00	55.53 3.36 0.00	57.90 3.59 0.00	46.55 2.94 0.00	61.49 3.37 0.00	70.93 3.82 0.00	76.76 4.10 0.00	72.97 3.71 0.00	61.93 3.33 0.00	60.30 3.02 0.00	79.77 3.79 0.00	65.18 3.10 0.00	52.96 2.27 0.00	48.26 1.92 0.00
DANSKAMMER___DIESEL 23592	64.21 2.82 0.00	60.18 2.55 0.00	44.85 1.93 0.00	45.79 1.96 0.00	44.30 1.98 0.00	45.28 2.08 0.00	45.18 2.20 0.00	44.71 2.40 0.00	42.78 2.48 0.00	46.04 2.70 0.00	54.45 3.21 0.00	55.53 3.36 0.00	57.90 3.59 0.00	46.56 2.94 0.00	61.50 3.37 0.00	70.94 3.83 0.00	76.76 4.11 0.00	72.98 3.71 0.00	61.93 3.33 0.00	60.32 3.04 0.00	79.78 3.80 0.00	65.18 3.10 0.00	52.96 2.27 0.00	48.26 1.92 0.00
DARBY___SOLAR 323810	65.04 3.66 0.00	60.86 3.23 0.00	45.39 2.46 0.00	46.36 2.53 0.00	44.73 2.40 0.00	45.76 2.54 0.00	45.63 2.65 0.00	45.11 2.80 0.00	43.11 2.81 0.00	46.46 3.12 0.00	54.91 3.67 0.00	55.96 3.79 0.00	58.28 3.97 0.00	46.79 3.17 0.00	62.04 3.91 0.00	71.66 4.54 0.00	77.53 4.88 0.00	73.64 4.38 0.00	62.36 3.76 0.00	60.84 3.56 0.00	80.40 4.43 0.00	65.74 3.66 0.00	53.56 2.87 0.00	48.97 2.62 0.00
DASHVILLE___HYD 23610	63.54 2.16 0.00	59.57 1.94 0.00	44.40 1.47 0.00	45.32 1.49 0.00	43.85 1.53 0.00	44.83 1.62 0.00	44.72 1.74 0.00	44.24 1.94 0.00	42.33 2.03 0.00	45.57 2.23 0.00	53.90 2.66 0.00	54.97 2.80 0.00	57.30 2.99 0.00	46.06 2.45 0.00	60.85 2.72 0.00	70.17 3.05 0.00	75.91 3.26 0.00	72.16 2.90 0.00	61.22 2.62 0.00	59.63 2.35 0.00	78.87 2.89 0.00	64.46 2.37 0.00	52.38 1.70 0.00	47.78 1.43 0.00
DELAWARE___LFGE 323621	62.40 1.02 0.00	58.54 0.92 0.00	43.59 0.67 0.00	44.49 0.67 0.00	43.00 0.68 0.00	43.92 0.71 0.00	43.74 0.75 0.00	43.13 0.82 0.00	41.19 0.90 0.00	44.40 1.06 0.00	52.41 1.17 0.00	53.43 1.26 0.00	55.67 1.36 0.00	44.66 1.04 0.00	59.16 1.03 0.00	68.35 1.24 0.00	74.01 1.36 0.00	70.55 1.29 0.00	59.80 1.20 0.00	58.38 1.10 0.00	77.32 1.34 0.00	63.08 1.00 0.00	51.36 0.68 0.00	46.94 0.59 0.00
DERFIELD_115KV_TB7 355931	61.61 0.23 0.00	57.80 0.17 0.00	43.05 0.13 0.00	43.96 0.13 0.00	42.45 0.13 0.00	43.34 0.13 0.00	43.15 0.17 0.00	42.48 0.17 0.00	40.50 0.20 0.00	43.55 0.21 0.00	51.48 0.24 0.00	52.44 0.26 0.00	54.64 0.32 0.00	43.87 0.25 0.00	58.30 0.17 0.00	67.31 0.20 0.00	72.82 0.16 0.00	69.40 0.14 0.00	58.72 0.12 0.00	57.39 0.11 0.00	76.06 0.08 0.00	62.20 0.12 0.00	50.74 0.05 0.00	46.39 0.05 0.00
DOGLEVILLE___HYD 23807	64.82 3.44 0.00	60.58 2.95 0.00	45.10 2.18 0.00	46.05 2.22 0.00	44.56 2.23 0.00	45.49 2.28 0.00	45.45 2.47 0.00	44.91 2.60 0.00	43.02 2.73 0.00	46.24 2.90 0.00	54.59 3.35 0.00	55.93 3.76 0.00	58.51 4.20 0.00	47.01 3.40 0.00	62.35 4.22 0.00	71.99 4.88 0.00	78.09 5.43 0.00	74.10 4.83 0.00	62.81 4.21 0.00	61.22 3.94 0.00	80.93 4.95 0.00	65.94 3.85 0.00	53.46 2.78 0.00	48.79 2.44 0.00
DUNKIRK__115KV_TB_200 55889	58.03 -3.35 0.00	54.41 -3.22 0.00	40.27 -2.65 0.00	40.66 -3.17 0.00	39.06 -3.26 0.00	39.73 -3.47 0.00	39.68 -3.30 0.00	38.88 -3.43 0.00	36.90 -3.39 0.00	40.01 -3.33 0.00	46.76 -4.44 0.05	42.31 -4.30 5.56	45.32 -4.36 4.63	39.23 -3.82 0.56	52.38 -5.75 0.00	53.12 -6.41 7.58	47.61 -7.16 17.88	48.82 -6.27 14.17	40.60 -5.67 12.34	52.33 -4.79 0.17	70.62 -5.36 0.00	57.90 -4.18 0.00	47.94 -2.75 0.00	43.92 -2.43 0.00
DUNKIRK___1 23563	58.03 -3.35 0.00	54.41 -3.22 0.00	40.27 -2.65 0.00	40.66 -3.17 0.00	39.06 -3.26 0.00	39.73 -3.47 0.00	39.68 -3.30 0.00	38.88 -3.43 0.00	36.90 -3.39 0.00	40.01 -3.33 0.00	46.76 -4.44 0.05	42.31 -4.30 5.56	45.32 -4.36 4.63	39.23 -3.82 0.56	52.38 -5.75 0.00	53.12 -6.41 7.58	47.61 -7.16 17.88	48.82 -6.27 14.17	40.60 -5.67 12.34	52.33 -4.79 0.17	70.62 -5.36 0.00	57.90 -4.18 0.00	47.94 -2.75 0.00	43.92 -2.43 0.00
DUNKIRK___2 23564	58.03 -3.35 0.00	54.41 -3.22 0.00	40.27 -2.65 0.00	40.66 -3.17 0.00	39.06 -3.26 0.00	39.73 -3.47 0.00	39.68 -3.30 0.00	38.88 -3.43 0.00	36.90 -3.39 0.00	40.01 -3.33 0.00	46.76 -4.44 0.05	42.31 -4.30 5.56	45.32 -4.36 4.63	39.23 -3.82 0.56	52.38 -5.75 0.00	53.12 -6.41 7.58	47.61 -7.16 17.88	48.82 -6.27 14.17	40.60 -5.67 12.34	52.33 -4.79 0.17	70.62 -5.36 0.00	57.90 -4.18 0.00	47.94 -2.75 0.00	43.92 -2.43 0.00
DUNKIRK___3 23565	58.13 -3.26 0.00	54.57 -3.07 0.00	40.42 -2.50 0.00	40.98 -2.85 0.00	39.42 -2.91 0.00	40.09 -3.12 0.00	40.00 -2.99 0.00	39.17 -3.14 0.00	37.14 -3.16 0.00	40.28 -3.06 0.00	47.12 -4.07 0.05	42.14 -3.91 6.11	45.17 -4.05 5.08	39.40 -3.60 0.62	52.76 -5.37 0.00	52.68 -6.10 8.33	46.23 -6.77 19.66	47.82 -5.88 15.57	39.71 -5.33 13.56	52.63 -4.47 0.18	70.95 -5.03 0.00	58.15 -3.94 0.00	48.13 -2.55 0.00	44.11 -2.24 0.00
DUNKIRK___4 23566	58.13 -3.26 0.00	54.57 -3.07 0.00	40.42 -2.50 0.00	40.98 -2.85 0.00	39.42 -2.91 0.00	40.09 -3.12 0.00	40.00 -2.99 0.00	39.17 -3.14 0.00	37.14 -3.16 0.00	40.28 -3.06 0.00	47.12 -4.07 0.05	42.14 -3.91 6.11	45.17 -4.05 5.08	39.40 -3.60 0.62	52.76 -5.37 0.00	52.68 -6.10 8.33	46.23 -6.77 19.66	47.82 -5.88 15.57	39.71 -5.33 13.56	52.63 -4.47 0.18	70.95 -5.03 0.00	58.15 -3.94 0.00	48.13 -2.55 0.00	44.11 -2.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	64.10 2.71 0.00	60.06 2.43 0.00	44.76 1.84 0.00	45.74 1.91 0.00	44.26 1.94 0.00	45.23 2.02 0.00	45.11 2.13 0.00	44.68 2.37 0.00	42.76 2.47 0.00	45.95 2.61 0.00	54.40 3.16 0.00	55.47 3.30 0.00	57.84 3.53 0.00	46.50 2.88 0.00	61.35 3.23 0.00	70.76 3.64 0.00	76.52 3.86 0.00	72.66 3.40 0.00	61.74 3.14 0.00	60.14 2.86 0.00	79.51 3.53 0.00	65.03 2.95 0.00	52.81 2.13 0.00	48.13 1.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	63.65 2.27 0.00	59.66 2.03 0.00	44.47 1.55 0.00	45.39 1.57 0.00	43.91 1.58 0.00	44.89 1.68 0.00	44.77 1.79 0.00	44.30 1.99 0.00	42.38 2.09 0.00	45.62 2.29 0.00	53.96 2.72 0.00	55.01 2.84 0.00	57.35 3.04 0.00	46.12 2.51 0.00	60.94 2.81 0.00	70.27 3.16 0.00	76.07 3.41 0.00	72.28 3.02 0.00	61.35 2.75 0.00	59.75 2.47 0.00	79.05 3.07 0.00	64.60 2.51 0.00	52.51 1.82 0.00	47.87 1.52 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	64.21 2.82 0.00	60.22 2.59 0.00	44.84 1.92 0.00	45.98 2.15 0.00	44.52 2.20 0.00	45.35 2.14 0.00	45.26 2.28 0.00	44.85 2.54 0.00	42.89 2.59 0.00	46.02 2.68 0.00	54.55 3.31 0.00	55.64 3.47 0.00	58.04 3.73 0.00	46.70 3.09 0.00	61.38 3.25 0.00	70.85 3.74 0.00	76.59 3.93 0.00	72.75 3.49 0.00	62.08 3.49 0.00	60.32 3.04 0.00	79.68 3.70 0.00	65.26 3.18 0.00	52.98 2.30 0.00	48.22 1.88 0.00

E179THST_13_KV_LOAD 356214	64.47 3.09 0.00	60.45 2.83 0.00	45.01 2.09 0.00	46.14 2.31 0.00	44.67 2.35 0.00	45.51 2.31 0.00	45.43 2.45 0.00	45.02 2.71 0.00	43.06 2.77 0.00	46.22 2.88 0.00	54.79 3.54 0.00	55.89 3.72 0.00	58.30 3.99 0.00	46.92 3.30 0.00	61.67 3.54 0.00	71.18 4.07 0.00	76.95 4.29 0.00	73.12 3.85 0.00	62.38 3.78 0.00	60.61 3.33 0.00	80.07 4.09 0.00	65.57 3.49 0.00	53.23 2.54 0.00	48.43 2.08 0.00
EAST HAMPTON___GT 23717	68.17 6.78 0.00	63.78 6.15 0.00	47.45 4.53 0.00	48.10 4.27 0.00	46.45 4.13 0.00	47.12 3.91 0.00	46.22 3.24 0.00	45.07 2.76 0.00	42.98 2.69 0.00	46.15 2.81 0.00	54.98 3.74 0.00	55.97 3.80 0.00	58.33 4.03 0.00	46.44 2.83 0.00	64.83 2.37 -4.33	76.81 3.26 -6.44	84.17 4.03 -7.48	72.56 3.30 0.00	61.49 2.89 0.00	59.64 2.36 0.00	78.84 2.86 -0.01	64.34 2.25 -0.01	52.13 1.44 0.00	47.52 1.17 0.00
EAST RIVER___6 23660	64.14 2.76 0.00	60.10 2.47 0.00	44.75 1.83 0.00	45.75 1.92 0.00	44.30 1.98 0.00	45.27 2.06 0.00	45.16 2.18 0.00	44.77 2.46 0.00	42.86 2.57 0.00	46.02 2.69 0.00	54.53 3.28 0.00	55.61 3.44 0.00	58.02 3.71 0.00	46.65 3.04 0.00	61.56 3.43 0.00	70.99 3.88 0.00	76.76 4.10 0.00	72.85 3.59 0.00	61.94 3.34 0.00	60.29 3.01 0.00	79.69 3.72 0.00	65.20 3.12 0.00	52.88 2.20 0.00	48.16 1.81 0.00
EAST RIVER___7 23524	64.14 2.76 0.00	60.10 2.47 0.00	44.75 1.83 0.00	45.75 1.92 0.00	44.30 1.98 0.00	45.27 2.06 0.00	45.16 2.18 0.00	44.77 2.46 0.00	42.86 2.57 0.00	46.02 2.69 0.00	54.53 3.28 0.00	55.61 3.44 0.00	58.02 3.71 0.00	46.65 3.04 0.00	61.56 3.43 0.00	70.99 3.88 0.00	76.76 4.10 0.00	72.85 3.59 0.00	61.94 3.34 0.00	60.29 3.01 0.00	79.69 3.72 0.00	65.20 3.12 0.00	52.88 2.20 0.00	48.16 1.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	63.91 2.53 0.00	59.86 2.23 0.00	44.60 1.68 0.00	45.54 1.72 0.00	44.07 1.74 0.00	45.05 1.84 0.00	44.93 1.95 0.00	44.49 2.18 0.00	42.58 2.28 0.00	45.78 2.44 0.00	54.18 2.93 0.00	55.23 3.06 0.00	57.59 3.28 0.00	46.30 2.68 0.00	61.12 3.00 0.00	70.48 3.37 0.00	76.24 3.58 0.00	72.39 3.12 0.00	61.50 2.90 0.00	59.90 2.62 0.00	79.22 3.24 0.00	64.79 2.71 0.00	52.63 1.94 0.00	47.97 1.62 0.00
EAST_HAMPTON___DIESEL 23722	68.20 6.81 0.00	63.79 6.16 0.00	47.46 4.53 0.00	48.10 4.28 0.00	46.46 4.13 0.00	47.10 3.89 0.00	46.17 3.18 0.00	44.98 2.67 0.00	42.88 2.59 0.00	46.03 2.69 0.00	54.83 3.59 0.00	55.80 3.63 0.00	58.15 3.84 0.00	46.30 2.68 0.00	64.64 2.19 -4.33	76.58 3.03 -6.44	83.92 3.78 -7.48	72.32 3.05 0.00	61.30 2.70 0.00	59.45 2.17 0.00	78.59 2.60 -0.01	64.13 2.04 -0.01	51.96 1.28 0.00	47.37 1.02 0.00
EAST_POINT___SOLAR 323840	63.53 2.15 0.00	59.50 1.87 0.00	44.19 1.27 0.00	45.11 1.29 0.00	43.54 1.22 0.00	44.49 1.28 0.00	44.37 1.38 0.00	43.73 1.41 0.00	41.83 1.54 0.00	44.99 1.65 0.00	53.12 1.87 0.00	54.17 2.00 0.00	56.46 2.15 0.00	45.10 1.49 0.00	60.24 2.11 0.00	69.98 2.87 0.00	76.09 3.44 0.00	72.56 3.29 0.00	61.33 2.72 0.00	59.77 2.49 0.00	79.25 3.27 0.00	64.58 2.50 0.00	52.31 1.62 0.00	47.77 1.43 0.00
EAST_PULASKI___ESR 323781	60.26 -1.13 0.00	56.64 -0.99 0.00	42.03 -0.89 0.00	42.59 -1.24 0.00	41.12 -1.21 0.00	41.93 -1.28 0.00	41.65 -1.34 0.00	40.89 -1.42 0.00	38.88 -1.42 0.00	41.88 -1.46 0.00	49.59 -1.65 0.00	50.62 -1.55 0.00	52.79 -1.52 0.00	42.35 -1.27 0.00	56.20 -1.93 0.00	64.79 -2.32 0.00	70.28 -2.38 0.00	67.11 -2.16 0.00	56.68 -1.92 0.00	55.44 -1.84 0.00	73.57 -2.41 0.00	60.04 -2.04 0.00	48.95 -1.74 0.00	44.74 -1.60 0.00
EAST_RIVER___1 323558	64.22 2.84 0.00	60.20 2.57 0.00	44.81 1.89 0.00	45.82 1.99 0.00	44.36 2.04 0.00	45.33 2.12 0.00	45.21 2.23 0.00	44.82 2.51 0.00	42.90 2.60 0.00	46.06 2.72 0.00	54.55 3.31 0.00	55.63 3.46 0.00	58.03 3.72 0.00	46.68 3.06 0.00	61.58 3.45 0.00	71.01 3.90 0.00	76.76 4.10 0.00	72.86 3.60 0.00	61.96 3.36 0.00	60.32 3.04 0.00	79.73 3.75 0.00	65.23 3.15 0.00	52.94 2.25 0.00	48.21 1.87 0.00
EAST_RIVER___2 323559	64.14 2.76 0.00	60.10 2.47 0.00	44.75 1.83 0.00	45.75 1.92 0.00	44.30 1.98 0.00	45.27 2.06 0.00	45.16 2.18 0.00	44.77 2.46 0.00	42.86 2.57 0.00	46.02 2.69 0.00	54.53 3.28 0.00	55.61 3.44 0.00	58.02 3.71 0.00	46.65 3.04 0.00	61.56 3.43 0.00	70.99 3.88 0.00	76.76 4.10 0.00	72.85 3.59 0.00	61.94 3.34 0.00	60.29 3.01 0.00	79.69 3.72 0.00	65.20 3.12 0.00	52.88 2.20 0.00	48.16 1.81 0.00
EAST___DELAWARE_HYD 23607	62.96 1.58 0.00	59.01 1.38 0.00	43.96 1.04 0.00	44.86 1.03 0.00	43.39 1.07 0.00	44.38 1.17 0.00	44.29 1.31 0.00	43.83 1.52 0.00	41.95 1.65 0.00	45.18 1.84 0.00	53.43 2.19 0.00	54.53 2.35 0.00	56.83 2.52 0.00	45.70 2.08 0.00	60.40 2.27 0.00	69.69 2.58 0.00	75.48 2.82 0.00	71.76 2.50 0.00	60.86 2.26 0.00	59.27 1.99 0.00	78.40 2.42 0.00	64.00 1.91 0.00	51.99 1.30 0.00	47.35 1.01 0.00
EIGHT_POINT___WT_PWR 323820	57.25 -4.13 0.00	54.50 -3.12 0.00	39.64 -3.29 0.00	40.19 -3.64 0.00	38.61 -3.72 0.00	39.19 -4.02 0.00	39.00 -3.99 0.00	38.40 -3.91 0.00	36.54 -3.75 0.00	39.60 -3.74 0.00	46.70 -4.75 -0.20	70.68 -4.80 -23.32	68.61 -5.09 -19.39	41.49 -4.48 -2.35	52.18 -5.95 0.00	92.61 -6.29 -31.79	140.72 -6.92 -74.98	122.05 -6.60 -59.38	104.41 -5.91 -51.72	52.69 -5.30 -0.71	69.30 -6.67 0.00	56.70 -5.39 0.00	46.56 -4.12 0.00	42.46 -3.88 0.00
ELBRIDGE_115KV_TB2 80188	60.21 -1.18 0.00	56.61 -1.02 0.00	42.11 -0.81 0.00	43.00 -0.82 0.00	41.56 -0.77 0.00	42.42 -0.80 0.00	42.21 -0.76 0.00	41.47 -0.85 0.00	39.41 -0.89 0.00	42.42 -0.92 0.00	50.10 -1.15 0.00	51.11 -1.06 0.00	53.22 -1.09 0.00	42.66 -0.96 0.00	56.58 -1.55 0.00	65.43 -1.68 0.00	70.97 -1.69 0.00	67.81 -1.45 0.00	57.27 -1.32 0.00	56.13 -1.15 0.00	74.43 -1.55 0.00	60.65 -1.43 0.00	49.56 -1.13 0.00	45.30 -1.05 0.00
ELEC_TRO_TEK 24086	64.68 3.29 0.00	60.60 2.97 0.00	45.12 2.20 0.00	45.96 2.14 0.00	44.48 2.15 0.00	45.47 2.26 0.00	45.33 2.35 0.00	44.87 2.56 0.00	43.00 2.71 0.00	46.30 2.96 0.00	55.03 3.78 0.00	56.12 3.95 0.00	58.35 4.04 0.00	46.74 3.12 0.00	61.55 3.42 0.00	71.10 3.98 0.00	77.14 4.47 -0.01	73.18 3.92 0.00	62.11 3.51 0.00	60.41 3.13 0.00	79.95 3.98 0.00	65.39 3.31 0.00	53.05 2.36 0.00	48.38 2.03 0.00
ELLENBURG_WT_PWR 323604	62.45 1.06 0.00	58.50 0.87 0.00	43.54 0.62 0.00	44.55 0.72 0.00	42.98 0.65 0.00	43.75 0.54 0.00	43.18 0.20 0.00	42.30 -0.01 0.00	40.19 -0.10 0.00	43.18 -0.16 0.00	51.32 0.08 0.00	51.84 -0.33 0.00	53.81 -0.50 0.00	43.27 -0.35 0.00	58.15 0.02 0.00	67.16 0.05 0.00	72.57 -0.09 0.00	69.18 -0.08 0.00	58.22 -0.37 0.00	56.94 -0.34 0.00	75.83 -0.15 0.00	62.02 -0.07 0.00	50.81 0.12 0.00	46.29 -0.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	58.33 -3.06 0.00	54.90 -2.73 0.00	40.75 -2.17 0.00	41.56 -2.26 0.00	40.06 -2.27 0.00	40.74 -2.48 0.00	40.64 -2.35 0.00	39.70 -2.61 0.00	37.53 -2.76 0.00	40.74 -2.60 0.00	47.66 -3.53 0.06	42.09 -3.39 6.69	45.09 -3.66 5.56	39.62 -3.32 0.67	53.36 -4.76 0.00	52.26 -5.73 9.12	44.91 -6.23 21.51	46.96 -5.27 17.04	38.90 -4.86 14.84	53.05 -4.03 0.20	71.48 -4.50 0.00	58.61 -3.48 0.00	48.61 -2.07 0.00	44.64 -1.71 0.00
EMPIRE_CC_1 323656	62.87 1.48 0.00	58.99 1.37 0.00	44.18 1.26 0.00	45.11 1.28 0.00	43.62 1.29 0.00	44.57 1.36 0.00	44.39 1.41 0.00	43.68 1.37 0.00	41.73 1.43 0.00	44.85 1.50 0.00	53.07 1.82 0.00	54.00 1.83 0.00	56.21 1.90 0.00	45.14 1.53 0.00	59.81 1.68 0.00	69.00 1.89 0.00	74.52 1.86 0.00	70.76 1.49 0.00	60.03 1.43 0.00	58.60 1.32 0.00	77.50 1.53 0.00	63.48 1.40 0.00	51.77 1.09 0.00	47.56 1.21 0.00
EMPIRE_CC_2 323658	62.87 1.48 0.00	58.99 1.37 0.00	44.18 1.26 0.00	45.11 1.28 0.00	43.62 1.29 0.00	44.57 1.36 0.00	44.39 1.41 0.00	43.68 1.37 0.00	41.73 1.43 0.00	44.85 1.50 0.00	53.07 1.82 0.00	54.00 1.83 0.00	56.21 1.90 0.00	45.14 1.53 0.00	59.81 1.68 0.00	69.00 1.89 0.00	74.52 1.86 0.00	70.76 1.49 0.00	60.03 1.43 0.00	58.60 1.32 0.00	77.50 1.53 0.00	63.48 1.40 0.00	51.77 1.09 0.00	47.56 1.21 0.00
ENORWICH_115KV_TB1 80156	62.87 1.49 0.00	58.65 1.02 0.00	43.67 0.75 0.00	44.70 0.87 0.00	42.98 0.66 0.00	43.70 0.49 0.00	43.20 0.21 0.00	42.49 0.18 0.00	40.66 0.36 0.00	43.79 0.45 0.00	51.73 0.48 -0.02	54.77 0.89 -1.71	56.68 0.95 -1.42	44.37 0.58 -0.17	58.65 0.52 0.00	70.57 1.14 -2.33	80.20 2.06 -5.48	76.15 2.54 -4.34	64.40 2.02 -3.78	60.18 2.85 -0.05	78.75 2.77 0.00	63.51 1.43 0.00	51.45 0.76 0.00	47.15 0.80 0.00
ERIE_ST__34_KV_TB1-2 80199	59.06 -2.33 0.00	55.56 -2.07 0.00	41.22 -1.70 0.00	42.07 -1.75 0.00	40.58 -1.75 0.00	41.23 -1.98 0.00	41.13 -1.85 0.00	40.22 -2.09 0.00	38.08 -2.22 0.00	41.31 -2.03 0.00	48.38 -2.82 0.05	44.19 -2.64 5.34	47.01 -2.86 4.44	40.40 -2.68 0.54	54.18 -3.95 0.00	55.10 -4.73 7.28	50.35 -5.14 17.16	51.46 -4.20 13.59	42.83 -3.93 11.84	53.99 -3.13 0.16	72.65 -3.33 0.00	59.51 -2.57 0.00	49.27 -1.42 0.00	45.15 -1.19 0.00
ERIE_WT_PWR 323693	58.68 -2.70 0.00	55.25 -2.38 0.00	40.97 -1.95 0.00	41.79 -2.04 0.00	40.26 -2.07 0.00	40.94 -2.27 0.00	40.80 -2.18 0.00	39.82 -2.49 0.00	37.71 -2.58 0.00	40.92 -2.42 0.00	47.89 -3.30 0.05	42.98 -3.15 6.05	45.88 -3.40 5.03	39.96 -3.05 0.61	53.68 -4.44 0.00	53.45 -5.41 8.25	47.40 -5.80 19.45	49.00 -4.85 15.41	40.71 -3.75 13.42	53.35 -4.07 0.18	71.91 -3.16 0.00	58.93 -1.85 0.00	48.83 -1.85 0.00	44.82 -1.52 0.00
ESPRGFLD_115KV_TB1 80157	61.58 0.20 0.00	57.76 0.14 0.00	42.88 -0.04 0.00	43.78 -0.04 0.00	42.26 -0.07 0.00	43.11 -0.10 0.00	42.88 -0.10 0.00	42.21 -0.10 0.00	40.33 0.03 0.00	43.41 0.06 0.00	51.33 0.09 0.00	52.37 0.20 0.00	54.60 0.29 0.00	43.74 0.12 0.00	58.22 0.09 0.00	67.42 0.31 0.00	73.09 0.43 0.00	69.76 0.49 0.00	59.00 0.40 0.00	57.67 0.39 0.00	76.51 0.53 0.00	62.35 0.27 0.00	50.59 -0.09 0.00	46.25 -0.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	61.48 0.10 0.00	57.71 0.08 0.00	42.87 -0.05 0.00	43.78 -0.05 0.00	42.29 -0.03 0.00	43.15 -0.06 0.00	42.95 -0.04 0.00	42.29 -0.02 0.00	40.26 -0.03 0.00	43.39 0.05 0.00	51.25 -0.02 -0.02	54.95 0.09 -2.69	56.64 0.10 -2.23	43.85 -0.04 -0.27	57.70 -0.43 0.00	70.51 -0.26 -3.66	81.24 -0.05 -8.63	76.33 0.23 -6.84	64.62 0.06 -5.96	57.68 0.32 -0.08	76.29 0.32 0.00	62.12 0.03 0.00	50.65 -0.04 0.00	46.24 -0.10 0.00
ETNA____115KV_TB2 80207	61.48 0.10 0.00	57.71 0.08 0.00	42.87 -0.05 0.00	43.78 -0.05 0.00	42.29 -0.03 0.00	43.15 -0.06 0.00	42.95 -0.04 0.00	42.29 -0.02 0.00	40.26 -0.03 0.00	43.39 0.05 0.00	51.25 -0.02 -0.02	54.95 0.09 -2.69	56.64 0.10 -2.23	43.85 -0.04 -0.27	57.70 -0.43 0.00	70.51 -0.26 -3.66	81.24 -0.05 -8.63	76.33 0.23 -6.84	64.62 0.06 -5.96	57.68 0.32 -0.08	76.29 0.32 0.00	62.12 0.03 0.00	50.65 -0.04 0.00	46.24 -0.10 0.00
EUCLID__115KV_TB2 356179	60.04 -1.35 0.00	56.47 -1.16 0.00	42.02 -0.90 0.00	42.88 -0.95 0.00	41.44 -0.89 0.00	42.29 -0.92 0.00	42.09 -0.89 0.00	41.34 -0.97 0.00	39.28 -1.01 0.00	42.28 -1.07 0.00	49.92 -1.32 0.00	50.89 -1.28 0.00	52.98 -1.33 0.00	42.50 -1.12 0.00	56.42 -1.71 0.00	65.16 -1.95 0.00	70.59 -2.06 0.00	67.43 -1.83 0.00	56.98 -1.62 0.00	55.80 -1.48 0.00	74.04 -1.93 0.00	60.43 -1.66 0.00	49.35 -1.33 0.00	45.13 -1.22 0.00
E_CANADA_CAP_HY 24051	61.68 0.29 0.00	57.83 0.21 0.00	42.93 0.01 0.00	43.82 0.00 0.00	42.27 -0.06 0.00	43.12 -0.09 0.00	42.92 -0.06 0.00	42.22 -0.09 0.00	40.37 0.08 0.00	43.39 0.05 0.00	51.35 0.11 0.00	52.38 0.21 0.00	54.62 0.31 0.00	43.77 0.15 0.00	58.46 0.33 0.00	67.75 0.64 0.00	73.38 0.72 0.00	69.88 0.62 0.00	59.07 0.47 0.00	57.63 0.35 0.00	76.56 0.58 0.00	62.50 0.41 0.00	50.70 0.02 0.00	46.35 0.01 0.00
E_CANADA_MHWK_HY 24050	64.82 3.43 0.00	60.58 2.95 0.00	45.10 2.18 0.00	46.05 2.22 0.00	44.56 2.23 0.00	45.49 2.28 0.00	45.45 2.47 0.00	44.91 2.60 0.00	43.02 2.73 0.00	46.24 2.90 0.00	54.59 3.35 0.00	55.93 3.75 0.00	58.52 4.21 0.00	47.01 3.40 0.00	62.35 4.22 0.00	71.99 4.88 0.00	78.08 5.43 0.00	74.10 4.84 0.00	62.81 4.21 0.00	61.22 3.94 0.00	80.93 4.95 0.00	65.94 3.85 0.00	53.46 2.77 0.00	48.79 2.45 0.00
E_FISHKILL__LBMP 23776	63.61 2.23 0.00	59.63 2.00 0.00	44.46 1.54 0.00	45.40 1.58 0.00	43.93 1.60 0.00	44.91 1.70 0.00	44.78 1.80 0.00	44.30 1.99 0.00	42.38 2.09 0.00	45.58 2.24 0.00	53.90 2.66 0.00	54.95 2.77 0.00	57.27 2.96 0.00	46.03 2.41 0.00	60.79 2.66 0.00	70.11 3.00 0.00	75.84 3.19 0.00	72.06 2.80 0.00	61.18 2.58 0.00	59.60 2.32 0.00	78.84 2.86 0.00	64.47 2.38 0.00	52.41 1.73 0.00	47.81 1.46 0.00
FALCON__SEABRD_CC1 323796	63.44 2.05 0.00	59.40 1.78 0.00	44.25 1.32 0.00	45.24 1.41 0.00	43.65 1.32 0.00	44.44 1.23 0.00	43.81 0.83 0.00	42.96 0.64 0.00	40.80 0.51 0.00	43.79 0.44 0.00	52.07 0.83 0.00	52.70 0.53 0.00	54.67 0.36 0.00	43.94 0.32 0.00	58.95 0.83 0.00	68.07 0.96 0.00	73.55 0.90 0.00	70.13 0.87 0.00	59.04 0.44 0.00	57.68 0.40 0.00	76.82 0.84 0.00	62.91 0.82 0.00	51.48 0.79 0.00	46.93 0.58 0.00
FALCON__SEABRD_CC2 323797	63.44 2.05 0.00	59.40 1.78 0.00	44.25 1.32 0.00	45.24 1.41 0.00	43.65 1.32 0.00	44.44 1.23 0.00	43.81 0.83 0.00	42.96 0.64 0.00	40.80 0.51 0.00	43.79 0.44 0.00	52.07 0.83 0.00	52.70 0.53 0.00	54.67 0.36 0.00	43.94 0.32 0.00	58.95 0.83 0.00	68.07 0.96 0.00	73.55 0.90 0.00	70.13 0.87 0.00	59.04 0.44 0.00	57.68 0.40 0.00	76.82 0.84 0.00	62.91 0.82 0.00	51.48 0.79 0.00	46.93 0.58 0.00

FAR ROCKAWAY___4 23548	65.56 4.17 0.00	61.44 3.81 0.00	45.75 2.82 0.00	46.56 2.73 0.00	45.06 2.73 0.00	46.06 2.85 0.00	45.93 2.95 0.00	45.46 3.15 0.00	43.58 3.29 0.00	46.96 3.62 0.00	55.89 4.64 0.00	57.03 4.86 0.00	59.28 4.97 0.00	47.50 3.88 0.00	62.56 4.43 0.00	72.28 5.17 0.00	78.49 5.82 -0.01	74.45 5.18 0.00	63.16 4.56 0.00	61.43 4.15 0.00	81.27 5.29 0.00	66.42 4.34 0.00	53.86 3.18 0.00	49.06 2.72 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	64.29 2.90 0.00	60.26 2.63 0.00	44.86 1.93 0.00	45.87 2.04 0.00	44.41 2.09 0.00	45.37 2.16 0.00	45.26 2.28 0.00	44.86 2.55 0.00	42.95 2.65 0.00	46.11 2.77 0.00	54.60 3.36 0.00	55.70 3.53 0.00	58.09 3.78 0.00	46.73 3.12 0.00	61.64 3.51 0.00	71.08 3.97 0.00	76.83 4.18 0.00	72.94 3.68 0.00	62.02 3.42 0.00	60.39 3.11 0.00	79.80 3.83 0.00	65.30 3.21 0.00	52.99 2.30 0.00	48.26 1.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	64.33 2.95 0.00	60.27 2.65 0.00	44.88 1.96 0.00	45.90 2.07 0.00	44.43 2.11 0.00	45.40 2.19 0.00	45.28 2.30 0.00	44.88 2.57 0.00	42.96 2.67 0.00	46.13 2.79 0.00	54.63 3.39 0.00	55.72 3.55 0.00	58.12 3.81 0.00	46.75 3.13 0.00	61.66 3.53 0.00	71.11 4.00 0.00	76.88 4.23 0.00	72.97 3.71 0.00	62.05 3.46 0.00	60.42 3.14 0.00	79.85 3.88 0.00	65.35 3.26 0.00	53.03 2.34 0.00	48.29 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	64.26 2.88 0.00	60.21 2.58 0.00	44.84 1.92 0.00	45.85 2.02 0.00	44.39 2.06 0.00	45.36 2.15 0.00	45.24 2.25 0.00	44.83 2.53 0.00	42.92 2.62 0.00	46.09 2.74 0.00	54.57 3.33 0.00	55.67 3.50 0.00	58.06 3.75 0.00	46.70 3.08 0.00	61.59 3.46 0.00	71.04 3.92 0.00	76.79 4.14 0.00	72.89 3.63 0.00	61.98 3.38 0.00	60.35 3.07 0.00	79.75 3.77 0.00	65.26 3.18 0.00	52.96 2.28 0.00	48.24 1.89 0.00
FARRAGUT___LBMP 323566	64.21 2.83 0.00	60.18 2.55 0.00	44.81 1.89 0.00	45.82 1.99 0.00	44.36 2.03 0.00	45.33 2.12 0.00	45.21 2.23 0.00	44.81 2.50 0.00	42.89 2.60 0.00	46.05 2.71 0.00	54.54 3.29 0.00	55.62 3.45 0.00	58.01 3.70 0.00	46.66 3.05 0.00	61.54 3.42 0.00	70.97 3.86 0.00	76.73 4.08 0.00	72.82 3.56 0.00	61.93 3.34 0.00	60.31 3.02 0.00	79.69 3.72 0.00	65.22 3.14 0.00	52.93 2.24 0.00	48.20 1.86 0.00
FENNER___WINDPWR 24204	62.07 0.69 0.00	58.35 0.73 0.00	43.35 0.43 0.00	44.21 0.39 0.00	42.71 0.38 0.00	43.60 0.39 0.00	43.40 0.42 0.00	42.76 0.45 0.00	40.76 0.47 0.00	43.89 0.54 0.00	51.91 0.66 0.00	52.93 0.75 0.00	55.15 0.84 0.00	44.21 0.59 0.00	58.59 0.46 0.00	67.74 0.63 0.00	73.37 0.71 0.00	69.98 0.72 0.00	59.18 0.58 0.00	57.85 0.57 0.00	76.65 0.68 0.00	62.52 0.43 0.00	50.96 0.28 0.00	46.51 0.17 0.00
FIBERTEK___ENERGY 23856	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.41 -0.83 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.68 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.05 0.00	57.63 -0.98 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
FITZPATRICK___ 23598	59.29 -2.10 0.00	55.78 -1.85 0.00	41.53 -1.39 0.00	42.39 -1.44 0.00	40.96 -1.37 0.00	41.81 -1.41 0.00	41.57 -1.41 0.00	40.80 -1.52 0.00	38.76 -1.54 0.00	41.66 -1.68 0.00	49.20 -2.05 0.00	50.14 -2.04 0.00	52.18 -2.13 0.00	41.88 -1.73 0.00	55.65 -2.48 0.00	64.26 -2.85 0.00	69.61 -3.04 0.00	66.43 -2.83 0.00	56.17 -2.43 0.00	54.97 -2.31 0.00	72.93 -3.05 0.00	59.54 -2.54 0.00	48.64 -2.04 0.00	44.50 -1.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	64.37 2.99 0.00	60.32 2.69 0.00	44.95 2.03 0.00	45.89 2.06 0.00	44.39 2.07 0.00	45.39 2.18 0.00	45.28 2.30 0.00	44.82 2.51 0.00	42.89 2.59 0.00	46.17 2.83 0.00	54.60 3.36 0.00	55.68 3.51 0.00	58.06 3.75 0.00	46.68 3.07 0.00	61.66 3.53 0.00	71.12 4.01 0.00	76.97 4.31 0.00	73.18 3.92 0.00	62.10 3.51 0.00	60.48 3.20 0.00	79.97 3.99 0.00	65.34 3.25 0.00	53.09 2.41 0.00	48.38 2.04 0.00
FORT ORANGE___ 23900	63.08 1.70 0.00	59.18 1.55 0.00	44.26 1.34 0.00	45.17 1.35 0.00	43.66 1.34 0.00	44.62 1.41 0.00	44.46 1.47 0.00	43.86 1.55 0.00	41.93 1.64 0.00	45.11 1.77 0.00	53.31 2.07 0.00	54.26 2.09 0.00	56.50 2.19 0.00	45.42 1.81 0.00	60.15 2.02 0.00	69.35 2.24 0.00	75.04 2.38 0.00	71.35 2.08 0.00	60.54 1.93 0.00	59.04 1.76 0.00	77.98 2.00 0.00	63.79 1.70 0.00	52.02 1.34 0.00	47.62 1.28 0.00
FORT_DRUM_COGEN 23780	61.57 0.18 0.00	57.74 0.12 0.00	42.59 -0.33 0.00	42.30 -1.53 0.00	40.74 -1.59 0.00	41.53 -1.68 0.00	41.17 -1.81 0.00	40.47 -1.84 0.00	38.54 -1.76 0.00	41.57 -1.77 0.00	49.56 -1.69 0.00	50.52 -1.65 0.00	53.02 -1.30 0.00	42.53 -1.09 0.00	56.34 -1.79 0.00	64.71 -2.40 0.00	70.36 -2.30 0.00	67.57 -1.70 0.00	56.86 -1.74 0.00	55.56 -1.72 0.00	73.77 -2.21 0.00	59.97 -2.12 0.00	48.83 -1.85 0.00	44.42 -1.92 0.00
FOX_HILLS___ESR 323835	64.32 2.94 0.00	60.26 2.63 0.00	44.87 1.95 0.00	45.88 2.06 0.00	44.39 2.07 0.00	45.33 2.12 0.00	45.25 2.27 0.00	44.83 2.52 0.00	42.93 2.63 0.00	46.09 2.75 0.00	54.58 3.33 0.00	55.66 3.49 0.00	58.08 3.77 0.00	46.74 3.13 0.00	61.57 3.44 0.00	71.06 3.95 0.00	76.77 4.11 0.00	72.94 3.68 0.00	62.17 3.57 0.00	60.44 3.16 0.00	79.83 3.86 0.00	65.37 3.28 0.00	53.06 2.38 0.00	48.30 1.95 0.00
FPL_FAR_ROCK_GT1 24212	65.55 4.17 0.00	61.44 3.81 0.00	45.75 2.83 0.00	46.55 2.73 0.00	45.06 2.74 0.00	46.06 2.85 0.00	45.94 2.95 0.00	45.47 3.16 0.00	43.59 3.29 0.00	46.96 3.62 0.00	55.89 4.64 0.00	57.03 4.85 0.00	59.27 4.96 0.00	47.49 3.88 0.00	62.56 4.43 0.00	72.28 5.17 0.00	78.49 5.82 -0.01	74.44 5.18 0.00	63.16 4.56 0.00	61.42 4.14 0.00	81.27 5.29 0.00	66.42 4.34 0.00	53.86 3.18 0.00	49.06 2.72 0.00
FPL_FAR_ROCK_GT2 23815	65.55 4.17 0.00	61.44 3.81 0.00	45.75 2.83 0.00	46.55 2.73 0.00	45.06 2.74 0.00	46.06 2.85 0.00	45.94 2.95 0.00	45.47 3.16 0.00	43.59 3.29 0.00	46.96 3.62 0.00	55.89 4.64 0.00	57.03 4.85 0.00	59.27 4.96 0.00	47.49 3.88 0.00	62.56 4.43 0.00	72.28 5.17 0.00	78.49 5.82 -0.01	74.44 5.18 0.00	63.16 4.56 0.00	61.42 4.14 0.00	81.27 5.29 0.00	66.42 4.34 0.00	53.86 3.18 0.00	49.06 2.72 0.00
FRANKLIN_FALL_HYD 24054	63.49 2.10 0.00	59.52 1.89 0.00	44.25 1.32 0.00	45.20 1.38 0.00	43.61 1.28 0.00	44.38 1.17 0.00	43.84 0.86 0.00	43.00 0.69 0.00	40.87 0.58 0.00	43.88 0.53 0.00	52.21 0.96 0.00	52.74 0.57 0.00	54.79 0.48 0.00	44.00 0.39 0.00	59.11 0.98 0.00	68.22 1.11 0.00	73.69 1.03 0.00	70.23 0.97 0.00	59.03 0.42 0.00	57.70 0.42 0.00	76.92 0.94 0.00	62.95 0.86 0.00	51.59 0.90 0.00	46.98 0.63 0.00

FREEPORT_EQUS_GT1 23764	65.15 3.77 0.00	61.02 3.39 0.00	45.43 2.51 0.00	46.24 2.41 0.00	44.74 2.41 0.00	45.73 2.52 0.00	45.58 2.60 0.00	45.13 2.82 0.00	43.26 2.96 0.00	46.59 3.25 0.00	55.41 4.17 0.00	56.54 4.37 0.00	58.80 4.49 0.00	47.06 3.44 0.00	61.94 3.81 0.00	71.38 4.27 0.00	77.48 4.82 -0.01	73.77 4.50 0.00	62.60 4.00 0.00	60.86 3.58 0.00	80.55 4.57 0.00	65.91 3.83 0.00	53.44 2.75 0.00	48.70 2.35 0.00
FREEPORT___CT2 23818	65.15 3.77 0.00	61.02 3.39 0.00	45.43 2.51 0.00	46.24 2.41 0.00	44.74 2.41 0.00	45.73 2.52 0.00	45.58 2.60 0.00	45.13 2.82 0.00	43.26 2.96 0.00	46.59 3.25 0.00	55.41 4.17 0.00	56.54 4.37 0.00	58.80 4.49 0.00	47.06 3.44 0.00	61.94 3.81 0.00	71.38 4.27 0.00	77.48 4.82 -0.01	73.77 4.50 0.00	62.60 4.00 0.00	60.86 3.58 0.00	80.55 4.57 0.00	65.91 3.83 0.00	53.44 2.75 0.00	48.70 2.35 0.00
FRESHKLS_33_KV_LOAD 356253	64.39 3.01 0.00	60.35 2.73 0.00	44.92 2.00 0.00	45.93 2.11 0.00	44.45 2.13 0.00	45.38 2.17 0.00	45.31 2.32 0.00	44.88 2.57 0.00	42.97 2.67 0.00	46.13 2.79 0.00	54.63 3.38 0.00	55.68 3.51 0.00	58.13 3.82 0.00	46.78 3.17 0.00	61.65 3.52 0.00	71.13 4.02 0.00	76.87 4.21 0.00	73.03 3.77 0.00	62.26 3.66 0.00	60.52 3.24 0.00	79.96 3.98 0.00	65.47 3.38 0.00	53.15 2.46 0.00	48.38 2.04 0.00
FULTON COGEN____ 23766	59.53 -1.85 0.00	55.99 -1.63 0.00	41.68 -1.25 0.00	42.52 -1.31 0.00	41.08 -1.25 0.00	41.94 -1.27 0.00	41.72 -1.27 0.00	40.96 -1.35 0.00	38.94 -1.36 0.00	41.89 -1.45 0.00	49.48 -1.77 0.00	50.43 -1.74 0.00	52.50 -1.81 0.00	42.12 -1.49 0.00	55.94 -2.19 0.00	64.57 -2.55 0.00	70.01 -2.65 0.00	66.87 -2.39 0.00	56.52 -2.08 0.00	55.30 -1.98 0.00	73.37 -2.61 0.00	59.87 -2.21 0.00	48.86 -1.82 0.00	44.68 -1.67 0.00
FULTON___LFGE 323630	63.27 1.89 0.00	59.28 1.66 0.00	44.07 1.15 0.00	44.97 1.14 0.00	43.41 1.09 0.00	44.34 1.13 0.00	44.19 1.20 0.00	43.55 1.24 0.00	41.67 1.37 0.00	44.81 1.47 0.00	52.99 1.75 0.00	54.08 1.91 0.00	56.40 2.09 0.00	45.24 1.62 0.00	60.27 2.14 0.00	69.77 2.66 0.00	75.63 2.97 0.00	72.03 2.77 0.00	60.91 2.31 0.00	59.40 2.12 0.00	78.77 2.79 0.00	64.26 2.18 0.00	52.10 1.41 0.00	47.59 1.25 0.00
G.F.CEMENT___DRP 24184	66.24 4.86 0.00	61.87 4.24 0.00	46.12 3.20 0.00	47.11 3.28 0.00	45.39 3.06 0.00	46.45 3.24 0.00	46.39 3.41 0.00	45.93 3.62 0.00	43.93 3.64 0.00	47.37 4.03 0.00	56.03 4.79 0.00	57.12 4.95 0.00	59.51 5.20 0.00	47.75 4.13 0.00	63.26 5.14 0.00	73.12 6.01 0.00	79.19 6.53 0.00	75.13 5.86 0.00	63.59 4.99 0.00	62.01 4.73 0.00	81.84 5.86 0.00	66.91 4.83 0.00	54.48 3.79 0.00	49.78 3.43 0.00
GARDENVILLE___LBMP 24039	58.37 -3.01 0.00	54.94 -2.69 0.00	40.75 -2.17 0.00	41.54 -2.28 0.00	40.02 -2.31 0.00	40.69 -2.53 0.00	40.57 -2.41 0.00	39.66 -2.65 0.00	37.51 -2.78 0.00	40.71 -2.63 0.06	47.62 -3.56 7.41	41.33 -3.43 6.17	44.48 -3.66 6.17	39.55 -3.32 0.75	53.33 -4.80 0.00	51.30 -5.71 10.10	42.60 -6.22 23.83	45.11 -5.28 18.88	37.30 -4.86 16.44	53.02 -4.04 0.22	71.48 -4.50 0.00	58.60 -3.48 0.00	48.58 -2.10 0.00	44.58 -1.76 0.00
GARDNVLA_35_KV_LD 355827	58.92 -2.47 0.00	55.45 -2.18 0.00	41.11 -1.81 0.00	41.94 -1.89 0.00	40.40 -1.92 0.00	41.08 -2.13 0.00	40.97 -2.01 0.00	40.05 -2.26 0.00	37.89 -2.40 0.00	41.13 -2.21 0.00	48.15 -3.04 0.05	43.47 -2.90 5.80	46.36 -3.12 4.82	40.19 -2.85 0.58	53.97 -4.15 0.00	54.18 -5.02 7.91	48.57 -5.44 18.65	50.03 -4.46 14.77	41.52 -4.21 12.87	53.72 -3.39 0.17	72.35 -3.63 0.00	59.28 -2.81 0.00	49.10 -1.59 0.00	45.02 -1.32 0.00
GELCKHM___115KV_LOAD 80723	60.23 -1.15 0.00	56.65 -0.98 0.00	42.15 -0.77 0.00	43.02 -0.81 0.00	41.57 -0.76 0.00	42.44 -0.77 0.00	42.22 -0.76 0.00	41.47 -0.84 0.00	39.42 -0.88 0.00	42.41 -0.93 0.00	50.12 -1.13 0.00	51.08 -1.10 0.00	53.18 -1.13 0.00	42.65 -0.96 0.00	56.63 -1.50 0.00	65.41 -1.70 0.00	70.93 -1.73 0.00	67.73 -1.53 0.00	57.22 -1.38 0.00	56.04 -1.24 0.00	74.35 -1.62 0.00	60.67 -1.42 0.00	49.52 -1.17 0.00	45.29 -1.06 0.00
GENERAL___MILLS 23808	58.67 -2.71 0.00	55.22 -2.41 0.00	40.96 -1.96 0.00	41.77 -2.06 0.00	40.25 -2.07 0.00	40.92 -2.29 0.00	40.81 -2.17 0.00	39.88 -2.43 0.00	37.72 -2.57 0.00	40.94 -2.40 0.00	47.91 -3.28 0.05	42.97 -3.15 6.05	45.89 -3.39 5.03	39.93 -3.08 0.61	53.67 -4.46 0.00	53.47 -5.39 8.25	47.35 -5.85 19.45	48.98 -4.88 15.41	40.63 -4.55 13.42	53.39 -3.71 0.18	71.93 -4.05 0.00	58.94 -3.15 0.00	48.85 -1.84 0.00	44.81 -1.53 0.00
GE_PLASTICS___DRP 24183	62.71 1.33 0.00	58.84 1.21 0.00	43.96 1.04 0.00	44.88 1.05 0.00	43.38 1.06 0.00	44.33 1.11 0.00	44.15 1.16 0.00	43.54 1.23 0.00	41.59 1.29 0.00	44.76 1.41 0.00	52.87 1.63 0.00	53.84 1.67 0.00	56.08 1.76 0.00	45.05 1.43 0.00	59.68 1.55 0.00	68.80 1.69 0.00	74.41 1.75 0.00	70.76 1.49 0.00	60.05 1.45 0.00	58.57 1.29 0.00	77.44 1.47 0.00	63.35 1.27 0.00	51.68 1.00 0.00	47.31 0.97 0.00
GILBOA___1 23756	62.55 1.16 0.00	58.68 1.05 0.00	43.74 0.82 0.00	44.66 0.83 0.00	43.17 0.84 0.00	44.11 0.90 0.00	43.93 0.95 0.00	43.36 1.05 0.00	41.40 1.11 0.00	44.69 1.35 0.00	52.66 1.41 0.00	53.66 1.49 0.00	55.89 1.57 0.00	44.86 1.25 0.00	59.40 1.27 0.00	68.51 1.41 0.00	74.05 1.39 0.00	70.48 1.21 0.00	59.81 1.21 0.00	58.36 1.08 0.00	77.27 1.29 0.00	63.18 1.10 0.00	51.50 0.81 0.00	47.11 0.77 0.00
GILBOA___2 23757	62.55 1.16 0.00	58.68 1.05 0.00	43.74 0.82 0.00	44.66 0.83 0.00	43.17 0.84 0.00	44.11 0.90 0.00	43.93 0.95 0.00	43.36 1.05 0.00	41.40 1.11 0.00	44.69 1.35 0.00	52.66 1.41 0.00	53.66 1.49 0.00	55.89 1.57 0.00	44.86 1.25 0.00	59.40 1.27 0.00	68.51 1.41 0.00	74.05 1.39 0.00	70.48 1.21 0.00	59.81 1.21 0.00	58.36 1.08 0.00	77.27 1.29 0.00	63.18 1.10 0.00	51.50 0.81 0.00	47.11 0.77 0.00
GILBOA___3 23758	62.55 1.16 0.00	58.68 1.05 0.00	43.74 0.82 0.00	44.66 0.83 0.00	43.17 0.84 0.00	44.11 0.90 0.00	43.93 0.95 0.00	43.36 1.05 0.00	41.40 1.11 0.00	44.69 1.35 0.00	52.66 1.41 0.00	53.66 1.49 0.00	55.89 1.57 0.00	44.86 1.25 0.00	59.40 1.27 0.00	68.51 1.41 0.00	74.05 1.39 0.00	70.48 1.21 0.00	59.81 1.21 0.00	58.36 1.08 0.00	77.27 1.29 0.00	63.18 1.10 0.00	51.50 0.81 0.00	47.11 0.77 0.00
GILBOA___4 23759	62.55 1.16 0.00	58.68 1.05 0.00	43.74 0.82 0.00	44.66 0.83 0.00	43.17 0.84 0.00	44.11 0.90 0.00	43.93 0.95 0.00	43.36 1.05 0.00	41.40 1.11 0.00	44.69 1.35 0.00	52.66 1.41 0.00	53.66 1.49 0.00	55.89 1.57 0.00	44.86 1.25 0.00	59.40 1.27 0.00	68.51 1.41 0.00	74.05 1.39 0.00	70.48 1.21 0.00	59.81 1.21 0.00	58.36 1.08 0.00	77.27 1.29 0.00	63.18 1.10 0.00	51.50 0.81 0.00	47.11 0.77 0.00

GILBOA____ 23599	62.55 1.16 0.00	58.67 1.05 0.00	43.74 0.82 0.00	44.67 0.84 0.00	43.17 0.84 0.00	44.11 0.90 0.00	43.93 0.95 0.00	43.35 1.04 0.00	41.40 1.11 0.00	44.69 1.35 0.00	52.66 1.41 0.00	53.66 1.49 0.00	55.89 1.58 0.00	44.86 1.25 0.00	59.40 1.27 0.00	68.51 1.40 0.00	74.05 1.39 0.00	70.47 1.21 0.00	59.82 1.22 0.00	58.36 1.08 0.00	77.27 1.29 0.00	63.18 1.10 0.00	51.50 0.82 0.00	47.11 0.76 0.00
GINNA____ 23603	57.27 -4.12 0.00	53.81 -3.81 0.00	40.03 -2.89 0.00	40.90 -2.93 0.00	39.51 -2.82 0.00	40.34 -2.87 0.00	40.22 -2.77 0.00	39.44 -2.87 0.00	37.43 -2.86 0.00	40.45 -2.89 0.00	47.64 -3.60 0.01	47.61 -3.60 0.96	49.67 -3.84 0.80	40.27 -3.25 0.10	53.68 -4.45 0.00	60.58 -5.22 1.31	64.11 -5.45 3.10	61.99 -4.83 2.45	52.16 -4.31 2.13	53.33 -3.92 0.03	71.06 -4.92 0.00	58.02 -4.07 0.00	47.60 -3.09 0.00	43.58 -2.77 0.00
GLEN PARK____ 23778	61.54 0.15 0.00	57.69 0.06 0.00	42.55 -0.37 0.00	42.29 -1.54 0.00	40.74 -1.59 0.00	41.55 -1.66 0.00	41.22 -1.76 0.00	40.51 -1.80 0.00	38.58 -1.71 0.00	41.64 -1.71 0.00	49.61 -1.64 0.00	50.59 -1.59 0.00	53.07 -1.24 0.00	42.57 -1.04 0.00	56.39 -1.73 0.00	64.79 -2.32 0.00	70.50 -2.16 0.00	67.70 -1.56 0.00	56.99 -1.61 0.00	55.67 -1.61 0.00	73.91 -2.07 0.00	60.04 -2.04 0.00	48.87 -1.82 0.00	44.45 -1.90 0.00
GLENDALE_27_KV_LOAD 356172	64.57 3.19 0.00	60.51 2.88 0.00	45.04 2.12 0.00	46.07 2.24 0.00	44.61 2.29 0.00	45.54 2.33 0.00	45.45 2.47 0.00	45.04 2.74 0.00	43.12 2.83 0.00	46.31 2.97 0.00	54.87 3.63 0.00	55.97 3.80 0.00	58.39 4.08 0.00	46.96 3.35 0.00	61.86 3.73 0.00	71.42 4.31 0.00	77.20 4.54 0.00	73.28 4.02 0.00	62.38 3.78 0.00	60.68 3.40 0.00	80.18 4.20 0.00	65.62 3.54 0.00	53.24 2.56 0.00	48.46 2.11 0.00
GLENWOOD_IC_1_G5 23712	64.71 3.32 0.00	60.62 2.99 0.00	45.15 2.23 0.00	46.04 2.21 0.00	44.55 2.23 0.00	45.54 2.33 0.00	45.41 2.43 0.00	44.96 2.66 0.00	43.07 2.77 0.00	46.34 3.00 0.00	54.81 3.56 0.00	55.74 3.57 0.00	58.02 3.71 0.00	46.55 2.93 0.00	61.32 3.20 0.00	70.81 3.70 0.00	76.76 4.09 -0.01	72.85 3.59 0.00	61.84 3.24 0.00	60.23 2.95 0.00	80.13 4.16 0.00	65.54 3.46 0.00	53.18 2.49 0.00	48.47 2.13 0.00
GLENWOOD_IC_2_G1 23688	64.39 3.00 0.00	60.33 2.70 0.00	44.93 2.01 0.00	45.84 2.02 0.00	44.37 2.05 0.00	45.36 2.15 0.00	45.22 2.24 0.00	44.78 2.47 0.00	42.88 2.58 0.00	46.12 2.78 0.00	54.66 3.42 0.00	55.73 3.56 0.00	58.04 3.73 0.00	46.58 2.96 0.00	61.43 3.30 0.00	70.88 3.78 0.00	76.77 4.12 0.00	72.86 3.60 0.00	61.89 3.29 0.00	60.24 2.97 0.00	79.75 3.77 0.00	65.22 3.14 0.00	52.94 2.26 0.00	48.26 1.91 0.00
GLENWOOD_IC_3_G1 23689	64.39 3.00 0.00	60.33 2.70 0.00	44.93 2.01 0.00	45.84 2.02 0.00	44.37 2.05 0.00	45.36 2.15 0.00	45.22 2.24 0.00	44.78 2.47 0.00	42.88 2.58 0.00	46.12 2.78 0.00	54.66 3.42 0.00	55.73 3.56 0.00	58.04 3.73 0.00	46.58 2.96 0.00	61.43 3.30 0.00	70.88 3.78 0.00	76.77 4.12 0.00	72.86 3.60 0.00	61.89 3.29 0.00	60.24 2.97 0.00	79.75 3.77 0.00	65.22 3.14 0.00	52.94 2.26 0.00	48.26 1.91 0.00
GLENWOOD____4 23550	64.71 3.32 0.00	60.62 2.99 0.00	45.15 2.23 0.00	46.04 2.21 0.00	44.55 2.23 0.00	45.54 2.33 0.00	45.41 2.43 0.00	44.96 2.66 0.00	43.07 2.77 0.00	46.35 3.00 0.00	54.88 3.63 0.00	55.87 3.70 0.00	58.16 3.85 0.00	46.65 3.04 0.00	61.47 3.34 0.00	70.96 3.85 0.00	76.92 4.25 -0.01	73.00 3.74 0.00	61.99 3.39 0.00	60.36 3.08 0.00	80.13 4.16 0.00	65.54 3.46 0.00	53.18 2.49 0.00	48.47 2.13 0.00
GLENWOOD____5 23614	64.71 3.32 0.00	60.62 2.99 0.00	45.15 2.23 0.00	46.04 2.21 0.00	44.55 2.23 0.00	45.54 2.33 0.00	45.41 2.43 0.00	44.96 2.66 0.00	43.07 2.77 0.00	46.35 3.00 0.00	54.88 3.63 0.00	55.87 3.70 0.00	58.16 3.85 0.00	46.65 3.04 0.00	61.47 3.34 0.00	70.96 3.85 0.00	76.92 4.25 -0.01	73.00 3.74 0.00	61.99 3.39 0.00	60.36 3.08 0.00	80.13 4.16 0.00	65.54 3.46 0.00	53.18 2.49 0.00	48.47 2.13 0.00
GLOBAL GREEN_PORT_GT1 23814	67.93 6.54 0.00	63.55 5.92 0.00	47.29 4.37 0.00	47.96 4.14 0.00	46.34 4.01 0.00	47.08 3.87 0.00	46.36 3.37 0.00	45.39 3.08 0.00	43.36 3.07 0.00	46.60 3.26 0.00	55.55 4.30 0.00	56.64 4.47 0.00	59.01 4.70 0.00	46.99 3.37 0.00	65.55 3.10 -4.33	77.64 4.09 -6.44	85.07 4.93 -7.48	73.46 4.20 0.00	62.24 3.64 0.00	60.38 3.10 0.00	79.86 3.87 -0.01	65.17 3.07 -0.01	52.77 2.08 0.00	48.09 1.74 0.00
GLOBE____DSASP 323697	57.07 -4.31 0.00	53.71 -3.92 0.00	39.93 -2.99 0.00	40.85 -2.98 0.00	39.41 -2.91 0.00	40.12 -3.09 0.00	40.04 -2.95 0.00	39.06 -3.25 0.00	36.86 -3.44 0.00	40.04 -3.30 0.00	46.83 -4.37 0.04	43.14 -4.16 4.87	45.73 -4.54 4.05	38.97 -4.15 0.49	52.33 -5.79 0.00	53.61 -6.86 6.64	49.60 -7.40 15.65	50.49 -6.37 12.40	42.00 -5.80 10.80	51.81 -5.33 0.15	69.64 -6.34 0.00	57.16 -4.93 0.00	47.78 -2.91 0.00	44.18 -2.16 0.00
GOETHSLN____LBMP 323567	64.01 2.63 0.00	59.97 2.34 0.00	44.65 1.73 0.00	45.65 1.83 0.00	44.20 1.88 0.00	45.16 1.96 0.00	45.06 2.08 0.00	44.66 2.35 0.00	42.76 2.47 0.00	45.91 2.57 0.00	54.36 3.11 0.00	55.43 3.26 0.00	57.83 3.52 0.00	46.53 2.91 0.00	61.37 3.24 0.00	70.77 3.66 0.00	76.52 3.86 0.00	72.61 3.35 0.00	61.74 3.14 0.00	60.11 2.82 0.00	79.47 3.49 0.00	65.03 2.94 0.00	52.77 2.09 0.00	48.05 1.70 0.00
GOLAH____69_KV_TB 1_2 80279	60.11 -1.27 0.00	56.50 -1.13 0.00	42.03 -0.89 0.00	42.94 -0.89 0.00	41.48 -0.84 0.00	42.28 -0.93 0.00	42.24 -0.75 0.00	41.34 -0.97 0.00	39.18 -1.12 0.00	42.41 -0.93 0.00	49.81 -1.42 0.01	49.81 -1.40 0.97	51.77 -1.74 0.80	41.94 -1.58 0.10	56.00 -2.13 0.00	63.29 -2.50 1.32	67.00 -2.54 3.11	64.88 -1.91 2.46	54.52 -1.93 2.15	55.84 -1.41 0.03	74.59 -1.39 0.00	60.90 -1.19 0.00	50.15 -0.54 0.00	45.92 -0.43 0.00
GOODYEAR_LAKE_HYD 323669	62.37 0.99 0.00	58.49 0.86 0.00	43.51 0.59 0.00	44.42 0.59 0.00	42.91 0.59 0.00	43.81 0.60 0.00	43.62 0.64 0.00	43.00 0.69 0.00	41.07 0.78 0.00	44.27 0.92 0.00	52.28 1.04 0.00	53.33 1.16 0.00	55.59 1.28 0.00	44.57 0.95 0.00	59.10 0.98 0.00	68.33 1.22 0.00	74.06 1.41 0.00	70.69 1.43 0.00	59.87 1.27 0.00	58.49 1.21 0.00	77.49 1.51 0.00	63.14 1.06 0.00	51.33 0.64 0.00	46.91 0.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	60.49 -0.90 0.00	56.83 -0.79 0.00	42.21 -0.71 0.00	43.12 -0.71 0.00	41.67 -0.66 0.00	42.48 -0.73 0.00	42.29 -0.69 0.00	41.64 -0.67 0.00	39.64 -0.65 0.00	42.77 -0.57 0.00	50.48 -0.78 -0.01	52.76 -0.67 -1.26	54.69 -0.67 -1.05	43.08 -0.67 -0.13	56.77 -1.36 0.00	67.39 -1.44 -1.72	75.20 -1.52 -4.06	71.25 -1.23 -3.22	60.20 -1.21 -2.80	56.47 -0.84 -0.04	74.90 -1.08 0.00	61.11 -0.98 0.00	49.90 -0.79 0.00	45.57 -0.78 0.00

GOUDEY___7 23579	60.49 -0.90 0.00	56.83 -0.79 0.00	42.21 -0.71 0.00	43.12 -0.71 0.00	41.67 -0.66 0.00	42.48 -0.73 0.00	42.29 -0.69 0.00	41.64 -0.67 0.00	39.64 -0.65 0.00	42.77 -0.57 0.00	50.48 -0.78 -0.01	52.76 -0.67 -1.26	54.69 -0.67 -1.05	43.08 -0.67 -0.13	56.77 -1.36 0.00	67.39 -1.44 -1.72	75.20 -1.52 -4.06	71.25 -1.23 -3.22	60.20 -1.21 -2.80	56.47 -0.84 -0.04	74.90 -1.08 0.00	61.11 -0.98 0.00	49.90 -0.79 0.00	45.57 -0.78 0.00
GOUDEY___8 23580	60.49 -0.90 0.00	56.83 -0.79 0.00	42.21 -0.71 0.00	43.12 -0.71 0.00	41.67 -0.66 0.00	42.48 -0.73 0.00	42.29 -0.69 0.00	41.64 -0.67 0.00	39.64 -0.65 0.00	42.77 -0.57 0.00	50.48 -0.78 -0.01	52.76 -0.67 -1.26	54.69 -0.67 -1.05	43.08 -0.67 -0.13	56.77 -1.36 0.00	67.39 -1.44 -1.72	75.20 -1.52 -4.06	71.25 -1.23 -3.22	60.20 -1.21 -2.80	56.47 -0.84 -0.04	74.90 -1.08 0.00	61.11 -0.98 0.00	49.90 -0.79 0.00	45.57 -0.78 0.00
GOWANUS_GT1_1 24077	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_2 24078	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_3 24079	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_4 24080	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_5 24084	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_6 24111	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_7 24112	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT1_8 24113	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_1 24114	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_2 24115	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_3 24116	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_4 24117	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_5 24118	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00

GOWANUS_GT2_6 24119	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_7 24120	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT2_8 24121	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_1 24122	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_2 24123	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_3 24124	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_4 24125	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_5 24126	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_6 24127	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_7 24128	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT3_8 24129	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_1 24130	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_2 24131	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_3 24132	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_4 24133	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00

GOWANUS_GT4_5 24134	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_6 24135	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_7 24136	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GOWANUS_GT4_8 24137	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GREATVRV_69_KV_BK1 356245	65.85 4.47 0.00	61.71 4.08 0.00	45.96 3.04 0.00	46.72 2.89 0.00	45.16 2.84 0.00	46.14 2.93 0.00	45.97 2.99 0.00	45.47 3.16 0.00	43.60 3.31 0.00	47.05 3.71 0.00	56.20 4.96 0.00	57.42 5.25 0.00	59.68 5.37 0.00	47.65 4.03 0.00	65.88 4.55 -3.19	77.34 5.47 -4.75	84.45 6.27 -5.53	74.58 5.32 0.00	63.24 4.64 0.00	61.45 4.17 0.00	81.49 5.51 -0.01	66.52 4.43 -0.01	53.81 3.12 0.00	49.04 2.69 0.00
GREENBSH_115KV_TB3 55895	62.68 1.29 0.00	58.80 1.17 0.00	43.99 1.07 0.00	44.90 1.07 0.00	43.41 1.08 0.00	44.35 1.14 0.00	44.19 1.21 0.00	43.58 1.27 0.00	41.65 1.35 0.00	44.80 1.46 0.00	52.94 1.70 0.00	53.91 1.74 0.00	56.13 1.82 0.00	45.12 1.51 0.00	59.75 1.62 0.00	68.84 1.73 0.00	74.47 1.81 0.00	70.77 1.51 0.00	60.09 1.49 0.00	58.60 1.32 0.00	77.42 1.45 0.00	63.38 1.29 0.00	51.71 1.02 0.00	47.35 1.01 0.00
GREENDGE_115KV_TB5 80291	60.44 -0.94 0.00	56.99 -0.64 0.00	41.98 -0.95 0.00	42.81 -1.02 0.00	41.29 -1.04 0.00	42.04 -1.17 0.00	41.93 -1.06 0.00	41.35 -0.96 0.00	39.34 -0.96 0.00	42.44 -0.90 0.00	50.11 -1.26 -0.13	65.97 -1.26 -15.06	65.49 -1.34 -12.52	43.49 -1.64 -1.52	55.61 -2.52 0.00	85.43 -2.20 -20.53	118.94 -2.14 -48.42	105.97 -1.64 -38.35	90.41 -1.59 -33.40	56.64 -1.10 -0.46	74.64 -1.34 0.00	60.86 -1.22 0.00	49.71 -0.97 0.00	45.28 -1.07 0.00
GREENIDGE___3 23582	60.44 -0.94 0.00	56.99 -0.64 0.00	41.98 -0.95 0.00	42.81 -1.02 0.00	41.29 -1.04 0.00	42.04 -1.17 0.00	41.93 -1.06 0.00	41.35 -0.96 0.00	39.34 -0.96 0.00	42.44 -0.90 0.00	50.11 -1.26 -0.13	65.97 -1.26 -15.06	65.49 -1.34 -12.52	43.49 -1.64 -1.52	55.61 -2.52 0.00	85.43 -2.20 -20.53	118.94 -2.14 -48.42	105.97 -1.64 -38.35	90.41 -1.59 -33.40	56.64 -1.10 -0.46	74.64 -1.34 0.00	60.86 -1.22 0.00	49.71 -0.97 0.00	45.28 -1.07 0.00
GREENIDGE___4 23583	60.44 -0.94 0.00	56.99 -0.64 0.00	41.98 -0.95 0.00	42.81 -1.02 0.00	41.29 -1.04 0.00	42.04 -1.17 0.00	41.93 -1.06 0.00	41.34 -0.97 0.00	39.34 -0.96 0.00	42.44 -0.90 0.00	50.12 -1.26 -0.13	65.96 -1.27 -15.06	65.48 -1.35 -12.52	43.50 -1.63 -1.52	55.62 -2.51 0.00	85.41 -2.23 -20.53	118.94 -2.13 -48.42	105.96 -1.65 -38.35	90.41 -1.59 -33.40	56.64 -1.10 -0.46	74.64 -1.33 0.00	60.87 -1.22 0.00	49.72 -0.97 0.00	45.29 -1.06 0.00
GREENLWN_69_KV_BK 3 55738	64.81 3.43 0.00	60.73 3.11 0.00	45.25 2.33 0.00	46.05 2.23 0.00	44.52 2.19 0.00	45.48 2.27 0.00	45.32 2.34 0.00	44.84 2.53 0.00	42.99 2.70 0.00	46.35 3.01 0.00	55.33 4.09 0.00	56.46 4.29 0.00	58.60 4.29 0.00	46.73 3.12 0.00	57.52 3.18 3.78	65.29 3.79 5.62	70.53 4.39 6.52	73.08 3.82 0.00	62.03 3.43 0.00	60.25 2.97 0.00	79.74 3.77 0.01	65.19 3.11 0.01	52.90 2.22 0.00	48.35 2.01 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
GRISSOM___SOLAR 323813	63.60 2.21 0.00	59.60 1.97 0.00	44.32 1.40 0.00	45.23 1.40 0.00	43.67 1.34 0.00	44.62 1.41 0.00	44.47 1.49 0.00	43.84 1.53 0.00	41.92 1.62 0.00	45.07 1.73 0.00	53.25 2.00 0.00	54.35 2.18 0.00	56.70 2.39 0.00	45.48 1.87 0.00	60.56 2.43 0.00	70.10 2.99 0.00	75.96 3.31 0.00	72.35 3.09 0.00	61.20 2.60 0.00	59.69 2.41 0.00	79.13 3.16 0.00	64.56 2.47 0.00	52.40 1.71 0.00	47.86 1.51 0.00
GROVEVILLE___HYD 323602	64.37 2.99 0.00	60.32 2.69 0.00	44.95 2.03 0.00	45.89 2.06 0.00	44.39 2.07 0.00	45.39 2.18 0.00	45.28 2.30 0.00	44.82 2.51 0.00	42.89 2.59 0.00	46.17 2.83 0.00	54.60 3.36 0.00	55.68 3.51 0.00	58.06 3.75 0.00	46.68 3.07 0.00	61.66 3.53 0.00	71.12 4.01 0.00	76.97 4.31 0.00	73.18 3.92 0.00	62.10 3.51 0.00	60.48 3.20 0.00	79.97 3.99 0.00	65.34 3.25 0.00	53.09 2.41 0.00	48.38 2.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.41 -0.83 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.68 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.05 0.00	57.63 -0.98 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
HAMLTNNY_34_KV_TB 80303	60.51 -0.87 0.00	56.90 -0.73 0.00	42.32 -0.60 0.00	43.22 -0.60 0.00	41.77 -0.56 0.00	42.63 -0.57 0.00	42.45 -0.53 0.00	41.71 -0.60 0.00	39.65 -0.65 0.00	42.71 -0.63 0.00	50.42 -0.82 0.00	51.42 -0.75 0.00	53.55 -0.76 0.00	42.89 -0.72 0.00	56.93 -1.20 0.00	65.83 -1.29 0.00	71.41 -1.25 0.00	68.27 -0.99 0.00	57.67 -0.93 0.00	56.52 -0.76 0.00	74.96 -1.02 0.00	61.11 -0.98 0.00	49.94 -0.75 0.00	45.64 -0.71 0.00

HAMPSHIRE___PAPER_HYD 323593	61.72 0.34 0.00	57.97 0.34 0.00	42.80 -0.12 0.00	43.08 -0.75 0.00	41.53 -0.80 0.00	42.14 -1.07 0.00	41.73 -1.25 0.00	41.07 -1.24 0.00	39.08 -1.22 0.00	42.08 -1.27 0.00	50.35 -0.89 0.00	51.17 -1.00 0.00	53.49 -0.82 0.00	42.95 -0.66 0.00	57.26 -0.87 0.00	65.59 -1.52 0.00	70.84 -1.81 0.00	67.68 -1.59 0.00	56.86 -1.74 0.00	55.61 -1.67 0.00	74.11 -1.86 0.00	60.90 -1.19 0.00	49.89 -0.80 0.00	45.50 -0.84 0.00
HARDSCRABBLE_WT_PWR 323673	64.00 2.61 0.00	59.79 2.17 0.00	44.49 1.57 0.00	45.42 1.60 0.00	43.95 1.62 0.00	44.82 1.60 0.00	44.76 1.78 0.00	44.16 1.85 0.00	42.31 2.01 0.00	45.44 2.10 0.00	53.72 2.48 0.00	55.04 2.87 0.00	57.61 3.30 0.00	46.28 2.67 0.00	61.47 3.34 0.00	70.93 3.82 0.00	76.93 4.28 0.00	72.88 3.62 0.00	61.78 3.18 0.00	60.21 2.93 0.00	79.71 3.73 0.00	64.98 2.89 0.00	52.67 1.98 0.00	48.09 1.75 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	63.76 2.37 0.00	59.76 2.13 0.00	44.53 1.61 0.00	45.43 1.61 0.00	43.94 1.61 0.00	44.92 1.72 0.00	44.83 1.85 0.00	44.35 2.05 0.00	42.43 2.13 0.00	45.70 2.36 0.00	54.07 2.83 0.00	55.11 2.94 0.00	57.48 3.17 0.00	46.24 2.63 0.00	61.11 2.98 0.00	70.47 3.35 0.00	76.27 3.62 0.00	72.46 3.19 0.00	61.49 2.89 0.00	59.89 2.61 0.00	79.25 3.28 0.00	64.77 2.69 0.00	52.62 1.93 0.00	47.94 1.60 0.00
HARSNRAD_115KV_TB1 81005	57.93 -3.45 0.00	54.57 -3.06 0.00	40.62 -2.30 0.00	41.53 -2.30 0.00	40.05 -2.28 0.00	40.74 -2.47 0.00	40.68 -2.30 0.00	39.70 -2.62 0.00	37.41 -2.89 0.00	40.62 -2.72 0.00	47.44 -3.76 0.04	43.76 -3.51 4.90	46.34 -3.89 4.08	39.56 -3.56 0.49	53.14 -4.99 0.00	54.40 -6.02 6.68	50.20 -6.69 15.76	51.12 -5.66 12.49	42.54 -5.19 10.87	52.88 -4.25 0.15	71.17 -4.81 0.00	58.40 -3.69 0.00	48.50 -2.19 0.00	44.55 -1.80 0.00
HARZA MOOSE___RIVER 24016	62.20 0.82 0.00	58.33 0.70 0.00	43.17 0.24 0.00	43.37 -0.46 0.00	41.89 -0.43 0.00	42.70 -0.51 0.00	42.41 -0.57 0.00	41.77 -0.54 0.00	39.81 -0.49 0.00	42.88 -0.46 0.00	50.94 -0.30 0.00	51.92 -0.25 0.00	54.34 0.03 0.00	43.60 -0.02 0.00	57.73 -0.40 0.00	66.49 -0.62 0.00	72.06 -0.59 0.00	69.00 -0.26 0.00	58.19 -0.41 0.00	56.88 -0.40 0.00	75.38 -0.59 0.00	61.49 -0.59 0.00	50.08 -0.60 0.00	45.68 -0.67 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	60.20 -1.18 0.00	56.61 -1.02 0.00	42.11 -0.81 0.00	42.99 -0.84 0.00	41.54 -0.79 0.00	42.41 -0.80 0.00	42.19 -0.79 0.00	41.46 -0.85 0.00	39.40 -0.90 0.00	42.41 -0.93 0.00	50.08 -1.16 0.00	51.06 -1.11 0.00	53.16 -1.15 0.00	42.65 -0.97 0.00	56.59 -1.54 0.00	65.38 -1.73 0.00	70.85 -1.81 0.00	67.67 -1.59 0.00	57.18 -1.42 0.00	56.00 -1.28 0.00	74.27 -1.71 0.00	60.61 -1.48 0.00	49.46 -1.22 0.00	45.24 -1.11 0.00
HELLGATE_13_KV_LD 55870	64.70 3.32 0.00	60.64 3.01 0.00	45.14 2.22 0.00	46.19 2.36 0.00	44.74 2.41 0.00	45.64 2.43 0.00	45.55 2.57 0.00	45.16 2.85 0.00	43.21 2.92 0.00	46.42 3.07 0.00	55.00 3.75 0.00	56.10 3.93 0.00	58.54 4.23 0.00	47.07 3.46 0.00	61.96 3.83 0.00	71.56 4.45 0.00	77.36 4.70 0.00	73.41 4.14 0.00	62.49 3.89 0.00	60.77 3.49 0.00	80.30 4.32 0.00	65.71 3.63 0.00	53.32 2.64 0.00	48.53 2.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	64.70 3.32 0.00	60.64 3.01 0.00	45.14 2.22 0.00	46.19 2.36 0.00	44.74 2.41 0.00	45.64 2.43 0.00	45.55 2.57 0.00	45.16 2.85 0.00	43.21 2.92 0.00	46.42 3.07 0.00	55.00 3.75 0.00	56.10 3.93 0.00	58.54 4.23 0.00	47.07 3.46 0.00	61.96 3.83 0.00	71.56 4.45 0.00	77.36 4.70 0.00	73.41 4.14 0.00	62.49 3.89 0.00	60.77 3.49 0.00	80.30 4.32 0.00	65.71 3.63 0.00	53.32 2.64 0.00	48.53 2.18 0.00
HEMPSTEAD____ 23647	64.59 3.20 0.00	60.51 2.88 0.00	45.07 2.15 0.00	45.90 2.07 0.00	44.42 2.10 0.00	45.39 2.18 0.00	45.26 2.28 0.00	44.81 2.50 0.00	42.94 2.64 0.00	46.23 2.89 0.00	54.88 3.63 0.00	55.96 3.78 0.00	58.19 3.88 0.00	46.61 2.99 0.00	61.37 3.24 0.00	70.86 3.75 0.00	76.89 4.23 -0.01	72.98 3.72 0.00	61.95 3.35 0.00	60.25 2.97 0.00	79.84 3.86 0.00	65.34 3.26 0.00	53.00 2.31 0.00	48.31 1.97 0.00
HICKLING___1 23621	59.26 -2.12 0.00	55.86 -1.77 0.00	41.18 -1.74 0.00	42.03 -1.80 0.00	40.55 -1.78 0.00	41.26 -1.95 0.00	41.10 -1.88 0.00	40.48 -1.83 0.00	38.49 -1.80 0.00	41.59 -1.75 0.00	49.02 -2.27 -0.05	55.19 -2.22 -5.24	56.39 -2.28 -4.36	42.07 -2.08 -0.53	54.84 -3.29 0.00	70.77 -3.48 -7.14	85.79 -3.72 -16.85	79.39 -3.22 -13.35	67.28 -2.94 -11.62	55.04 -2.40 -0.16	73.04 -2.94 0.00	59.64 -2.45 0.00	48.81 -1.88 0.00	44.51 -1.84 0.00
HICKLING___2 23622	59.26 -2.12 0.00	55.86 -1.77 0.00	41.18 -1.74 0.00	42.03 -1.80 0.00	40.55 -1.78 0.00	41.26 -1.95 0.00	41.10 -1.88 0.00	40.48 -1.83 0.00	38.49 -1.80 0.00	41.59 -1.75 0.00	49.02 -2.27 -0.05	55.19 -2.22 -5.24	56.39 -2.28 -4.36	42.07 -2.08 -0.53	54.84 -3.29 0.00	70.77 -3.48 -7.14	85.79 -3.72 -16.85	79.39 -3.22 -13.35	67.28 -2.94 -11.62	55.04 -2.40 -0.16	73.04 -2.94 0.00	59.64 -2.45 0.00	48.81 -1.88 0.00	44.51 -1.84 0.00
HIGH FALLS___HY 23754	64.23 2.85 0.00	60.19 2.56 0.00	44.82 1.90 0.00	45.74 1.91 0.00	44.25 1.93 0.00	45.24 2.03 0.00	45.18 2.20 0.00	44.72 2.41 0.00	42.82 2.52 0.00	46.12 2.78 0.00	54.57 3.33 0.00	55.69 3.52 0.00	58.06 3.74 0.00	46.69 3.08 0.00	61.66 3.53 0.00	71.11 4.00 0.00	77.00 4.34 0.00	73.21 3.95 0.00	62.08 3.48 0.00	60.48 3.20 0.00	79.97 3.99 0.00	65.29 3.21 0.00	53.01 2.32 0.00	48.26 1.91 0.00
HIGH_RIVER___SOLAR 323847	63.36 1.98 0.00	59.39 1.76 0.00	44.17 1.25 0.00	45.10 1.27 0.00	43.54 1.21 0.00	44.47 1.26 0.00	44.31 1.33 0.00	43.67 1.36 0.00	41.67 1.37 0.00	44.73 1.39 0.00	52.76 1.52 0.00	53.84 1.67 0.00	56.23 1.92 0.00	45.16 1.54 0.00	60.20 2.07 0.00	69.68 2.57 0.00	75.48 2.82 0.00	71.91 2.65 0.00	60.84 2.23 0.00	59.34 2.06 0.00	78.68 2.70 0.00	64.19 2.11 0.00	52.19 1.50 0.00	47.71 1.36 0.00
HILLBURN___GT 23639	63.55 2.16 0.00	59.55 1.92 0.00	44.38 1.46 0.00	45.27 1.45 0.00	43.80 1.47 0.00	44.79 1.58 0.00	44.70 1.71 0.00	44.24 1.93 0.00	42.33 2.03 0.00	45.57 2.23 0.00	53.91 2.67 0.00	54.91 2.74 0.00	57.28 2.97 0.00	46.08 2.47 0.00	60.89 2.76 0.00	70.19 3.08 0.00	75.96 3.30 0.00	72.11 2.85 0.00	61.24 2.63 0.00	59.63 2.35 0.00	78.93 2.95 0.00	64.54 2.45 0.00	52.42 1.74 0.00	47.76 1.41 0.00
HILLSIDE_115KV_TB1 80332	58.72 -2.67 0.00	55.28 -2.35 0.00	40.85 -2.07 0.00	41.74 -2.09 0.00	40.33 -2.00 0.00	41.04 -2.17 0.00	40.88 -2.11 0.00	40.27 -2.04 0.00	38.28 -2.02 0.00	41.36 -1.99 0.00	48.78 -2.50 -0.04	53.91 -2.43 -4.17	55.28 -2.50 -3.47	41.81 -2.23 -0.42	54.54 -3.59 0.00	68.95 -3.84 -5.68	81.88 -4.17 -13.40	76.24 -3.63 -10.61	64.60 -3.24 -9.24	54.70 -2.70 -0.13	72.58 -3.40 0.00	59.21 -2.87 0.00	48.46 -2.23 0.00	44.16 -2.19 0.00

HISHELDN_WT_PWR 323625	57.87 -3.52 0.00	54.61 -3.02 0.00	40.33 -2.59 0.00	41.07 -2.76 0.00	39.48 -2.85 0.00	39.96 -3.25 0.00	39.78 -3.20 0.00	38.92 -3.39 0.00	36.87 -3.43 0.00	39.99 -3.35 0.00	46.68 -4.42 0.15	30.91 -4.37 16.89	35.59 -4.67 14.05	37.88 -4.03 1.70	52.37 -5.76 0.00	37.31 -6.77 23.03	11.01 -7.34 54.31	19.81 -6.44 43.02	15.36 -5.77 37.46	51.73 -5.04 0.51	70.10 -5.87 0.00	57.47 -4.61 0.00	47.57 -3.12 0.00	43.69 -2.66 0.00
HOLTSVILLE_IC_1 23690	65.26 3.87 0.00	61.11 3.49 0.00	45.53 2.61 0.00	46.27 2.44 0.00	44.73 2.40 0.00	45.66 2.45 0.00	45.44 2.45 0.00	44.91 2.60 0.00	43.07 2.78 0.00	46.44 3.10 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	46.95 3.34 0.00	66.04 3.34 -4.58	78.04 4.12 -6.81	85.39 4.82 -7.92	73.40 4.14 0.00	62.27 3.67 0.00	60.46 3.18 0.00	80.09 4.11 -0.01	65.51 3.42 -0.01	53.08 2.39 0.00	48.41 2.07 0.00
HOLTSVILLE_IC_10 23699	65.58 4.19 0.00	61.40 3.77 0.00	45.74 2.82 0.00	46.47 2.64 0.00	44.92 2.59 0.00	45.85 2.64 0.00	45.62 2.64 0.00	45.08 2.77 0.00	43.25 2.95 0.00	46.64 3.30 0.00	55.76 4.52 0.00	56.96 4.79 0.00	59.21 4.90 0.00	47.22 3.61 0.00	65.52 3.68 -3.72	77.21 4.56 -5.53	84.42 5.33 -6.43	73.88 4.61 0.00	62.65 4.05 0.00	60.82 3.54 0.00	80.57 4.59 -0.01	65.88 3.79 -0.01	53.32 2.64 0.00	48.63 2.29 0.00
HOLTSVILLE_IC_2 23691	65.26 3.87 0.00	61.11 3.49 0.00	45.53 2.61 0.00	46.27 2.44 0.00	44.73 2.40 0.00	45.66 2.45 0.00	45.44 2.45 0.00	44.91 2.60 0.00	43.07 2.78 0.00	46.44 3.10 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	46.95 3.34 0.00	66.04 3.34 -4.58	78.04 4.12 -6.81	85.39 4.82 -7.92	73.40 4.14 0.00	62.27 3.67 0.00	60.46 3.18 0.00	80.09 4.11 -0.01	65.51 3.42 -0.01	53.08 2.39 0.00	48.41 2.07 0.00
HOLTSVILLE_IC_3 23692	65.26 3.87 0.00	61.11 3.49 0.00	45.53 2.61 0.00	46.27 2.44 0.00	44.73 2.40 0.00	45.66 2.45 0.00	45.44 2.45 0.00	44.91 2.60 0.00	43.07 2.78 0.00	46.44 3.10 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	46.95 3.34 0.00	66.04 3.34 -4.58	78.04 4.12 -6.81	85.39 4.82 -7.92	73.40 4.14 0.00	62.27 3.67 0.00	60.46 3.18 0.00	80.09 4.11 -0.01	65.51 3.42 -0.01	53.08 2.39 0.00	48.41 2.07 0.00
HOLTSVILLE_IC_4 23693	65.26 3.87 0.00	61.11 3.49 0.00	45.53 2.61 0.00	46.27 2.44 0.00	44.73 2.40 0.00	45.66 2.45 0.00	45.44 2.45 0.00	44.91 2.60 0.00	43.07 2.78 0.00	46.44 3.10 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	46.95 3.34 0.00	66.04 3.34 -4.58	78.04 4.12 -6.81	85.39 4.82 -7.92	73.40 4.14 0.00	62.27 3.67 0.00	60.46 3.18 0.00	80.09 4.11 -0.01	65.51 3.42 -0.01	53.08 2.39 0.00	48.41 2.07 0.00
HOLTSVILLE_IC_5 23694	65.26 3.87 0.00	61.11 3.49 0.00	45.53 2.61 0.00	46.27 2.44 0.00	44.73 2.40 0.00	45.66 2.45 0.00	45.44 2.45 0.00	44.91 2.60 0.00	43.07 2.78 0.00	46.44 3.10 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	46.95 3.34 0.00	66.04 3.34 -4.58	78.04 4.12 -6.81	85.39 4.82 -7.92	73.40 4.14 0.00	62.27 3.67 0.00	60.46 3.18 0.00	80.09 4.11 -0.01	65.51 3.42 -0.01	53.08 2.39 0.00	48.41 2.07 0.00
HOLTSVILLE_IC_6 23695	65.58 4.19 0.00	61.40 3.77 0.00	45.74 2.82 0.00	46.47 2.64 0.00	44.92 2.59 0.00	45.85 2.64 0.00	45.62 2.64 0.00	45.08 2.77 0.00	43.25 2.95 0.00	46.64 3.30 0.00	55.76 4.52 0.00	56.96 4.79 0.00	59.21 4.90 0.00	47.22 3.61 0.00	65.52 3.68 -3.72	77.21 4.56 -5.53	84.42 5.33 -6.43	73.88 4.61 0.00	62.65 4.05 0.00	60.82 3.54 0.00	80.57 4.59 -0.01	65.88 3.79 -0.01	53.32 2.64 0.00	48.63 2.29 0.00
HOLTSVILLE_IC_7 23696	65.58 4.19 0.00	61.40 3.77 0.00	45.74 2.82 0.00	46.47 2.64 0.00	44.92 2.59 0.00	45.85 2.64 0.00	45.62 2.64 0.00	45.08 2.77 0.00	43.25 2.95 0.00	46.64 3.30 0.00	55.76 4.52 0.00	56.96 4.79 0.00	59.21 4.90 0.00	47.22 3.61 0.00	65.52 3.68 -3.72	77.21 4.56 -5.53	84.42 5.33 -6.43	73.88 4.61 0.00	62.65 4.05 0.00	60.82 3.54 0.00	80.57 4.59 -0.01	65.88 3.79 -0.01	53.32 2.64 0.00	48.63 2.29 0.00
HOLTSVILLE_IC_8 23697	65.58 4.19 0.00	61.40 3.77 0.00	45.74 2.82 0.00	46.47 2.64 0.00	44.92 2.59 0.00	45.85 2.64 0.00	45.62 2.64 0.00	45.08 2.77 0.00	43.25 2.95 0.00	46.64 3.30 0.00	55.76 4.52 0.00	56.96 4.79 0.00	59.21 4.90 0.00	47.22 3.61 0.00	65.52 3.68 -3.72	77.21 4.56 -5.53	84.42 5.33 -6.43	73.88 4.61 0.00	62.65 4.05 0.00	60.82 3.54 0.00	80.57 4.59 -0.01	65.88 3.79 -0.01	53.32 2.64 0.00	48.63 2.29 0.00
HOLTSVILLE_IC_9 23698	65.58 4.19 0.00	61.40 3.77 0.00	45.74 2.82 0.00	46.47 2.64 0.00	44.92 2.59 0.00	45.85 2.64 0.00	45.62 2.64 0.00	45.08 2.77 0.00	43.25 2.95 0.00	46.64 3.30 0.00	55.76 4.52 0.00	56.96 4.79 0.00	59.21 4.90 0.00	47.22 3.61 0.00	65.52 3.68 -3.72	77.21 4.56 -5.53	84.42 5.33 -6.43	73.88 4.61 0.00	62.65 4.05 0.00	60.82 3.54 0.00	80.57 4.59 -0.01	65.88 3.79 -0.01	53.32 2.64 0.00	48.63 2.29 0.00
HOMER_HL_115KV_TB2 355744	58.76 -2.62 0.00	55.21 -2.42 0.00	40.95 -1.97 0.00	41.70 -2.13 0.00	40.17 -2.16 0.00	40.69 -2.52 0.00	40.40 -2.58 0.00	39.69 -2.62 0.00	37.77 -2.53 0.00	40.91 -2.43 0.00	48.27 -2.97 0.01	48.47 -2.84 0.86	50.62 -2.97 0.72	40.71 -2.82 0.09	53.52 -4.60 0.00	60.62 -5.31 1.18	64.27 -5.61 2.78	62.16 -4.90 2.20	52.19 -4.49 1.92	53.62 -3.64 0.03	71.89 -4.09 0.00	59.03 -3.06 0.00	48.73 -1.95 0.00	44.67 -1.68 0.00
HOWARD_WT_PWR 323690	57.37 -4.01 0.00	54.65 -2.98 0.00	39.73 -3.19 0.00	40.26 -3.57 0.00	38.64 -3.68 0.00	39.21 -4.00 0.00	39.01 -3.97 0.00	38.42 -3.89 0.00	36.57 -3.73 0.00	39.64 -3.70 0.00	46.78 -4.65 -0.19	69.14 -4.67 -21.64	67.35 -4.96 -18.00	41.41 -4.39 -2.18	52.31 -5.82 0.00	90.46 -6.15 -29.50	135.47 -6.77 -69.58	117.89 -6.48 -55.11	100.76 -5.83 -48.00	52.69 -5.24 -0.66	69.39 -6.58 0.00	56.75 -5.33 0.00	46.61 -4.08 0.00	42.51 -3.84 0.00
HQ_GEN_CEDARS 23644	62.63 1.24 0.00	58.81 1.19 0.00	43.74 0.82 0.00	44.66 0.83 0.00	43.05 0.73 0.00	43.84 0.63 0.00	43.52 0.54 0.00	42.82 0.51 0.00	40.70 0.40 0.00	43.69 0.35 0.00	51.89 0.65 0.00	52.64 0.47 0.00	54.76 0.45 0.00	44.01 0.40 0.00	59.11 0.99 0.00	68.16 1.05 0.00	73.72 1.06 0.00	70.28 1.02 0.00	59.23 0.63 0.00	57.96 0.68 0.00	77.20 1.22 0.00	63.18 1.09 0.00	51.78 1.09 0.00	47.31 0.96 0.00
HQ_GEN_CEDARS_PROXY 323590	62.63 1.24 0.00	58.82 1.19 0.00	43.74 0.82 0.00	44.66 0.83 0.00	43.05 0.73 0.00	43.84 0.63 0.00	43.52 0.54 0.00	42.82 0.51 0.00	40.70 0.40 0.00	43.70 0.35 0.00	51.89 0.65 0.00	52.63 0.46 0.00	54.76 0.45 0.00	44.01 0.39 0.00	59.11 0.98 0.00	68.16 1.05 0.00	73.72 1.06 0.00	70.29 1.02 0.00	59.23 0.63 0.00	57.97 0.69 0.00	77.19 1.22 0.00	63.18 1.09 0.00	51.78 1.09 0.00	47.31 0.96 0.00

HQ_GEN_IMPORT 323601	62.71 0.15 -1.18	57.76 0.13 0.00	42.86 0.09 0.15	43.92 0.10 0.00	42.38 0.05 0.00	43.23 0.02 0.00	42.96 -0.02 0.00	42.27 -0.04 0.00	40.21 -0.09 0.00	43.21 -0.13 0.00	51.18 -0.06 0.00	52.03 -0.14 0.00	54.11 -0.20 0.00	43.48 -0.13 0.00	58.38 0.25 0.00	67.42 0.31 0.00	73.01 0.36 0.00	69.66 0.40 0.00	58.85 0.25 0.00	57.56 0.28 0.00	76.48 0.50 0.00	62.49 0.40 0.00	51.09 0.41 0.00	46.71 0.36 0.00
HQ_GEN_WHEEL 23651	62.71 0.15 -1.18	57.76 0.13 0.00	42.86 0.09 0.15	43.92 0.10 0.00	42.38 0.05 0.00	43.23 0.02 0.00	42.96 -0.02 0.00	42.27 -0.04 0.00	40.21 -0.09 0.00	43.21 -0.13 0.00	51.18 -0.06 0.00	52.03 -0.14 0.00	54.11 -0.20 0.00	43.48 -0.13 0.00	58.38 0.25 0.00	67.42 0.31 0.00	73.01 0.36 0.00	69.66 0.40 0.00	58.85 0.25 0.00	57.56 0.28 0.00	76.48 0.50 0.00	62.49 0.40 0.00	51.09 0.41 0.00	46.71 0.36 0.00
HUDSON AVE_GT_3 23810	64.32 2.94 0.00	60.27 2.64 0.00	44.88 1.96 0.00	45.88 2.06 0.00	44.43 2.11 0.00	45.39 2.19 0.00	45.28 2.29 0.00	44.87 2.56 0.00	42.96 2.67 0.00	46.13 2.79 0.00	54.63 3.39 0.00	55.72 3.55 0.00	58.12 3.82 0.00	46.75 3.13 0.00	61.66 3.53 0.00	71.11 4.00 0.00	76.88 4.23 0.00	72.96 3.70 0.00	62.05 3.46 0.00	60.42 3.14 0.00	79.85 3.88 0.00	65.34 3.25 0.00	53.03 2.34 0.00	48.29 1.94 0.00
HUDSON AVE_GT_4 23540	64.32 2.94 0.00	60.27 2.64 0.00	44.88 1.96 0.00	45.88 2.06 0.00	44.43 2.11 0.00	45.39 2.19 0.00	45.28 2.29 0.00	44.87 2.56 0.00	42.96 2.67 0.00	46.13 2.79 0.00	54.63 3.39 0.00	55.72 3.55 0.00	58.12 3.82 0.00	46.75 3.13 0.00	61.66 3.53 0.00	71.11 4.00 0.00	76.88 4.23 0.00	72.96 3.70 0.00	62.05 3.46 0.00	60.42 3.14 0.00	79.85 3.88 0.00	65.34 3.25 0.00	53.03 2.34 0.00	48.29 1.94 0.00
HUDSON AVE_GT_5 23657	64.32 2.94 0.00	60.27 2.64 0.00	44.88 1.96 0.00	45.88 2.06 0.00	44.43 2.11 0.00	45.39 2.19 0.00	45.28 2.29 0.00	44.87 2.56 0.00	42.96 2.67 0.00	46.13 2.79 0.00	54.63 3.39 0.00	55.72 3.55 0.00	58.12 3.82 0.00	46.75 3.13 0.00	61.66 3.53 0.00	71.11 4.00 0.00	76.88 4.23 0.00	72.96 3.70 0.00	62.05 3.46 0.00	60.42 3.14 0.00	79.85 3.88 0.00	65.34 3.25 0.00	53.03 2.34 0.00	48.29 1.94 0.00
HUDSON_AVE_10 24168	64.03 2.65 0.00	59.99 2.37 0.00	44.68 1.76 0.00	45.73 1.90 0.00	44.31 1.98 0.00	45.25 2.04 0.00	45.11 2.12 0.00	44.73 2.42 0.00	42.84 2.54 0.00	45.94 2.60 0.00	54.43 3.18 0.00	55.51 3.34 0.00	57.92 3.61 0.00	46.59 2.98 0.00	61.44 3.31 0.00	70.81 3.70 0.00	76.53 3.87 0.00	72.64 3.37 0.00	61.79 3.19 0.00	60.18 2.90 0.00	79.49 3.51 0.00	65.05 2.96 0.00	52.79 2.10 0.00	48.09 1.74 0.00
HUDSON___115KV_TB 4 355613	64.12 2.73 0.00	60.14 2.52 0.00	44.94 2.02 0.00	45.85 2.03 0.00	44.32 1.99 0.00	45.30 2.10 0.00	45.16 2.18 0.00	44.59 2.28 0.00	42.64 2.35 0.00	45.93 2.58 0.00	54.27 3.03 0.00	55.19 3.02 0.00	57.46 3.15 0.00	46.19 2.57 0.00	61.19 3.06 0.00	70.62 3.51 0.00	76.51 3.85 0.00	72.78 3.52 0.00	61.70 3.10 0.00	60.13 2.85 0.00	79.38 3.40 0.00	64.85 2.76 0.00	52.84 2.15 0.00	48.33 1.98 0.00
HUNTER MOUNT___DRP 323613	64.49 3.10 0.00	60.48 2.85 0.00	45.19 2.27 0.00	46.11 2.28 0.00	44.56 2.23 0.00	45.54 2.33 0.00	45.40 2.42 0.00	44.83 2.52 0.00	42.89 2.60 0.00	46.22 2.89 0.00	54.62 3.38 0.00	55.55 3.38 0.00	57.83 3.52 0.00	46.50 2.89 0.00	61.61 3.48 0.00	71.12 4.01 0.00	77.08 4.42 0.00	73.33 4.07 0.00	62.12 3.52 0.00	60.52 3.24 0.00	79.88 3.90 0.00	65.22 3.13 0.00	53.14 2.46 0.00	48.60 2.26 0.00
HUNTINGTON_RES_REC 323705	65.10 3.71 0.00	60.97 3.34 0.00	45.42 2.50 0.00	46.18 2.35 0.00	44.63 2.30 0.00	45.58 2.37 0.00	45.40 2.42 0.00	44.90 2.59 0.00	43.06 2.76 0.00	46.44 3.10 0.00	55.52 4.28 0.00	56.69 4.51 0.00	58.87 4.56 0.00	46.93 3.32 0.00	60.49 3.37 1.01	69.72 4.11 1.50	75.72 4.80 1.74	73.42 4.16 0.00	62.31 3.71 0.00	60.50 3.22 0.00	80.06 4.09 0.00	65.45 3.37 0.00	53.05 2.37 0.00	48.44 2.09 0.00
HUNTLEY___63 23557	58.24 -3.15 0.00	54.83 -2.80 0.00	40.75 -2.18 0.00	41.65 -2.18 0.00	40.18 -2.15 0.00	40.86 -2.35 0.00	40.79 -2.19 0.00	39.82 -2.49 0.00	37.59 -2.70 0.00	40.83 -2.51 0.00	47.74 -3.46 0.04	43.78 -3.25 5.14	46.48 -3.55 4.28	39.81 -3.29 0.52	53.48 -4.64 0.00	54.51 -5.59 7.01	50.02 -6.09 16.54	51.07 -5.09 13.10	42.47 -4.72 11.41	53.11 -4.01 0.15	71.46 -4.52 0.00	58.61 -3.48 0.00	48.74 -1.95 0.00	44.83 -1.51 0.00
HUNTLEY___64 23558	58.24 -3.15 0.00	54.83 -2.80 0.00	40.75 -2.18 0.00	41.65 -2.18 0.00	40.18 -2.15 0.00	40.86 -2.35 0.00	40.79 -2.19 0.00	39.82 -2.49 0.00	37.59 -2.70 0.00	40.83 -2.51 0.00	47.74 -3.46 0.04	43.78 -3.25 5.14	46.48 -3.55 4.28	39.81 -3.29 0.52	53.48 -4.64 0.00	54.51 -5.59 7.01	50.02 -6.09 16.54	51.07 -5.09 13.10	42.47 -4.72 11.41	53.11 -4.01 0.15	71.46 -4.52 0.00	58.61 -3.48 0.00	48.74 -1.95 0.00	44.83 -1.51 0.00
HUNTLEY___65 23559	58.24 -3.15 0.00	54.83 -2.80 0.00	40.75 -2.18 0.00	41.65 -2.18 0.00	40.18 -2.15 0.00	40.86 -2.35 0.00	40.79 -2.19 0.00	39.82 -2.49 0.00	37.59 -2.70 0.00	40.83 -2.51 0.00	47.74 -3.46 0.04	43.78 -3.25 5.14	46.48 -3.55 4.28	39.81 -3.29 0.52	53.48 -4.64 0.00	54.51 -5.59 7.01	50.02 -6.09 16.54	51.07 -5.09 13.10	42.47 -4.72 11.41	53.11 -4.01 0.15	71.46 -4.52 0.00	58.61 -3.48 0.00	48.74 -1.95 0.00	44.83 -1.51 0.00
HUNTLEY___66 23560	58.24 -3.15 0.00	54.83 -2.80 0.00	40.75 -2.18 0.00	41.65 -2.18 0.00	40.18 -2.15 0.00	40.86 -2.35 0.00	40.79 -2.19 0.00	39.82 -2.49 0.00	37.59 -2.70 0.00	40.83 -2.51 0.00	47.74 -3.46 0.04	43.78 -3.25 5.14	46.48 -3.55 4.28	39.81 -3.29 0.52	53.48 -4.64 0.00	54.51 -5.59 7.01	50.02 -6.09 16.54	51.07 -5.09 13.10	42.47 -4.72 11.41	53.11 -4.01 0.15	71.46 -4.52 0.00	58.61 -3.48 0.00	48.74 -1.95 0.00	44.83 -1.51 0.00
HUNTLEY___67 23561	58.03 -3.35 0.00	54.62 -3.01 0.00	40.57 -2.35 0.00	41.42 -2.40 0.00	39.93 -2.40 0.00	40.62 -2.59 0.00	40.52 -2.46 0.00	39.58 -2.74 0.00	37.40 -2.90 0.00	40.60 -2.74 0.00	47.47 -3.72 0.05	42.46 -3.59 6.12	45.33 -3.89 5.09	39.48 -3.52 0.62	53.13 -5.00 0.00	52.75 -6.01 8.35	46.42 -6.55 19.69	48.11 -5.55 15.60	39.91 -5.10 13.58	52.84 -4.25 0.18	71.18 -4.80 0.00	58.36 -3.73 0.00	48.46 -2.23 0.00	44.52 -1.83 0.00
HUNTLEY___68 23562	58.03 -3.35 0.00	54.62 -3.01 0.00	40.57 -2.35 0.00	41.42 -2.40 0.00	39.93 -2.40 0.00	40.62 -2.59 0.00	40.52 -2.46 0.00	39.58 -2.74 0.00	37.40 -2.90 0.00	40.60 -2.74 0.00	47.47 -3.72 0.05	42.46 -3.59 6.12	45.33 -3.89 5.09	39.48 -3.52 0.62	53.13 -5.00 0.00	52.75 -6.01 8.35	46.42 -6.55 19.69	48.11 -5.55 15.60	39.91 -5.10 13.58	52.84 -4.25 0.18	71.18 -4.80 0.00	58.36 -3.73 0.00	48.46 -2.23 0.00	44.52 -1.83 0.00

HYLAND___LFGE 323620	61.86 0.47 0.00	58.34 0.71 0.00	43.08 0.16 0.00	43.89 0.06 0.00	42.32 -0.01 0.00	43.07 -0.14 0.00	43.03 0.05 0.00	42.30 -0.01 0.00	40.24 -0.06 0.00	43.49 0.15 0.00	51.09 -0.35 -0.20	74.53 -0.74 -23.10	72.42 -1.10 -19.21	44.53 -1.41 -2.33	56.92 -1.21 0.00	97.39 -1.21 -31.48	146.25 -0.67 -74.26	128.08 0.00 -58.82	109.63 -0.19 -51.22	58.32 0.34 -0.70	76.89 0.91 0.00	62.73 0.64 0.00	51.45 0.76 0.00	46.89 0.55 0.00
INDECK___CORINTH 23802	66.02 4.64 0.00	61.65 4.02 0.00	45.92 3.00 0.00	46.91 3.09 0.00	45.19 2.86 0.00	46.30 3.09 0.00	46.25 3.27 0.00	45.80 3.49 0.00	43.79 3.50 0.00	47.23 3.89 0.00	55.87 4.63 0.00	56.97 4.80 0.00	59.35 5.04 0.00	47.62 4.00 0.00	63.08 4.95 0.00	72.89 5.78 0.00	78.93 6.27 0.00	74.87 5.61 0.00	63.36 4.76 0.00	61.77 4.49 0.00	81.50 5.53 0.00	66.67 4.59 0.00	54.28 3.59 0.00	49.61 3.27 0.00
INDECK___ILION 23567	62.98 1.59 0.00	58.98 1.35 0.00	43.91 0.99 0.00	44.83 1.00 0.00	43.33 1.01 0.00	44.23 1.02 0.00	44.09 1.12 0.00	43.48 1.17 0.00	41.55 1.25 0.00	44.67 1.33 0.00	52.79 1.55 0.00	53.93 1.76 0.00	56.29 1.98 0.00	45.22 1.60 0.00	60.07 1.94 0.00	69.35 2.24 0.00	75.13 2.47 0.00	71.42 2.16 0.00	60.50 1.90 0.00	59.02 1.74 0.00	78.16 2.19 0.00	63.80 1.72 0.00	51.88 1.20 0.00	47.40 1.05 0.00
INDECK___OLEAN 23982	58.77 -2.62 0.00	55.21 -2.42 0.00	40.96 -1.97 0.00	41.70 -2.13 0.00	40.17 -2.16 0.00	40.69 -2.52 0.00	40.40 -2.58 0.00	39.67 -2.64 0.00	37.77 -2.53 0.00	40.91 -2.43 0.00	48.27 -2.97 0.01	48.50 -2.81 0.86	50.63 -2.96 0.72	40.74 -2.79 0.09	53.54 -4.59 0.00	60.61 -5.32 1.18	64.30 -5.59 2.78	62.19 -4.88 2.20	52.25 -4.43 1.92	53.62 -3.63 0.03	71.89 -4.09 0.00	59.03 -3.06 0.00	48.73 -1.95 0.00	44.70 -1.65 0.00
INDECK___OSWEGO 23783	59.54 -1.85 0.00	56.02 -1.61 0.00	41.67 -1.25 0.00	42.46 -1.36 0.00	41.03 -1.30 0.00	41.87 -1.34 0.00	41.63 -1.35 0.00	40.87 -1.44 0.00	38.84 -1.46 0.00	41.77 -1.57 0.00	49.35 -1.89 0.00	50.31 -1.86 0.00	52.40 -1.91 0.00	42.04 -1.57 0.00	55.83 -2.30 0.00	64.43 -2.68 0.00	69.86 -2.80 0.00	66.69 -2.57 0.00	56.36 -2.24 0.00	55.16 -2.12 0.00	73.18 -2.80 0.00	59.72 -2.36 0.00	48.75 -1.94 0.00	44.57 -1.78 0.00
INDECK___YERKES 23781	58.27 -3.11 0.00	54.87 -2.76 0.00	40.77 -2.15 0.00	41.67 -2.15 0.00	40.20 -2.12 0.00	40.89 -2.32 0.00	40.82 -2.16 0.00	39.82 -2.49 0.00	37.61 -2.68 0.00	40.86 -2.48 0.00	47.78 -3.42 0.04	43.86 -3.16 5.14	46.53 -3.50 4.28	39.87 -3.23 0.52	53.53 -4.60 0.00	54.57 -5.53 7.01	50.12 -6.00 16.54	51.15 -5.01 13.10	42.59 -4.60 11.41	53.15 -3.97 0.15	71.50 -4.48 0.00	58.64 -3.44 0.00	48.77 -1.92 0.00	44.90 -1.45 0.00
INDIAN POINT_GT_1 24139	63.58 2.20 0.00	59.63 2.00 0.00	44.44 1.52 0.00	45.36 1.54 0.00	43.88 1.56 0.00	44.86 1.65 0.00	44.76 1.78 0.00	44.31 1.99 0.00	42.39 2.10 0.00	45.61 2.27 0.00	53.97 2.72 0.00	55.00 2.83 0.00	57.35 3.04 0.00	46.12 2.50 0.00	60.89 2.77 0.00	70.22 3.11 0.00	75.98 3.33 0.00	72.13 2.86 0.00	61.27 2.67 0.00	59.67 2.39 0.00	78.94 2.96 0.00	64.57 2.48 0.00	52.45 1.77 0.00	47.80 1.46 0.00
INDIAN POINT_GT_2 23659	63.58 2.20 0.00	59.63 2.00 0.00	44.44 1.52 0.00	45.36 1.54 0.00	43.88 1.56 0.00	44.86 1.65 0.00	44.76 1.78 0.00	44.31 1.99 0.00	42.39 2.10 0.00	45.61 2.27 0.00	53.97 2.72 0.00	55.00 2.83 0.00	57.35 3.04 0.00	46.12 2.50 0.00	60.89 2.77 0.00	70.22 3.11 0.00	75.98 3.33 0.00	72.13 2.86 0.00	61.27 2.67 0.00	59.67 2.39 0.00	78.94 2.96 0.00	64.57 2.48 0.00	52.45 1.77 0.00	47.80 1.46 0.00
INDIAN POINT_GT_3 24019	63.58 2.20 0.00	59.63 2.00 0.00	44.44 1.52 0.00	45.36 1.54 0.00	43.88 1.56 0.00	44.86 1.65 0.00	44.76 1.78 0.00	44.31 1.99 0.00	42.39 2.10 0.00	45.61 2.27 0.00	53.97 2.72 0.00	55.00 2.83 0.00	57.35 3.04 0.00	46.12 2.50 0.00	60.89 2.77 0.00	70.22 3.11 0.00	75.98 3.33 0.00	72.13 2.86 0.00	61.27 2.67 0.00	59.67 2.39 0.00	78.94 2.96 0.00	64.57 2.48 0.00	52.45 1.77 0.00	47.80 1.46 0.00
INDIAN POINT___2 23530	63.41 2.03 0.00	59.49 1.86 0.00	44.33 1.41 0.00	45.24 1.41 0.00	43.76 1.44 0.00	44.74 1.53 0.00	44.64 1.66 0.00	44.19 1.88 0.00	42.27 1.97 0.00	45.48 2.14 0.00	53.81 2.57 0.00	54.84 2.67 0.00	57.17 2.86 0.00	45.98 2.36 0.00	60.74 2.62 0.00	70.04 2.93 0.00	75.79 3.13 0.00	71.95 2.68 0.00	61.10 2.50 0.00	59.50 2.22 0.00	78.75 2.77 0.00	64.39 2.31 0.00	52.32 1.63 0.00	47.68 1.33 0.00
INDIAN POINT___3 23531	63.66 2.27 0.00	59.65 2.03 0.00	44.46 1.54 0.00	45.39 1.56 0.00	43.92 1.59 0.00	44.89 1.68 0.00	44.78 1.80 0.00	44.33 2.02 0.00	42.42 2.12 0.00	45.61 2.28 0.00	53.97 2.73 0.00	55.01 2.84 0.00	57.36 3.05 0.00	46.12 2.51 0.00	60.90 2.77 0.00	70.23 3.12 0.00	75.98 3.33 0.00	72.13 2.87 0.00	61.28 2.68 0.00	59.68 2.40 0.00	78.94 2.96 0.00	64.57 2.49 0.00	52.45 1.77 0.00	47.81 1.47 0.00
INGHAM_C_115KV_TB7 356103	64.82 3.44 0.00	60.58 2.95 0.00	45.10 2.18 0.00	46.05 2.22 0.00	44.56 2.23 0.00	45.49 2.28 0.00	45.45 2.47 0.00	44.91 2.60 0.00	43.02 2.73 0.00	46.24 2.90 0.00	54.59 3.35 0.00	55.93 3.76 0.00	58.51 4.20 0.00	47.01 3.40 0.00	62.35 4.22 0.00	71.99 4.88 0.00	78.09 5.43 0.00	74.10 4.83 0.00	62.81 4.21 0.00	61.22 3.94 0.00	80.93 4.95 0.00	65.94 3.85 0.00	53.46 2.78 0.00	48.79 2.44 0.00
IP CORINTH___1 23988	66.02 4.64 0.00	61.65 4.02 0.00	45.93 3.01 0.00	46.92 3.09 0.00	45.19 2.86 0.00	46.30 3.09 0.00	46.25 3.27 0.00	45.80 3.49 0.00	43.79 3.50 0.00	47.23 3.89 0.00	55.87 4.63 0.00	56.97 4.80 0.00	59.35 5.04 0.00	47.62 4.00 0.00	63.09 4.96 0.00	72.90 5.78 0.00	78.93 6.27 0.00	74.87 5.60 0.00	63.37 4.77 0.00	61.77 4.49 0.00	81.50 5.52 0.00	66.68 4.59 0.00	54.28 3.59 0.00	49.61 3.27 0.00
IP___TICONDEROGA 23804	69.31 7.92 0.00	64.57 6.94 0.00	48.20 5.28 0.00	49.29 5.46 0.00	47.34 5.01 0.00	48.08 4.87 0.00	48.05 5.07 0.00	47.75 5.44 0.00	45.82 5.52 0.00	49.39 6.05 0.00	58.49 7.24 0.00	59.57 7.40 0.00	62.10 7.79 0.00	49.74 6.12 0.00	65.91 7.78 0.00	76.39 9.28 0.00	82.87 10.22 0.00	78.59 9.33 0.00	66.45 7.85 0.00	64.87 7.59 0.00	85.35 9.38 0.00	69.52 7.44 0.00	56.73 6.05 0.00	51.68 5.33 0.00
ISLIP_RES_REC 323679	65.80 4.42 0.00	61.60 3.97 0.00	45.87 2.95 0.00	46.61 2.78 0.00	45.06 2.73 0.00	45.99 2.78 0.00	45.77 2.79 0.00	45.22 2.91 0.00	43.38 3.08 0.00	46.80 3.46 0.00	55.97 4.72 0.00	57.17 5.00 0.00	59.47 5.16 0.00	47.43 3.81 0.00	65.68 3.95 -3.61	77.37 4.89 -5.36	84.58 5.68 -6.24	74.22 4.96 0.00	62.94 4.34 0.00	61.10 3.82 0.00	80.96 4.97 -0.01	66.15 4.05 -0.01	53.52 2.84 0.00	48.83 2.49 0.00

JAMAICA__27_KV_LOAD 355505	64.18 2.79 0.00	60.09 2.46 0.00	44.78 1.86 0.00	46.04 2.21 0.00	44.76 2.43 0.00	45.59 2.38 0.00	45.32 2.34 0.00	45.06 2.75 0.00	43.21 2.91 0.00	46.12 2.78 0.00	54.71 3.47 0.00	55.81 3.64 0.00	58.26 3.95 0.00	46.91 3.30 0.00	61.80 3.68 0.00	71.04 3.93 0.00	76.67 4.01 0.00	72.70 3.44 0.00	61.91 3.31 0.00	60.42 3.14 0.00	79.67 3.69 0.00	65.18 3.09 0.00	52.95 2.27 0.00	48.28 1.93 0.00
JANIS__SOLAR 323808	62.38 1.00 0.00	58.39 0.77 0.00	43.41 0.48 0.00	44.37 0.55 0.00	42.77 0.45 0.00	43.58 0.37 0.00	43.24 0.26 0.00	42.57 0.26 0.00	40.61 0.32 0.00	43.74 0.40 0.00	51.62 0.36 -0.02	54.96 0.65 -2.15	56.79 0.69 -1.79	44.24 0.41 -0.21	58.28 0.15 0.00	70.61 0.57 -2.93	80.81 1.25 -6.90	76.41 1.68 -5.47	64.65 1.28 -4.76	59.13 1.78 -0.07	77.84 1.86 0.00	63.10 1.01 0.00	51.27 0.59 0.00	46.86 0.52 0.00
JARVIS____ 23743	61.61 0.23 0.00	57.80 0.17 0.00	43.05 0.13 0.00	43.96 0.13 0.00	42.45 0.13 0.00	43.34 0.13 0.00	43.15 0.17 0.00	42.48 0.17 0.00	40.50 0.20 0.00	43.55 0.21 0.00	51.48 0.24 0.00	52.43 0.26 0.00	54.64 0.33 0.00	43.87 0.25 0.00	58.30 0.17 0.00	67.31 0.20 0.00	72.82 0.16 0.00	69.40 0.14 0.00	58.72 0.12 0.00	57.39 0.11 0.00	76.06 0.08 0.00	62.20 0.12 0.00	50.74 0.05 0.00	46.39 0.05 0.00
JENNISON____1 23625	61.25 -0.13 0.00	57.34 -0.29 0.00	42.64 -0.28 0.00	43.52 -0.31 0.00	41.96 -0.37 0.00	42.77 -0.44 0.00	42.52 -0.47 0.00	41.83 -0.48 0.00	40.07 -0.23 0.00	43.14 -0.20 0.00	51.02 -0.24 -0.01	53.70 0.26 -1.27	55.81 0.44 -1.05	43.89 0.14 -0.13	57.91 -0.22 0.00	68.98 0.14 -1.73	77.48 0.74 -4.08	73.54 1.04 -3.23	62.15 0.74 -2.81	58.39 1.07 -0.04	77.02 1.04 0.00	62.18 0.09 0.00	50.42 -0.27 0.00	46.30 -0.04 0.00
JENNISON____2 23626	61.25 -0.13 0.00	57.34 -0.29 0.00	42.64 -0.28 0.00	43.52 -0.31 0.00	41.96 -0.37 0.00	42.77 -0.44 0.00	42.52 -0.47 0.00	41.83 -0.48 0.00	40.07 -0.23 0.00	43.14 -0.20 0.00	51.02 -0.24 -0.01	53.70 0.26 -1.27	55.81 0.44 -1.05	43.89 0.14 -0.13	57.91 -0.22 0.00	68.98 0.14 -1.73	77.48 0.74 -4.08	73.54 1.04 -3.23	62.15 0.74 -2.81	58.39 1.07 -0.04	77.02 1.04 0.00	62.18 0.09 0.00	50.42 -0.27 0.00	46.30 -0.04 0.00
JERICOHO_RISE_WT_PWR 323719	62.46 1.07 0.00	58.49 0.86 0.00	43.53 0.61 0.00	44.55 0.72 0.00	42.98 0.65 0.00	43.75 0.54 0.00	43.15 0.17 0.00	42.25 -0.06 0.00	40.15 -0.14 0.00	43.14 -0.20 0.00	51.29 0.04 0.00	51.79 -0.38 0.00	53.76 -0.55 0.00	43.23 -0.39 0.00	58.13 0.00 0.00	67.14 0.03 0.00	72.55 -0.11 0.00	69.18 -0.08 0.00	58.21 -0.37 0.00	56.91 -0.37 0.00	75.82 -0.16 0.00	62.01 -0.08 0.00	50.81 0.12 0.00	46.27 -0.07 0.00
KATONAH__115KV_46KV_TB4 355592	64.20 2.82 0.00	60.15 2.52 0.00	44.82 1.90 0.00	45.78 1.95 0.00	44.29 1.96 0.00	45.27 2.07 0.00	45.16 2.18 0.00	44.72 2.41 0.00	42.79 2.49 0.00	46.03 2.69 0.00	54.48 3.23 0.00	55.54 3.37 0.00	57.91 3.60 0.00	46.55 2.93 0.00	61.47 3.34 0.00	70.89 3.78 0.00	76.71 4.06 0.00	72.86 3.60 0.00	61.88 3.28 0.00	60.27 2.98 0.00	79.68 3.70 0.00	65.15 3.06 0.00	52.89 2.21 0.00	48.20 1.86 0.00
KCE_NY_1 323755	64.91 3.53 0.00	60.75 3.12 0.00	45.28 2.36 0.00	46.29 2.46 0.00	44.64 2.32 0.00	45.71 2.51 0.00	45.56 2.58 0.00	45.06 2.75 0.00	43.05 2.75 0.00	46.44 3.09 0.00	54.81 3.57 0.00	55.85 3.68 0.00	58.17 3.86 0.00	46.69 3.07 0.00	61.99 3.86 0.00	71.51 4.40 0.00	77.36 4.70 0.00	73.52 4.26 0.00	62.26 3.66 0.00	60.74 3.46 0.00	80.29 4.31 0.00	65.62 3.54 0.00	53.46 2.77 0.00	48.90 2.55 0.00
KCE_NY_6_ESR 323823	58.68 -2.70 0.00	55.25 -2.38 0.00	40.97 -1.95 0.00	41.79 -2.04 0.00	40.26 -2.07 0.00	40.94 -2.27 0.00	40.80 -2.18 0.00	39.82 -2.49 0.00	37.71 -2.58 0.00	40.92 -2.42 0.00	47.89 -3.30 0.05	42.98 -3.15 6.05	45.88 -3.40 5.03	39.96 -3.05 0.61	53.68 -4.44 0.00	53.45 -5.41 8.25	47.40 -5.80 19.45	49.00 -4.85 15.41	40.71 -4.47 13.42	53.35 -3.75 0.18	71.91 -4.07 0.00	58.93 -3.16 0.00	48.83 -1.85 0.00	44.82 -1.52 0.00
KEDC_PORT_JEFF_GT2 24210	65.40 4.01 0.00	61.23 3.60 0.00	45.61 2.69 0.00	46.34 2.52 0.00	44.79 2.47 0.00	45.70 2.49 0.00	45.46 2.48 0.00	44.91 2.60 0.00	43.08 2.79 0.00	46.48 3.14 0.00	55.63 4.38 0.00	56.81 4.64 0.00	59.06 4.75 0.00	47.07 3.45 0.00	65.12 3.46 -3.54	76.68 4.31 -5.26	83.82 5.05 -6.12	73.57 4.31 0.00	62.40 3.80 0.00	60.58 3.30 0.00	80.22 4.23 -0.01	65.64 3.55 -0.01	53.15 2.46 0.00	48.48 2.14 0.00
KEDC_PORT_JEFF_GT3 24211	65.40 4.01 0.00	61.23 3.60 0.00	45.61 2.69 0.00	46.34 2.52 0.00	44.79 2.47 0.00	45.70 2.49 0.00	45.46 2.48 0.00	44.91 2.60 0.00	43.08 2.79 0.00	46.48 3.14 0.00	55.63 4.38 0.00	56.81 4.64 0.00	59.06 4.75 0.00	47.07 3.45 0.00	65.12 3.46 -3.54	76.68 4.31 -5.26	83.82 5.05 -6.12	73.57 4.31 0.00	62.40 3.80 0.00	60.58 3.30 0.00	80.22 4.23 -0.01	65.64 3.55 -0.01	53.15 2.46 0.00	48.48 2.14 0.00
KEDC_GLWD_GT4 24219	64.71 3.32 0.00	60.62 2.99 0.00	45.15 2.23 0.00	46.04 2.21 0.00	44.55 2.23 0.00	45.54 2.33 0.00	45.41 2.43 0.00	44.97 2.66 0.00	43.07 2.78 0.00	46.34 3.00 0.00	54.81 3.56 0.00	55.74 3.57 0.00	58.02 3.71 0.00	46.54 2.92 0.00	61.32 3.19 0.00	70.81 3.70 0.00	76.75 4.08 -0.01	72.85 3.58 0.00	61.84 3.24 0.00	60.23 2.95 0.00	80.13 4.15 0.00	65.54 3.45 0.00	53.18 2.49 0.00	48.47 2.13 0.00
KEDC_GLWD_GT5 24220	64.71 3.32 0.00	60.62 2.99 0.00	45.15 2.23 0.00	46.04 2.21 0.00	44.55 2.23 0.00	45.54 2.33 0.00	45.41 2.43 0.00	44.97 2.66 0.00	43.07 2.78 0.00	46.34 3.00 0.00	54.81 3.56 0.00	55.74 3.57 0.00	58.02 3.71 0.00	46.54 2.92 0.00	61.32 3.19 0.00	70.81 3.70 0.00	76.75 4.08 -0.01	72.85 3.58 0.00	61.84 3.24 0.00	60.23 2.95 0.00	80.13 4.15 0.00	65.54 3.45 0.00	53.18 2.49 0.00	48.47 2.13 0.00
KENSICO____ 23655	63.91 2.53 0.00	59.86 2.23 0.00	44.60 1.68 0.00	45.54 1.72 0.00	44.07 1.74 0.00	45.05 1.84 0.00	44.93 1.95 0.00	44.49 2.18 0.00	42.58 2.28 0.00	45.78 2.44 0.00	54.18 2.93 0.00	55.23 3.06 0.00	57.59 3.28 0.00	46.30 2.68 0.00	61.12 3.00 0.00	70.48 3.37 0.00	76.24 3.58 0.00	72.39 3.12 0.00	61.50 2.90 0.00	59.90 2.62 0.00	79.22 3.24 0.00	64.79 2.71 0.00	52.63 1.94 0.00	47.97 1.62 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	64.20 2.81 0.00	60.16 2.53 0.00	44.81 1.89 0.00	45.73 1.91 0.00	44.24 1.92 0.00	45.24 2.03 0.00	45.16 2.18 0.00	44.70 2.39 0.00	42.79 2.49 0.00	46.09 2.75 0.00	54.53 3.29 0.00	55.64 3.46 0.00	58.00 3.68 0.00	46.64 3.02 0.00	61.61 3.48 0.00	71.06 3.95 0.00	76.95 4.29 0.00	73.17 3.91 0.00	62.05 3.46 0.00	60.43 3.15 0.00	79.92 3.94 0.00	65.26 3.17 0.00	53.00 2.31 0.00	48.25 1.91 0.00

KIAC_JFK_GT1 23816	63.81 2.43 0.00	59.74 2.11 0.00	44.53 1.61 0.00	45.79 1.96 0.00	44.52 2.19 0.00	45.34 2.14 0.00	45.07 2.09 0.00	44.81 2.50 0.00	42.97 2.67 0.00	45.87 2.53 0.00	54.40 3.15 0.00	55.50 3.33 0.00	57.92 3.61 0.00	46.65 3.03 0.00	61.45 3.32 0.00	70.60 3.49 0.00	76.17 3.51 0.00	72.22 2.96 0.00	61.50 2.90 0.00	60.02 2.74 0.00	79.13 3.16 0.00	64.76 2.68 0.00	52.63 1.94 0.00	47.99 1.64 0.00
KIAC_JFK_GT2 23817	63.81 2.43 0.00	59.74 2.11 0.00	44.53 1.61 0.00	45.79 1.96 0.00	44.52 2.19 0.00	45.34 2.14 0.00	45.07 2.09 0.00	44.81 2.50 0.00	42.97 2.67 0.00	45.87 2.53 0.00	54.40 3.15 0.00	55.50 3.33 0.00	57.92 3.61 0.00	46.65 3.03 0.00	61.45 3.32 0.00	70.60 3.49 0.00	76.17 3.51 0.00	72.22 2.96 0.00	61.50 2.90 0.00	60.02 2.74 0.00	79.13 3.16 0.00	64.76 2.68 0.00	52.63 1.94 0.00	47.99 1.64 0.00
KIAC_JFK____ 323774	63.81 2.43 0.00	59.74 2.11 0.00	44.53 1.61 0.00	45.78 1.95 0.00	44.52 2.19 0.00	45.34 2.13 0.00	45.07 2.09 0.00	44.82 2.51 0.00	42.97 2.67 0.00	45.87 2.52 0.00	54.40 3.16 0.00	55.49 3.33 0.00	57.92 3.61 0.00	46.64 3.02 0.00	61.44 3.31 0.00	70.59 3.48 0.00	76.16 3.51 0.00	72.22 2.96 0.00	61.50 2.90 0.00	60.02 2.74 0.00	79.13 3.16 0.00	64.76 2.68 0.00	52.63 1.94 0.00	47.98 1.64 0.00
KINTIGH__24_KV_GSU 356498	58.30 -3.08 0.00	54.87 -2.76 0.00	40.80 -2.12 0.00	41.71 -2.12 0.00	40.25 -2.08 0.00	40.97 -2.24 0.00	40.85 -2.13 0.00	39.93 -2.39 0.00	37.79 -2.50 0.00	40.96 -2.39 0.00	48.03 -3.19 0.03	45.79 -3.10 3.28	48.20 -3.38 2.73	40.24 -3.05 0.33	53.79 -4.34 0.00	57.38 -5.26 4.47	56.50 -5.61 10.54	56.16 -4.75 8.35	46.98 -4.34 7.27	53.50 -3.68 0.10	71.78 -4.20 0.00	58.82 -3.27 0.00	48.68 -2.01 0.00	44.72 -1.63 0.00
KINTIGH____ 23543	58.28 -3.10 0.00	54.82 -2.81 0.00	40.77 -2.15 0.00	41.67 -2.16 0.00	40.22 -2.11 0.00	40.94 -2.27 0.00	40.82 -2.16 0.00	39.92 -2.39 0.00	37.77 -2.53 0.00	40.92 -2.42 0.00	47.99 -3.22 0.03	45.73 -3.16 3.28	48.16 -3.43 2.73	40.18 -3.11 0.33	53.73 -4.40 0.00	57.33 -5.31 4.47	56.41 -5.71 10.54	56.05 -4.86 8.35	46.87 -4.45 7.27	53.46 -3.72 0.10	71.73 -4.25 0.00	58.77 -3.32 0.00	48.63 -2.05 0.00	44.66 -1.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	63.69 2.30 0.00	59.63 2.00 0.00	44.40 1.48 0.00	45.40 1.57 0.00	43.79 1.46 0.00	44.59 1.38 0.00	44.00 1.02 0.00	43.14 0.82 0.00	40.98 0.68 0.00	43.99 0.65 0.00	52.34 1.10 0.00	52.96 0.79 0.00	54.93 0.62 0.00	44.13 0.51 0.00	59.22 1.10 0.00	68.41 1.30 0.00	73.91 1.26 0.00	70.52 1.25 0.00	59.37 0.77 0.00	58.00 0.72 0.00	77.23 1.26 0.00	63.20 1.12 0.00	51.71 1.03 0.00	47.11 0.76 0.00
LACHUTE____HYDRO 323717	69.31 7.92 0.00	64.56 6.93 0.00	48.20 5.28 0.00	49.29 5.46 0.00	47.34 5.01 0.00	48.08 4.87 0.00	48.05 5.07 0.00	47.75 5.44 0.00	45.82 5.53 0.00	49.39 6.05 0.00	58.49 7.24 0.00	59.57 7.40 0.00	62.10 7.79 0.00	49.74 6.12 0.00	65.91 7.78 0.00	76.40 9.28 0.00	82.88 10.22 0.00	78.60 9.34 0.00	66.45 7.85 0.00	64.86 7.58 0.00	85.35 9.37 0.00	69.52 7.43 0.00	56.73 6.05 0.00	51.68 5.33 0.00
LAWRNCALV_115KV_TB1 80681	62.35 0.97 0.00	58.67 1.04 0.00	43.56 0.64 0.00	44.37 0.54 0.00	42.76 0.44 0.00	43.45 0.24 0.00	43.09 0.11 0.00	42.41 0.10 0.00	40.30 0.01 0.00	43.28 -0.06 0.00	51.49 0.25 0.00	52.21 0.04 0.00	54.34 0.03 0.00	43.68 0.06 0.00	58.66 0.53 0.00	67.56 0.45 0.00	72.81 0.16 0.00	69.32 0.06 0.00	58.24 -0.36 0.00	56.98 -0.30 0.00	76.07 0.09 0.00	62.40 0.32 0.00	51.28 0.60 0.00	46.85 0.51 0.00
LEDERLE____ 23769	63.83 2.45 0.00	59.81 2.19 0.00	44.57 1.65 0.00	45.48 1.66 0.00	44.00 1.68 0.00	44.99 1.77 0.00	44.89 1.91 0.00	44.43 2.12 0.00	42.51 2.22 0.00	45.77 2.43 0.00	54.14 2.90 0.00	55.18 3.01 0.00	57.55 3.24 0.00	46.29 2.68 0.00	61.16 3.04 0.00	70.52 3.41 0.00	76.31 3.65 0.00	72.47 3.21 0.00	61.53 2.93 0.00	59.93 2.65 0.00	79.31 3.33 0.00	64.84 2.75 0.00	52.66 1.98 0.00	47.98 1.64 0.00
LIGHTHSE_115KV_TB6 355974	60.36 -1.03 0.00	56.70 -0.93 0.00	42.07 -0.85 0.00	42.54 -1.29 0.00	41.06 -1.26 0.00	41.85 -1.35 0.00	41.55 -1.43 0.00	40.80 -1.51 0.00	38.80 -1.50 0.00	41.80 -1.55 0.00	49.56 -1.68 0.00	50.58 -1.59 0.00	52.78 -1.53 0.00	42.34 -1.28 0.00	56.17 -1.96 0.00	64.74 -2.37 0.00	70.19 -2.46 0.00	67.07 -2.20 0.00	56.61 -1.99 0.00	55.37 -1.91 0.00	73.48 -2.50 0.00	59.97 -2.11 0.00	48.90 -1.79 0.00	44.70 -1.65 0.00
LINDEN COGEN____ 23786	63.97 2.59 0.00	59.93 2.31 0.00	44.65 1.72 0.00	45.64 1.81 0.00	44.18 1.86 0.00	45.16 1.95 0.00	45.04 2.06 0.00	44.65 2.34 0.00	42.75 2.45 0.00	45.89 2.55 0.00	54.33 3.09 0.00	55.41 3.23 0.00	57.80 3.49 0.00	46.51 2.89 0.00	61.35 3.22 0.00	70.75 3.64 0.00	76.49 3.83 0.00	72.58 3.32 0.00	61.70 3.10 0.00	60.07 2.79 0.00	79.42 3.44 0.00	64.99 2.91 0.00	52.74 2.05 0.00	48.03 1.69 0.00
LINDHRST_69_KV_BK1 356055	65.63 4.25 0.00	61.48 3.85 0.00	45.76 2.84 0.00	46.55 2.72 0.00	45.02 2.69 0.00	46.00 2.78 0.00	45.86 2.87 0.00	45.38 3.07 0.00	43.50 3.21 0.00	46.90 3.55 0.00	55.90 4.66 0.00	57.08 4.91 0.00	59.36 5.05 0.00	47.43 3.81 0.00	63.25 4.28 -0.85	73.43 5.06 -1.26	79.87 5.74 -1.47	74.36 5.09 0.00	63.07 4.47 0.00	61.30 4.02 0.00	81.21 5.23 0.00	66.40 4.31 0.00	53.78 3.09 0.00	48.98 2.64 0.00
LIPA_MISC_IPP 23656	65.69 4.30 0.00	61.48 3.85 0.00	45.79 2.87 0.00	46.52 2.69 0.00	44.97 2.64 0.00	45.89 2.68 0.00	45.62 2.64 0.00	45.04 2.73 0.00	43.21 2.91 0.00	46.58 3.24 0.00	55.64 4.40 0.00	56.82 4.65 0.00	59.10 4.79 0.00	47.13 3.51 0.00	65.88 3.35 -4.40	78.01 4.36 -6.54	85.39 5.13 -7.60	73.71 4.45 0.00	62.51 3.91 0.00	60.67 3.39 0.00	80.38 4.39 -0.01	65.71 3.61 -0.01	53.18 2.49 0.00	48.51 2.16 0.00
LISF____SOLAR 323691	65.83 4.44 0.00	61.61 3.98 0.00	45.89 2.96 0.00	46.61 2.78 0.00	45.06 2.73 0.00	45.97 2.76 0.00	45.72 2.74 0.00	45.13 2.82 0.00	43.30 3.01 0.00	46.67 3.33 0.00	55.76 4.52 0.00	56.96 4.79 0.00	59.24 4.93 0.00	47.24 3.63 0.00	65.87 3.50 -4.25	77.96 4.53 -6.32	85.32 5.32 -7.34	73.90 4.64 0.00	62.67 4.07 0.00	60.82 3.54 0.00	80.59 4.60 -0.01	65.89 3.79 -0.01	53.32 2.63 0.00	48.60 2.26 0.00
LITTLE FALLS____HYD 24013	64.82 3.44 0.00	60.58 2.95 0.00	45.10 2.18 0.00	46.05 2.22 0.00	44.56 2.23 0.00	45.49 2.28 0.00	45.45 2.47 0.00	44.91 2.60 0.00	43.02 2.73 0.00	46.24 2.90 0.00	54.59 3.35 0.00	55.93 3.76 0.00	58.51 4.20 0.00	47.01 3.40 0.00	62.35 4.22 0.00	71.99 4.88 0.00	78.09 5.43 0.00	74.10 4.83 0.00	62.81 4.21 0.00	61.22 3.94 0.00	80.93 4.95 0.00	65.94 3.85 0.00	53.46 2.78 0.00	48.79 2.44 0.00

LITTLRIV_115KV_TB1 356100	62.94 1.56 0.00	59.25 1.63 0.00	43.99 1.07 0.00	44.81 0.99 0.00	43.20 0.88 0.00	43.88 0.67 0.00	43.54 0.55 0.00	42.88 0.57 0.00	40.76 0.47 0.00	43.76 0.42 0.00	52.05 0.81 0.00	52.69 0.52 0.00	54.88 0.57 0.00	44.14 0.52 0.00	59.34 1.22 0.00	68.39 1.28 0.00	73.77 1.11 0.00	70.23 0.97 0.00	58.99 0.39 0.00	57.71 0.43 0.00	77.01 1.04 0.00	63.10 1.02 0.00	51.84 1.15 0.00	47.38 1.03 0.00
LI_NEWBRDGE___DRP 323616	64.52 3.13 0.00	60.46 2.83 0.00	45.02 2.10 0.00	45.84 2.01 0.00	44.35 2.03 0.00	45.33 2.12 0.00	45.18 2.19 0.00	44.71 2.40 0.00	42.85 2.56 0.00	46.16 2.82 0.00	54.93 3.68 0.00	56.03 3.86 0.00	58.21 3.90 0.00	46.58 2.97 0.00	61.27 3.14 0.00	70.83 3.71 0.00	76.89 4.23 -0.01	72.92 3.66 0.00	61.88 3.29 0.00	60.17 2.89 0.00	79.65 3.67 0.00	65.14 3.06 0.00	52.84 2.15 0.00	48.20 1.85 0.00
LOCKPORT_115KV_TB60_63_64 80432	57.95 -3.44 0.00	54.61 -3.02 0.00	40.66 -2.26 0.00	41.58 -2.25 0.00	40.10 -2.22 0.00	40.81 -2.40 0.00	40.75 -2.24 0.00	39.76 -2.55 0.00	37.45 -2.85 0.00	40.67 -2.67 0.00	47.49 -3.72 0.04	44.21 -3.42 4.54	46.73 -3.81 3.78	39.65 -3.51 0.46	53.21 -4.92 0.00	54.99 -5.92 6.20	51.43 -6.61 14.61	52.10 -5.58 11.58	43.39 -5.13 10.08	52.96 -4.18 0.14	71.26 -4.72 0.00	58.45 -3.63 0.00	48.54 -2.15 0.00	44.58 -1.77 0.00
LOCKPORT___CC1 323769	57.93 -3.45 0.00	54.57 -3.06 0.00	40.62 -2.30 0.00	41.53 -2.30 0.00	40.05 -2.28 0.00	40.74 -2.46 0.00	40.68 -2.31 0.00	39.67 -2.64 0.00	37.40 -2.89 0.00	40.62 -2.72 0.00	47.44 -3.76 0.04	43.80 -3.48 4.90	46.36 -3.88 4.08	39.60 -3.53 0.49	53.16 -4.97 0.00	54.41 -6.02 6.68	50.26 -6.63 15.76	51.18 -5.60 12.49	42.62 -5.11 10.87	52.89 -4.25 0.15	71.16 -4.81 0.00	58.39 -3.70 0.00	48.50 -2.18 0.00	44.58 -1.77 0.00
LOCKPORT___CC2 323770	57.93 -3.45 0.00	54.57 -3.06 0.00	40.62 -2.30 0.00	41.53 -2.30 0.00	40.05 -2.28 0.00	40.74 -2.46 0.00	40.68 -2.31 0.00	39.67 -2.64 0.00	37.40 -2.89 0.00	40.62 -2.72 0.00	47.44 -3.76 0.04	43.80 -3.48 4.90	46.36 -3.88 4.08	39.60 -3.53 0.49	53.16 -4.97 0.00	54.41 -6.02 6.68	50.26 -6.63 15.76	51.18 -5.60 12.49	42.62 -5.11 10.87	52.89 -4.25 0.15	71.16 -4.81 0.00	58.39 -3.70 0.00	48.50 -2.18 0.00	44.58 -1.77 0.00
LOCKPORT___CC3 323771	57.93 -3.45 0.00	54.57 -3.06 0.00	40.62 -2.30 0.00	41.53 -2.30 0.00	40.05 -2.28 0.00	40.74 -2.46 0.00	40.68 -2.31 0.00	39.67 -2.64 0.00	37.40 -2.89 0.00	40.62 -2.72 0.00	47.44 -3.76 0.04	43.80 -3.48 4.90	46.36 -3.88 4.08	39.60 -3.53 0.49	53.16 -4.97 0.00	54.41 -6.02 6.68	50.26 -6.63 15.76	51.18 -5.60 12.49	42.62 -5.11 10.87	52.89 -4.25 0.15	71.16 -4.81 0.00	58.39 -3.70 0.00	48.50 -2.18 0.00	44.58 -1.77 0.00
LOCUSVLY_69_KV_BK2 55797	64.98 3.60 0.00	60.87 3.24 0.00	45.34 2.42 0.00	46.19 2.36 0.00	44.68 2.35 0.00	45.67 2.46 0.00	45.52 2.54 0.00	45.08 2.77 0.00	43.20 2.90 0.00	46.52 3.18 0.00	55.23 3.98 0.00	56.30 4.12 0.00	58.54 4.23 0.00	46.86 3.25 0.00	60.72 3.55 0.95	69.85 4.16 1.42	75.70 4.68 1.64	73.40 4.14 0.00	62.29 3.69 0.00	60.61 3.33 0.00	80.32 4.35 0.00	65.71 3.62 0.00	53.29 2.61 0.00	48.61 2.26 0.00
LONG_LAKE_PHOENIX 24014	59.53 -1.85 0.00	55.99 -1.63 0.00	41.68 -1.25 0.00	42.52 -1.31 0.00	41.08 -1.25 0.00	41.94 -1.27 0.00	41.72 -1.27 0.00	40.96 -1.35 0.00	38.94 -1.36 0.00	41.89 -1.45 0.00	49.48 -1.77 0.00	50.43 -1.74 0.00	52.50 -1.81 0.00	42.12 -1.49 0.00	55.94 -2.19 0.00	64.57 -2.55 0.00	70.01 -2.65 0.00	66.87 -2.39 0.00	56.52 -2.08 0.00	55.30 -1.98 0.00	73.37 -2.61 0.00	59.87 -2.21 0.00	48.86 -1.82 0.00	44.68 -1.67 0.00
LOVETT___3 23632	63.57 2.19 0.00	59.58 1.95 0.00	44.40 1.48 0.00	45.32 1.49 0.00	43.84 1.52 0.00	44.83 1.62 0.00	44.71 1.73 0.00	44.27 1.96 0.00	42.35 2.06 0.00	45.57 2.23 0.00	53.91 2.67 0.00	54.95 2.77 0.00	57.30 2.99 0.00	46.08 2.46 0.00	60.85 2.72 0.00	70.16 3.05 0.00	75.92 3.27 0.00	72.08 2.81 0.00	61.22 2.62 0.00	59.62 2.33 0.00	78.88 2.90 0.00	64.52 2.43 0.00	52.41 1.72 0.00	47.76 1.41 0.00
LOVETT___4 23642	63.57 2.19 0.00	59.58 1.95 0.00	44.40 1.48 0.00	45.32 1.49 0.00	43.84 1.52 0.00	44.83 1.62 0.00	44.71 1.73 0.00	44.27 1.96 0.00	42.35 2.06 0.00	45.57 2.23 0.00	53.91 2.67 0.00	54.95 2.77 0.00	57.30 2.99 0.00	46.08 2.46 0.00	60.85 2.72 0.00	70.16 3.05 0.00	75.92 3.27 0.00	72.08 2.81 0.00	61.22 2.62 0.00	59.62 2.33 0.00	78.88 2.90 0.00	64.52 2.43 0.00	52.41 1.72 0.00	47.76 1.41 0.00
LOVETT___5 23593	63.57 2.19 0.00	59.58 1.95 0.00	44.40 1.48 0.00	45.32 1.49 0.00	43.84 1.52 0.00	44.83 1.62 0.00	44.71 1.73 0.00	44.27 1.96 0.00	42.35 2.06 0.00	45.57 2.23 0.00	53.91 2.67 0.00	54.95 2.77 0.00	57.30 2.99 0.00	46.08 2.46 0.00	60.85 2.72 0.00	70.16 3.05 0.00	75.92 3.27 0.00	72.08 2.81 0.00	61.22 2.62 0.00	59.62 2.33 0.00	78.88 2.90 0.00	64.52 2.43 0.00	52.41 1.72 0.00	47.76 1.41 0.00
LOWER RAQUET___HYD 24057	62.27 0.88 0.00	58.62 0.99 0.00	43.51 0.59 0.00	44.28 0.45 0.00	42.67 0.35 0.00	43.32 0.11 0.00	42.95 -0.04 0.00	42.26 -0.04 0.00	40.18 -0.12 0.00	43.15 -0.20 0.00	51.37 0.13 0.00	52.06 -0.11 0.00	54.20 -0.11 0.00	43.57 -0.04 0.00	58.52 0.39 0.00	67.36 0.25 0.00	72.53 -0.12 0.00	69.01 -0.25 0.00	57.91 -0.69 0.00	56.66 -0.62 0.00	75.71 -0.27 0.00	62.15 0.07 0.00	51.13 0.44 0.00	46.71 0.36 0.00
LOWER___HUDSON 24059	63.75 2.37 0.00	59.74 2.11 0.00	44.60 1.68 0.00	45.54 1.71 0.00	44.01 1.69 0.00	44.98 1.77 0.00	44.81 1.83 0.00	44.22 1.91 0.00	42.25 1.95 0.00	45.48 2.14 0.00	53.74 2.50 0.00	54.75 2.58 0.00	57.03 2.72 0.00	45.80 2.18 0.00	60.71 2.58 0.00	70.05 2.94 0.00	75.73 3.07 0.00	71.97 2.71 0.00	61.00 2.40 0.00	59.53 2.25 0.00	78.78 2.80 0.00	64.45 2.37 0.00	52.54 1.85 0.00	48.08 1.73 0.00
LOWVILLE_115KV_TB2 356335	61.96 0.58 0.00	58.07 0.44 0.00	42.85 -0.08 0.00	42.59 -1.24 0.00	41.13 -1.20 0.00	41.87 -1.34 0.00	41.49 -1.50 0.00	40.85 -1.46 0.00	38.91 -1.39 0.00	41.91 -1.43 0.00	49.93 -1.31 0.00	50.89 -1.28 0.00	53.42 -0.89 0.00	42.86 -0.76 0.00	56.66 -1.46 0.00	65.16 -1.95 0.00	70.67 -1.99 0.00	67.81 -1.45 0.00	57.07 -1.53 0.00	55.83 -1.46 0.00	74.03 -1.95 0.00	60.37 -1.72 0.00	49.18 -1.51 0.00	44.80 -1.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	64.89 3.51 0.00	60.73 3.11 0.00	45.28 2.36 0.00	46.26 2.44 0.00	44.64 2.32 0.00	45.67 2.47 0.00	45.55 2.57 0.00	45.01 2.70 0.00	43.00 2.71 0.00	46.35 3.01 0.00	54.76 3.51 0.00	55.81 3.65 0.00	58.14 3.83 0.00	46.66 3.04 0.00	61.90 3.78 0.00	71.45 4.34 0.00	77.32 4.66 0.00	73.48 4.21 0.00	62.22 3.62 0.00	60.70 3.42 0.00	80.25 4.27 0.00	65.61 3.52 0.00	53.45 2.76 0.00	48.87 2.52 0.00

LUTHERNY_35_KV_BK2 355980	64.91 3.53 0.00	60.75 3.12 0.00	45.28 2.36 0.00	46.29 2.46 0.00	44.64 2.32 0.00	45.72 2.51 0.00	45.56 2.58 0.00	45.06 2.75 0.00	43.05 2.75 0.00	46.44 3.09 0.00	54.81 3.57 0.00	55.85 3.68 0.00	58.17 3.86 0.00	46.69 3.07 0.00	61.99 3.86 0.00	71.51 4.40 0.00	77.36 4.70 0.00	73.52 4.26 0.00	62.26 3.66 0.00	60.74 3.46 0.00	80.29 4.31 0.00	65.62 3.54 0.00	53.46 2.77 0.00	48.90 2.55 0.00
LWR___OSWEGATCHIE_HYD 23850	61.72 0.34 0.00	57.97 0.34 0.00	42.80 -0.12 0.00	43.08 -0.75 0.00	41.53 -0.80 0.00	42.14 -1.07 0.00	41.73 -1.25 0.00	41.07 -1.24 0.00	39.08 -1.22 0.00	42.08 -1.27 0.00	50.35 -0.89 0.00	51.17 -1.00 0.00	53.49 -0.82 0.00	42.96 -0.66 0.00	57.26 -0.87 0.00	65.59 -1.52 0.00	70.84 -1.82 0.00	67.68 -1.58 0.00	56.86 -1.74 0.00	55.61 -1.67 0.00	74.11 -1.86 0.00	60.90 -1.19 0.00	49.89 -0.80 0.00	45.50 -0.84 0.00
LYONS_FALL_HYD 23570	62.20 0.82 0.00	58.33 0.70 0.00	43.17 0.24 0.00	43.37 -0.46 0.00	41.89 -0.43 0.00	42.70 -0.51 0.00	42.41 -0.57 0.00	41.77 -0.54 0.00	39.81 -0.49 0.00	42.88 -0.46 0.00	50.94 -0.30 0.00	51.92 -0.25 0.00	54.34 0.03 0.00	43.60 -0.02 0.00	57.73 -0.39 0.00	66.49 -0.62 0.00	72.06 -0.60 0.00	69.00 -0.26 0.00	58.19 -0.41 0.00	56.88 -0.40 0.00	75.39 -0.59 0.00	61.49 -0.59 0.00	50.09 -0.60 0.00	45.68 -0.67 0.00
MADISON___COUNTY_LFGE 323628	62.65 1.26 0.00	58.90 1.27 0.00	43.75 0.83 0.00	44.58 0.75 0.00	43.08 0.76 0.00	44.00 0.79 0.00	43.83 0.85 0.00	43.20 0.88 0.00	41.20 0.90 0.00	44.36 1.02 0.00	52.47 1.23 0.00	53.51 1.34 0.00	55.78 1.47 0.00	44.72 1.11 0.00	59.28 1.15 0.00	68.54 1.43 0.00	74.18 1.52 0.00	70.70 1.44 0.00	59.78 1.18 0.00	58.39 1.11 0.00	77.38 1.40 0.00	63.08 0.99 0.00	51.40 0.71 0.00	46.93 0.58 0.00
MALONE___115KV_TB1 356076	63.49 2.10 0.00	59.52 1.89 0.00	44.25 1.32 0.00	45.20 1.38 0.00	43.61 1.28 0.00	44.38 1.17 0.00	43.84 0.86 0.00	43.00 0.69 0.00	40.87 0.58 0.00	43.88 0.53 0.00	52.21 0.96 0.00	52.74 0.57 0.00	54.79 0.48 0.00	44.00 0.39 0.00	59.11 0.98 0.00	68.22 1.11 0.00	73.69 1.03 0.00	70.23 0.97 0.00	59.03 0.42 0.00	57.70 0.42 0.00	76.92 0.94 0.00	62.95 0.86 0.00	51.59 0.90 0.00	46.98 0.63 0.00
MAPLEWOD_115KV_TB3 80458	63.33 1.95 0.00	59.39 1.76 0.00	44.39 1.46 0.00	45.31 1.48 0.00	43.79 1.46 0.00	44.76 1.55 0.00	44.59 1.60 0.00	43.97 1.66 0.00	42.02 1.72 0.00	45.22 1.88 0.00	53.46 2.22 0.00	54.47 2.30 0.00	56.73 2.42 0.00	45.57 1.96 0.00	60.39 2.26 0.00	69.64 2.53 0.00	75.32 2.66 0.00	71.59 2.33 0.00	60.75 2.15 0.00	59.23 1.95 0.00	78.32 2.35 0.00	64.08 1.99 0.00	52.25 1.56 0.00	47.83 1.48 0.00
MAPLE_RIDGE_WT_1 323574	61.15 -0.24 0.00	57.14 -0.49 0.00	42.35 -0.58 0.00	43.27 -0.56 0.00	41.55 -0.78 0.00	42.38 -0.83 0.00	41.90 -1.08 0.00	41.10 -1.21 0.00	39.19 -1.10 0.00	42.13 -1.21 0.00	49.87 -1.38 0.00	50.72 -1.45 0.00	52.83 -1.48 0.00	42.48 -1.14 0.00	56.68 -1.45 0.00	65.44 -1.68 0.00	70.93 -1.72 0.00	67.83 -1.43 0.00	57.23 -1.37 0.00	56.01 -1.27 0.00	74.20 -1.78 0.00	60.59 -1.49 0.00	49.42 -1.27 0.00	45.20 -1.15 0.00
MAPLE_RIDGE_WT_2 323611	61.15 -0.24 0.00	57.14 -0.49 0.00	42.35 -0.58 0.00	43.27 -0.56 0.00	41.55 -0.78 0.00	42.38 -0.83 0.00	41.90 -1.08 0.00	41.10 -1.21 0.00	39.19 -1.10 0.00	42.13 -1.21 0.00	49.87 -1.38 0.00	50.72 -1.45 0.00	52.83 -1.48 0.00	42.48 -1.14 0.00	56.68 -1.45 0.00	65.44 -1.68 0.00	70.93 -1.72 0.00	67.83 -1.43 0.00	57.23 -1.37 0.00	56.01 -1.27 0.00	74.20 -1.78 0.00	60.59 -1.49 0.00	49.42 -1.27 0.00	45.20 -1.15 0.00
MARBLE_RIVER_WT_PWR 323696	62.46 1.08 0.00	58.51 0.88 0.00	43.56 0.64 0.00	44.55 0.72 0.00	42.98 0.65 0.00	43.75 0.54 0.00	43.17 0.19 0.00	42.29 -0.02 0.00	40.18 -0.12 0.00	43.15 -0.19 0.00	51.32 0.07 0.00	51.88 -0.29 0.00	53.83 -0.48 0.00	43.28 -0.34 0.00	58.16 0.03 0.00	67.15 0.04 0.00	72.57 -0.09 0.00	69.18 -0.08 0.00	58.21 -0.39 0.00	56.92 -0.36 0.00	75.82 -0.16 0.00	62.02 -0.07 0.00	50.80 0.12 0.00	46.28 -0.07 0.00
MARSHVLE_115KV_TB1 80742	62.09 0.71 0.00	58.22 0.59 0.00	43.22 0.30 0.00	44.12 0.29 0.00	42.55 0.23 0.00	43.43 0.22 0.00	43.24 0.26 0.00	42.55 0.24 0.00	40.71 0.42 0.00	43.76 0.42 0.00	51.78 0.54 0.00	52.82 0.65 0.00	55.09 0.78 0.00	44.12 0.50 0.00	58.90 0.77 0.00	68.29 1.18 0.00	73.99 1.33 0.00	70.49 1.23 0.00	59.59 0.99 0.00	58.12 0.84 0.00	77.18 1.21 0.00	62.98 0.89 0.00	51.06 0.37 0.00	46.68 0.33 0.00
MARSH_HILL_WT_PWR 323713	57.25 -4.13 0.00	54.50 -3.12 0.00	39.64 -3.29 0.00	40.19 -3.64 0.00	38.61 -3.72 0.00	39.19 -4.02 0.00	39.00 -3.99 0.00	38.39 -3.92 0.00	36.54 -3.75 0.00	39.60 -3.74 0.00	46.69 -4.75 0.00	70.69 -4.80 -23.32	68.62 -5.09 -19.40	41.49 -4.48 -2.35	52.18 -5.95 0.00	92.62 -6.29 -31.80	140.74 -6.92 -75.00	122.06 -6.60 -59.40	104.42 -5.92 -51.73	52.69 -5.30 -0.71	69.30 -6.67 0.00	56.70 -5.39 0.00	46.56 -4.12 0.00	42.46 -3.88 0.00
MCINTYRE_115KV_TB2 80467	63.44 2.05 0.00	59.65 2.02 0.00	44.30 1.38 0.00	45.18 1.36 0.00	43.56 1.23 0.00	44.31 1.10 0.00	44.01 1.03 0.00	43.35 1.05 0.00	41.21 0.92 0.00	44.23 0.89 0.00	52.56 1.31 0.00	53.15 0.98 0.00	55.36 1.05 0.00	44.56 0.94 0.00	59.97 1.84 0.00	69.18 2.07 0.00	74.77 2.11 0.00	71.32 2.06 0.00	59.96 1.36 0.00	58.63 1.35 0.00	78.19 2.21 0.00	63.97 1.88 0.00	52.45 1.77 0.00	47.91 1.56 0.00
MECO_____69_KV_BK1 80468	64.01 2.62 0.00	59.97 2.34 0.00	44.55 1.63 0.00	45.47 1.65 0.00	43.89 1.57 0.00	44.85 1.64 0.00	44.71 1.73 0.00	44.08 1.77 0.00	42.15 1.85 0.00	45.34 2.00 0.00	53.63 2.38 0.00	54.75 2.58 0.00	57.15 2.83 0.00	45.84 2.23 0.00	61.04 2.91 0.00	70.66 3.55 0.00	76.61 3.95 0.00	73.03 3.77 0.00	61.73 3.14 0.00	60.19 2.91 0.00	79.80 3.83 0.00	65.04 2.96 0.00	52.74 2.05 0.00	48.17 1.83 0.00
MENANDS___115KV_TB5 355628	63.02 1.64 0.00	59.12 1.49 0.00	44.21 1.29 0.00	45.14 1.32 0.00	43.63 1.31 0.00	44.59 1.37 0.00	44.42 1.44 0.00	43.79 1.48 0.00	41.85 1.55 0.00	45.02 1.68 0.00	53.23 1.98 0.00	54.20 2.03 0.00	56.45 2.14 0.00	45.35 1.74 0.00	60.09 1.96 0.00	69.25 2.14 0.00	74.90 2.24 0.00	71.17 1.91 0.00	60.40 1.81 0.00	58.93 1.65 0.00	77.88 1.90 0.00	63.73 1.65 0.00	51.98 1.30 0.00	47.62 1.27 0.00
MG INDUSTRY___DRP 24185	63.04 1.65 0.00	59.13 1.51 0.00	44.17 1.25 0.00	45.10 1.28 0.00	43.58 1.25 0.00	44.53 1.32 0.00	44.33 1.34 0.00	43.71 1.40 0.00	41.74 1.45 0.00	44.92 1.58 0.00	53.02 1.78 0.00	53.96 1.79 0.00	56.22 1.91 0.00	45.15 1.54 0.00	59.85 1.73 0.00	69.02 1.91 0.00	74.67 2.02 0.00	71.01 1.75 0.00	60.24 1.64 0.00	58.77 1.49 0.00	77.73 1.75 0.00	63.59 1.50 0.00	51.88 1.20 0.00	47.52 1.17 0.00

MID___OSWEGATCHIE_HYD 23849	61.72 0.34 0.00	57.97 0.34 0.00	42.80 -0.12 0.00	43.08 -0.75 0.00	41.53 -0.80 0.00	42.14 -1.07 0.00	41.73 -1.25 0.00	41.07 -1.24 0.00	39.08 -1.22 0.00	42.08 -1.27 0.00	50.35 -0.89 0.00	51.17 -1.00 0.00	53.49 -0.82 0.00	42.96 -0.66 0.00	57.26 -0.87 0.00	65.59 -1.52 0.00	70.84 -1.82 0.00	67.68 -1.58 0.00	56.86 -1.74 0.00	55.61 -1.67 0.00	74.11 -1.86 0.00	60.90 -1.19 0.00	49.89 -0.80 0.00	45.50 -0.84 0.00
MID___RAQUETTE_HYD 23851	62.27 0.88 0.00	58.62 0.99 0.00	43.51 0.59 0.00	44.28 0.45 0.00	42.67 0.35 0.00	43.32 0.11 0.00	42.95 -0.04 0.00	42.26 -0.04 0.00	40.18 -0.12 0.00	43.14 -0.20 0.00	51.37 0.13 0.00	52.06 -0.11 0.00	54.20 -0.11 0.00	43.57 -0.04 0.00	58.51 0.39 0.00	67.36 0.25 0.00	72.54 -0.12 0.00	69.02 -0.25 0.00	57.91 -0.69 0.00	56.66 -0.62 0.00	75.71 -0.27 0.00	62.15 0.07 0.00	51.13 0.44 0.00	46.71 0.36 0.00
MILLIKEN___1 23584	61.52 0.14 0.00	57.76 0.14 0.00	42.91 -0.01 0.00	43.82 0.00 0.00	42.33 0.01 0.00	43.20 -0.02 0.00	43.01 0.02 0.00	42.33 0.02 0.00	40.30 0.01 0.00	43.43 0.09 0.00	51.29 0.03 -0.02	54.49 0.17 -2.15	56.27 0.17 -1.79	43.84 0.01 -0.22	57.78 -0.35 0.00	69.86 -0.18 -2.94	79.62 0.04 -6.92	75.07 0.32 -5.48	63.52 0.14 -4.78	57.73 0.38 -0.07	76.38 0.40 0.00	62.15 0.06 0.00	50.72 0.03 0.00	46.31 -0.04 0.00
MILLIKEN___2 23585	61.52 0.14 0.00	57.76 0.14 0.00	42.91 -0.01 0.00	43.82 0.00 0.00	42.33 0.01 0.00	43.20 -0.02 0.00	43.01 0.02 0.00	42.33 0.02 0.00	40.30 0.01 0.00	43.43 0.09 0.00	51.29 0.03 -0.02	54.49 0.17 -2.15	56.27 0.17 -1.79	43.84 0.01 -0.22	57.78 -0.35 0.00	69.86 -0.18 -2.94	79.62 0.04 -6.92	75.07 0.32 -5.48	63.52 0.14 -4.78	57.73 0.38 -0.07	76.38 0.40 0.00	62.15 0.06 0.00	50.72 0.03 0.00	46.31 -0.04 0.00
MILLIKEN___DIESEL 23629	61.52 0.14 0.00	57.76 0.14 0.00	42.91 -0.01 0.00	43.82 0.00 0.00	42.33 0.01 0.00	43.20 -0.02 0.00	43.01 0.02 0.00	42.33 0.02 0.00	40.30 0.01 0.00	43.43 0.09 0.00	51.29 0.03 -0.02	54.49 0.17 -2.15	56.27 0.17 -1.79	43.84 0.01 -0.22	57.78 -0.35 0.00	69.86 -0.18 -2.94	79.62 0.04 -6.92	75.07 0.32 -5.48	63.52 0.14 -4.78	57.73 0.38 -0.07	76.38 0.40 0.00	62.15 0.06 0.00	50.72 0.03 0.00	46.31 -0.04 0.00
MILLSEAT___LFGE 323607	59.29 -2.09 0.00	55.81 -1.81 0.00	41.54 -1.38 0.00	42.46 -1.37 0.00	40.98 -1.35 0.00	41.72 -1.49 0.00	41.69 -1.29 0.00	40.72 -1.59 0.00	38.47 -1.82 0.00	41.78 -1.56 0.00	48.83 -2.38 0.03	46.19 -2.17 3.82	48.44 -2.69 3.17	40.83 -2.40 0.38	54.85 -3.28 0.00	57.96 -3.95 5.20	56.14 -4.25 12.27	56.19 -3.36 9.72	46.92 -2.48 8.46	54.69 -2.64 0.12	73.35 -2.64 0.00	60.04 -2.04 0.00	49.70 -0.99 0.00	45.58 -0.77 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	63.77 2.38 0.00	59.77 2.15 0.00	44.55 1.63 0.00	45.48 1.66 0.00	44.01 1.68 0.00	44.99 1.78 0.00	44.87 1.89 0.00	44.43 2.12 0.00	42.50 2.21 0.00	45.71 2.36 0.00	54.09 2.84 0.00	55.14 2.97 0.00	57.49 3.18 0.00	46.22 2.61 0.00	61.03 2.90 0.00	70.37 3.25 0.00	76.14 3.48 0.00	72.31 3.04 0.00	61.40 2.80 0.00	59.80 2.52 0.00	79.11 3.13 0.00	64.70 2.62 0.00	52.55 1.87 0.00	47.90 1.56 0.00
MILLWOOD_13_KV_LOAD 356217	63.92 2.53 0.00	59.90 2.28 0.00	44.64 1.72 0.00	45.57 1.75 0.00	44.09 1.77 0.00	45.08 1.87 0.00	44.98 1.99 0.00	44.52 2.21 0.00	42.59 2.30 0.00	45.81 2.46 0.00	54.21 2.96 0.00	55.26 3.09 0.00	57.63 3.32 0.00	46.33 2.72 0.00	61.17 3.05 0.00	70.54 3.43 0.00	76.31 3.66 0.00	72.47 3.21 0.00	61.57 2.97 0.00	59.95 2.67 0.00	79.30 3.33 0.00	64.84 2.75 0.00	52.67 1.99 0.00	48.00 1.66 0.00
MODEL_CITY_ENERGY 24167	57.40 -3.99 0.00	54.12 -3.51 0.00	40.34 -2.58 0.00	41.26 -2.56 0.00	39.79 -2.53 0.00	40.50 -2.71 0.00	40.45 -2.53 0.00	39.41 -2.90 0.00	37.08 -3.21 0.00	40.27 -3.07 0.00	47.00 -4.20 0.04	43.62 -3.81 4.75	46.12 -4.24 3.95	39.25 -3.89 0.48	52.66 -5.47 0.00	54.08 -6.56 6.47	50.05 -7.34 15.27	50.89 -6.28 12.09	42.43 -5.64 10.53	52.38 -4.76 0.14	70.51 -5.47 0.00	57.88 -4.21 0.00	48.10 -2.59 0.00	44.20 -2.14 0.00
MODERN_LFGE___ 323580	57.40 -3.99 0.00	54.12 -3.51 0.00	40.34 -2.58 0.00	41.26 -2.56 0.00	39.79 -2.53 0.00	40.50 -2.71 0.00	40.45 -2.53 0.00	39.41 -2.90 0.00	37.08 -3.21 0.00	40.27 -3.07 0.00	47.00 -4.20 0.04	43.62 -3.81 4.75	46.12 -4.24 3.95	39.25 -3.89 0.48	52.66 -5.47 0.00	54.08 -6.56 6.47	50.05 -7.34 15.27	50.89 -6.28 12.09	42.43 -5.64 10.53	52.38 -4.76 0.14	70.51 -5.47 0.00	57.88 -4.21 0.00	48.10 -2.59 0.00	44.20 -2.14 0.00
MOHAWK_PAPER___DRP 24187	63.33 1.95 0.00	59.39 1.76 0.00	44.39 1.46 0.00	45.31 1.48 0.00	43.79 1.46 0.00	44.76 1.55 0.00	44.59 1.60 0.00	43.97 1.66 0.00	42.02 1.72 0.00	45.22 1.88 0.00	53.46 2.22 0.00	54.47 2.30 0.00	56.73 2.42 0.00	45.57 1.96 0.00	60.39 2.26 0.00	69.64 2.53 0.00	75.32 2.66 0.00	71.59 2.33 0.00	60.75 2.15 0.00	59.23 1.95 0.00	78.32 2.35 0.00	64.08 1.99 0.00	52.25 1.56 0.00	47.83 1.48 0.00
MOHICAN___35_KV_115KV_LD 80490	66.24 4.86 0.00	61.87 4.24 0.00	46.12 3.20 0.00	47.11 3.28 0.00	45.39 3.06 0.00	46.45 3.24 0.00	46.39 3.41 0.00	45.93 3.62 0.00	43.93 3.64 0.00	47.37 4.03 0.00	56.03 4.79 0.00	57.12 4.95 0.00	59.51 5.20 0.00	47.75 4.13 0.00	63.26 5.14 0.00	73.12 6.01 0.00	79.19 6.53 0.00	75.13 5.86 0.00	63.59 4.99 0.00	62.01 4.73 0.00	81.84 5.86 0.00	66.91 4.83 0.00	54.48 3.79 0.00	49.78 3.43 0.00
MONGAUP___HYD 23641	63.89 2.51 0.00	59.91 2.28 0.00	44.62 1.70 0.00	45.53 1.70 0.00	44.04 1.72 0.00	45.03 1.82 0.00	44.94 1.96 0.00	44.44 2.13 0.00	42.51 2.21 0.00	45.77 2.43 0.00	54.07 2.83 0.00	55.15 2.98 0.00	57.46 3.15 0.00	46.16 2.55 0.00	61.14 3.01 0.00	70.57 3.46 0.00	76.44 3.78 0.00	72.72 3.46 0.00	61.70 3.10 0.00	60.13 2.86 0.00	79.55 3.57 0.00	64.97 2.88 0.00	52.79 2.10 0.00	48.10 1.76 0.00
MONTAUK___DIESEL 23721	68.17 6.78 0.00	63.78 6.15 0.00	47.44 4.52 0.00	48.10 4.28 0.00	46.45 4.13 0.00	47.12 3.91 0.00	46.22 3.24 0.00	45.07 2.76 0.00	42.98 2.68 0.00	46.15 2.81 0.00	54.98 3.74 0.00	55.97 3.80 0.00	58.34 4.03 0.00	46.46 2.84 0.00	64.83 2.37 -4.33	76.81 3.26 -6.44	84.17 4.03 -7.48	72.58 3.31 0.00	61.50 2.90 0.00	59.65 2.37 0.00	78.84 2.86 -0.01	64.34 2.25 -0.01	52.13 1.44 0.00	47.53 1.18 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	57.60 -3.79 0.00	53.60 -4.03 0.00	39.65 -3.27 0.00	39.30 -4.52 0.00	37.53 -4.80 0.00	38.23 -4.98 0.00	38.24 -4.74 0.00	37.51 -4.80 0.00	35.85 -4.44 0.00	38.70 -4.64 0.00	45.18 -6.03 0.04	42.12 -5.76 4.29	45.08 -5.66 3.57	38.26 -4.92 0.43	50.80 -7.33 0.00	53.62 -7.65 5.85	49.88 -8.98 13.79	50.04 -8.30 10.93	41.72 -7.36 9.51	50.69 -6.46 0.13	68.80 -7.18 0.00	56.75 -5.34 0.00	47.20 -3.49 0.00	43.17 -3.18 0.00

MORRIS_RIDGE___SOLAR 323848	57.82 -3.57 0.00	54.73 -2.90 0.00	40.21 -2.72 0.00	40.89 -2.94 0.00	39.31 -3.01 0.00	39.83 -3.38 0.00	39.65 -3.33 0.00	38.91 -3.40 0.00	36.94 -3.36 0.00	39.96 -3.39 0.00	46.55 -4.44 0.26	17.63 -4.55 29.99	24.56 -4.81 24.94	36.46 -4.13 3.02	52.53 -5.60 0.00	19.85 -6.37 40.88	-30.64 -6.87 96.43	-13.30 -6.19 76.37	-13.43 -5.51 66.51	51.51 -4.86 0.91	70.12 -5.85 0.00	57.43 -4.66 0.00	47.34 -3.34 0.00	43.32 -3.03 0.00
MORTIMER_115KV_TB3 55949	59.80 -1.58 0.00	56.20 -1.43 0.00	41.81 -1.12 0.00	42.71 -1.12 0.00	41.25 -1.07 0.00	42.06 -1.15 0.00	41.94 -1.04 0.00	41.10 -1.21 0.00	38.98 -1.31 0.00	42.17 -1.18 0.00	49.60 -1.65 0.00	50.53 -1.64 0.00	52.48 -1.83 0.00	41.94 -1.68 0.00	55.78 -2.35 0.00	64.30 -2.81 0.00	69.77 -2.88 0.00	66.98 -2.28 0.00	56.40 -2.21 0.00	55.55 -1.73 0.00	74.10 -1.88 0.00	60.54 -1.54 0.00	49.80 -0.88 0.00	45.59 -0.75 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	64.17 2.78 0.00	60.14 2.51 0.00	44.79 1.87 0.00	45.78 1.95 0.00	44.32 1.99 0.00	45.28 2.07 0.00	45.17 2.18 0.00	44.74 2.43 0.00	42.83 2.53 0.00	46.01 2.67 0.00	54.48 3.23 0.00	55.56 3.39 0.00	57.95 3.63 0.00	46.59 2.97 0.00	61.46 3.34 0.00	70.88 3.77 0.00	76.65 3.99 0.00	72.76 3.50 0.00	61.85 3.25 0.00	60.22 2.94 0.00	79.63 3.65 0.00	65.14 3.06 0.00	52.88 2.19 0.00	48.18 1.83 0.00
MUNSVILLE_WIND_PWR 323609	63.09 1.71 0.00	58.77 1.14 0.00	43.78 0.86 0.00	44.87 1.04 0.00	43.09 0.77 0.00	43.76 0.55 0.00	43.14 0.16 0.00	42.42 0.11 0.00	40.61 0.32 0.00	43.75 0.41 0.00	51.69 0.43 -0.02	54.72 0.84 -1.71	56.60 0.87 -1.42	44.30 0.51 -0.17	58.63 0.50 0.00	70.62 1.19 -2.33	80.34 2.20 -5.48	76.33 2.72 -4.34	64.58 2.20 -3.78	60.53 3.20 -0.05	78.97 2.99 0.00	63.64 1.55 0.00	51.50 0.82 0.00	47.20 0.85 0.00
N SALMON___HYD 24042	63.49 2.10 0.00	59.52 1.89 0.00	44.25 1.32 0.00	45.20 1.38 0.00	43.61 1.28 0.00	44.38 1.17 0.00	43.84 0.86 0.00	43.00 0.69 0.00	40.87 0.58 0.00	43.88 0.53 0.00	52.21 0.96 0.00	52.74 0.57 0.00	54.80 0.49 0.00	44.00 0.38 0.00	59.11 0.98 0.00	68.22 1.11 0.00	73.69 1.03 0.00	70.23 0.97 0.00	59.03 0.43 0.00	57.71 0.43 0.00	76.91 0.93 0.00	62.94 0.86 0.00	51.59 0.90 0.00	46.98 0.64 0.00
N.AKRON__115KV_KNAPP 355671	58.91 -2.48 0.00	55.47 -2.16 0.00	41.30 -1.63 0.00	42.22 -1.61 0.00	40.73 -1.59 0.00	41.46 -1.75 0.00	41.43 -1.55 0.00	40.46 -1.85 0.00	38.17 -2.12 0.00	41.47 -1.87 0.00	48.43 -2.78 0.04	45.52 -2.55 4.11	47.94 -2.96 3.42	40.48 -2.72 0.41	54.35 -3.78 0.00	56.97 -4.54 5.60	54.46 -5.00 13.20	54.74 -4.07 10.45	45.62 -3.87 9.10	54.15 -3.01 0.12	72.72 -3.26 0.00	59.57 -2.51 0.00	49.37 -1.32 0.00	45.27 -1.08 0.00
N.E_GEN_SANDY PD 24062	74.52 2.33 -10.80	61.82 2.11 -2.09	54.61 1.70 -9.98	59.22 1.76 -13.63	65.71 1.75 -21.63	58.39 1.85 -13.33	51.71 1.92 -6.81	51.50 2.03 -7.16	54.71 2.09 -12.32	55.68 2.25 -10.09	79.52 2.59 -25.68	76.53 2.69 -21.68	81.93 2.83 -24.78	75.44 2.29 -29.54	87.15 2.63 -26.40	84.78 2.96 -14.71	75.73 3.07 0.00	71.92 2.65 0.00	61.03 2.44 0.00	59.51 2.23 0.00	78.75 2.78 0.00	65.74 2.38 -1.28	56.00 1.83 -3.48	57.48 1.68 -9.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	63.63 2.24 0.00	59.62 1.99 0.00	44.44 1.51 0.00	45.35 1.52 0.00	43.86 1.54 0.00	44.85 1.64 0.00	44.75 1.77 0.00	44.29 1.98 0.00	42.38 2.09 0.00	45.61 2.27 0.00	53.97 2.72 0.00	54.99 2.82 0.00	57.34 3.03 0.00	46.12 2.51 0.00	60.93 2.80 0.00	70.24 3.13 0.00	76.01 3.36 0.00	72.17 2.91 0.00	61.28 2.68 0.00	59.69 2.41 0.00	78.97 3.00 0.00	64.58 2.49 0.00	52.46 1.78 0.00	47.80 1.46 0.00
N.QUEENS_27_KV_LOAD 356247	64.27 2.89 0.00	60.27 2.64 0.00	44.88 1.96 0.00	46.02 2.19 0.00	44.61 2.29 0.00	45.42 2.21 0.00	45.37 2.39 0.00	44.99 2.68 0.00	43.02 2.72 0.00	46.08 2.73 0.00	54.63 3.39 0.00	55.74 3.57 0.00	58.13 3.82 0.00	46.82 3.20 0.00	61.46 3.33 0.00	70.78 3.67 0.00	76.45 3.79 0.01	72.60 3.34 0.01	62.09 3.49 0.00	60.33 3.05 0.00	79.68 3.71 0.00	65.28 3.20 0.00	53.03 2.34 0.00	48.27 1.92 0.00
N.TROY___115KV_TB1 355778	63.75 2.37 0.00	59.74 2.12 0.00	44.60 1.68 0.00	45.54 1.72 0.00	44.01 1.69 0.00	44.98 1.77 0.00	44.82 1.83 0.00	44.22 1.91 0.00	42.25 1.95 0.00	45.49 2.14 0.00	53.74 2.50 0.00	54.76 2.59 0.00	57.03 2.72 0.00	45.80 2.18 0.00	60.71 2.59 0.00	70.06 2.95 0.00	75.73 3.08 0.00	71.97 2.71 0.00	61.01 2.41 0.00	59.53 2.25 0.00	78.78 2.80 0.00	64.45 2.37 0.00	52.54 1.86 0.00	48.08 1.73 0.00
NARROWS_GT1_1 24228	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT1_2 24229	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT1_3 24230	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT1_4 24231	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT1_5 24232	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00

NARROWS_GT1_6 24233	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT1_7 24234	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT1_8 24235	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_1 24236	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_2 24237	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_3 24238	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_4 24239	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_5 24240	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_6 24241	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_7 24242	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NARROWS_GT2_8 24243	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.93 4.28 0.00	73.06 3.80 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.49 3.10 0.00	60.48 2.85 0.00	45.19 2.27 0.00	46.11 2.28 0.00	44.56 2.23 0.00	45.54 2.33 0.00	45.40 2.42 0.00	44.83 2.52 0.00	42.89 2.60 0.00	46.22 2.89 0.00	54.62 3.38 0.00	55.55 3.38 0.00	57.83 3.52 0.00	46.50 2.89 0.00	61.61 3.48 0.00	71.12 4.01 0.00	77.08 4.42 0.00	73.33 4.07 0.00	62.12 3.52 0.00	60.52 3.24 0.00	79.88 3.90 0.00	65.22 3.13 0.00	53.14 2.46 0.00	48.60 2.26 0.00
NCHELSEA_115KV_TR2 355582	64.27 2.89 0.00	60.23 2.60 0.00	44.90 1.98 0.00	45.84 2.01 0.00	44.35 2.02 0.00	45.33 2.12 0.00	45.23 2.24 0.00	44.75 2.44 0.00	42.82 2.52 0.00	46.09 2.75 0.00	54.51 3.27 0.00	55.59 3.42 0.00	57.96 3.64 0.00	46.60 2.99 0.00	61.55 3.43 0.00	71.01 3.90 0.00	76.85 4.20 0.00	73.05 3.78 0.00	61.99 3.39 0.00	60.37 3.10 0.00	79.84 3.87 0.00	65.24 3.16 0.00	53.01 2.32 0.00	48.31 1.96 0.00
NEG CAPITAL____MECHNVIL 23645	64.91 3.53 0.00	60.77 3.15 0.00	45.32 2.40 0.00	46.28 2.46 0.00	44.68 2.35 0.00	45.70 2.50 0.00	45.57 2.59 0.00	45.03 2.72 0.00	43.03 2.73 0.00	46.39 3.05 0.00	54.80 3.56 0.00	55.88 3.71 0.00	58.21 3.90 0.00	46.72 3.11 0.00	61.96 3.83 0.00	71.55 4.44 0.00	77.42 4.76 0.00	73.58 4.31 0.00	62.31 3.71 0.00	60.77 3.49 0.00	80.37 4.39 0.00	65.67 3.58 0.00	53.48 2.80 0.00	48.91 2.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	58.89 -2.50 0.00	55.33 -2.30 0.00	41.16 -1.76 0.00	42.05 -1.78 0.00	40.61 -1.71 0.00	41.46 -1.76 0.00	41.31 -1.67 0.00	40.51 -1.80 0.00	38.46 -1.83 0.00	41.57 -1.77 0.00	48.96 -2.29 0.00	49.93 -2.24 0.00	51.88 -2.43 0.00	41.47 -2.14 0.00	55.12 -3.01 0.00	63.58 -3.53 0.00	69.03 -3.63 0.00	66.23 -3.04 0.00	55.79 -2.81 0.00	54.82 -2.46 0.00	73.03 -2.95 0.00	59.61 -2.48 0.00	48.93 -1.76 0.00	44.79 -1.56 0.00

NEG CENTRAL___DRP 24199	60.56 -0.83 0.00	56.92 -0.71 0.00	42.32 -0.60 0.00	43.23 -0.59 0.00	41.77 -0.56 0.00	42.64 -0.57 0.00	42.46 -0.52 0.00	41.70 -0.61 0.00	39.61 -0.69 0.00	42.72 -0.62 0.00	50.43 -0.81 0.00	51.46 -0.71 0.00	53.53 -0.78 0.00	42.81 -0.80 0.00	56.77 -1.36 0.00	65.71 -1.40 0.00	71.35 -1.31 0.00	68.33 -0.93 0.00	57.66 -0.94 0.00	56.54 -0.74 0.00	75.10 -0.88 0.00	61.20 -0.88 0.00	50.07 -0.62 0.00	45.77 -0.57 0.00
NEG CENTRAL___INDECK 23768	60.88 -0.51 0.00	57.45 -0.18 0.00	42.43 -0.49 0.00	43.24 -0.59 0.00	41.66 -0.67 0.00	42.40 -0.80 0.00	42.34 -0.65 0.00	41.59 -0.72 0.00	39.54 -0.76 0.00	42.77 -0.57 0.00	50.35 -1.10 -0.20	74.04 -1.33 -23.20	71.98 -1.63 -19.30	44.26 -1.69 -2.34	56.27 -1.86 0.00	96.72 -2.03 -31.63	145.47 -1.79 -74.61	127.17 -1.19 -59.09	108.80 -1.27 -51.46	57.20 -0.78 -0.70	75.39 -0.59 0.00	61.57 -0.51 0.00	50.55 -0.13 0.00	46.13 -0.21 0.00
NEG CENTRAL___SENECA 23627	60.48 -0.90 0.00	56.84 -0.79 0.00	42.25 -0.67 0.00	43.18 -0.65 0.00	41.71 -0.61 0.00	42.58 -0.63 0.00	42.41 -0.57 0.00	41.65 -0.65 0.00	39.55 -0.74 0.00	42.71 -0.63 0.00	50.39 -0.85 0.00	51.39 -0.78 0.00	53.43 -0.88 0.00	42.70 -0.92 0.00	56.65 -1.48 0.00	65.55 -1.56 0.00	71.20 -1.45 0.00	68.25 -1.02 0.00	57.54 -1.06 0.00	56.48 -0.80 0.00	75.07 -0.91 0.00	61.21 -0.88 0.00	50.12 -0.56 0.00	45.82 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	60.88 -0.51 0.00	57.23 -0.40 0.00	42.55 -0.37 0.00	43.46 -0.37 0.00	41.99 -0.34 0.00	42.86 -0.35 0.00	42.68 -0.30 0.00	41.92 -0.39 0.00	39.86 -0.44 0.00	42.94 -0.41 0.00	50.69 -0.56 0.00	51.82 -0.35 0.00	53.97 -0.34 0.00	43.18 -0.43 0.00	57.21 -0.92 0.00	66.30 -0.81 0.00	72.02 -0.64 0.00	68.84 -0.42 0.00	58.16 -0.44 0.00	57.04 -0.24 0.00	75.63 -0.35 0.00	61.42 -0.67 0.00	50.30 -0.39 0.00	45.95 -0.40 0.00
NEG MILLWOOD___DRP 24198	64.52 3.14 0.00	60.45 2.82 0.00	45.05 2.13 0.00	45.99 2.16 0.00	44.49 2.17 0.00	45.50 2.29 0.00	45.39 2.41 0.00	44.94 2.63 0.00	43.00 2.71 0.00	46.29 2.95 0.00	54.77 3.52 0.00	55.86 3.69 0.00	58.25 3.93 0.00	46.82 3.21 0.00	61.84 3.71 0.00	71.33 4.22 0.00	77.21 4.55 0.00	73.38 4.12 0.00	62.28 3.68 0.00	60.65 3.37 0.00	80.17 4.19 0.00	65.51 3.42 0.00	53.19 2.50 0.00	48.46 2.11 0.00
NEG NORTH_FLCN_SEA 23793	63.44 2.06 0.00	59.40 1.78 0.00	44.24 1.32 0.00	45.24 1.41 0.00	43.65 1.32 0.00	44.44 1.23 0.00	43.81 0.83 0.00	42.96 0.64 0.00	40.80 0.51 0.00	43.79 0.45 0.00	52.07 0.83 0.00	52.70 0.53 0.00	54.66 0.35 0.00	43.94 0.32 0.00	58.95 0.83 0.00	68.07 0.96 0.00	73.55 0.90 0.00	70.13 0.87 0.00	59.04 0.43 0.00	57.67 0.39 0.00	76.82 0.84 0.00	62.91 0.82 0.00	51.48 0.79 0.00	46.93 0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	62.64 1.25 0.00	58.65 1.02 0.00	43.66 0.73 0.00	44.66 0.84 0.00	43.07 0.75 0.00	43.86 0.65 0.00	43.26 0.27 0.00	42.38 0.07 0.00	40.24 -0.05 0.00	43.23 -0.12 0.00	51.39 0.15 0.00	51.89 -0.28 0.00	53.85 -0.46 0.00	43.32 -0.30 0.00	58.24 0.11 0.00	67.29 0.18 0.00	72.76 0.10 0.00	69.39 0.13 0.00	58.38 -0.22 0.00	57.06 -0.22 0.00	76.05 0.07 0.00	62.19 0.10 0.00	50.94 0.26 0.00	46.39 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	63.69 2.30 0.00	59.63 2.00 0.00	44.40 1.48 0.00	45.40 1.57 0.00	43.79 1.46 0.00	44.59 1.38 0.00	44.00 1.02 0.00	43.14 0.82 0.00	40.98 0.68 0.00	43.99 0.65 0.00	52.34 1.10 0.00	52.96 0.79 0.00	54.93 0.62 0.00	44.13 0.51 0.00	59.22 1.10 0.00	68.41 1.30 0.00	73.91 1.26 0.00	70.52 1.25 0.00	59.37 0.77 0.00	58.00 0.72 0.00	77.23 1.26 0.00	63.20 1.12 0.00	51.71 1.03 0.00	47.11 0.76 0.00
NEG NORTH___LWR_SARANAC 23913	63.69 2.30 0.00	59.63 2.00 0.00	44.40 1.48 0.00	45.40 1.57 0.00	43.79 1.46 0.00	44.59 1.38 0.00	44.00 1.02 0.00	43.14 0.82 0.00	40.98 0.68 0.00	43.99 0.65 0.00	52.34 1.10 0.00	52.96 0.79 0.00	54.93 0.62 0.00	44.13 0.51 0.00	59.22 1.10 0.00	68.41 1.30 0.00	73.91 1.26 0.00	70.52 1.25 0.00	59.37 0.77 0.00	58.00 0.72 0.00	77.23 1.26 0.00	63.20 1.12 0.00	51.71 1.03 0.00	47.11 0.76 0.00
NEG NORTH___PLATTSBURG 23628	63.69 2.30 0.00	59.63 2.01 0.00	44.40 1.48 0.00	45.40 1.57 0.00	43.79 1.46 0.00	44.59 1.38 0.00	44.00 1.02 0.00	43.14 0.82 0.00	40.98 0.68 0.00	43.99 0.65 0.00	52.34 1.10 0.00	52.96 0.78 0.00	54.93 0.62 0.00	44.13 0.51 0.00	59.22 1.10 0.00	68.41 1.30 0.00	73.91 1.26 0.00	70.52 1.25 0.00	59.37 0.77 0.00	58.01 0.73 0.00	77.23 1.26 0.00	63.20 1.12 0.00	51.71 1.03 0.00	47.11 0.76 0.00
NEG WEST_LEA_LOCKPORT 23791	57.93 -3.45 0.00	54.57 -3.06 0.00	40.62 -2.30 0.00	41.53 -2.30 0.00	40.05 -2.28 0.00	40.74 -2.47 0.00	40.68 -2.30 0.00	39.70 -2.62 0.00	37.41 -2.89 0.00	40.62 -2.72 0.00	47.44 -3.76 0.04	43.76 -3.51 4.90	46.34 -3.89 4.08	39.56 -3.56 0.49	53.14 -4.99 0.00	54.40 -6.02 6.68	50.20 -6.69 15.76	51.12 -5.66 12.49	42.54 -5.19 10.87	52.88 -4.25 0.15	71.17 -4.81 0.00	58.40 -3.69 0.00	48.50 -2.19 0.00	44.55 -1.80 0.00
NEG WEST___LANCASTR 23811	58.89 -2.50 0.00	55.38 -2.25 0.00	41.09 -1.84 0.00	41.94 -1.89 0.00	40.45 -1.88 0.00	41.09 -2.12 0.00	40.98 -2.00 0.00	40.08 -2.23 0.00	37.99 -2.31 0.00	41.21 -2.13 0.00	48.31 -2.89 0.04	44.79 -2.74 4.64	47.50 -2.95 3.86	40.39 -2.75 0.47	53.99 -4.14 0.00	55.89 -4.90 6.33	52.45 -5.29 14.92	53.05 -4.39 11.82	44.19 -4.12 10.29	53.84 -3.30 0.14	72.35 -3.63 0.00	59.25 -2.83 0.00	49.01 -1.67 0.00	44.92 -1.43 0.00
NEG_PENN_ALLEGHNY 23528	60.56 -0.83 0.00	56.89 -0.74 0.00	42.24 -0.68 0.00	43.15 -0.68 0.00	41.69 -0.63 0.00	42.51 -0.70 0.00	42.32 -0.66 0.00	41.68 -0.63 0.00	39.69 -0.60 0.00	42.81 -0.53 0.00	50.55 -0.71 -0.01	52.80 -0.60 -1.23	54.75 -0.59 -1.02	43.15 -0.59 -0.12	56.90 -1.23 0.00	67.47 -1.32 -1.68	75.25 -1.36 -3.96	71.30 -1.10 -3.13	60.24 -1.10 -2.73	56.56 -0.75 -0.04	75.00 -0.98 0.00	61.19 -0.90 0.00	49.95 -0.74 0.00	45.61 -0.73 0.00
NEG___GEN_MONROE 24207	60.11 -1.27 0.00	56.50 -1.13 0.00	42.03 -0.89 0.00	42.94 -0.89 0.00	41.48 -0.84 0.00	42.28 -0.93 0.00	42.24 -0.75 0.00	41.34 -0.97 0.00	39.18 -1.12 0.00	42.41 -0.93 0.00	49.81 -1.42 0.01	49.81 -1.40 0.97	51.77 -1.74 0.80	41.94 -1.58 0.10	56.00 -2.13 0.00	63.29 -2.50 1.32	67.00 -2.54 3.11	64.88 -1.91 2.46	54.52 -1.93 2.15	55.84 -1.41 0.03	74.59 -1.39 0.00	60.90 -1.19 0.00	50.15 -0.54 0.00	45.92 -0.43 0.00
NEPA___ENERGY 23901	57.88 -3.51 0.00	54.33 -3.30 0.00	40.21 -2.71 0.00	40.88 -2.94 0.00	39.39 -2.93 0.00	40.06 -3.15 0.00	39.96 -3.02 0.00	39.20 -3.11 0.00	37.17 -3.12 0.00	40.32 -3.02 0.00	47.26 -3.94 0.05	43.00 -3.81 5.36	45.94 -3.91 4.46	39.60 -3.47 0.54	52.77 -5.36 0.00	53.83 -5.98 7.31	48.77 -6.65 17.23	49.84 -5.77 13.65	41.51 -5.21 11.89	52.77 -4.35 0.16	70.98 -5.00 0.00	58.09 -4.00 0.00	47.96 -2.73 0.00	43.83 -2.51 0.00

NEVERSINK___HYD 23608	63.36 1.98 0.00	59.40 1.77 0.00	44.25 1.33 0.00	45.13 1.31 0.00	43.67 1.34 0.00	44.65 1.44 0.00	44.57 1.59 0.00	44.10 1.79 0.00	42.19 1.89 0.00	45.45 2.12 0.00	53.76 2.52 0.00	54.85 2.68 0.00	57.16 2.85 0.00	45.96 2.35 0.00	60.77 2.64 0.00	70.10 2.99 0.00	75.91 3.26 0.00	72.20 2.94 0.00	61.24 2.63 0.00	59.65 2.37 0.00	78.90 2.92 0.00	64.41 2.32 0.00	52.32 1.64 0.00	47.66 1.31 0.00
NEWKRMKL_115KV_TB1 55635	62.84 1.46 0.00	58.97 1.34 0.00	44.10 1.18 0.00	45.02 1.19 0.00	43.53 1.20 0.00	44.48 1.27 0.00	44.32 1.33 0.00	43.71 1.40 0.00	41.77 1.47 0.00	44.95 1.61 0.00	53.13 1.89 0.00	54.10 1.93 0.00	56.34 2.03 0.00	45.29 1.67 0.00	59.97 1.85 0.00	69.10 1.99 0.00	74.74 2.09 0.00	71.05 1.79 0.00	60.33 1.73 0.00	58.82 1.54 0.00	77.67 1.69 0.00	63.58 1.49 0.00	51.87 1.19 0.00	47.50 1.15 0.00
NEWTON___FALLS_HYD 23847	61.72 0.34 0.00	57.97 0.34 0.00	42.80 -0.12 0.00	43.08 -0.75 0.00	41.53 -0.80 0.00	42.14 -1.07 0.00	41.73 -1.25 0.00	41.07 -1.24 0.00	39.08 -1.22 0.00	42.08 -1.27 0.00	50.35 -0.89 0.00	51.17 -1.00 0.00	53.49 -0.82 0.00	42.96 -0.66 0.00	57.26 -0.87 0.00	65.59 -1.52 0.00	70.84 -1.82 0.00	67.68 -1.58 0.00	56.86 -1.74 0.00	55.61 -1.67 0.00	74.11 -1.86 0.00	60.90 -1.19 0.00	49.89 -0.80 0.00	45.50 -0.84 0.00
NGRID_A1_DSASP 323792	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
NGRID_A2_DSASP 323793	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
NGRID_A4_DSASP 323807	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
NIAGARA_115E_LBMP 323715	57.08 -4.31 0.00	53.84 -3.79 0.00	40.17 -2.76 0.00	41.09 -2.74 0.00	39.62 -2.70 0.00	40.33 -2.88 0.00	40.28 -2.70 0.00	39.23 -3.08 0.00	36.87 -3.43 0.00	40.04 -3.30 0.00	46.72 -4.49 0.04	43.28 -4.05 4.84	45.78 -4.50 4.03	39.01 -4.12 0.49	52.33 -5.79 0.00	53.56 -6.95 6.61	49.25 -7.82 15.58	50.20 -6.73 12.34	41.84 -6.01 10.75	52.05 -5.09 0.15	70.06 -5.92 0.00	57.52 -4.56 0.00	47.84 -2.84 0.00	43.96 -2.38 0.00
NIAGARA_115W_LBMP 323714	57.07 -4.31 0.00	53.71 -3.92 0.00	39.94 -2.99 0.00	40.86 -2.97 0.00	39.41 -2.91 0.00	40.12 -3.09 0.00	40.04 -2.95 0.00	39.03 -3.28 0.00	36.85 -3.44 0.00	40.05 -3.30 0.00	46.83 -4.37 0.04	43.18 -4.13 4.87	45.74 -4.52 4.05	39.00 -4.12 0.49	52.35 -5.77 0.00	53.62 -6.85 6.64	49.65 -7.36 15.65	50.55 -6.32 12.40	42.08 -5.72 10.80	51.78 -5.35 0.15	69.63 -6.35 0.00	57.16 -4.93 0.00	47.78 -2.90 0.00	44.21 -2.14 0.00
NIAGARA_230_LBMP 323716	57.58 -3.81 0.00	54.19 -3.44 0.00	40.30 -2.62 0.00	41.21 -2.62 0.00	39.75 -2.57 0.00	40.45 -2.76 0.00	40.37 -2.61 0.00	39.36 -2.95 0.00	37.19 -3.11 0.00	40.36 -2.98 0.00	47.22 -3.98 0.04	43.64 -3.86 4.68	46.21 -4.22 3.89	39.36 -3.78 0.47	52.79 -5.33 0.00	54.25 -6.48 6.37	50.59 -7.03 15.03	51.37 -5.98 11.91	42.80 -5.43 10.37	52.51 -4.63 0.14	70.66 -5.31 0.00	57.95 -4.14 0.00	48.18 -2.51 0.00	44.33 -2.01 0.00
NIAGARA___115KV_198_GIBSON 55903	57.07 -4.31 0.00	53.71 -3.92 0.00	39.93 -2.99 0.00	40.85 -2.98 0.00	39.41 -2.91 0.00	40.12 -3.09 0.00	40.04 -2.95 0.00	39.06 -3.25 0.00	36.86 -3.44 0.00	40.04 -3.30 0.00	46.83 -4.37 0.04	43.14 -4.16 4.87	45.73 -4.54 4.05	38.97 -4.15 0.49	52.33 -5.79 0.00	53.61 -6.86 6.64	49.60 -7.40 15.65	50.49 -6.37 12.40	42.00 -5.80 10.80	51.81 -5.33 0.15	69.64 -6.34 0.00	57.16 -4.93 0.00	47.78 -2.91 0.00	44.18 -2.16 0.00
NIAGARA____ 23760	57.58 -3.81 0.00	54.19 -3.44 0.00	40.30 -2.62 0.00	41.21 -2.62 0.00	39.75 -2.57 0.00	40.45 -2.76 0.00	40.37 -2.61 0.00	39.36 -2.95 0.00	37.19 -3.11 0.00	40.36 -2.98 0.00	47.22 -3.98 0.04	43.60 -3.86 4.71	46.17 -4.22 3.92	39.36 -3.78 0.47	52.79 -5.33 0.00	54.19 -6.48 6.44	50.39 -7.03 15.23	51.22 -5.98 12.07	42.67 -5.43 10.50	52.50 -4.63 0.14	70.66 -5.31 0.00	57.95 -4.14 0.00	48.18 -2.51 0.00	44.33 -2.01 0.00
NINE_MILE_1 23575	59.29 -2.10 0.00	55.77 -1.86 0.00	41.53 -1.40 0.00	42.39 -1.44 0.00	40.95 -1.38 0.00	41.80 -1.41 0.00	41.56 -1.42 0.00	40.79 -1.52 0.00	38.76 -1.54 0.00	41.65 -1.69 0.00	49.20 -2.05 0.00	50.13 -2.04 0.00	52.17 -2.14 0.00	41.87 -1.75 0.00	55.64 -2.49 0.00	64.24 -2.88 0.00	69.61 -3.05 0.00	66.42 -2.84 0.00	56.16 -2.44 0.00	54.95 -2.33 0.00	72.93 -3.05 0.00	59.54 -2.54 0.00	48.64 -2.05 0.00	44.49 -1.85 0.00
NINE_MILE_2 23744	59.29 -2.10 0.00	55.78 -1.85 0.00	41.53 -1.40 0.00	42.39 -1.44 0.00	40.96 -1.37 0.00	41.81 -1.41 0.00	41.57 -1.41 0.00	40.79 -1.52 0.00	38.76 -1.54 0.00	41.66 -1.68 0.00	49.20 -2.05 0.00	50.14 -2.04 0.00	52.17 -2.14 0.00	41.87 -1.74 0.00	55.64 -2.49 0.00	64.24 -2.87 0.00	69.61 -3.05 0.00	66.43 -2.83 0.00	56.17 -2.43 0.00	54.96 -2.32 0.00	72.93 -3.05 0.00	59.54 -2.54 0.00	48.64 -2.04 0.00	44.50 -1.85 0.00
NM_CAPITAL___DRP 24208	62.90 1.52 0.00	59.02 1.39 0.00	44.14 1.22 0.00	45.06 1.23 0.00	43.57 1.24 0.00	44.52 1.32 0.00	44.35 1.37 0.00	43.73 1.42 0.00	41.78 1.48 0.00	44.96 1.61 0.00	53.14 1.89 0.00	54.10 1.93 0.00	56.35 2.04 0.00	45.28 1.66 0.00	59.97 1.85 0.00	69.12 2.01 0.00	74.76 2.10 0.00	71.03 1.77 0.00	60.30 1.70 0.00	58.81 1.53 0.00	77.73 1.75 0.00	63.61 1.52 0.00	51.89 1.20 0.00	47.54 1.19 0.00
NM_CENTRAL___DRP 24181	60.30 -1.09 0.00	56.71 -0.91 0.00	42.19 -0.73 0.00	43.06 -0.77 0.00	41.61 -0.72 0.00	42.48 -0.73 0.00	42.27 -0.71 0.00	41.53 -0.78 0.00	39.48 -0.82 0.00	42.49 -0.85 0.00	50.17 -1.07 0.00	51.16 -1.01 0.00	53.27 -1.04 0.00	42.72 -0.90 0.00	56.69 -1.43 0.00	65.49 -1.63 0.00	70.97 -1.68 0.00	67.79 -1.47 0.00	57.28 -1.32 0.00	56.09 -1.19 0.00	74.41 -1.57 0.00	60.72 -1.37 0.00	49.56 -1.13 0.00	45.31 -1.03 0.00

NM_FRONTIER___DRP 24179	57.07 -4.31 0.00	53.71 -3.92 0.00	39.93 -2.99 0.00	40.85 -2.98 0.00	39.41 -2.91 0.00	40.12 -3.09 0.00	40.04 -2.95 0.00	39.06 -3.25 0.00	36.86 -3.44 0.00	40.04 -3.30 0.00	46.83 -4.37 0.04	43.14 -4.16 4.87	45.73 -4.54 4.05	38.97 -4.15 0.49	52.33 -5.79 0.00	53.61 -6.86 6.64	49.60 -7.40 15.65	50.49 -6.37 12.40	42.00 -5.80 10.80	51.81 -5.33 0.15	69.64 -6.34 0.00	57.16 -4.93 0.00	47.78 -2.91 0.00	44.18 -2.16 0.00
NM_ST_REGIS___HYD 24053	62.65 1.26 0.00	58.91 1.28 0.00	43.74 0.81 0.00	44.56 0.73 0.00	42.96 0.63 0.00	43.63 0.42 0.00	43.21 0.23 0.00	42.49 0.18 0.00	40.38 0.08 0.00	43.36 0.02 0.00	51.62 0.37 0.00	52.26 0.09 0.00	54.38 0.07 0.00	43.70 0.08 0.00	58.70 0.57 0.00	67.64 0.53 0.00	72.89 0.23 0.00	69.38 0.11 0.00	58.25 -0.36 0.00	56.97 -0.31 0.00	76.08 0.10 0.00	62.40 0.32 0.00	51.28 0.60 0.00	46.81 0.46 0.00
NORTHPORT___1 23551	64.72 3.33 0.00	60.67 3.05 0.00	45.22 2.30 0.00	46.00 2.17 0.00	44.47 2.14 0.00	45.42 2.22 0.00	45.24 2.26 0.00	44.77 2.46 0.00	42.92 2.63 0.00	46.28 2.94 0.00	55.27 4.03 0.00	56.39 4.21 0.00	58.49 4.18 0.00	46.60 2.98 0.00	38.68 2.96 22.41	37.34 3.57 33.35	38.10 4.16 38.72	72.85 3.58 0.00	61.82 3.21 0.00	60.04 2.76 0.00	79.43 3.49 0.05	64.96 2.92 0.04	52.76 2.07 0.00	48.25 1.91 0.00
NORTHPORT___2 23552	64.72 3.33 0.00	60.67 3.05 0.00	45.22 2.30 0.00	46.00 2.17 0.00	44.47 2.14 0.00	45.42 2.22 0.00	45.24 2.26 0.00	44.77 2.46 0.00	42.92 2.63 0.00	46.28 2.94 0.00	55.27 4.03 0.00	56.39 4.21 0.00	58.49 4.18 0.00	46.60 2.98 0.00	38.68 2.96 22.41	37.34 3.57 33.35	38.10 4.16 38.72	72.85 3.58 0.00	61.82 3.21 0.00	60.04 2.76 0.00	79.43 3.49 0.05	64.96 2.92 0.04	52.76 2.07 0.00	48.25 1.91 0.00
NORTHPORT___3 23553	64.70 3.31 0.00	60.65 3.03 0.00	45.20 2.28 0.00	45.97 2.15 0.00	44.44 2.12 0.00	45.41 2.20 0.00	45.24 2.25 0.00	44.77 2.46 0.00	42.92 2.63 0.00	46.27 2.93 0.00	55.26 4.01 0.00	56.39 4.21 0.00	58.47 4.16 0.00	46.59 2.97 13.17	47.92 2.96 19.59	51.08 3.56 22.74	54.04 4.13 22.74	72.83 3.57 0.00	61.81 3.20 0.00	60.03 2.75 0.00	79.43 3.48 0.03	64.97 2.91 0.03	52.76 2.07 0.00	48.25 1.90 0.00
NORTHPORT___4 23650	64.70 3.31 0.00	60.65 3.03 0.00	45.20 2.28 0.00	45.97 2.15 0.00	44.44 2.12 0.00	45.41 2.20 0.00	45.24 2.25 0.00	44.77 2.46 0.00	42.92 2.63 0.00	46.27 2.93 0.00	55.26 4.01 0.00	56.39 4.21 0.00	58.47 4.16 0.00	46.59 2.97 13.17	47.92 2.96 19.59	51.08 3.56 22.74	54.04 4.13 22.74	72.83 3.57 0.00	61.81 3.20 0.00	60.03 2.75 0.00	79.43 3.48 0.03	64.97 2.91 0.03	52.76 2.07 0.00	48.25 1.90 0.00
NORTHPORT___IC 23718	64.72 3.34 0.00	60.68 3.05 0.00	45.22 2.30 0.00	46.01 2.18 0.00	44.47 2.14 0.00	45.42 2.21 0.00	45.24 2.26 0.00	44.77 2.46 0.00	42.92 2.63 0.00	46.28 2.93 0.00	55.27 4.03 0.00	56.39 4.22 0.00	58.49 4.18 0.00	46.61 2.99 0.00	38.68 2.96 22.41	37.34 3.58 33.35	38.10 4.16 38.72	72.85 3.59 0.00	61.82 3.22 0.00	60.04 2.76 0.00	79.42 3.49 0.05	64.96 2.92 0.04	52.76 2.07 0.00	48.25 1.91 0.00
NORTH___COUNTRY_ESR 323785	62.46 1.07 0.00	58.49 0.86 0.00	43.53 0.61 0.00	44.55 0.72 0.00	42.98 0.65 0.00	43.75 0.54 0.00	43.15 0.17 0.00	42.25 -0.06 0.00	40.15 -0.14 0.00	43.14 -0.20 0.00	51.29 0.04 0.00	51.79 -0.38 0.00	53.76 -0.55 0.00	43.23 -0.39 0.00	58.13 0.00 0.00	67.14 0.03 0.00	72.55 -0.11 0.00	69.18 -0.08 0.00	58.21 -0.39 0.00	56.91 -0.37 0.00	75.82 -0.16 0.00	62.01 -0.08 0.00	50.81 0.12 0.00	46.27 -0.07 0.00
NPX_GEN_1385_PROXY 323591	66.10 4.72 0.00	64.93 4.37 -2.93	47.83 3.29 -1.62	53.13 3.18 -6.12	52.00 3.11 -6.56	54.03 3.20 -7.62	46.11 3.12 0.00	52.07 3.43 -6.33	103.86 3.54 -60.03	109.34 3.91 -62.08	56.05 4.81 0.00	57.02 4.85 0.00	59.33 5.01 0.00	47.26 3.64 0.00	39.74 4.03 22.41	38.36 4.59 33.35	39.46 5.52 38.72	92.57 5.14 -18.16	127.97 4.53 -64.84	61.22 3.94 0.00	81.01 5.07 0.05	66.26 4.21 0.04	53.80 3.11 0.00	53.62 2.96 -4.31
NPX_GEN_CSC 323557	66.09 4.70 0.00	61.84 4.22 0.00	46.06 3.14 0.00	46.77 2.95 0.00	45.21 2.89 0.00	46.13 2.91 0.00	45.83 2.85 0.00	45.22 2.91 0.00	43.37 3.08 0.00	46.75 3.41 0.00	55.84 4.59 0.00	57.03 4.86 0.00	59.33 5.02 0.00	47.30 3.69 0.00	65.84 3.35 -4.36	78.24 4.64 -6.48	85.66 5.47 -7.54	74.02 4.76 0.00	62.76 4.16 0.00	60.92 3.64 0.00	80.71 4.73 -0.01	65.95 3.86 -0.01	53.36 2.67 0.00	48.63 2.29 0.00
NSINS_S_GLNS_FALLS 23858	66.17 4.79 0.00	61.80 4.18 0.00	46.06 3.14 0.00	47.05 3.22 0.00	45.33 3.01 0.00	46.41 3.21 0.00	46.34 3.36 0.00	45.90 3.59 0.00	43.89 3.60 0.00	47.33 3.99 0.00	55.99 4.74 0.00	57.09 4.92 0.00	59.46 5.15 0.00	47.71 4.10 0.00	63.20 5.08 0.00	73.07 5.96 0.00	79.14 6.48 0.00	75.08 5.82 0.00	63.55 4.95 0.00	61.95 4.67 0.00	81.74 5.77 0.00	66.85 4.77 0.00	54.42 3.74 0.00	49.74 3.40 0.00
NUCOR_STEEL___DRP 24197	60.83 -0.56 0.00	57.18 -0.45 0.00	42.52 -0.40 0.00	43.42 -0.41 0.00	41.95 -0.37 0.00	42.83 -0.38 0.00	42.63 -0.35 0.00	41.88 -0.43 0.00	39.82 -0.48 0.00	42.90 -0.45 0.00	50.63 -0.61 0.00	51.78 -0.39 0.00	53.93 -0.38 0.00	43.16 -0.46 0.00	57.17 -0.96 0.00	66.28 -0.84 0.00	71.96 -0.70 0.00	68.79 -0.47 0.00	58.11 -0.49 0.00	56.99 -0.29 0.00	75.57 -0.41 0.00	61.34 -0.75 0.00	50.25 -0.44 0.00	45.92 -0.43 0.00
NUMBER_THREE_WT_PWR 323818	61.87 0.49 0.00	57.97 0.35 0.00	42.76 -0.16 0.00	42.48 -1.35 0.00	41.00 -1.32 0.00	41.74 -1.47 0.00	41.34 -1.64 0.00	40.69 -1.61 0.00	38.75 -1.54 0.00	41.75 -1.59 0.00	49.77 -1.47 0.00	50.71 -1.46 0.00	53.27 -1.04 0.00	42.73 -0.88 0.00	56.49 -1.64 0.00	64.93 -2.18 0.00	70.42 -2.23 0.00	67.60 -1.66 0.00	56.88 -1.72 0.00	55.64 -1.64 0.00	73.79 -2.19 0.00	60.18 -1.91 0.00	49.03 -1.66 0.00	44.66 -1.69 0.00
NYISO_LBMP_REFERENCE 24008	61.39 0.00 0.00	57.63 0.00 0.00	42.92 0.00 0.00	43.83 0.00 0.00	42.32 0.00 0.00	43.21 0.00 0.00	42.98 0.00 0.00	42.31 0.00 0.00	40.29 0.00 0.00	43.34 0.00 0.00	51.24 0.00 0.00	52.17 0.00 0.00	54.31 0.00 0.00	43.62 0.00 0.00	58.13 0.00 0.00	67.11 0.00 0.00	72.66 0.00 0.00	69.26 0.00 0.00	58.60 0.00 0.00	57.28 0.00 0.00	75.98 0.00 0.00	62.09 0.00 0.00	50.69 0.00 0.00	46.34 0.00 0.00
NYPA_BRENTWD____GT 24164	65.42 4.04 0.00	61.34 3.71 0.00	45.69 2.76 0.00	46.46 2.63 0.00	44.90 2.58 0.00	45.87 2.66 0.00	45.73 2.75 0.00	45.23 2.92 0.00	43.36 3.06 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.04 4.87 0.00	59.24 4.93 0.00	47.29 3.67 0.00	65.96 4.07 -3.76	77.56 4.84 -5.60	84.75 5.59 -6.51	73.96 4.69 0.00	62.74 4.14 0.00	60.94 3.66 0.00	80.79 4.81 -0.01	65.99 3.90 -0.01	53.45 2.76 0.00	48.75 2.41 0.00

NYPA_GOWANUS____GT5 24156	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.91 4.26 0.00	73.05 3.79 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NYPA_GOWANUS____GT6 24157	64.42 3.04 0.00	60.36 2.73 0.00	44.93 2.01 0.00	45.94 2.11 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.62 0.00	43.00 2.71 0.00	46.19 2.85 0.00	54.71 3.47 0.00	55.79 3.62 0.00	58.23 3.91 0.00	46.82 3.21 0.00	61.72 3.59 0.00	71.21 4.11 0.00	76.91 4.26 0.00	73.05 3.79 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.00 4.02 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00
NYPA_HARLEM__RVR__GT1 24160	64.17 2.78 0.00	60.19 2.56 0.00	44.83 1.91 0.00	45.94 2.11 0.00	44.53 2.21 0.00	45.34 2.14 0.00	45.28 2.30 0.00	44.92 2.61 0.00	42.92 2.62 0.00	46.00 2.66 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.71 3.09 0.00	61.35 3.22 0.00	70.66 3.56 0.00	76.33 3.68 0.01	72.50 3.25 0.01	61.99 3.40 0.00	60.22 2.94 0.00	79.58 3.61 0.00	65.19 3.10 0.00	52.95 2.26 0.00	48.19 1.85 0.00
NYPA_HARLEM__RVR__GT2 24161	64.17 2.78 0.00	60.19 2.56 0.00	44.83 1.91 0.00	45.94 2.11 0.00	44.53 2.21 0.00	45.34 2.14 0.00	45.28 2.30 0.00	44.92 2.61 0.00	42.92 2.62 0.00	46.00 2.66 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.71 3.09 0.00	61.35 3.22 0.00	70.66 3.56 0.00	76.33 3.68 0.01	72.50 3.25 0.01	61.99 3.40 0.00	60.22 2.94 0.00	79.58 3.61 0.00	65.19 3.10 0.00	52.95 2.26 0.00	48.19 1.85 0.00
NYPA_KENT____GT 24152	64.40 3.02 0.00	60.36 2.73 0.00	44.94 2.01 0.00	45.96 2.13 0.00	44.49 2.16 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.93 2.62 0.00	43.00 2.71 0.00	46.18 2.84 0.00	54.70 3.46 0.00	55.79 3.62 0.00	58.22 3.91 0.00	46.82 3.20 0.00	61.68 3.55 0.00	71.21 4.10 0.00	76.89 4.24 0.00	73.01 3.74 0.00	62.21 3.61 0.00	60.50 3.22 0.00	79.95 3.97 0.00	65.42 3.34 0.00	53.11 2.42 0.00	48.34 2.00 0.00
NYPA_POUCH1____GT 24155	64.32 2.94 0.00	60.26 2.63 0.00	44.87 1.95 0.00	45.88 2.05 0.00	44.39 2.07 0.00	45.33 2.12 0.00	45.25 2.27 0.00	44.84 2.53 0.00	42.92 2.63 0.00	46.09 2.75 0.00	54.58 3.33 0.00	55.65 3.48 0.00	58.08 3.77 0.00	46.73 3.12 0.00	61.57 3.44 0.00	71.05 3.94 0.00	76.76 4.10 0.00	72.93 3.67 0.00	62.17 3.56 0.00	60.43 3.15 0.00	79.84 3.86 0.00	65.37 3.28 0.00	53.06 2.38 0.00	48.30 1.95 0.00
NYPA_VERNON____GT2 24162	64.38 3.00 0.00	60.35 2.72 0.00	44.93 2.01 0.00	45.96 2.13 0.00	44.50 2.17 0.00	45.43 2.22 0.00	45.33 2.35 0.00	44.95 2.64 0.00	43.00 2.71 0.00	46.18 2.84 0.00	54.70 3.46 0.00	55.79 3.62 0.00	58.21 3.90 0.00	46.80 3.18 0.00	61.65 3.52 0.00	71.19 4.08 0.00	76.93 4.27 0.00	72.99 3.73 0.00	62.14 3.54 0.00	60.45 3.17 0.00	79.88 3.90 0.00	65.39 3.31 0.00	53.06 2.38 0.00	48.30 1.95 0.00
NYPA_VERNON____GT3 24163	64.38 3.00 0.00	60.35 2.72 0.00	44.93 2.01 0.00	45.96 2.13 0.00	44.50 2.17 0.00	45.43 2.22 0.00	45.33 2.35 0.00	44.95 2.64 0.00	43.00 2.71 0.00	46.18 2.84 0.00	54.70 3.46 0.00	55.79 3.62 0.00	58.21 3.90 0.00	46.80 3.18 0.00	61.65 3.52 0.00	71.19 4.08 0.00	76.93 4.27 0.00	72.99 3.73 0.00	62.14 3.54 0.00	60.45 3.17 0.00	79.88 3.90 0.00	65.39 3.31 0.00	53.06 2.38 0.00	48.30 1.95 0.00
NYPA____ASTORIA_CC1 323568	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.11 0.00	44.49 2.16 0.00	45.40 2.19 0.00	45.30 2.31 0.00	44.92 2.61 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.84 0.00	46.76 3.14 0.00	61.57 3.44 0.00	71.13 4.02 0.00	76.85 4.20 0.00	72.92 3.66 0.00	62.08 3.48 0.00	60.38 3.10 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
NYPA____ASTORIA_CC2 323569	64.33 2.94 0.00	60.30 2.67 0.00	44.90 1.98 0.00	45.94 2.11 0.00	44.49 2.16 0.00	45.40 2.19 0.00	45.30 2.31 0.00	44.92 2.61 0.00	42.97 2.68 0.00	46.14 2.80 0.00	54.66 3.42 0.00	55.75 3.58 0.00	58.15 3.84 0.00	46.76 3.14 0.00	61.57 3.44 0.00	71.13 4.02 0.00	76.85 4.20 0.00	72.92 3.66 0.00	62.08 3.48 0.00	60.38 3.10 0.00	79.79 3.81 0.00	65.31 3.22 0.00	53.00 2.32 0.00	48.25 1.90 0.00
NYPA____HOLTSVILL 23794	65.26 3.87 0.00	61.11 3.49 0.00	45.53 2.61 0.00	46.27 2.44 0.00	44.73 2.40 0.00	45.66 2.45 0.00	45.44 2.45 0.00	44.91 2.60 0.00	43.07 2.78 0.00	46.44 3.10 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	46.95 3.34 0.00	66.04 3.34 -4.58	78.04 4.12 -6.81	85.39 4.82 -7.92	73.40 4.14 0.00	62.27 3.67 0.00	60.46 3.18 0.00	80.09 4.11 -0.01	65.51 3.42 -0.01	53.08 2.39 0.00	48.41 2.07 0.00
NYPA____HELLGATE_GT1 24158	64.17 2.78 0.00	60.19 2.56 0.00	44.83 1.91 0.00	45.94 2.11 0.00	44.53 2.21 0.00	45.34 2.14 0.00	45.28 2.30 0.00	44.92 2.61 0.00	42.92 2.62 0.00	46.00 2.66 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.71 3.09 0.00	61.35 3.22 0.00	70.66 3.56 0.00	76.33 3.68 0.00	72.51 3.25 0.00	61.99 3.40 0.00	60.22 2.94 0.00	79.58 3.61 0.00	65.19 3.10 0.00	52.95 2.26 0.00	48.19 1.85 0.00
NYPA____HELLGATE_GT2 24159	64.17 2.78 0.00	60.19 2.56 0.00	44.83 1.91 0.00	45.94 2.11 0.00	44.53 2.21 0.00	45.34 2.14 0.00	45.28 2.30 0.00	44.92 2.61 0.00	42.92 2.62 0.00	46.00 2.66 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.03 3.71 0.00	46.71 3.09 0.00	61.35 3.22 0.00	70.66 3.56 0.00	76.33 3.68 0.00	72.51 3.25 0.00	61.99 3.40 0.00	60.22 2.94 0.00	79.58 3.61 0.00	65.19 3.10 0.00	52.95 2.26 0.00	48.19 1.85 0.00
NYS_BARGE____HYD 23848	57.95 -3.44 0.00	54.61 -3.02 0.00	40.66 -2.26 0.00	41.58 -2.25 0.00	40.10 -2.23 0.00	40.80 -2.41 0.00	40.75 -2.24 0.00	39.74 -2.57 0.00	37.45 -2.85 0.00	40.67 -2.67 0.00	47.49 -3.71 0.04	44.24 -3.38 4.54	46.73 -3.80 3.78	39.67 -3.48 0.46	53.23 -4.90 0.00	54.99 -5.92 6.20	51.50 -6.54 14.61	52.17 -5.52 11.58	43.51 -5.02 10.08	52.97 -4.18 0.14	71.25 -4.72 0.00	58.45 -3.64 0.00	48.54 -2.14 0.00	44.61 -1.74 0.00
OAK ORCHARD____HYD 24046	59.80 -1.58 0.00	56.20 -1.43 0.00	41.81 -1.12 0.00	42.71 -1.12 0.00	41.25 -1.07 0.00	42.06 -1.15 0.00	41.94 -1.05 0.00	41.09 -1.22 0.00	38.98 -1.31 0.00	42.17 -1.17 0.00	49.59 -1.65 0.00	50.56 -1.61 0.00	52.49 -1.82 0.00	41.95 -1.66 0.00	55.79 -2.33 0.00	64.30 -2.81 0.00	69.80 -2.85 0.00	67.02 -2.24 0.00	56.44 -2.16 0.00	55.55 -1.73 0.00	74.10 -1.88 0.00	60.54 -1.55 0.00	49.80 -0.89 0.00	45.61 -0.73 0.00

OAKDALE___35_KV_LOAD 356122	60.43 -0.96 0.00	56.78 -0.85 0.00	42.17 -0.75 0.00	43.08 -0.75 0.00	41.63 -0.70 0.00	42.44 -0.77 0.00	42.26 -0.73 0.00	41.61 -0.71 0.00	39.61 -0.69 0.00	42.73 -0.61 0.00	50.43 -0.82 -0.01	52.73 -0.74 -1.30	54.66 -0.73 -1.08	43.04 -0.71 -0.13	56.75 -1.38 0.00	67.40 -1.48 -1.77	75.27 -1.56 -4.18	71.26 -1.31 -3.31	60.21 -1.27 -2.88	56.40 -0.91 -0.04	74.79 -1.18 0.00	61.03 -1.05 0.00	49.84 -0.84 0.00	45.53 -0.82 0.00
OCC_CHEM___DRP 24175	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
OH_GEN_PROXY 24063	57.63 -3.75 0.00	54.23 -3.40 0.00	40.32 -2.60 0.00	41.23 -2.60 0.00	39.78 -2.54 0.00	40.48 -2.73 0.00	40.39 -2.59 0.00	39.42 -2.89 0.00	37.26 -3.04 0.00	40.42 -2.92 0.00	47.33 -3.88 0.04	44.16 -3.77 4.24	46.67 -4.12 3.53	39.49 -3.70 0.43	52.90 -5.23 0.00	54.99 -6.34 5.78	52.19 -6.83 13.64	52.65 -5.81 10.80	43.92 -5.28 9.41	52.65 -4.50 0.13	70.81 -5.16 0.00	58.06 -4.03 0.00	48.21 -2.47 0.00	44.33 -2.01 0.00
OLIN_CORP_DRP 24177	57.19 -4.19 0.00	53.93 -3.70 0.00	40.21 -2.71 0.00	41.13 -2.70 0.00	39.67 -2.66 0.00	40.38 -2.83 0.00	40.33 -2.65 0.00	39.31 -3.00 0.00	36.95 -3.35 0.00	40.13 -3.22 0.00	46.82 -4.38 0.04	43.24 -4.01 4.92	45.79 -4.43 4.09	39.04 -4.08 0.50	52.42 -5.70 0.00	53.56 -6.84 6.71	49.13 -7.71 15.82	50.11 -6.62 12.53	41.70 -5.98 10.91	52.15 -4.98 0.15	70.20 -5.78 0.00	57.64 -4.44 0.00	47.91 -2.77 0.00	44.02 -2.33 0.00
OLIN_CORP_DSASP 323712	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
ONEIDA_HERK_LFGE 323681	62.43 1.05 0.00	58.58 0.95 0.00	43.43 0.51 0.00	43.86 0.03 0.00	42.39 0.06 0.00	43.22 0.01 0.00	42.97 -0.01 0.00	42.33 0.02 0.00	40.37 0.07 0.00	43.47 0.13 0.00	51.56 0.32 0.00	52.55 0.38 0.00	54.92 0.61 0.00	44.06 0.45 0.00	58.40 0.27 0.00	67.32 0.21 0.00	72.95 0.30 0.00	69.75 0.49 0.00	58.89 0.29 0.00	57.54 0.26 0.00	76.24 0.26 0.00	62.19 0.10 0.00	50.68 0.00 0.00	46.23 -0.12 0.00
ONEIDA___115KV_TB4 55905	62.65 1.26 0.00	58.90 1.27 0.00	43.75 0.83 0.00	44.58 0.75 0.00	43.08 0.76 0.00	44.00 0.79 0.00	43.83 0.85 0.00	43.20 0.88 0.00	41.20 0.90 0.00	44.36 1.02 0.00	52.47 1.23 0.00	53.51 1.34 0.00	55.78 1.47 0.00	44.72 1.11 0.00	59.28 1.15 0.00	68.54 1.43 0.00	74.18 1.52 0.00	70.70 1.44 0.00	59.78 1.18 0.00	58.39 1.11 0.00	77.38 1.40 0.00	63.08 0.99 0.00	51.40 0.71 0.00	46.93 0.58 0.00
ONONDAGA_REF_OCCRA 23987	60.63 -0.75 0.00	57.00 -0.62 0.00	42.40 -0.52 0.00	43.27 -0.55 0.00	41.81 -0.52 0.00	42.68 -0.53 0.00	42.48 -0.51 0.00	41.76 -0.55 0.00	39.71 -0.59 0.00	42.73 -0.61 0.00	50.48 -0.76 0.00	51.49 -0.68 0.00	53.62 -0.69 0.00	43.00 -0.61 0.00	57.06 -1.07 0.00	65.94 -1.17 0.00	71.45 -1.20 0.00	68.28 -0.98 0.00	57.68 -0.92 0.00	56.49 -0.79 0.00	74.91 -1.07 0.00	61.11 -0.98 0.00	49.86 -0.83 0.00	45.56 -0.78 0.00
ONONDAGA___COGEN 23986	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.41 -0.83 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.68 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.05 0.00	57.63 -0.98 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
ONTARIO___LFGE 23819	60.48 -0.90 0.00	56.84 -0.79 0.00	42.25 -0.67 0.00	43.18 -0.65 0.00	41.71 -0.61 0.00	42.57 -0.64 0.00	42.41 -0.57 0.00	41.64 -0.67 0.00	39.55 -0.74 0.00	42.71 -0.63 0.00	50.39 -0.85 0.00	51.40 -0.77 0.00	53.43 -0.88 0.00	42.71 -0.90 0.00	56.66 -1.46 0.00	65.55 -1.56 0.00	71.21 -1.45 0.00	68.26 -1.00 0.00	57.57 -1.03 0.00	56.48 -0.80 0.00	75.07 -0.91 0.00	61.21 -0.88 0.00	50.13 -0.56 0.00	45.82 -0.52 0.00
ORANGEVILLE_WT_PWR 323706	57.76 -3.63 0.00	54.57 -3.06 0.00	40.22 -2.70 0.00	40.92 -2.91 0.00	39.34 -2.99 0.00	39.79 -3.42 0.00	39.60 -3.38 0.00	38.77 -3.54 0.00	36.75 -3.54 0.00	39.84 -3.50 0.00	46.46 -4.60 0.18	26.93 -4.59 20.65	32.25 -4.89 17.17	37.35 -4.19 2.08	52.19 -5.93 0.00	32.02 -6.94 28.15	-1.25 -7.51 66.39	10.01 -6.67 52.58	6.86 -5.94 45.79	51.42 -5.23 0.63	69.81 -6.17 0.00	57.24 -4.84 0.00	47.34 -3.35 0.00	43.43 -2.91 0.00
ORANGEVILLE___ESR 323794	57.76 -3.63 0.00	54.57 -3.06 0.00	40.22 -2.70 0.00	40.92 -2.91 0.00	39.34 -2.99 0.00	39.79 -3.42 0.00	39.60 -3.38 0.00	38.77 -3.54 0.00	36.75 -3.54 0.00	39.84 -3.50 0.00	46.46 -4.60 0.18	26.93 -4.59 20.65	32.25 -4.89 17.17	37.35 -4.19 2.08	52.19 -5.93 0.00	32.02 -6.94 28.15	-1.25 -7.51 66.39	10.01 -6.67 52.58	6.86 -5.94 45.79	51.42 -5.23 0.63	69.81 -6.17 0.00	57.24 -4.84 0.00	47.34 -3.35 0.00	43.43 -2.91 0.00
OSWEGATCHIE___HYD 24044	61.72 0.34 0.00	57.97 0.34 0.00	42.80 -0.12 0.00	43.08 -0.75 0.00	41.53 -0.80 0.00	42.14 -1.07 0.00	41.73 -1.25 0.00	41.07 -1.24 0.00	39.08 -1.22 0.00	42.08 -1.27 0.00	50.35 -0.89 0.00	51.17 -1.00 0.00	53.49 -0.82 0.00	42.95 -0.66 0.00	57.26 -0.87 0.00	65.59 -1.52 0.00	70.84 -1.81 0.00	67.68 -1.59 0.00	56.86 -1.74 0.00	55.61 -1.67 0.00	74.11 -1.86 0.00	60.90 -1.19 0.00	49.89 -0.80 0.00	45.50 -0.84 0.00
OSWEGO___5 23606	59.66 -1.72 0.00	56.14 -1.49 0.00	41.77 -1.15 0.00	42.65 -1.18 0.00	41.19 -1.14 0.00	42.05 -1.16 0.00	41.82 -1.16 0.00	41.07 -1.24 0.00	39.03 -1.26 0.00	41.98 -1.37 0.00	49.58 -1.67 0.00	50.52 -1.65 0.00	52.60 -1.71 0.00	42.19 -1.43 0.00	56.06 -2.07 0.00	64.74 -2.37 0.00	70.14 -2.52 0.00	66.96 -2.30 0.00	56.59 -2.01 0.00	55.40 -1.88 0.00	73.51 -2.46 0.00	60.02 -2.06 0.00	49.02 -1.66 0.00	44.83 -1.52 0.00
OSWEGO___6 23613	59.66 -1.72 0.00	56.14 -1.49 0.00	41.77 -1.15 0.00	42.65 -1.18 0.00	41.19 -1.14 0.00	42.05 -1.16 0.00	41.82 -1.16 0.00	41.07 -1.24 0.00	39.03 -1.26 0.00	41.98 -1.37 0.00	49.58 -1.67 0.00	50.52 -1.65 0.00	52.60 -1.71 0.00	42.19 -1.43 0.00	56.06 -2.07 0.00	64.74 -2.37 0.00	70.14 -2.52 0.00	66.96 -2.30 0.00	56.59 -2.01 0.00	55.40 -1.88 0.00	73.51 -2.46 0.00	60.02 -2.06 0.00	49.02 -1.66 0.00	44.83 -1.52 0.00

OUTOKUMPU-AB___DRP 24206	58.24 -3.15 0.00	54.83 -2.80 0.00	40.75 -2.18 0.00	41.65 -2.18 0.00	40.18 -2.15 0.00	40.86 -2.35 0.00	40.79 -2.19 0.00	39.82 -2.49 0.00	37.59 -2.70 0.00	40.83 -2.51 0.00	47.74 -3.46 0.04	43.78 -3.25 5.14	46.48 -3.55 4.28	39.81 -3.29 0.52	53.48 -4.64 0.00	54.51 -5.59 7.01	50.02 -6.09 16.54	51.07 -5.09 13.10	42.47 -4.72 11.41	53.11 -4.01 0.15	71.46 -4.52 0.00	58.61 -3.48 0.00	48.74 -1.95 0.00	44.83 -1.51 0.00
OXBOW___BTM 323836	57.63 -3.76 0.00	54.25 -3.38 0.00	40.32 -2.61 0.00	41.23 -2.60 0.00	39.78 -2.55 0.00	40.47 -2.74 0.00	40.39 -2.59 0.00	39.39 -2.92 0.00	37.21 -3.09 0.00	40.43 -2.91 0.00	47.28 -3.92 0.04	43.47 -3.68 5.02	46.09 -4.05 4.17	39.41 -3.69 0.51	52.93 -5.20 0.00	54.04 -6.22 6.84	49.82 -6.69 16.14	50.81 -5.67 12.78	42.29 -5.17 11.13	52.46 -4.66 0.15	70.57 -5.41 0.00	57.89 -4.19 0.00	48.25 -2.44 0.00	44.52 -1.82 0.00
OXBOW___ 24026	57.63 -3.75 0.00	54.24 -3.39 0.00	40.32 -2.61 0.00	41.23 -2.60 0.00	39.78 -2.55 0.00	40.47 -2.74 0.00	40.40 -2.59 0.00	39.42 -2.89 0.00	37.21 -3.09 0.00	40.43 -2.91 0.00	47.28 -3.92 0.04	43.43 -3.72 5.02	46.08 -4.06 4.17	39.39 -3.72 0.51	52.91 -5.22 0.00	54.05 -6.22 6.84	49.78 -6.73 16.14	50.74 -5.74 12.78	42.21 -5.26 11.13	52.48 -4.65 0.15	70.56 -5.42 0.00	57.89 -4.19 0.00	48.25 -2.43 0.00	44.49 -1.85 0.00
OXY_CHEM_DSASP 323612	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
OZONE_PARK_ESR 323760	64.83 3.45 0.00	60.72 3.10 0.00	45.20 2.28 0.00	46.21 2.38 0.00	44.73 2.40 0.00	45.70 2.50 0.00	45.59 2.61 0.00	45.20 2.89 0.00	43.27 2.98 0.00	46.48 3.13 0.00	55.06 3.82 0.00	56.19 4.02 0.00	58.61 4.30 0.00	47.14 3.53 0.00	62.18 4.05 0.00	71.71 4.60 0.00	77.55 4.89 0.00	73.64 4.37 0.00	62.61 4.01 0.00	60.97 3.69 0.00	80.56 4.58 0.00	65.91 3.82 0.00	53.46 2.78 0.00	48.68 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	57.17 -4.22 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.93 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.02 0.00	40.11 -2.87 0.00	39.12 -3.19 0.00	36.91 -3.38 0.00	40.11 -3.23 0.00	46.92 -4.29 0.04	43.18 -4.10 4.89	45.78 -4.46 4.07	39.03 -4.09 0.49	52.42 -5.70 0.00	53.68 -6.77 6.67	49.62 -7.31 15.73	50.54 -6.27 12.45	42.03 -5.72 10.85	51.92 -5.21 0.15	69.79 -6.19 0.00	57.29 -4.80 0.00	47.86 -2.83 0.00	44.24 -2.10 0.00
PACKARD___115KV_DUPONT_184 80571	57.18 -4.21 0.00	53.80 -3.83 0.00	40.00 -2.92 0.00	40.92 -2.90 0.00	39.49 -2.84 0.00	40.19 -3.03 0.00	40.11 -2.87 0.00	39.10 -3.22 0.00	36.92 -3.38 0.00	40.11 -3.23 0.00	46.91 -4.30 0.04	43.23 -4.05 4.89	45.79 -4.45 4.07	39.07 -4.05 0.49	52.44 -5.68 0.00	53.70 -6.75 6.67	49.68 -7.25 15.73	50.59 -6.22 12.45	42.14 -5.62 10.85	51.90 -5.23 0.15	69.79 -6.19 0.00	57.29 -4.79 0.00	47.87 -2.82 0.00	44.27 -2.07 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	64.21 2.82 0.00	60.22 2.59 0.00	44.84 1.92 0.00	45.96 2.13 0.00	44.50 2.18 0.00	45.34 2.13 0.00	45.26 2.28 0.00	44.85 2.54 0.00	42.89 2.59 0.00	46.02 2.68 0.00	54.55 3.31 0.00	55.64 3.47 0.00	58.03 3.72 0.00	46.70 3.08 0.00	61.38 3.25 0.00	70.86 3.75 0.00	76.59 3.93 0.00	72.78 3.52 0.00	62.09 3.50 0.00	60.32 3.04 0.00	79.69 3.71 0.00	65.27 3.18 0.00	52.98 2.30 0.00	48.22 1.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	65.46 4.08 0.00	61.46 3.83 0.00	45.76 2.84 0.00	46.92 3.09 0.00	45.42 3.09 0.00	46.29 3.08 0.00	46.24 3.26 0.00	45.79 3.48 0.00	43.81 3.52 0.00	47.03 3.69 0.00	55.74 4.50 0.00	56.80 4.63 0.00	59.25 4.94 0.00	47.66 4.05 0.00	62.66 4.53 0.00	72.35 5.24 0.00	78.19 5.54 0.00	74.31 5.05 0.00	63.36 4.76 0.00	61.61 4.33 0.00	81.33 5.36 0.00	66.61 4.52 0.00	54.07 3.39 0.00	49.20 2.86 0.00
PATROON___115KV_TB1 80586	63.02 1.64 0.00	59.12 1.49 0.00	44.22 1.30 0.00	45.14 1.32 0.00	43.64 1.32 0.00	44.60 1.38 0.00	44.45 1.46 0.00	43.82 1.51 0.00	41.88 1.59 0.00	45.07 1.73 0.00	53.28 2.04 0.00	54.26 2.09 0.00	56.51 2.20 0.00	45.43 1.82 0.00	60.15 2.02 0.00	69.31 2.20 0.00	74.98 2.33 0.00	71.26 2.00 0.00	60.51 1.91 0.00	58.99 1.71 0.00	77.90 1.92 0.00	63.77 1.68 0.00	52.01 1.33 0.00	47.63 1.29 0.00
PATTRSNVILLE___SOLAR 323815	63.31 1.92 0.00	59.35 1.72 0.00	44.18 1.26 0.00	45.11 1.28 0.00	43.56 1.24 0.00	44.50 1.30 0.00	44.35 1.37 0.00	43.74 1.43 0.00	41.73 1.44 0.00	44.89 1.55 0.00	53.00 1.76 0.00	54.04 1.87 0.00	56.36 2.04 0.00	45.25 1.63 0.00	60.18 2.05 0.00	69.55 2.44 0.00	75.31 2.65 0.00	71.70 2.43 0.00	60.68 2.08 0.00	59.21 1.93 0.00	78.45 2.47 0.00	64.08 1.99 0.00	52.14 1.45 0.00	47.68 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	58.92 -2.46 0.00	55.43 -2.20 0.00	41.13 -1.79 0.00	41.98 -1.84 0.00	40.49 -1.84 0.00	41.14 -2.07 0.00	41.04 -1.95 0.00	40.12 -2.19 0.00	38.00 -2.30 0.00	41.21 -2.13 0.00	48.30 -2.90 0.05	44.26 -2.74 5.17	47.05 -2.96 4.30	40.33 -2.76 0.52	54.04 -4.09 0.00	55.18 -4.88 7.05	50.73 -5.29 16.63	51.72 -4.37 13.17	43.04 -4.09 11.47	53.87 -3.25 0.16	72.45 -3.53 0.00	59.35 -2.73 0.00	49.12 -1.57 0.00	45.02 -1.33 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	64.52 3.14 0.00	60.45 2.82 0.00	45.05 2.13 0.00	45.99 2.16 0.00	44.49 2.17 0.00	45.50 2.29 0.00	45.39 2.41 0.00	44.94 2.63 0.00	43.00 2.71 0.00	46.29 2.95 0.00	54.77 3.52 0.00	55.86 3.69 0.00	58.25 3.93 0.00	46.82 3.21 0.00	61.84 3.71 0.00	71.33 4.22 0.00	77.21 4.55 0.00	73.38 4.12 0.00	62.28 3.68 0.00	60.65 3.37 0.00	80.17 4.19 0.00	65.51 3.42 0.00	53.19 2.50 0.00	48.46 2.11 0.00
PEEKSKILL___ 23653	63.58 2.20 0.00	59.63 2.00 0.00	44.44 1.52 0.00	45.36 1.53 0.00	43.88 1.56 0.00	44.87 1.66 0.00	44.76 1.78 0.00	44.31 2.00 0.00	42.39 2.09 0.00	45.61 2.27 0.00	53.96 2.72 0.00	55.00 2.83 0.00	57.34 3.03 0.00	46.11 2.49 0.00	60.90 2.77 0.00	70.22 3.11 0.00	75.98 3.32 0.00	72.13 2.86 0.00	61.27 2.66 0.00	59.67 2.39 0.00	78.93 2.96 0.00	64.57 2.48 0.00	52.45 1.77 0.00	47.80 1.46 0.00
PGE MADISON___WINDPWR 24146	63.09 1.71 0.00	58.77 1.14 0.00	43.78 0.86 0.00	44.87 1.04 0.00	43.09 0.77 0.00	43.76 0.55 0.00	43.14 0.16 0.00	42.42 0.11 0.00	40.61 0.31 0.00	43.75 0.41 0.00	51.69 0.43 -0.02	54.72 0.84 -1.71	56.60 0.87 -1.42	44.30 0.51 -0.17	58.63 0.51 0.00	70.63 1.20 -2.33	80.35 2.21 -5.48	76.33 2.72 -4.34	64.57 2.19 -3.78	60.54 3.21 -0.05	78.97 2.99 0.00	63.65 1.56 0.00	51.50 0.82 0.00	47.20 0.85 0.00

PIERCEFIELD___HYD 23852	62.27 0.88 0.00	58.62 0.99 0.00	43.51 0.59 0.00	44.28 0.45 0.00	42.67 0.35 0.00	43.32 0.11 0.00	42.95 -0.04 0.00	42.26 -0.04 0.00	40.18 -0.12 0.00	43.14 -0.20 0.00	51.37 0.13 0.00	52.06 -0.11 0.00	54.20 -0.11 0.00	43.57 -0.04 0.00	58.51 0.39 0.00	67.36 0.25 0.00	72.54 -0.12 0.00	69.02 -0.25 0.00	57.91 -0.69 0.00	56.66 -0.62 0.00	75.71 -0.27 0.00	62.15 0.07 0.00	51.13 0.44 0.00	46.71 0.36 0.00
PINELAWN_CC_1 323563	65.16 3.77 0.00	61.02 3.39 0.00	45.44 2.52 0.00	46.22 2.39 0.00	44.70 2.37 0.00	45.68 2.47 0.00	45.52 2.54 0.00	45.05 2.74 0.00	43.20 2.90 0.00	46.54 3.20 0.00	55.48 4.23 0.00	56.64 4.47 0.00	58.88 4.57 0.00	47.03 3.41 0.00	62.58 3.71 -0.75	72.62 4.40 -1.11	78.99 5.04 -1.30	73.67 4.41 0.00	62.52 3.91 0.00	60.73 3.45 0.00	80.44 4.46 0.00	65.78 3.69 0.00	53.31 2.62 0.00	48.60 2.26 0.00
PJM_GEN_HTTP_PROXY 323702	65.30 2.73 -1.18	60.11 2.48 0.00	44.63 1.85 0.15	45.79 1.96 0.00	44.34 2.01 0.00	45.30 2.09 0.00	45.18 2.20 0.00	44.78 2.47 0.00	42.85 2.55 0.00	46.00 2.66 0.00	54.46 3.22 0.00	55.55 3.38 0.00	57.93 3.62 0.00	46.59 2.98 0.00	61.47 3.34 0.00	70.88 3.77 0.00	76.64 3.98 0.00	72.74 3.48 0.00	61.84 3.24 0.00	60.22 2.93 0.00	79.60 3.62 0.00	65.14 3.05 0.00	52.86 2.18 0.00	48.15 1.80 0.00
PJM_GEN_KEystone 24065	61.79 -0.77 -1.18	28.71 -0.74 28.18	30.05 -0.60 12.26	32.46 -0.62 10.74	30.49 -0.56 11.27	32.37 -0.63 10.21	31.75 -0.55 10.68	41.85 -0.46 0.00	35.56 -0.39 4.34	43.06 -0.28 0.00	49.94 -0.41 0.90	46.25 -0.32 5.60	52.96 -0.29 1.06	43.17 -0.36 0.09	22.19 -1.07 34.86	42.55 -1.28 23.28	50.03 -1.43 21.21	63.64 -1.29 4.34	54.22 -1.08 3.30	56.37 -0.89 0.03	74.97 -1.01 0.00	61.38 -0.71 0.00	50.18 -0.51 0.00	45.82 -0.53 0.00
PJM_GEN_NEPTUNE_PROXY 323594	65.67 3.10 -1.18	60.42 2.79 0.00	44.85 2.08 0.15	45.81 1.98 0.00	44.32 2.00 0.00	45.30 2.09 0.00	45.15 2.17 0.00	44.68 2.38 0.00	42.83 2.53 0.00	46.13 2.79 0.00	54.89 3.64 0.00	55.99 3.82 0.00	58.18 3.87 0.00	46.55 2.93 0.00	61.23 3.10 0.00	70.77 3.66 0.00	76.82 4.16 -0.01	72.86 3.60 0.00	61.84 3.24 0.00	60.13 2.85 0.00	79.60 3.62 0.00	65.11 3.02 0.00	52.80 2.12 0.00	48.18 1.83 0.00
PJM_GEN_VFT_PROXY 323633	65.16 2.59 -1.18	59.93 2.31 0.00	44.50 1.72 0.15	45.64 1.81 0.00	44.18 1.86 0.00	45.16 1.95 0.00	45.04 2.06 0.00	44.65 2.34 0.00	42.75 2.45 0.00	45.89 2.55 0.00	54.33 3.09 0.00	55.41 3.23 0.00	57.80 3.49 0.00	46.51 2.89 0.00	61.35 3.22 0.00	70.75 3.64 0.00	76.49 3.83 0.00	72.58 3.32 0.00	61.70 3.10 0.00	60.07 2.79 0.00	79.42 3.44 0.00	64.99 2.91 0.00	52.74 2.05 0.00	48.03 1.69 0.00
PLATSBURG_115KV_PMLD1 355749	63.38 2.00 0.00	59.36 1.73 0.00	44.21 1.28 0.00	45.21 1.38 0.00	43.61 1.29 0.00	44.40 1.19 0.00	43.79 0.80 0.00	42.93 0.61 0.00	40.77 0.47 0.00	43.75 0.41 0.00	52.03 0.78 0.00	52.65 0.49 0.00	54.61 0.30 0.00	43.89 0.28 0.00	58.91 0.78 0.00	68.01 0.90 0.00	73.49 0.83 0.00	70.07 0.80 0.00	58.99 0.39 0.00	57.62 0.34 0.00	76.77 0.79 0.00	62.87 0.78 0.00	51.44 0.75 0.00	46.89 0.54 0.00
PLEASANTVLY___LBMP 24000	63.59 2.21 0.00	59.61 1.98 0.00	44.46 1.53 0.00	45.40 1.57 0.00	43.92 1.60 0.00	44.90 1.69 0.00	44.77 1.79 0.00	44.30 1.99 0.00	42.37 2.08 0.00	45.57 2.23 0.00	53.87 2.63 0.00	54.92 2.75 0.00	57.24 2.93 0.00	46.00 2.39 0.00	60.77 2.64 0.00	70.07 2.96 0.00	75.80 3.15 0.00	72.01 2.75 0.00	61.15 2.55 0.00	59.57 2.29 0.00	78.78 2.80 0.00	64.43 2.35 0.00	52.39 1.70 0.00	47.79 1.45 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	64.01 2.62 0.00	60.00 2.37 0.00	44.71 1.79 0.00	45.70 1.87 0.00	44.22 1.90 0.00	45.17 1.96 0.00	45.05 2.07 0.00	44.60 2.29 0.00	42.69 2.39 0.00	45.89 2.55 0.00	54.30 3.06 0.00	55.37 3.20 0.00	57.73 3.42 0.00	46.41 2.79 0.00	61.27 3.14 0.00	70.65 3.54 0.00	76.43 3.77 0.00	72.59 3.33 0.00	61.64 3.04 0.00	60.05 2.77 0.00	79.41 3.43 0.00	64.96 2.87 0.00	52.75 2.06 0.00	48.08 1.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.01 2.62 0.00	60.00 2.37 0.00	44.71 1.79 0.00	45.70 1.87 0.00	44.22 1.90 0.00	45.17 1.96 0.00	45.05 2.07 0.00	44.60 2.29 0.00	42.69 2.39 0.00	45.89 2.55 0.00	54.30 3.06 0.00	55.37 3.20 0.00	57.73 3.42 0.00	46.41 2.79 0.00	61.27 3.14 0.00	70.65 3.54 0.00	76.43 3.77 0.00	72.59 3.33 0.00	61.64 3.04 0.00	60.05 2.77 0.00	79.41 3.43 0.00	64.96 2.87 0.00	52.75 2.06 0.00	48.08 1.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	64.14 2.75 0.00	60.11 2.48 0.00	44.81 1.89 0.00	45.75 1.92 0.00	44.26 1.94 0.00	45.25 2.04 0.00	45.15 2.17 0.00	44.68 2.37 0.00	42.75 2.45 0.00	46.01 2.67 0.00	54.40 3.16 0.00	55.46 3.29 0.00	57.82 3.51 0.00	46.49 2.88 0.00	61.41 3.29 0.00	70.83 3.72 0.00	76.66 4.01 0.00	72.89 3.63 0.00	61.86 3.25 0.00	60.22 2.94 0.00	79.62 3.64 0.00	65.08 2.99 0.00	52.87 2.18 0.00	48.20 1.86 0.00
POLETTI_____ 23519	63.44 2.05 0.00	59.49 1.87 0.00	44.33 1.41 0.00	45.58 1.75 0.00	44.26 1.94 0.00	45.05 1.84 0.00	44.99 2.01 0.00	44.62 2.31 0.00	42.65 2.36 0.00	45.50 2.15 0.00	53.95 2.70 0.00	55.03 2.86 0.00	57.40 3.09 0.00	46.42 2.81 0.00	60.68 2.55 0.00	69.89 2.78 0.00	75.47 2.82 0.01	71.67 2.42 0.01	61.31 2.71 0.00	59.56 2.27 0.00	78.65 2.67 0.00	64.44 2.36 0.00	52.41 1.72 0.00	47.82 1.48 0.00
POMONA___ESR 323819	63.62 2.24 0.00	59.62 1.99 0.00	44.43 1.51 0.00	45.34 1.52 0.00	43.86 1.53 0.00	44.85 1.64 0.00	44.75 1.77 0.00	44.29 1.98 0.00	42.38 2.08 0.00	45.61 2.27 0.00	53.96 2.72 0.00	54.99 2.81 0.00	57.34 3.02 0.00	46.11 2.50 0.00	60.93 2.80 0.00	70.24 3.12 0.00	76.01 3.35 0.00	72.16 2.90 0.00	61.28 2.68 0.00	59.68 2.40 0.00	78.97 3.00 0.00	64.58 2.49 0.00	52.47 1.78 0.00	47.80 1.46 0.00
PORT_JEFF_3 23555	65.30 3.91 0.00	61.13 3.50 0.00	45.54 2.62 0.00	46.28 2.45 0.00	44.73 2.40 0.00	45.64 2.43 0.00	45.37 2.39 0.00	44.82 2.51 0.00	43.00 2.70 0.00	46.39 3.05 0.00	55.53 4.28 0.00	56.71 4.53 0.00	58.94 4.63 0.00	46.96 3.34 0.00	65.77 3.34 -4.30	77.64 4.13 -6.40	84.93 4.84 -7.44	73.34 4.08 0.00	62.21 3.61 0.00	60.40 3.12 0.00	80.00 4.02 -0.01	65.49 3.40 -0.01	53.04 2.35 0.00	48.40 2.06 0.00
PORT_JEFF_4 23616	65.30 3.91 0.00	61.13 3.50 0.00	45.54 2.62 0.00	46.28 2.45 0.00	44.73 2.40 0.00	45.64 2.43 0.00	45.37 2.39 0.00	44.82 2.51 0.00	43.00 2.70 0.00	46.39 3.05 0.00	55.53 4.28 0.00	56.71 4.53 0.00	58.94 4.63 0.00	46.96 3.34 0.00	65.77 3.34 -4.30	77.64 4.13 -6.40	84.93 4.84 -7.44	73.34 4.08 0.00	62.21 3.61 0.00	60.40 3.12 0.00	80.00 4.02 -0.01	65.49 3.40 -0.01	53.04 2.35 0.00	48.40 2.06 0.00

PORT_JEFF_IC 23713	65.40 4.01 0.00	61.23 3.60 0.00	45.60 2.68 0.00	46.34 2.52 0.00	44.79 2.47 0.00	45.71 2.50 0.00	45.46 2.48 0.00	44.90 2.59 0.00	43.08 2.79 0.00	46.48 3.14 0.00	55.63 4.38 0.00	56.81 4.64 0.00	59.06 4.75 0.00	47.08 3.46 0.00	65.12 3.46 -3.54	76.67 4.30 -5.26	83.82 5.05 -6.12	73.57 4.31 0.00	62.40 3.80 0.00	60.58 3.30 0.00	80.22 4.24 -0.01	65.64 3.55 -0.01	53.15 2.46 0.00	48.48 2.14 0.00
PPL PILGRIM_ST_GT1 24216	65.42 4.04 0.00	61.34 3.71 0.00	45.69 2.76 0.00	46.46 2.63 0.00	44.90 2.58 0.00	45.87 2.66 0.00	45.73 2.75 0.00	45.23 2.92 0.00	43.36 3.06 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.04 4.87 0.00	59.24 4.93 0.00	47.29 3.67 0.00	65.96 4.07 -3.76	77.56 4.84 -5.60	84.75 5.59 -6.51	73.96 4.69 0.00	62.74 4.14 0.00	60.94 3.66 0.00	80.79 4.81 -0.01	65.99 3.90 -0.01	53.45 2.76 0.00	48.75 2.41 0.00
PPL PILGRIM_ST_GT2 24217	65.42 4.04 0.00	61.34 3.71 0.00	45.69 2.76 0.00	46.46 2.63 0.00	44.90 2.58 0.00	45.87 2.66 0.00	45.73 2.75 0.00	45.23 2.92 0.00	43.36 3.06 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.04 4.87 0.00	59.24 4.93 0.00	47.29 3.67 0.00	65.96 4.07 -3.76	77.56 4.84 -5.60	84.75 5.59 -6.51	73.96 4.69 0.00	62.74 4.14 0.00	60.94 3.66 0.00	80.79 4.81 -0.01	65.99 3.90 -0.01	53.45 2.76 0.00	48.75 2.41 0.00
PPL_SHRM_GT3 24213	66.08 4.69 0.00	61.83 4.20 0.00	46.05 3.13 0.00	46.76 2.93 0.00	45.20 2.88 0.00	46.11 2.90 0.00	45.82 2.84 0.00	45.22 2.91 0.00	43.37 3.08 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.05 4.88 0.00	59.35 5.04 0.00	47.32 3.70 0.00	65.63 3.40 -4.10	77.85 4.64 -6.09	85.22 5.48 -7.08	74.04 4.77 0.00	62.76 4.16 0.00	60.93 3.65 0.00	80.72 4.74 -0.01	65.96 3.87 -0.01	53.37 2.68 0.00	48.65 2.30 0.00
PPL_SHRM_GT4 24214	66.08 4.69 0.00	61.83 4.20 0.00	46.05 3.13 0.00	46.76 2.93 0.00	45.20 2.88 0.00	46.11 2.90 0.00	45.82 2.84 0.00	45.22 2.91 0.00	43.37 3.08 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.05 4.88 0.00	59.35 5.04 0.00	47.32 3.70 0.00	65.63 3.40 -4.10	77.85 4.64 -6.09	85.22 5.48 -7.08	74.04 4.77 0.00	62.76 4.16 0.00	60.93 3.65 0.00	80.72 4.74 -0.01	65.96 3.87 -0.01	53.37 2.68 0.00	48.65 2.30 0.00
PROJECT___ORANGE 1 24174	60.31 -1.08 0.00	56.72 -0.91 0.00	42.19 -0.73 0.00	43.06 -0.77 0.00	41.61 -0.71 0.00	42.49 -0.72 0.00	42.27 -0.71 0.00	41.53 -0.78 0.00	39.48 -0.82 0.00	42.49 -0.85 0.00	50.18 -1.07 0.00	51.16 -1.01 0.00	53.27 -1.04 0.00	42.73 -0.89 0.00	56.69 -1.43 0.00	65.50 -1.61 0.00	70.98 -1.67 0.00	67.81 -1.45 0.00	57.29 -1.31 0.00	56.11 -1.17 0.00	74.42 -1.56 0.00	60.72 -1.36 0.00	49.56 -1.12 0.00	45.31 -1.03 0.00
PROJECT___ORANGE 2 24166	60.31 -1.08 0.00	56.72 -0.91 0.00	42.19 -0.73 0.00	43.06 -0.77 0.00	41.61 -0.71 0.00	42.49 -0.72 0.00	42.27 -0.71 0.00	41.53 -0.78 0.00	39.48 -0.82 0.00	42.49 -0.85 0.00	50.18 -1.07 0.00	51.16 -1.01 0.00	53.27 -1.04 0.00	42.73 -0.89 0.00	56.69 -1.43 0.00	65.50 -1.61 0.00	70.98 -1.67 0.00	67.81 -1.45 0.00	57.29 -1.31 0.00	56.11 -1.17 0.00	74.42 -1.56 0.00	60.72 -1.36 0.00	49.56 -1.12 0.00	45.31 -1.03 0.00
PUCKETT___SOLAR 323809	60.98 -0.40 0.00	57.22 -0.41 0.00	42.51 -0.41 0.00	43.40 -0.43 0.00	41.91 -0.42 0.00	42.73 -0.47 0.00	42.54 -0.44 0.00	41.89 -0.43 0.00	39.95 -0.34 0.00	43.05 -0.30 0.00	50.84 -0.41 -0.01	53.24 -0.17 -1.24	55.23 -0.11 -1.03	43.49 -0.25 -0.12	57.37 -0.76 0.00	68.06 -0.73 -1.69	76.16 -0.46 -3.97	72.24 -0.17 -3.15	61.05 -0.29 -2.74	57.35 0.03 -0.04	75.92 -0.06 0.00	61.71 -0.37 0.00	50.28 -0.41 0.00	46.00 -0.35 0.00
PYRITES___HYD 24023	63.23 1.84 0.00	59.51 1.89 0.00	44.18 1.27 0.00	45.02 1.20 0.00	43.41 1.08 0.00	44.11 0.90 0.00	43.78 0.80 0.00	43.14 0.82 0.00	41.00 0.70 0.00	44.01 0.67 0.00	52.32 1.08 0.00	52.95 0.78 0.00	55.15 0.84 0.00	44.36 0.74 0.00	59.67 1.54 0.00	68.79 1.68 0.00	74.26 1.61 0.00	70.77 1.50 0.00	59.45 0.85 0.00	58.14 0.85 0.00	77.58 1.61 0.00	63.53 1.44 0.00	52.15 1.46 0.00	47.65 1.31 0.00
QUAKERRD_115KV_BK1 80622	58.66 -2.73 0.00	55.14 -2.49 0.00	41.02 -1.91 0.00	41.91 -1.92 0.00	40.48 -1.84 0.00	41.30 -1.91 0.00	41.16 -1.83 0.00	40.36 -1.95 0.00	38.31 -1.99 0.00	41.38 -1.96 0.00	48.72 -2.52 0.01	48.71 -2.52 0.95	50.83 -2.70 0.79	41.17 -2.35 0.09	54.85 -3.28 0.00	61.96 -3.86 1.29	65.57 -4.05 3.04	63.41 -3.45 2.41	53.34 -3.16 2.10	54.50 -2.75 0.03	72.65 -3.33 0.00	59.34 -2.74 0.00	48.72 -1.96 0.00	44.61 -1.74 0.00
QUENSBRY_115KV_TB8 356137	66.40 5.01 0.00	61.99 4.36 0.00	46.21 3.29 0.00	47.20 3.37 0.00	45.45 3.12 0.00	46.52 3.31 0.00	46.48 3.50 0.00	46.04 3.73 0.00	44.04 3.74 0.00	47.50 4.16 0.00	56.19 4.95 0.00	57.31 5.14 0.00	59.71 5.40 0.00	47.90 4.29 0.00	63.45 5.32 0.00	73.34 6.23 0.00	79.43 6.78 0.00	75.37 6.10 0.00	63.77 5.17 0.00	62.18 4.90 0.00	82.02 6.04 0.00	67.06 4.97 0.00	54.60 3.91 0.00	49.88 3.53 0.00
RAMAPO___LBMP 323565	63.30 1.92 0.00	59.35 1.72 0.00	44.23 1.31 0.00	45.13 1.31 0.00	43.66 1.34 0.00	44.64 1.44 0.00	44.54 1.56 0.00	44.08 1.77 0.00	42.17 1.88 0.00	45.39 2.05 0.00	53.67 2.43 0.00	54.69 2.52 0.00	57.03 2.72 0.00	45.88 2.26 0.00	60.61 2.48 0.00	69.89 2.78 0.00	75.62 2.96 0.00	71.78 2.52 0.00	60.95 2.35 0.00	59.36 2.08 0.00	78.56 2.58 0.00	64.26 2.18 0.00	52.21 1.52 0.00	47.58 1.23 0.00
RANKINE___ 23646	58.67 -2.71 0.00	55.22 -2.41 0.00	40.96 -1.96 0.00	41.77 -2.06 0.00	40.25 -2.07 0.00	40.92 -2.29 0.00	40.81 -2.17 0.00	39.88 -2.43 0.00	37.72 -2.57 0.00	40.94 -2.40 0.00	47.91 -3.28 0.05	42.97 -3.15 6.05	45.89 -3.39 5.03	39.93 -3.08 0.61	53.67 -4.46 0.00	53.47 -5.39 8.25	47.35 -5.85 19.45	48.98 -4.88 15.41	40.63 -4.55 13.42	53.39 -3.71 0.18	71.93 -4.05 0.00	58.94 -3.15 0.00	48.85 -1.84 0.00	44.81 -1.53 0.00
RAVENSWOOD_GT2_1 24244	64.20 2.81 0.00	60.16 2.53 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.36 2.03 0.00	45.32 2.11 0.00	45.19 2.21 0.00	44.79 2.48 0.00	42.87 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.81 3.55 0.00	61.92 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00
RAVENSWOOD_GT2_2 24245	64.20 2.81 0.00	60.16 2.53 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.36 2.03 0.00	45.32 2.11 0.00	45.19 2.21 0.00	44.79 2.48 0.00	42.87 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.81 3.55 0.00	61.92 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00

RAVENSWOOD_GT2_3 24246	64.22 2.84 0.00	60.20 2.57 0.00	44.82 1.90 0.00	45.83 2.00 0.00	44.37 2.05 0.00	45.33 2.12 0.00	45.22 2.24 0.00	44.81 2.50 0.00	42.89 2.59 0.00	46.06 2.72 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.02 3.71 0.00	46.66 3.05 0.00	61.53 3.41 0.00	70.97 3.86 0.00	76.74 4.09 0.00	72.85 3.59 0.00	61.94 3.34 0.00	60.31 3.02 0.00	79.71 3.73 0.00	65.23 3.15 0.00	52.94 2.25 0.00	48.21 1.87 0.00
RAVENSWOOD_GT2_4 24247	64.22 2.84 0.00	60.20 2.57 0.00	44.82 1.90 0.00	45.83 2.00 0.00	44.37 2.05 0.00	45.33 2.12 0.00	45.22 2.24 0.00	44.81 2.50 0.00	42.89 2.59 0.00	46.06 2.72 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.02 3.71 0.00	46.66 3.05 0.00	61.53 3.41 0.00	70.97 3.86 0.00	76.74 4.09 0.00	72.85 3.59 0.00	61.94 3.34 0.00	60.31 3.02 0.00	79.71 3.73 0.00	65.23 3.15 0.00	52.94 2.25 0.00	48.21 1.87 0.00
RAVENSWOOD_GT3_1 24248	64.20 2.81 0.00	60.16 2.53 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.36 2.03 0.00	45.32 2.11 0.00	45.20 2.22 0.00	44.79 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.82 3.56 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00
RAVENSWOOD_GT3_2 24249	64.20 2.81 0.00	60.16 2.53 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.36 2.03 0.00	45.32 2.11 0.00	45.20 2.22 0.00	44.79 2.48 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.53 3.40 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.82 3.56 0.00	61.92 3.32 0.00	60.29 3.01 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00
RAVENSWOOD_GT3_3 24250	64.28 2.90 0.00	60.26 2.63 0.00	44.86 1.94 0.00	45.87 2.04 0.00	44.41 2.09 0.00	45.37 2.16 0.00	45.26 2.28 0.00	44.85 2.55 0.00	42.93 2.64 0.00	46.11 2.77 0.00	54.60 3.36 0.00	55.69 3.52 0.00	58.08 3.77 0.00	46.71 3.10 0.00	61.60 3.47 0.00	71.05 3.94 0.00	76.83 4.17 0.00	72.93 3.67 0.00	62.02 3.42 0.00	60.38 3.10 0.00	79.80 3.83 0.00	65.29 3.21 0.00	52.99 2.30 0.00	48.27 1.92 0.00
RAVENSWOOD_GT3_4 24251	64.28 2.90 0.00	60.26 2.63 0.00	44.86 1.94 0.00	45.87 2.04 0.00	44.41 2.09 0.00	45.37 2.16 0.00	45.26 2.28 0.00	44.85 2.55 0.00	42.93 2.64 0.00	46.11 2.77 0.00	54.60 3.36 0.00	55.69 3.52 0.00	58.08 3.77 0.00	46.71 3.10 0.00	61.60 3.47 0.00	71.05 3.94 0.00	76.83 4.17 0.00	72.93 3.67 0.00	62.02 3.42 0.00	60.38 3.10 0.00	79.80 3.83 0.00	65.29 3.21 0.00	52.99 2.30 0.00	48.27 1.92 0.00
RAVENSWOOD_GT_1 23729	64.38 3.00 0.00	60.34 2.72 0.00	44.93 2.01 0.00	45.97 2.14 0.00	44.50 2.17 0.00	45.44 2.23 0.00	45.33 2.35 0.00	44.93 2.63 0.00	43.00 2.71 0.00	46.17 2.84 0.00	54.70 3.45 0.00	55.80 3.63 0.00	58.21 3.90 0.00	46.81 3.19 0.00	61.65 3.52 0.00	71.19 4.08 0.00	76.93 4.28 0.00	73.01 3.75 0.00	62.15 3.55 0.00	60.46 3.18 0.00	79.89 3.91 0.00	65.38 3.30 0.00	53.06 2.38 0.00	48.30 1.96 0.00
RAVENSWOOD_GT_10 24258	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.35 2.03 0.00	45.32 2.11 0.00	45.19 2.21 0.00	44.79 2.48 0.00	42.87 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.52 3.39 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.81 3.55 0.00	61.91 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00
RAVENSWOOD_GT_11 24259	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.35 2.03 0.00	45.32 2.11 0.00	45.19 2.21 0.00	44.79 2.48 0.00	42.87 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.52 3.39 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.81 3.55 0.00	61.91 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00
RAVENSWOOD_GT_4 24252	64.22 2.83 0.00	60.18 2.55 0.00	44.82 1.90 0.00	45.84 2.01 0.00	44.39 2.06 0.00	45.33 2.12 0.00	45.21 2.23 0.00	44.81 2.50 0.00	42.89 2.60 0.00	46.05 2.71 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.02 3.71 0.00	46.67 3.05 0.00	61.52 3.39 0.00	70.97 3.86 0.00	76.74 4.08 0.00	72.83 3.57 0.00	61.96 3.36 0.00	60.31 3.02 0.00	79.69 3.72 0.00	65.22 3.13 0.00	52.94 2.25 0.00	48.21 1.87 0.00
RAVENSWOOD_GT_5 24254	64.22 2.83 0.00	60.18 2.55 0.00	44.82 1.90 0.00	45.84 2.01 0.00	44.39 2.06 0.00	45.33 2.12 0.00	45.21 2.23 0.00	44.81 2.50 0.00	42.89 2.60 0.00	46.05 2.71 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.02 3.71 0.00	46.67 3.05 0.00	61.52 3.39 0.00	70.97 3.86 0.00	76.74 4.08 0.00	72.83 3.57 0.00	61.96 3.36 0.00	60.31 3.02 0.00	79.69 3.72 0.00	65.22 3.13 0.00	52.94 2.25 0.00	48.21 1.87 0.00
RAVENSWOOD_GT_6 24253	64.22 2.83 0.00	60.18 2.55 0.00	44.82 1.90 0.00	45.84 2.01 0.00	44.39 2.06 0.00	45.33 2.12 0.00	45.21 2.23 0.00	44.81 2.50 0.00	42.89 2.60 0.00	46.05 2.71 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.02 3.71 0.00	46.67 3.05 0.00	61.52 3.39 0.00	70.97 3.86 0.00	76.74 4.08 0.00	72.83 3.57 0.00	61.96 3.36 0.00	60.31 3.02 0.00	79.69 3.72 0.00	65.22 3.13 0.00	52.94 2.25 0.00	48.21 1.87 0.00
RAVENSWOOD_GT_7 24255	64.22 2.83 0.00	60.18 2.55 0.00	44.82 1.90 0.00	45.84 2.01 0.00	44.39 2.06 0.00	45.33 2.12 0.00	45.21 2.23 0.00	44.81 2.50 0.00	42.89 2.60 0.00	46.05 2.71 0.00	54.54 3.30 0.00	55.63 3.46 0.00	58.02 3.71 0.00	46.67 3.05 0.00	61.52 3.39 0.00	70.97 3.86 0.00	76.74 4.08 0.00	72.83 3.57 0.00	61.96 3.36 0.00	60.31 3.02 0.00	79.69 3.72 0.00	65.22 3.13 0.00	52.94 2.25 0.00	48.21 1.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.35 2.03 0.00	45.32 2.11 0.00	45.19 2.21 0.00	44.79 2.48 0.00	42.87 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.52 3.39 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.81 3.55 0.00	61.91 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00
RAVENSWOOD_GT_9 24257	64.20 2.81 0.00	60.15 2.52 0.00	44.80 1.88 0.00	45.81 1.98 0.00	44.35 2.03 0.00	45.32 2.11 0.00	45.19 2.21 0.00	44.79 2.48 0.00	42.87 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.65 3.03 0.00	61.52 3.39 0.00	70.95 3.84 0.00	76.71 4.06 0.00	72.81 3.55 0.00	61.91 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.12 0.00	52.92 2.23 0.00	48.19 1.85 0.00

RAVENSWOOD___1 23533	64.27 2.89 0.00	60.25 2.62 0.00	44.86 1.94 0.00	45.88 2.05 0.00	44.44 2.12 0.00	45.37 2.16 0.00	45.26 2.28 0.00	44.88 2.57 0.00	42.94 2.64 0.00	46.10 2.76 0.00	54.60 3.36 0.00	55.69 3.52 0.00	58.10 3.79 0.00	46.72 3.11 0.00	61.55 3.42 0.00	71.06 3.95 0.00	76.79 4.13 0.00	72.89 3.63 0.00	62.04 3.44 0.00	60.34 3.06 0.00	79.76 3.78 0.00	65.27 3.19 0.00	52.97 2.29 0.00	48.23 1.89 0.00
RAVENSWOOD___2 23534	64.27 2.89 0.00	60.25 2.62 0.00	44.86 1.94 0.00	45.88 2.05 0.00	44.44 2.12 0.00	45.37 2.16 0.00	45.26 2.28 0.00	44.88 2.57 0.00	42.94 2.64 0.00	46.10 2.76 0.00	54.60 3.36 0.00	55.69 3.52 0.00	58.10 3.79 0.00	46.72 3.11 0.00	61.55 3.42 0.00	71.06 3.95 0.00	76.79 4.13 0.00	72.89 3.63 0.00	62.04 3.44 0.00	60.34 3.06 0.00	79.76 3.78 0.00	65.27 3.19 0.00	52.97 2.29 0.00	48.23 1.89 0.00
RAVENSWOOD___3 23535	64.20 2.82 0.00	60.16 2.53 0.00	44.80 1.89 0.00	45.81 1.98 0.00	44.36 2.03 0.00	45.31 2.11 0.00	45.19 2.21 0.00	44.80 2.49 0.00	42.88 2.58 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.61 3.44 0.00	58.00 3.69 0.00	46.64 3.03 0.00	61.52 3.40 0.00	70.95 3.84 0.00	76.71 4.05 0.00	72.80 3.54 0.00	61.92 3.32 0.00	60.28 3.00 0.00	79.68 3.70 0.00	65.20 3.11 0.00	52.92 2.24 0.00	48.19 1.85 0.00
RAVENSWOOD___4 23820	64.27 2.89 0.00	60.25 2.62 0.00	44.86 1.94 0.00	45.88 2.05 0.00	44.44 2.12 0.00	45.37 2.16 0.00	45.26 2.28 0.00	44.88 2.57 0.00	42.94 2.64 0.00	46.10 2.76 0.00	54.60 3.36 0.00	55.69 3.52 0.00	58.10 3.79 0.00	46.72 3.11 0.00	61.55 3.42 0.00	71.06 3.95 0.00	76.79 4.13 0.00	72.89 3.63 0.00	62.04 3.44 0.00	60.34 3.06 0.00	79.76 3.78 0.00	65.27 3.19 0.00	52.97 2.29 0.00	48.23 1.89 0.00
RCPL_TRUST___DRP 24196	64.17 2.79 0.00	60.15 2.52 0.00	44.81 1.89 0.00	45.83 2.00 0.00	44.37 2.04 0.00	45.33 2.13 0.00	45.22 2.24 0.00	44.82 2.51 0.00	42.89 2.59 0.00	46.04 2.70 0.00	54.52 3.28 0.00	55.60 3.43 0.00	58.00 3.69 0.00	46.64 3.03 0.00	61.53 3.40 0.00	70.96 3.85 0.00	76.72 4.07 0.00	72.81 3.55 0.00	61.90 3.31 0.00	60.27 2.99 0.00	79.67 3.69 0.00	65.20 3.12 0.00	52.91 2.23 0.00	48.19 1.85 0.00
RED___ROCHESTER 323720	60.18 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.37 -0.94 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.97 -1.20 0.00	52.93 -1.38 0.00	42.30 -1.32 0.00	56.28 -1.85 0.00	64.87 -2.24 0.00	70.45 -2.21 0.00	67.67 -1.60 0.00	56.97 -1.62 0.00	56.07 -1.21 0.00	74.78 -1.19 0.00	61.04 -1.05 0.00	50.18 -0.51 0.00	45.93 -0.42 0.00
REGAN___SOLAR 323812	63.96 2.57 0.00	59.92 2.30 0.00	44.54 1.62 0.00	45.46 1.63 0.00	43.89 1.56 0.00	44.85 1.64 0.00	44.70 1.72 0.00	44.08 1.78 0.00	42.12 1.82 0.00	45.29 1.95 0.00	53.55 2.30 0.00	54.64 2.47 0.00	57.04 2.73 0.00	45.78 2.16 0.00	60.95 2.82 0.00	70.56 3.45 0.00	76.48 3.82 0.00	72.89 3.63 0.00	61.62 3.02 0.00	60.09 2.81 0.00	79.66 3.69 0.00	64.96 2.88 0.00	52.70 2.01 0.00	48.14 1.80 0.00
RENSSELAER___COGEN 23796	62.68 1.29 0.00	58.80 1.17 0.00	43.99 1.07 0.00	44.89 1.07 0.00	43.41 1.08 0.00	44.35 1.14 0.00	44.19 1.21 0.00	43.58 1.27 0.00	41.65 1.35 0.00	44.80 1.46 0.00	52.94 1.70 0.00	53.91 1.74 0.00	56.13 1.82 0.00	45.12 1.50 0.00	59.74 1.62 0.00	68.84 1.73 0.00	74.46 1.80 0.00	70.77 1.50 0.00	60.07 1.47 0.00	58.59 1.32 0.00	77.42 1.45 0.00	63.38 1.29 0.00	51.70 1.02 0.00	47.35 1.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	69.97 8.58 0.00	65.16 7.54 0.00	48.64 5.72 0.00	49.73 5.91 0.00	47.77 5.45 0.00	48.52 5.31 0.00	48.52 5.54 0.00	48.25 5.94 0.00	46.32 6.02 0.00	49.96 6.61 0.00	59.17 7.93 0.00	60.27 8.10 0.00	62.82 8.51 0.00	50.30 6.68 0.00	66.64 8.51 0.00	77.25 10.14 0.00	83.83 11.17 0.00	79.52 10.26 0.00	67.20 8.60 0.00	65.57 8.29 0.00	86.24 10.26 0.00	70.20 8.12 0.00	57.26 6.58 0.00	52.14 5.80 0.00
REVERE_CPPR_DRP 24186	63.16 1.77 0.00	59.31 1.68 0.00	44.02 1.10 0.00	44.73 0.90 0.00	43.22 0.90 0.00	44.12 0.91 0.00	43.93 0.95 0.00	43.32 1.01 0.00	41.34 1.05 0.00	44.51 1.17 0.00	52.71 1.47 0.00	53.77 1.60 0.00	56.11 1.80 0.00	45.01 1.39 0.00	59.63 1.50 0.00	68.83 1.72 0.00	74.59 1.93 0.00	71.18 1.92 0.00	60.19 1.58 0.00	58.76 1.48 0.00	77.84 1.86 0.00	63.42 1.33 0.00	51.67 0.99 0.00	47.14 0.80 0.00
REYNLDPA_13_KV_LD 356490	62.35 0.96 0.00	58.51 0.88 0.00	43.53 0.61 0.00	44.49 0.66 0.00	42.90 0.57 0.00	43.75 0.54 0.00	43.43 0.45 0.00	42.73 0.42 0.00	40.62 0.32 0.00	43.60 0.26 0.00	51.74 0.49 0.00	52.51 0.34 0.00	54.60 0.29 0.00	43.87 0.26 0.00	58.93 0.80 0.00	67.96 0.85 0.00	73.58 0.92 0.00	70.21 0.95 0.00	59.25 0.65 0.00	57.99 0.71 0.00	77.16 1.19 0.00	63.07 0.98 0.00	51.65 0.96 0.00	47.19 0.85 0.00
REYNOLDS_115KV_TB3 80639	63.03 1.65 0.00	59.14 1.51 0.00	44.22 1.30 0.00	45.15 1.32 0.00	43.65 1.32 0.00	44.61 1.40 0.00	44.44 1.46 0.00	43.80 1.49 0.00	41.85 1.55 0.00	45.02 1.68 0.00	53.21 1.96 0.00	54.20 2.03 0.00	56.43 2.13 0.00	45.33 1.72 0.00	60.06 1.93 0.00	69.23 2.12 0.00	74.83 2.18 0.00	71.10 1.84 0.00	60.35 1.75 0.00	58.88 1.60 0.00	77.84 1.86 0.00	63.73 1.64 0.00	51.97 1.28 0.00	47.62 1.28 0.00
RIVERBAY____ 323610	65.46 4.08 0.00	61.46 3.83 0.00	45.76 2.84 0.00	46.92 3.09 0.00	45.42 3.09 0.00	46.29 3.08 0.00	46.24 3.26 0.00	45.79 3.48 0.00	43.81 3.52 0.00	47.03 3.69 0.00	55.74 4.50 0.00	56.80 4.63 0.00	59.25 4.94 0.00	47.66 4.05 0.00	62.66 4.53 0.00	72.35 5.24 0.00	78.19 5.54 0.00	74.31 5.05 0.00	63.36 4.76 0.00	61.61 4.33 0.00	81.33 5.36 0.00	66.61 4.52 0.00	54.07 3.39 0.00	49.20 2.86 0.00
RIVERSDE_115KV_TB3 55908	62.90 1.52 0.00	59.02 1.39 0.00	44.14 1.22 0.00	45.06 1.23 0.00	43.57 1.24 0.00	44.52 1.32 0.00	44.35 1.37 0.00	43.73 1.42 0.00	41.78 1.48 0.00	44.96 1.61 0.00	53.14 1.89 0.00	54.10 1.93 0.00	56.35 2.04 0.00	45.28 1.66 0.00	59.97 1.85 0.00	69.12 2.01 0.00	74.76 2.10 0.00	71.03 1.77 0.00	60.30 1.70 0.00	58.81 1.53 0.00	77.73 1.75 0.00	63.61 1.52 0.00	51.89 1.20 0.00	47.54 1.19 0.00
ROARING___BROOK_WT_PWR 323790	61.15 -0.24 0.00	57.14 -0.49 0.00	42.35 -0.58 0.00	43.27 -0.56 0.00	41.55 -0.78 0.00	42.38 -0.83 0.00	41.90 -1.08 0.00	41.10 -1.21 0.00	39.19 -1.10 0.00	42.13 -1.21 0.00	49.87 -1.38 0.00	50.72 -1.45 0.00	52.83 -1.48 0.00	42.48 -1.14 0.00	56.68 -1.45 0.00	65.44 -1.68 0.00	70.93 -1.72 0.00	67.83 -1.43 0.00	57.23 -1.37 0.00	56.01 -1.27 0.00	74.20 -1.78 0.00	60.59 -1.49 0.00	49.42 -1.27 0.00	45.20 -1.15 0.00

ROCHESRG_115KV_T4 355643	59.50 -1.89 0.00	55.93 -1.70 0.00	41.61 -1.32 0.00	42.51 -1.31 0.00	41.06 -1.27 0.00	41.86 -1.35 0.00	41.73 -1.25 0.00	40.89 -1.42 0.00	38.78 -1.51 0.00	41.93 -1.41 0.00	49.31 -1.93 0.01	49.23 -1.90 1.04	51.34 -2.10 0.86	41.60 -1.91 0.10	55.45 -2.67 0.00	62.48 -3.21 1.42	65.98 -3.33 3.34	63.91 -2.70 2.65	53.72 -2.58 2.31	55.17 -2.08 0.03	73.64 -2.33 0.00	60.19 -1.90 0.00	49.54 -1.15 0.00	45.36 -0.98 0.00
ROCHESTER_9_IC 23652	59.93 -1.46 0.00	56.33 -1.30 0.00	41.90 -1.03 0.00	42.80 -1.03 0.00	41.33 -0.99 0.00	42.15 -1.06 0.00	42.03 -0.95 0.00	41.20 -1.11 0.00	39.08 -1.22 0.00	42.28 -1.07 0.00	49.72 -1.52 0.00	50.69 -1.48 0.00	52.63 -1.68 0.00	42.05 -1.57 0.00	55.95 -2.18 0.00	64.50 -2.61 0.00	69.99 -2.66 0.00	67.19 -2.08 0.00	56.58 -2.02 0.00	55.72 -1.56 0.00	74.33 -1.65 0.00	60.72 -1.37 0.00	49.94 -0.75 0.00	45.72 -0.63 0.00
ROCKVIEW_13_KV_LD 356306	64.28 2.90 0.00	60.21 2.58 0.00	44.86 1.94 0.00	45.85 2.02 0.00	44.39 2.06 0.00	45.35 2.14 0.00	45.22 2.24 0.00	44.79 2.48 0.00	42.87 2.57 0.00	46.08 2.74 0.00	54.56 3.31 0.00	55.65 3.47 0.00	58.03 3.72 0.00	46.64 3.03 0.00	61.56 3.43 0.00	70.97 3.86 0.00	76.78 4.13 0.00	72.91 3.65 0.00	61.93 3.34 0.00	60.33 3.05 0.00	79.78 3.81 0.00	65.24 3.15 0.00	52.96 2.27 0.00	48.27 1.92 0.00
ROME____115KV_TB2 80656	63.16 1.77 0.00	59.31 1.68 0.00	44.02 1.10 0.00	44.73 0.90 0.00	43.22 0.90 0.00	44.12 0.91 0.00	43.93 0.95 0.00	43.32 1.01 0.00	41.34 1.05 0.00	44.51 1.17 0.00	52.71 1.47 0.00	53.77 1.60 0.00	56.11 1.80 0.00	45.01 1.39 0.00	59.63 1.50 0.00	68.83 1.72 0.00	74.59 1.93 0.00	71.18 1.92 0.00	60.19 1.58 0.00	58.76 1.48 0.00	77.84 1.86 0.00	63.42 1.33 0.00	51.67 0.99 0.00	47.14 0.80 0.00
ROSETON___1 23587	63.46 2.08 0.00	59.49 1.86 0.00	44.35 1.43 0.00	45.30 1.47 0.00	43.81 1.48 0.00	44.78 1.57 0.00	44.66 1.68 0.00	44.18 1.87 0.00	42.25 1.96 0.00	45.45 2.11 0.00	53.75 2.50 0.00	54.79 2.62 0.00	57.10 2.79 0.00	45.89 2.27 0.00	60.64 2.51 0.00	69.92 2.81 0.00	75.65 2.99 0.00	71.86 2.60 0.00	61.01 2.41 0.00	59.44 2.16 0.00	78.64 2.66 0.00	64.31 2.22 0.00	52.28 1.60 0.00	47.70 1.35 0.00
ROSETON___2 23588	63.46 2.08 0.00	59.49 1.86 0.00	44.35 1.43 0.00	45.30 1.47 0.00	43.81 1.48 0.00	44.78 1.57 0.00	44.66 1.68 0.00	44.18 1.87 0.00	42.25 1.96 0.00	45.45 2.11 0.00	53.75 2.50 0.00	54.79 2.62 0.00	57.10 2.79 0.00	45.89 2.27 0.00	60.64 2.51 0.00	69.92 2.81 0.00	75.65 2.99 0.00	71.86 2.60 0.00	61.01 2.41 0.00	59.44 2.16 0.00	78.64 2.66 0.00	64.31 2.22 0.00	52.28 1.60 0.00	47.70 1.35 0.00
ROTTRDAM_115KV_TB3 80664	63.25 1.87 0.00	59.30 1.67 0.00	44.20 1.28 0.00	45.14 1.32 0.00	43.60 1.28 0.00	44.56 1.35 0.00	44.40 1.42 0.00	43.79 1.48 0.00	41.80 1.51 0.00	45.02 1.68 0.00	53.18 1.93 0.00	54.19 2.02 0.00	56.46 2.16 0.00	45.32 1.70 0.00	60.15 2.02 0.00	69.43 2.32 0.00	75.12 2.47 0.00	71.47 2.21 0.00	60.54 1.94 0.00	59.09 1.81 0.00	78.24 2.26 0.00	63.94 1.85 0.00	52.12 1.43 0.00	47.66 1.31 0.00
RUSSELL___1 23602	60.19 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.38 -0.93 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.95 -1.22 0.00	52.92 -1.39 0.00	42.28 -1.34 0.00	56.27 -1.86 0.00	64.87 -2.25 0.00	70.42 -2.24 0.00	67.61 -1.65 0.00	56.92 -1.68 0.00	56.06 -1.22 0.00	74.79 -1.19 0.00	61.04 -1.04 0.00	50.18 -0.51 0.00	45.91 -0.44 0.00
RUSSELL___2 23532	60.19 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.38 -0.93 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.95 -1.22 0.00	52.92 -1.39 0.00	42.28 -1.34 0.00	56.27 -1.86 0.00	64.87 -2.25 0.00	70.42 -2.24 0.00	67.61 -1.65 0.00	56.92 -1.68 0.00	56.06 -1.22 0.00	74.79 -1.19 0.00	61.04 -1.04 0.00	50.18 -0.51 0.00	45.91 -0.44 0.00
RUSSELL___3 23549	60.19 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.38 -0.93 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.95 -1.22 0.00	52.92 -1.39 0.00	42.28 -1.34 0.00	56.27 -1.86 0.00	64.87 -2.25 0.00	70.42 -2.24 0.00	67.61 -1.65 0.00	56.92 -1.68 0.00	56.06 -1.22 0.00	74.79 -1.19 0.00	61.04 -1.04 0.00	50.18 -0.51 0.00	45.91 -0.44 0.00
RUSSELL___4 23556	60.19 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.38 -0.93 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.95 -1.22 0.00	52.92 -1.39 0.00	42.28 -1.34 0.00	56.27 -1.86 0.00	64.87 -2.25 0.00	70.42 -2.24 0.00	67.61 -1.65 0.00	56.92 -1.68 0.00	56.06 -1.22 0.00	74.79 -1.19 0.00	61.04 -1.04 0.00	50.18 -0.51 0.00	45.91 -0.44 0.00
RUSSELL___STATION 23914	60.19 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.38 -0.93 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.95 -1.22 0.00	52.92 -1.39 0.00	42.28 -1.34 0.00	56.27 -1.86 0.00	64.87 -2.25 0.00	70.42 -2.24 0.00	67.61 -1.65 0.00	56.92 -1.68 0.00	56.06 -1.22 0.00	74.79 -1.19 0.00	61.04 -1.04 0.00	50.18 -0.51 0.00	45.91 -0.44 0.00
S SALMON___HYD 24043	60.36 -1.03 0.00	56.70 -0.93 0.00	42.07 -0.85 0.00	42.54 -1.29 0.00	41.06 -1.26 0.00	41.85 -1.36 0.00	41.55 -1.44 0.00	40.80 -1.51 0.00	38.80 -1.50 0.00	41.80 -1.55 0.00	49.56 -1.68 0.00	50.58 -1.59 0.00	52.78 -1.53 0.00	42.34 -1.28 0.00	56.18 -1.95 0.00	64.74 -2.37 0.00	70.19 -2.46 0.00	67.07 -2.20 0.00	56.62 -1.98 0.00	55.38 -1.90 0.00	73.48 -2.50 0.00	59.97 -2.11 0.00	48.90 -1.79 0.00	44.70 -1.65 0.00
S.PERRY__115KV_TB1 80734	60.87 -0.51 0.00	57.44 -0.19 0.00	42.43 -0.49 0.00	43.23 -0.60 0.00	41.66 -0.66 0.00	42.41 -0.80 0.00	42.33 -0.65 0.00	41.60 -0.71 0.00	39.54 -0.75 0.00	42.77 -0.57 0.00	50.35 -1.10 -0.20	74.02 -1.35 -23.20	71.97 -1.64 -19.30	44.24 -1.71 -2.34	56.26 -1.87 0.00	96.72 -2.03 -31.63	145.44 -1.82 -74.61	127.15 -1.20 -59.09	108.74 -1.32 -51.46	57.20 -0.79 -0.70	75.40 -0.58 0.00	61.57 -0.51 0.00	50.55 -0.13 0.00	46.12 -0.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	58.21 -3.17 0.00	54.78 -2.84 0.00	40.68 -2.24 0.00	41.54 -2.29 0.00	40.04 -2.29 0.00	40.73 -2.48 0.00	40.64 -2.34 0.00	39.69 -2.62 0.00	37.51 -2.78 0.00	40.72 -2.62 0.00	47.62 -3.57 0.05	42.62 -3.44 6.11	45.50 -3.73 5.08	39.61 -3.38 0.61	53.31 -4.82 0.00	52.97 -5.81 8.33	46.69 -6.33 19.64	48.38 -5.33 15.56	40.15 -4.90 13.55	53.02 -4.07 0.18	71.43 -4.55 0.00	58.57 -3.51 0.00	48.62 -2.07 0.00	44.65 -1.69 0.00

SAWYER___23_KV_LOAD	58.21	54.78	40.68	41.54	40.04	40.73	40.64	39.69	37.51	40.72	47.62	42.62	45.50	39.61	53.31	52.97	46.69	48.38	40.15	53.02	71.43	58.57	48.62	44.65
55526	-3.17	-2.84	-2.24	-2.29	-2.29	-2.48	-2.34	-2.62	-2.78	-2.62	-3.57	-3.44	-3.73	-3.38	-4.82	-5.81	-6.33	-5.33	-4.90	-4.07	-4.55	-3.51	-2.07	-1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	6.11	5.08	0.61	0.00	8.33	19.64	15.56	13.55	0.18	0.00	0.00	0.00	0.00
SELKIRK___I	63.04	59.13	44.17	45.10	43.58	44.53	44.33	43.71	41.74	44.92	53.02	53.96	56.21	45.15	59.85	69.02	74.67	71.01	60.22	58.77	77.73	63.59	51.88	47.52
23801	1.65	1.50	1.25	1.28	1.25	1.32	1.34	1.40	1.45	1.58	1.78	1.79	1.90	1.54	1.72	1.91	2.01	1.75	1.62	1.48	1.75	1.50	1.20	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II	62.71	58.84	43.95	44.88	43.39	44.32	44.15	43.54	41.59	44.76	52.87	53.84	56.07	45.04	59.67	68.80	74.40	70.75	60.02	58.57	77.44	63.35	51.68	47.31
23799	1.32	1.21	1.03	1.05	1.06	1.11	1.16	1.23	1.29	1.41	1.63	1.67	1.76	1.43	1.55	1.69	1.75	1.49	1.42	1.29	1.47	1.27	1.00	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD	59.53	55.99	41.67	42.52	41.08	41.94	41.72	40.96	38.94	41.89	49.47	50.43	52.50	42.13	55.94	64.57	70.01	66.87	56.52	55.29	73.37	59.87	48.86	44.68
24041	-1.85	-1.63	-1.25	-1.31	-1.25	-1.28	-1.26	-1.35	-1.36	-1.45	-1.77	-1.74	-1.81	-1.49	-2.18	-2.54	-2.65	-2.39	-2.08	-1.99	-2.61	-2.21	-1.82	-1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA___115KV_TB3	58.76	55.31	41.02	41.85	40.32	40.99	40.87	39.93	37.79	41.01	47.99	43.10	45.99	40.03	53.78	53.59	47.54	49.14	40.83	53.50	72.05	59.05	48.94	44.92
355854	-2.62	-2.32	-1.90	-1.98	-2.01	-2.22	-2.11	-2.39	-2.50	-2.33	-3.20	-3.02	-3.29	-2.97	-4.35	-5.27	-5.66	-4.71	-4.35	-3.60	-3.93	-3.04	-1.74	-1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	6.05	5.03	0.61	0.00	8.25	19.45	15.41	13.42	0.18	0.00	0.00	0.00	0.00
SENECA___ENERGY	60.30	56.68	42.15	43.05	41.60	42.46	42.27	41.52	39.40	42.53	50.22	51.26	53.32	42.68	56.50	65.45	71.06	68.05	57.44	56.31	74.80	60.97	49.90	45.63
23797	-1.08	-0.95	-0.78	-0.78	-0.73	-0.75	-0.71	-0.79	-0.89	-0.81	-1.02	-0.91	-0.99	-0.94	-1.63	-1.66	-1.60	-1.21	-1.16	-0.97	-1.17	-1.12	-0.79	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKER___GT	63.12	59.19	44.12	45.03	43.55	44.52	44.40	43.90	41.96	45.17	53.40	54.44	56.74	45.61	60.32	69.58	75.29	71.59	60.74	59.20	78.35	64.03	52.07	47.50
23640	1.74	1.57	1.20	1.21	1.22	1.31	1.42	1.59	1.67	1.83	2.15	2.27	2.43	1.99	2.19	2.47	2.64	2.32	2.15	1.92	2.38	1.95	1.39	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111	63.09	59.17	44.09	45.00	43.53	44.49	44.39	43.87	41.95	45.15	53.38	54.41	56.70	45.60	60.30	69.55	75.27	71.53	60.70	59.15	78.28	63.98	52.04	47.47
55601	1.70	1.54	1.17	1.18	1.21	1.29	1.41	1.57	1.66	1.81	2.13	2.24	2.40	1.98	2.17	2.44	2.62	2.27	2.10	1.87	2.31	1.89	1.36	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1	66.08	61.83	46.05	46.76	45.20	46.11	45.82	45.22	43.37	46.75	55.85	57.05	59.35	47.32	65.63	77.85	85.22	74.04	62.76	60.93	80.72	65.96	53.37	48.65
23715	4.69	4.20	3.13	2.93	2.88	2.90	2.84	2.91	3.08	3.41	4.60	4.88	5.04	3.70	3.40	4.64	5.48	4.77	4.16	3.65	4.74	3.87	2.68	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.10	-6.09	-7.08	0.00	0.00	0.00	-0.01	-0.01	0.00
SHOREHAM_IC_2	66.08	61.82	46.05	46.77	45.20	46.11	45.82	45.21	43.37	46.75	55.84	57.05	59.35	47.32	65.63	77.85	85.22	74.04	62.77	60.93	80.71	65.95	53.37	48.65
23716	4.69	4.20	3.12	2.94	2.87	2.89	2.84	2.90	3.07	3.41	4.60	4.88	5.04	3.71	3.40	4.65	5.48	4.77	4.17	3.65	4.73	3.86	2.68	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.10	-6.09	-7.08	0.00	0.00	0.00	-0.01	-0.01	0.00
SISSONVILLE_____	62.27	58.62	43.51	44.28	42.67	43.32	42.95	42.26	40.18	43.14	51.37	52.06	54.20	43.57	58.51	67.36	72.54	69.02	57.91	56.66	75.71	62.15	51.13	46.71
23735	0.88	0.99	0.59	0.45	0.35	0.11	-0.04	-0.04	-0.12	-0.20	0.13	-0.11	-0.11	-0.04	0.39	0.25	-0.12	-0.25	-0.69	-0.62	-0.27	0.07	0.44	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1	59.28	55.81	41.55	42.41	40.97	41.81	41.58	40.79	38.74	41.63	49.15	50.09	52.12	41.84	55.59	64.18	69.54	66.37	56.12	54.91	72.86	59.49	48.60	44.47
24169	-2.11	-1.82	-1.38	-1.42	-1.36	-1.40	-1.40	-1.52	-1.55	-1.71	-2.09	-2.08	-2.19	-1.78	-2.54	-2.93	-3.12	-2.90	-2.49	-2.37	-3.12	-2.60	-2.09	-1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS2	59.28	55.81	41.55	42.41	40.97	41.81	41.58	40.79	38.74	41.63	49.15	50.09	52.12	41.84	55.59	64.18	69.54	66.37	56.12	54.91	72.86	59.49	48.60	44.47
24170	-2.11	-1.82	-1.38	-1.42	-1.36	-1.40	-1.40	-1.52	-1.55	-1.71	-2.09	-2.08	-2.19	-1.78	-2.54	-2.93	-3.12	-2.90	-2.49	-2.37	-3.12	-2.60	-2.09	-1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS3	59.28	55.81	41.55	42.41	40.97	41.81	41.58	40.79	38.74	41.63	49.15	50.09	52.12	41.84	55.59	64.18	69.54	66.37	56.12	54.91	72.86	59.49	48.60	44.47
24171	-2.11	-1.82	-1.38	-1.42	-1.36	-1.40	-1.40	-1.52	-1.55	-1.71	-2.09	-2.08	-2.19	-1.78	-2.54	-2.93	-3.12	-2.90	-2.49	-2.37	-3.12	-2.60	-2.09	-1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS4	59.28	55.81	41.55	42.41	40.97	41.81	41.58	40.79	38.74	41.63	49.15	50.09	52.12	41.84	55.59	64.18	69.54	66.37	56.12	54.91	72.86	59.49	48.60	44.47
24172	-2.11	-1.82	-1.38	-1.42	-1.36	-1.40	-1.40	-1.52	-1.55	-1.71	-2.09	-2.08	-2.19	-1.78	-2.54	-2.93	-3.12	-2.90	-2.49	-2.37	-3.12	-2.60	-2.09	-1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SITHE___BATAVIA 24024	60.01 -1.38 0.00	56.47 -1.16 0.00	42.01 -0.91 0.00	42.94 -0.89 0.00	41.45 -0.87 0.00	42.22 -0.99 0.00	42.19 -0.79 0.00	41.24 -1.07 0.00	39.02 -1.27 0.00	42.36 -0.98 0.00	49.55 -1.67 0.03	47.38 -1.51 3.28	49.50 -2.08 2.73	41.47 -1.82 0.33	55.70 -2.42 0.00	59.72 -2.92 4.48	59.05 -3.05 10.55	58.66 -2.24 8.36	49.04 -2.28 7.28	55.57 -1.61 0.10	74.45 -1.53 0.00	60.88 -1.20 0.00	50.29 -0.40 0.00	46.09 -0.25 0.00
SITHE___INDEPEND 23800	59.28 -2.11 0.00	55.81 -1.82 0.00	41.55 -1.38 0.00	42.40 -1.43 0.00	40.97 -1.35 0.00	41.81 -1.40 0.00	41.58 -1.40 0.00	40.79 -1.52 0.00	38.74 -1.55 0.00	41.63 -1.71 0.00	49.16 -2.09 0.00	50.08 -2.09 0.00	52.13 -2.18 0.00	41.84 -1.78 0.00	55.58 -2.55 0.00	64.18 -2.93 0.00	69.53 -3.13 0.00	66.37 -2.90 0.00	56.11 -2.49 0.00	54.91 -2.37 0.00	72.87 -3.11 0.00	59.49 -2.60 0.00	48.60 -2.09 0.00	44.47 -1.88 0.00
SITHE___MASSENA 23902	62.51 1.13 0.00	58.69 1.06 0.00	43.65 0.73 0.00	44.58 0.75 0.00	42.99 0.66 0.00	43.80 0.59 0.00	43.48 0.50 0.00	42.79 0.48 0.00	40.66 0.37 0.00	43.66 0.31 0.00	51.83 0.58 0.00	52.58 0.41 0.00	54.69 0.38 0.00	43.96 0.34 0.00	59.04 0.91 0.00	68.08 0.97 0.00	73.65 0.99 0.00	70.27 1.01 0.00	59.24 0.64 0.00	57.97 0.69 0.00	77.19 1.21 0.00	63.12 1.03 0.00	51.71 1.03 0.00	47.26 0.91 0.00
SITHE___OGDNSBRG 24021	63.32 1.94 0.00	59.52 1.89 0.00	44.22 1.30 0.00	45.10 1.27 0.00	43.49 1.16 0.00	44.25 1.04 0.00	43.94 0.96 0.00	43.29 0.98 0.00	41.14 0.84 0.00	44.16 0.81 0.00	52.46 1.21 0.00	53.08 0.91 0.00	55.28 0.97 0.00	44.48 0.87 0.00	59.83 1.70 0.00	69.02 1.91 0.00	74.62 1.97 0.00	71.19 1.92 0.00	59.86 1.27 0.00	58.56 1.28 0.00	78.05 2.08 0.00	63.85 1.76 0.00	52.35 1.67 0.00	47.82 1.47 0.00
SITHE___STERLING 23777	62.65 1.26 0.00	58.90 1.27 0.00	43.75 0.83 0.00	44.58 0.75 0.00	43.09 0.76 0.00	44.00 0.79 0.00	43.83 0.85 0.00	43.20 0.89 0.00	41.20 0.90 0.00	44.36 1.02 0.00	52.47 1.22 0.00	53.51 1.34 0.00	55.79 1.47 0.00	44.72 1.11 0.00	59.28 1.15 0.00	68.53 1.42 0.00	74.18 1.53 0.00	70.70 1.44 0.00	59.79 1.19 0.00	58.39 1.11 0.00	77.38 1.40 0.00	63.08 0.99 0.00	51.40 0.71 0.00	46.93 0.58 0.00
SLEIGHT__34_KV_TB1 80719	59.87 -1.52 0.00	56.24 -1.39 0.00	41.82 -1.11 0.00	42.72 -1.10 0.00	41.29 -1.04 0.00	42.13 -1.08 0.00	41.99 -0.99 0.00	41.21 -1.10 0.00	39.15 -1.15 0.00	42.28 -1.06 0.00	49.82 -1.42 0.00	50.83 -1.35 0.00	52.84 -1.47 0.00	42.23 -1.39 0.00	56.13 -2.00 0.00	64.83 -2.29 0.00	70.36 -2.30 0.00	67.47 -1.79 0.00	56.88 -1.72 0.00	55.88 -1.39 0.00	74.30 -1.68 0.00	60.60 -1.49 0.00	49.68 -1.01 0.00	45.44 -0.91 0.00
SMITHTWN_69_KV_BK 1 55830	65.51 4.12 0.00	61.31 3.68 0.00	45.66 2.74 0.00	46.42 2.59 0.00	44.86 2.53 0.00	45.80 2.59 0.00	45.59 2.61 0.00	45.06 2.75 0.00	43.21 2.92 0.00	46.63 3.29 0.00	55.79 4.54 0.00	56.97 4.80 0.00	59.22 4.91 0.00	47.22 3.60 0.00	63.74 3.69 -1.93	74.54 4.56 -2.87	81.31 5.31 -3.34	73.88 4.62 0.00	62.66 4.06 0.00	60.83 3.55 0.00	80.53 4.55 0.00	65.83 3.75 0.00	53.32 2.64 0.00	48.64 2.29 0.00
SOUTH CAIRO___GT 23612	65.37 3.99 0.00	61.29 3.66 0.00	45.77 2.85 0.00	46.71 2.88 0.00	45.14 2.81 0.00	46.14 2.93 0.00	46.00 3.02 0.00	45.46 3.16 0.00	43.52 3.23 0.00	46.93 3.59 0.00	55.44 4.19 0.00	56.37 4.20 0.00	58.69 4.38 0.00	47.21 3.59 0.00	62.54 4.41 0.00	72.25 5.13 0.00	78.34 5.68 0.00	74.58 5.32 0.00	63.13 4.53 0.00	61.45 4.17 0.00	81.08 5.10 0.00	66.11 4.02 0.00	53.84 3.16 0.00	49.20 2.86 0.00
SOUTH HAMPTN___IC 23720	67.15 5.76 0.00	62.81 5.18 0.00	46.77 3.85 0.00	47.45 3.63 0.00	45.86 3.54 0.00	46.70 3.49 0.00	46.21 3.23 0.00	45.44 3.13 0.00	43.51 3.21 0.00	46.82 3.48 0.00	55.88 4.63 0.00	57.04 4.87 0.00	59.39 5.08 0.00	47.31 3.70 0.00	65.95 3.49 -4.33	78.16 4.61 -6.44	85.61 5.46 -7.49	73.98 4.72 0.00	62.72 4.11 0.00	60.86 3.58 0.00	80.56 4.57 -0.01	65.80 3.71 -0.01	53.24 2.55 0.00	48.53 2.18 0.00
SOUTHDOWN_115KV_TB1 355954	58.66 -2.72 0.00	54.76 -2.87 0.00	40.61 -2.31 0.00	40.63 -3.19 0.00	38.90 -3.42 0.00	39.62 -3.59 0.00	39.58 -3.40 0.00	38.85 -3.46 0.00	37.04 -3.26 0.00	40.10 -3.24 0.00	46.95 -4.27 0.03	45.00 -4.05 3.12	47.71 -4.01 2.59	39.73 -3.57 0.31	52.59 -5.54 0.00	56.96 -5.90 4.25	55.95 -6.69 10.02	55.29 -6.04 7.94	46.25 -5.43 6.91	52.60 -4.58 0.09	71.04 -4.94 0.00	58.42 -3.67 0.00	48.44 -2.25 0.00	44.37 -1.98 0.00
SOUTHOLD_69_KV_BK 2 55809	67.93 6.55 0.00	63.55 5.92 0.00	47.28 4.36 0.00	47.97 4.14 0.00	46.34 4.01 0.00	47.09 3.88 0.00	46.36 3.37 0.00	45.38 3.07 0.00	43.35 3.06 0.00	46.60 3.26 0.00	55.55 4.30 0.00	56.65 4.48 0.00	59.01 4.70 0.00	47.00 3.38 0.00	65.55 3.10 -4.33	77.65 4.10 -6.44	85.08 4.94 -7.48	73.46 4.20 0.00	62.25 3.65 0.00	60.39 3.11 0.00	79.86 3.88 -0.01	65.17 3.08 -0.01	52.76 2.07 0.00	48.09 1.75 0.00
SOUTHOLD___IC 23719	67.93 6.54 0.00	63.55 5.92 0.00	47.29 4.37 0.00	47.96 4.14 0.00	46.34 4.01 0.00	47.08 3.87 0.00	46.36 3.37 0.00	45.39 3.08 0.00	43.36 3.07 0.00	46.60 3.26 0.00	55.55 4.30 0.00	56.64 4.47 0.00	59.01 4.70 0.00	46.99 3.37 0.00	65.55 3.10 -4.33	77.64 4.09 -6.44	85.07 4.93 -7.48	73.46 4.20 0.00	62.24 3.64 0.00	60.38 3.10 0.00	79.86 3.87 -0.01	65.17 3.07 -0.01	52.77 2.08 0.00	48.09 1.74 0.00
SOUTH_FORK_WT_PWR 323839	68.20 6.81 0.00	63.79 6.16 0.00	47.46 4.53 0.00	48.10 4.28 0.00	46.46 4.13 0.00	47.10 3.89 0.00	46.17 3.18 0.00	44.98 2.67 0.00	42.88 2.59 0.00	46.03 2.69 0.00	54.83 3.59 0.00	55.80 3.63 0.00	58.15 3.84 0.00	46.30 2.68 0.00	64.64 2.19 -4.33	76.58 3.03 -6.44	83.92 3.78 -7.48	72.32 3.05 0.00	61.30 2.70 0.00	59.45 2.17 0.00	78.59 2.60 -0.01	64.13 2.04 -0.01	51.96 1.28 0.00	47.37 1.02 0.00
SPIERFLS_115KV_TB 1 80737	66.02 4.64 0.00	61.65 4.02 0.00	45.93 3.01 0.00	46.92 3.09 0.00	45.19 2.86 0.00	46.30 3.09 0.00	46.25 3.27 0.00	45.80 3.49 0.00	43.79 3.50 0.00	47.23 3.89 0.00	55.87 4.63 0.00	56.97 4.80 0.00	59.35 5.04 0.00	47.62 4.00 0.00	63.09 4.96 0.00	72.90 5.78 0.00	78.93 6.27 0.00	74.87 5.60 0.00	63.37 4.77 0.00	61.77 4.49 0.00	81.50 5.52 0.00	66.68 4.59 0.00	54.28 3.59 0.00	49.61 3.27 0.00
ST LAWRENCE____ 23600	61.65 0.27 0.00	57.84 0.22 0.00	43.05 0.13 0.00	44.00 0.17 0.00	42.42 0.10 0.00	43.27 0.06 0.00	42.95 -0.03 0.00	42.25 -0.06 0.00	40.16 -0.13 0.00	43.13 -0.22 0.00	51.15 -0.09 0.00	51.92 -0.25 0.00	53.98 -0.33 0.00	43.38 -0.23 0.00	58.28 0.15 0.00	67.22 0.11 0.00	72.78 0.12 0.00	69.45 0.18 0.00	58.61 0.01 0.00	57.36 0.08 0.00	76.29 0.31 0.00	62.37 0.28 0.00	51.04 0.36 0.00	46.64 0.29 0.00

STATE_CA_115KV_115_LB 55624	63.02 1.64 0.00	59.13 1.50 0.00	44.23 1.30 0.00	45.14 1.32 0.00	43.64 1.32 0.00	44.61 1.39 0.00	44.45 1.46 0.00	43.83 1.52 0.00	41.89 1.59 0.00	45.08 1.74 0.00	53.29 2.05 0.00	54.26 2.10 0.00	56.52 2.21 0.00	45.43 1.82 0.00	60.17 2.04 0.00	69.33 2.22 0.00	74.99 2.34 0.00	71.27 2.01 0.00	60.52 1.92 0.00	58.99 1.71 0.00	77.92 1.94 0.00	63.77 1.68 0.00	52.02 1.34 0.00	47.64 1.29 0.00
STATE_ST_34_KV_LOAD 55959	60.88 -0.51 0.00	57.23 -0.40 0.00	42.55 -0.37 0.00	43.46 -0.37 0.00	41.99 -0.34 0.00	42.86 -0.35 0.00	42.68 -0.30 0.00	41.92 -0.39 0.00	39.86 -0.44 0.00	42.94 -0.41 0.00	50.69 -0.56 0.00	51.82 -0.35 0.00	53.97 -0.34 0.00	43.18 -0.43 0.00	57.21 -0.92 0.00	66.30 -0.81 0.00	72.02 -0.64 0.00	68.84 -0.42 0.00	58.16 -0.44 0.00	57.04 -0.24 0.00	75.63 -0.35 0.00	61.42 -0.67 0.00	50.30 -0.39 0.00	45.95 -0.40 0.00
STATION_5_MISC_HYD 23604	59.93 -1.45 0.00	56.33 -1.30 0.00	41.89 -1.03 0.00	42.80 -1.03 0.00	41.33 -0.99 0.00	42.15 -1.06 0.00	42.03 -0.95 0.00	41.18 -1.13 0.00	39.08 -1.22 0.00	42.28 -1.06 0.00	49.73 -1.52 0.00	50.70 -1.47 0.00	52.65 -1.67 0.00	42.07 -1.55 0.00	55.97 -2.16 0.00	64.50 -2.61 0.00	70.02 -2.64 0.00	67.24 -2.02 0.00	56.62 -1.98 0.00	55.73 -1.55 0.00	74.33 -1.65 0.00	60.72 -1.37 0.00	49.93 -0.75 0.00	45.73 -0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	60.09 -1.29 0.00	56.48 -1.15 0.00	42.01 -0.91 0.00	42.91 -0.92 0.00	41.46 -0.86 0.00	42.31 -0.90 0.00	42.17 -0.81 0.00	41.39 -0.92 0.00	39.29 -1.00 0.00	42.45 -0.90 0.00	50.02 -1.22 0.00	50.98 -1.19 0.00	52.98 -1.33 0.00	42.35 -1.27 0.00	56.23 -1.90 0.00	65.00 -2.12 0.00	70.55 -2.10 0.00	67.63 -1.64 0.00	57.01 -1.59 0.00	56.03 -1.25 0.00	74.57 -1.41 0.00	60.85 -1.24 0.00	49.88 -0.80 0.00	45.62 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	59.58 -1.80 0.00	56.01 -1.62 0.00	41.65 -1.27 0.00	42.57 -1.25 0.00	41.11 -1.22 0.00	41.93 -1.28 0.00	41.79 -1.19 0.00	40.98 -1.34 0.00	38.88 -1.41 0.00	42.04 -1.30 0.00	49.47 -1.77 0.00	50.43 -1.75 0.00	52.38 -1.93 0.00	41.86 -1.75 0.00	55.67 -2.45 0.00	64.17 -2.94 0.00	69.65 -3.01 0.00	66.84 -2.42 0.00	56.29 -2.31 0.00	55.43 -1.85 0.00	73.89 -2.09 0.00	60.34 -1.74 0.00	49.60 -1.08 0.00	45.41 -0.94 0.00
STA_56___34_KV_BUS2 355983	59.58 -1.80 0.00	56.01 -1.62 0.00	41.65 -1.27 0.00	42.57 -1.25 0.00	41.11 -1.22 0.00	41.93 -1.28 0.00	41.79 -1.19 0.00	40.98 -1.34 0.00	38.88 -1.41 0.00	42.04 -1.30 0.00	49.47 -1.77 0.00	50.43 -1.75 0.00	52.38 -1.93 0.00	41.86 -1.75 0.00	55.67 -2.45 0.00	64.17 -2.94 0.00	69.65 -3.01 0.00	66.84 -2.42 0.00	56.29 -2.31 0.00	55.43 -1.85 0.00	73.89 -2.09 0.00	60.34 -1.74 0.00	49.60 -1.08 0.00	45.41 -0.94 0.00
STA_67___115KV_BK2 355882	59.83 -1.56 0.00	56.22 -1.41 0.00	41.82 -1.10 0.00	42.74 -1.09 0.00	41.27 -1.05 0.00	42.08 -1.13 0.00	41.95 -1.03 0.00	41.13 -1.18 0.00	39.01 -1.29 0.00	42.19 -1.15 0.00	49.62 -1.62 0.00	50.58 -1.59 0.00	52.51 -1.80 0.00	41.96 -1.65 0.00	55.81 -2.32 0.00	64.33 -2.78 0.00	69.81 -2.84 0.00	67.04 -2.23 0.00	56.43 -2.17 0.00	55.59 -1.69 0.00	74.17 -1.81 0.00	60.59 -1.50 0.00	49.83 -0.85 0.00	45.62 -0.72 0.00
STA_7___115KV_9TRANS 80674	60.19 -1.20 0.00	56.56 -1.07 0.00	42.06 -0.86 0.00	42.97 -0.85 0.00	41.50 -0.83 0.00	42.32 -0.89 0.00	42.20 -0.78 0.00	41.38 -0.93 0.00	39.26 -1.04 0.00	42.48 -0.87 0.00	49.97 -1.27 0.00	50.95 -1.22 0.00	52.92 -1.39 0.00	42.28 -1.34 0.00	56.27 -1.86 0.00	64.87 -2.25 0.00	70.42 -2.24 0.00	67.61 -1.65 0.00	56.92 -1.68 0.00	56.06 -1.22 0.00	74.79 -1.19 0.00	61.04 -1.04 0.00	50.18 -0.51 0.00	45.91 -0.44 0.00
STA_82___115KV_TB1 80780	59.78 -1.60 0.00	56.20 -1.43 0.00	41.80 -1.12 0.00	42.71 -1.12 0.00	41.24 -1.08 0.00	42.05 -1.16 0.00	41.93 -1.05 0.00	41.10 -1.21 0.00	38.98 -1.31 0.00	42.15 -1.19 0.00	49.58 -1.66 0.00	50.53 -1.64 0.00	52.47 -1.84 0.00	41.92 -1.70 0.00	55.76 -2.37 0.00	64.28 -2.84 0.00	69.75 -2.90 0.00	66.97 -2.30 0.00	56.38 -2.22 0.00	55.53 -1.75 0.00	74.10 -1.88 0.00	60.53 -1.56 0.00	49.79 -0.89 0.00	45.58 -0.76 0.00
STEEL___WIND 323596	58.68 -2.70 0.00	55.25 -2.38 0.00	40.97 -1.95 0.00	41.79 -2.04 0.00	40.26 -2.07 0.00	40.94 -2.27 0.00	40.80 -2.18 0.00	39.82 -2.49 0.00	37.71 -2.58 0.00	40.92 -2.42 0.00	47.89 -3.30 0.05	42.98 -3.15 6.05	45.88 -3.40 5.03	39.96 -3.05 0.61	53.68 -4.44 0.00	53.45 -5.41 8.25	47.40 -5.80 19.45	49.00 -4.85 15.41	40.71 -4.47 13.42	53.35 -3.75 0.18	71.91 -4.07 0.00	58.93 -3.16 0.00	48.83 -1.85 0.00	44.82 -1.52 0.00
STEPHTWN_115KV_BK_2 55603	63.36 1.98 0.00	59.38 1.75 0.00	44.36 1.44 0.00	45.28 1.45 0.00	43.81 1.49 0.00	44.74 1.53 0.00	44.64 1.65 0.00	44.14 1.83 0.00	42.22 1.92 0.00	45.47 2.12 0.00	53.63 2.39 0.00	54.62 2.45 0.00	56.92 2.61 0.00	45.71 2.09 0.00	60.57 2.44 0.00	69.66 2.55 0.00	75.42 2.76 0.00	71.76 2.49 0.00	60.85 2.25 0.00	59.40 2.12 0.00	78.49 2.51 0.00	64.09 2.00 0.00	52.22 1.53 0.00	47.81 1.46 0.00
STEBEN_REC_LFGE 323667	58.18 -3.20 0.00	55.29 -2.34 0.00	40.32 -2.60 0.00	40.88 -2.95 0.00	39.27 -3.05 0.00	39.86 -3.35 0.00	39.67 -3.31 0.00	39.09 -3.22 0.00	37.19 -3.10 0.00	40.32 -3.02 0.00	47.55 -3.84 -0.14	64.94 -3.82 -16.59	64.04 -4.07 -13.79	41.56 -3.73 -1.67	53.10 -5.02 0.00	84.49 -5.24 -22.61	120.33 -5.66 -53.33	106.16 -5.35 -42.24	90.47 -4.92 -36.79	53.48 -4.30 -0.50	70.67 -5.31 0.00	57.79 -4.30 0.00	47.43 -3.25 0.00	43.26 -3.09 0.00
STILLWATER___SOLAR 323814	64.85 3.46 0.00	60.70 3.08 0.00	45.25 2.33 0.00	46.23 2.41 0.00	44.62 2.30 0.00	45.65 2.44 0.00	45.51 2.53 0.00	44.98 2.67 0.00	42.97 2.68 0.00	46.31 2.97 0.00	54.72 3.47 0.00	55.77 3.60 0.00	58.09 3.78 0.00	46.62 3.01 0.00	61.85 3.72 0.00	71.39 4.28 0.00	77.26 4.61 0.00	73.41 4.14 0.00	62.16 3.56 0.00	60.65 3.37 0.00	80.17 4.20 0.00	65.55 3.47 0.00	53.41 2.72 0.00	48.83 2.48 0.00
STONY___BROOK 24151	65.41 4.02 0.00	61.23 3.60 0.00	45.61 2.69 0.00	46.34 2.52 0.00	44.79 2.47 0.00	45.72 2.51 0.00	45.49 2.51 0.00	44.95 2.65 0.00	43.12 2.83 0.00	46.52 3.18 0.00	55.66 4.42 0.00	56.85 4.68 0.00	59.10 4.79 0.00	47.12 3.50 0.00	64.78 3.53 -3.13	76.15 4.39 -4.65	83.19 5.13 -5.41	73.67 4.41 0.00	62.49 3.89 0.00	60.65 3.37 0.00	80.33 4.35 -0.01	65.70 3.61 -0.01	53.19 2.50 0.00	48.52 2.17 0.00
STURGEON_POOL_HYD 23609	63.67 2.29 0.00	59.68 2.05 0.00	44.48 1.56 0.00	45.40 1.58 0.00	43.93 1.60 0.00	44.91 1.70 0.00	44.80 1.82 0.00	44.33 2.02 0.00	42.41 2.12 0.00	45.66 2.32 0.00	54.00 2.76 0.00	55.08 2.91 0.00	57.41 3.10 0.00	46.16 2.54 0.00	60.96 2.83 0.00	70.29 3.18 0.00	76.03 3.37 0.00	72.29 3.03 0.00	61.33 2.73 0.00	59.74 2.46 0.00	79.03 3.05 0.00	64.59 2.51 0.00	52.49 1.80 0.00	47.85 1.51 0.00

ST_LAW_115_BK7_LBMP 345037	61.67 0.29 0.00	57.88 0.25 0.00	43.07 0.14 0.00	44.01 0.18 0.00	42.44 0.11 0.00	43.27 0.06 0.00	42.96 -0.02 0.00	42.26 -0.05 0.00	40.18 -0.12 0.00	43.13 -0.22 0.00	51.17 -0.08 0.00	51.93 -0.24 0.00	53.99 -0.32 0.00	43.40 -0.22 0.00	58.30 0.17 0.00	67.28 0.17 0.00	72.80 0.14 0.00	69.49 0.23 0.00	58.61 0.02 0.00	57.36 0.08 0.00	76.32 0.34 0.00	62.40 0.31 0.00	51.08 0.39 0.00	46.67 0.32 0.00
ST_LAW_115_BK8_LBMP 345038	61.67 0.29 0.00	57.88 0.25 0.00	43.07 0.14 0.00	44.01 0.18 0.00	42.44 0.11 0.00	43.27 0.06 0.00	42.96 -0.02 0.00	42.26 -0.05 0.00	40.18 -0.12 0.00	43.13 -0.22 0.00	51.17 -0.08 0.00	51.93 -0.24 0.00	53.99 -0.32 0.00	43.40 -0.22 0.00	58.30 0.17 0.00	67.28 0.17 0.00	72.80 0.14 0.00	69.49 0.23 0.00	58.61 0.02 0.00	57.36 0.08 0.00	76.32 0.34 0.00	62.40 0.31 0.00	51.08 0.39 0.00	46.67 0.32 0.00
ST_LAW_230_BK5_LBMP 345035	61.65 0.27 0.00	57.84 0.22 0.00	43.05 0.13 0.00	44.00 0.17 0.00	42.42 0.10 0.00	43.27 0.06 0.00	42.95 -0.03 0.00	42.25 -0.06 0.00	40.16 -0.13 0.00	43.13 -0.22 0.00	51.15 -0.09 0.00	51.92 -0.25 0.00	53.98 -0.33 0.00	43.38 -0.23 0.00	58.28 0.15 0.00	67.22 0.11 0.00	72.78 0.12 0.00	69.45 0.18 0.00	58.61 0.01 0.00	57.36 0.08 0.00	76.29 0.31 0.00	62.37 0.28 0.00	51.04 0.36 0.00	46.64 0.29 0.00
ST_LAW_230_BK6_LBMP 345036	61.65 0.27 0.00	57.84 0.22 0.00	43.05 0.13 0.00	44.00 0.17 0.00	42.42 0.10 0.00	43.27 0.06 0.00	42.95 -0.03 0.00	42.25 -0.06 0.00	40.16 -0.13 0.00	43.13 -0.22 0.00	51.15 -0.09 0.00	51.92 -0.25 0.00	53.98 -0.33 0.00	43.38 -0.23 0.00	58.28 0.15 0.00	67.22 0.11 0.00	72.78 0.12 0.00	69.45 0.18 0.00	58.61 0.01 0.00	57.36 0.08 0.00	76.29 0.31 0.00	62.37 0.28 0.00	51.04 0.36 0.00	46.64 0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	63.28 1.90 0.00	59.34 1.71 0.00	44.22 1.30 0.00	45.14 1.31 0.00	43.66 1.33 0.00	44.63 1.42 0.00	44.52 1.54 0.00	44.05 1.74 0.00	42.12 1.82 0.00	45.35 2.01 0.00	53.62 2.37 0.00	54.65 2.48 0.00	56.97 2.66 0.00	45.82 2.21 0.00	60.55 2.42 0.00	69.84 2.73 0.00	75.58 2.92 0.00	71.79 2.53 0.00	60.94 2.34 0.00	59.35 2.07 0.00	78.55 2.57 0.00	64.22 2.13 0.00	52.20 1.51 0.00	47.59 1.25 0.00
SWANROAD_115KV_TB1 355699	57.26 -4.13 0.00	54.00 -3.63 0.00	40.27 -2.65 0.00	41.19 -2.64 0.00	39.73 -2.59 0.00	40.43 -2.78 0.00	40.38 -2.60 0.00	39.36 -2.95 0.00	36.99 -3.31 0.00	40.17 -3.17 0.00	46.87 -4.33 0.04	43.46 -3.94 4.77	45.99 -4.35 3.97	39.12 -4.02 0.48	52.50 -5.63 0.00	53.85 -6.76 6.50	49.69 -7.63 15.34	50.57 -6.55 12.15	42.10 -5.92 10.58	52.23 -4.91 0.14	70.31 -5.67 0.00	57.74 -4.35 0.00	47.99 -2.69 0.00	44.07 -2.27 0.00
SYNERGY___BIOGAS 323694	60.00 -1.38 0.00	56.47 -1.16 0.00	42.01 -0.92 0.00	42.94 -0.89 0.00	41.45 -0.87 0.00	42.22 -0.99 0.00	42.19 -0.79 0.00	41.26 -1.05 0.00	39.02 -1.28 0.00	42.36 -0.98 0.00	49.54 -1.67 0.03	47.33 -1.56 3.28	49.48 -2.10 2.73	41.43 -1.86 0.33	55.68 -2.44 0.00	59.70 -2.94 4.48	59.01 -3.09 10.55	58.60 -2.30 8.36	48.97 -2.35 7.28	55.56 -1.62 0.10	74.44 -1.53 0.00	60.89 -1.20 0.00	50.29 -0.39 0.00	46.07 -0.28 0.00
SYRACUSE___ENERGY_ST1 323597	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.41 -0.83 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.68 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.05 0.00	57.63 -0.98 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
SYRACUSE___ENERGY_ST2 323598	60.58 -0.81 0.00	56.96 -0.67 0.00	42.36 -0.56 0.00	43.24 -0.58 0.00	41.78 -0.54 0.00	42.66 -0.55 0.00	42.45 -0.54 0.00	41.70 -0.61 0.00	39.64 -0.66 0.00	42.68 -0.67 0.00	50.41 -0.83 0.00	51.41 -0.76 0.00	53.54 -0.77 0.00	42.94 -0.68 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.42 -1.23 0.00	68.22 -1.05 0.00	57.63 -0.98 0.00	56.44 -0.84 0.00	74.85 -1.13 0.00	61.03 -1.05 0.00	49.82 -0.87 0.00	45.53 -0.81 0.00
SYRACUSE___POWER 24017	60.57 -0.82 0.00	56.95 -0.68 0.00	42.36 -0.56 0.00	43.23 -0.60 0.00	41.77 -0.55 0.00	42.64 -0.57 0.00	42.44 -0.54 0.00	41.71 -0.60 0.00	39.67 -0.63 0.00	42.68 -0.66 0.00	50.42 -0.82 0.00	51.42 -0.75 0.00	53.55 -0.76 0.00	42.96 -0.66 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.38 -1.28 0.00	68.20 -1.07 0.00	57.62 -0.98 0.00	56.43 -0.85 0.00	74.82 -1.16 0.00	61.04 -1.05 0.00	49.80 -0.89 0.00	45.52 -0.83 0.00
TALLMAN__138KV_BK151 55660	63.47 2.09 0.00	59.50 1.87 0.00	44.34 1.42 0.00	45.25 1.42 0.00	43.77 1.44 0.00	44.74 1.53 0.00	44.62 1.64 0.00	44.20 1.89 0.00	42.29 1.99 0.00	45.52 2.18 0.00	53.84 2.60 0.00	54.86 2.69 0.00	57.22 2.91 0.00	46.03 2.42 0.00	60.80 2.67 0.00	70.09 2.98 0.00	75.86 3.21 0.00	72.00 2.74 0.00	61.15 2.55 0.00	59.54 2.26 0.00	78.80 2.82 0.00	64.45 2.36 0.00	52.35 1.66 0.00	47.71 1.36 0.00
TEALLAVE_115KV_TB7 355573	60.30 -1.09 0.00	56.71 -0.91 0.00	42.19 -0.73 0.00	43.06 -0.77 0.00	41.61 -0.72 0.00	42.48 -0.73 0.00	42.27 -0.71 0.00	41.53 -0.78 0.00	39.48 -0.82 0.00	42.49 -0.85 0.00	50.17 -1.07 0.00	51.16 -1.01 0.00	53.27 -1.04 0.00	42.72 -0.90 0.00	56.69 -1.43 0.00	65.49 -1.63 0.00	70.97 -1.68 0.00	67.79 -1.47 0.00	57.28 -1.32 0.00	56.09 -1.19 0.00	74.41 -1.57 0.00	60.72 -1.37 0.00	49.56 -1.13 0.00	45.31 -1.03 0.00
TELGRAPH_34_KV_EAST 80808	58.64 -2.74 0.00	55.23 -2.40 0.00	41.12 -1.81 0.00	42.03 -1.80 0.00	40.55 -1.77 0.00	41.28 -1.93 0.00	41.24 -1.74 0.00	40.28 -2.03 0.00	38.00 -2.30 0.00	41.26 -2.08 0.00	48.21 -3.00 0.04	45.38 -2.76 4.03	47.83 -3.13 3.35	40.32 -2.89 0.41	54.10 -4.02 0.00	56.75 -4.86 5.50	54.29 -5.40 12.96	54.53 -4.46 10.27	45.49 -4.17 8.94	53.84 -3.32 0.12	72.33 -3.65 0.00	59.25 -2.83 0.00	49.13 -1.56 0.00	45.06 -1.29 0.00
TEMPLE___115KV_TB 2 55572	60.31 -1.08 0.00	56.72 -0.91 0.00	42.19 -0.73 0.00	43.06 -0.77 0.00	41.61 -0.71 0.00	42.49 -0.72 0.00	42.27 -0.71 0.00	41.53 -0.78 0.00	39.48 -0.82 0.00	42.49 -0.85 0.00	50.18 -1.07 0.00	51.16 -1.01 0.00	53.27 -1.04 0.00	42.73 -0.89 0.00	56.69 -1.43 0.00	65.50 -1.61 0.00	70.98 -1.67 0.00	67.81 -1.45 0.00	57.29 -1.31 0.00	56.11 -1.17 0.00	74.42 -1.56 0.00	60.72 -1.36 0.00	49.56 -1.12 0.00	45.31 -1.03 0.00
TIANA____69_KV_BK 1 55817	66.86 5.47 0.00	62.56 4.93 0.00	46.57 3.65 0.00	47.27 3.44 0.00	45.68 3.35 0.00	46.55 3.34 0.00	46.14 3.15 0.00	45.43 3.11 0.00	43.51 3.21 0.00	46.87 3.53 0.00	55.95 4.70 0.00	57.14 4.96 0.00	59.45 5.14 0.00	47.39 3.78 0.00	66.05 3.59 -4.33	78.27 4.73 -6.44	85.73 5.59 -7.48	74.12 4.85 0.00	62.83 4.23 0.00	60.99 3.71 0.00	80.73 4.74 -0.01	65.95 3.86 -0.01	53.36 2.67 0.00	48.62 2.28 0.00

TILDEN___115KV_TB1 80814	60.57 -0.82 0.00	56.95 -0.68 0.00	42.36 -0.56 0.00	43.23 -0.60 0.00	41.77 -0.55 0.00	42.64 -0.57 0.00	42.44 -0.54 0.00	41.71 -0.60 0.00	39.67 -0.63 0.00	42.68 -0.66 0.00	50.42 -0.82 0.00	51.42 -0.75 0.00	53.55 -0.76 0.00	42.96 -0.66 0.00	56.98 -1.15 0.00	65.86 -1.25 0.00	71.38 -1.28 0.00	68.20 -1.07 0.00	57.62 -0.98 0.00	56.43 -0.85 0.00	74.82 -1.16 0.00	61.04 -1.05 0.00	49.80 -0.89 0.00	45.52 -0.83 0.00
TRIGEN___CC 323695	64.68 3.29 0.00	60.60 2.97 0.00	45.12 2.20 0.00	45.96 2.14 0.00	44.48 2.15 0.00	45.47 2.26 0.00	45.33 2.35 0.00	44.87 2.56 0.00	43.00 2.71 0.00	46.30 2.96 0.00	55.03 3.78 0.00	56.12 3.95 0.00	58.35 4.04 0.00	46.74 3.12 0.00	61.55 3.42 0.00	71.10 3.98 0.00	77.14 4.47 -0.01	73.18 3.92 0.00	62.11 3.51 0.00	60.41 3.13 0.00	79.95 3.98 0.00	65.39 3.31 0.00	53.05 2.36 0.00	48.38 2.03 0.00
TRINITY__115KV__4 BK 55933	62.77 1.39 0.00	58.89 1.27 0.00	44.05 1.13 0.00	44.98 1.15 0.00	43.48 1.15 0.00	44.43 1.22 0.00	44.26 1.28 0.00	43.64 1.33 0.00	41.70 1.41 0.00	44.88 1.53 0.00	53.03 1.79 0.00	53.99 1.82 0.00	56.23 1.92 0.00	45.19 1.57 0.00	59.86 1.73 0.00	68.97 1.86 0.00	74.59 1.94 0.00	70.89 1.63 0.00	60.19 1.59 0.00	58.70 1.42 0.00	77.56 1.58 0.00	63.47 1.38 0.00	51.79 1.10 0.00	47.44 1.09 0.00
UNION___PROCESSING_DRP 323587	59.80 -1.58 0.00	56.20 -1.43 0.00	41.81 -1.12 0.00	42.71 -1.12 0.00	41.25 -1.07 0.00	42.06 -1.15 0.00	41.94 -1.04 0.00	41.10 -1.21 0.00	38.98 -1.31 0.00	42.17 -1.18 0.00	49.60 -1.65 0.00	50.53 -1.64 0.00	52.48 -1.83 0.00	41.94 -1.68 0.00	55.78 -2.35 0.00	64.30 -2.81 0.00	69.77 -2.88 0.00	66.98 -2.28 0.00	56.40 -2.21 0.00	55.55 -1.73 0.00	74.10 -1.88 0.00	60.54 -1.54 0.00	49.80 -0.88 0.00	45.59 -0.75 0.00
UPPER HUDSON___HYD 24058	66.02 4.64 0.00	61.65 4.02 0.00	45.92 3.00 0.00	46.91 3.09 0.00	45.19 2.86 0.00	46.30 3.09 0.00	46.25 3.27 0.00	45.80 3.49 0.00	43.79 3.50 0.00	47.23 3.89 0.00	55.87 4.63 0.00	56.97 4.80 0.00	59.35 5.04 0.00	47.62 4.00 0.00	63.08 4.95 0.00	72.89 5.78 0.00	78.93 6.27 0.00	74.87 5.61 0.00	63.36 4.76 0.00	61.77 4.49 0.00	81.50 5.53 0.00	66.67 4.59 0.00	54.28 3.59 0.00	49.61 3.27 0.00
UPPER RAQUET___HYD 24056	62.27 0.88 0.00	58.62 0.99 0.00	43.51 0.59 0.00	44.28 0.45 0.00	42.67 0.35 0.00	43.32 0.11 0.00	42.95 -0.04 0.00	42.26 -0.04 0.00	40.18 -0.12 0.00	43.15 -0.20 0.00	51.37 0.13 0.00	52.06 -0.11 0.00	54.20 -0.11 0.00	43.57 -0.04 0.00	58.52 0.39 0.00	67.36 0.25 0.00	72.53 -0.12 0.00	69.01 -0.25 0.00	57.91 -0.69 0.00	56.66 -0.62 0.00	75.71 -0.27 0.00	62.15 0.07 0.00	51.13 0.44 0.00	46.71 0.36 0.00
VALLEY44_115KV_TB2 355964	58.98 -2.41 0.00	55.43 -2.20 0.00	41.14 -1.78 0.00	41.94 -1.88 0.00	40.43 -1.90 0.00	40.96 -2.24 0.00	40.65 -2.33 0.00	39.91 -2.40 0.00	37.95 -2.35 0.00	41.11 -2.24 0.00	48.47 -2.76 0.02	47.39 -2.63 2.15	49.73 -2.79 1.79	40.73 -2.66 0.22	53.79 -4.34 0.00	59.12 -5.06 2.93	60.39 -5.35 6.92	59.20 -4.59 5.48	49.61 -4.22 4.77	53.83 -3.38 0.07	72.18 -3.80 0.00	59.25 -2.84 0.00	48.91 -1.78 0.00	44.84 -1.51 0.00
VALLEY___115KV_TB 1-4 80826	63.50 2.12 0.00	59.42 1.79 0.00	44.21 1.29 0.00	45.13 1.30 0.00	43.66 1.33 0.00	44.53 1.32 0.00	44.44 1.46 0.00	43.83 1.52 0.00	41.94 1.65 0.00	45.08 1.74 0.00	53.28 2.04 0.00	54.53 2.35 0.00	57.00 2.68 0.00	45.78 2.17 0.00	60.80 2.67 0.00	70.18 3.07 0.00	76.07 3.42 0.00	72.17 2.91 0.00	61.15 2.55 0.00	59.63 2.35 0.00	78.95 2.97 0.00	64.41 2.32 0.00	52.30 1.61 0.00	47.75 1.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	64.76 3.37 0.00	60.74 3.11 0.00	45.19 2.26 0.00	46.14 2.31 0.00	44.61 2.29 0.00	45.60 2.39 0.00	45.32 2.34 0.00	44.66 2.35 0.00	42.67 2.37 0.00	46.01 2.67 0.00	54.28 3.03 0.00	55.28 3.11 0.00	57.56 3.25 0.00	46.14 2.53 0.00	61.13 3.00 0.00	70.58 3.47 0.00	76.46 3.80 0.00	72.82 3.56 0.00	61.66 3.05 0.00	60.18 2.90 0.00	79.70 3.72 0.00	64.87 2.79 0.00	52.82 2.13 0.00	48.19 1.85 0.00
VISCHER___FERRY HYD 24020	63.75 2.37 0.00	59.74 2.11 0.00	44.60 1.68 0.00	45.54 1.71 0.00	44.01 1.69 0.00	44.98 1.77 0.00	44.81 1.83 0.00	44.22 1.91 0.00	42.25 1.95 0.00	45.48 2.14 0.00	53.74 2.50 0.00	54.75 2.58 0.00	57.03 2.72 0.00	45.80 2.18 0.00	60.71 2.58 0.00	70.05 2.94 0.00	75.73 3.07 0.00	71.97 2.71 0.00	61.00 2.40 0.00	59.53 2.25 0.00	78.78 2.80 0.00	64.45 2.37 0.00	52.54 1.85 0.00	48.08 1.73 0.00
V_A_10_SYNC_DSASP 323832	58.28 -3.10 0.00	54.82 -2.81 0.00	40.77 -2.15 0.00	41.67 -2.16 0.00	40.22 -2.11 0.00	40.94 -2.27 0.00	40.82 -2.16 0.00	39.92 -2.39 0.00	37.77 -2.53 0.00	40.92 -2.42 0.00	47.99 -3.22 0.03	45.73 -3.16 3.28	48.16 -3.43 2.73	40.18 -3.11 0.33	53.73 -4.40 0.00	57.33 -5.31 4.47	56.41 -5.71 10.54	56.05 -4.86 8.35	46.87 -4.45 7.27	53.46 -3.72 0.10	71.73 -4.25 0.00	58.77 -3.32 0.00	48.63 -2.05 0.00	44.66 -1.68 0.00
V_CMM_10_SYNC_DSASP 323787	62.02 0.64 0.00	58.19 0.56 0.00	43.31 0.39 0.00	44.26 0.43 0.00	42.67 0.35 0.00	43.51 0.30 0.00	43.19 0.21 0.00	42.50 0.19 0.00	40.38 0.09 0.00	43.36 0.02 0.00	51.45 0.20 0.00	52.22 0.05 0.00	54.29 -0.02 0.00	43.64 0.02 0.00	58.63 0.50 0.00	67.62 0.51 0.00	73.20 0.55 0.00	69.86 0.59 0.00	58.94 0.34 0.00	57.68 0.40 0.00	76.75 0.77 0.00	62.74 0.66 0.00	51.36 0.67 0.00	46.93 0.58 0.00
V_CMP_10_SYNC_DSASP 323788	63.38 2.00 0.00	59.36 1.73 0.00	44.21 1.28 0.00	45.21 1.38 0.00	43.61 1.29 0.00	44.40 1.19 0.00	43.79 0.80 0.00	42.93 0.61 0.00	40.77 0.47 0.00	43.75 0.41 0.00	52.03 0.78 0.00	52.65 0.49 0.00	54.61 0.30 0.00	43.89 0.28 0.00	58.91 0.78 0.00	68.01 0.90 0.00	73.49 0.83 0.00	70.07 0.80 0.00	58.99 0.39 0.00	57.62 0.34 0.00	76.77 0.79 0.00	62.87 0.78 0.00	51.44 0.75 0.00	46.89 0.54 0.00
V_D_10_SYNC_DSASP 323841	62.50 1.12 0.00	58.68 1.05 0.00	43.65 0.73 0.00	44.58 0.75 0.00	42.98 0.66 0.00	43.80 0.59 0.00	43.47 0.49 0.00	42.77 0.47 0.00	40.66 0.36 0.00	43.65 0.31 0.00	51.81 0.57 0.00	52.58 0.41 0.00	54.67 0.36 0.00	43.95 0.33 0.00	59.03 0.91 0.00	68.08 0.97 0.00	73.65 0.99 0.00	70.26 0.99 0.00	59.23 0.63 0.00	57.96 0.68 0.00	77.18 1.20 0.00	63.12 1.04 0.00	51.71 1.02 0.00	47.24 0.90 0.00
V_E_10_SYNC_DSASP 323830	63.09 1.71 0.00	58.77 1.14 0.00	43.78 0.86 0.00	44.87 1.04 0.00	43.09 0.77 0.00	43.76 0.55 0.00	43.14 0.16 0.00	42.42 0.11 0.00	40.61 0.31 0.00	43.75 0.41 0.00	51.69 0.43 -0.02	54.72 0.84 -1.71	56.60 0.87 -1.42	44.30 0.51 -0.17	58.63 0.51 0.00	70.63 1.20 -2.33	80.35 2.21 -5.48	76.33 2.72 -4.34	64.57 2.19 -3.78	60.54 3.21 -0.05	78.97 2.99 0.00	63.65 1.56 0.00	51.50 0.82 0.00	47.20 0.85 0.00

V_F_30_NSYNC___DSASP 323816	64.89 3.51 0.00	60.73 3.11 0.00	45.28 2.36 0.00	46.26 2.44 0.00	44.64 2.32 0.00	45.67 2.47 0.00	45.55 2.57 0.00	45.01 2.70 0.00	43.00 2.71 0.00	46.35 3.01 0.00	54.76 3.51 0.00	55.81 3.65 0.00	58.14 3.83 0.00	46.66 3.04 0.00	61.90 3.78 0.00	71.45 4.34 0.00	77.32 4.66 0.00	73.48 4.21 0.00	62.22 3.62 0.00	60.70 3.42 0.00	80.25 4.27 0.00	65.61 3.52 0.00	53.45 2.76 0.00	48.87 2.52 0.00
V_F_30_SYNC_DSASP 323786	63.02 1.64 0.00	59.12 1.49 0.00	44.22 1.30 0.00	45.14 1.32 0.00	43.64 1.32 0.00	44.60 1.38 0.00	44.45 1.46 0.00	43.82 1.51 0.00	41.88 1.59 0.00	45.07 1.73 0.00	53.28 2.04 0.00	54.26 2.09 0.00	56.51 2.20 0.00	45.43 1.82 0.00	60.15 2.02 0.00	69.31 2.20 0.00	74.98 2.33 0.00	71.26 2.00 0.00	60.51 1.91 0.00	58.99 1.71 0.00	77.90 1.92 0.00	63.77 1.68 0.00	52.01 1.33 0.00	47.63 1.29 0.00
V_XM_10_SYNC_DSASP 323789	63.38 2.00 0.00	59.36 1.73 0.00	44.21 1.28 0.00	45.21 1.38 0.00	43.61 1.29 0.00	44.40 1.19 0.00	43.79 0.80 0.00	42.93 0.61 0.00	40.77 0.47 0.00	43.75 0.41 0.00	52.03 0.78 0.00	52.65 0.49 0.00	54.61 0.30 0.00	43.89 0.28 0.00	58.91 0.78 0.00	68.01 0.90 0.00	73.49 0.83 0.00	70.07 0.80 0.00	58.99 0.39 0.00	57.62 0.34 0.00	76.77 0.79 0.00	62.87 0.78 0.00	51.44 0.75 0.00	46.89 0.54 0.00
W.BABYLN_69_KV_BK1 56697	65.71 4.33 0.00	61.56 3.93 0.00	45.83 2.91 0.00	46.61 2.79 0.00	45.07 2.74 0.00	46.04 2.83 0.00	45.88 2.90 0.00	45.41 3.10 0.00	43.53 3.24 0.00	46.93 3.59 0.00	56.00 4.76 0.00	57.20 5.03 0.00	59.47 5.16 0.00	47.51 3.89 -1.15	63.63 4.35 -1.71	74.01 5.19 -1.99	80.56 5.91 0.00	74.43 5.17 0.00	63.13 4.53 0.00	61.34 4.06 0.00	81.28 5.30 0.00	66.43 4.34 0.00	53.78 3.09 0.00	49.01 2.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	63.84 2.46 0.00	59.84 2.21 0.00	44.60 1.67 0.00	45.50 1.67 0.00	44.02 1.69 0.00	45.01 1.80 0.00	44.91 1.93 0.00	44.46 2.15 0.00	42.54 2.24 0.00	45.78 2.44 0.00	54.17 2.93 0.00	55.21 3.04 0.00	57.57 3.26 0.00	46.30 2.69 0.00	61.17 3.05 0.00	70.54 3.43 0.00	76.35 3.69 0.00	72.49 3.23 0.00	61.55 2.95 0.00	59.95 2.67 0.00	79.32 3.34 0.00	64.86 2.78 0.00	52.67 1.99 0.00	47.99 1.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	64.19 2.80 0.00	60.19 2.56 0.00	44.84 1.91 0.00	45.84 2.02 0.00	44.39 2.06 0.00	45.36 2.15 0.00	45.24 2.25 0.00	44.83 2.52 0.00	42.92 2.62 0.00	46.06 2.72 0.00	54.55 3.31 0.00	55.63 3.46 0.00	58.03 3.72 0.00	46.67 3.05 0.00	61.57 3.44 0.00	70.99 3.88 0.00	76.75 4.10 0.00	72.85 3.59 0.00	61.93 3.34 0.00	60.31 3.02 0.00	79.71 3.73 0.00	65.23 3.15 0.00	52.93 2.25 0.00	48.20 1.86 0.00
W50THST__13_KV_LOAD 356117	64.41 3.02 0.00	60.38 2.75 0.00	44.97 2.05 0.00	45.99 2.17 0.00	44.53 2.20 0.00	45.50 2.29 0.00	45.38 2.40 0.00	44.98 2.67 0.00	43.05 2.76 0.00	46.23 2.89 0.00	54.75 3.50 0.00	55.83 3.66 0.00	58.24 3.93 0.00	46.84 3.22 0.00	61.78 3.65 0.00	71.24 4.13 0.00	77.04 4.38 0.00	73.12 3.86 0.00	62.16 3.56 0.00	60.53 3.24 0.00	79.99 4.02 0.00	65.46 3.37 0.00	53.11 2.43 0.00	48.38 2.03 0.00
WADING RIVER_IC_1 23522	66.12 4.74 0.00	61.88 4.25 0.00	46.09 3.17 0.00	46.79 2.97 0.00	45.22 2.90 0.00	46.14 2.92 0.00	45.84 2.86 0.00	45.25 2.94 0.00	43.39 3.10 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.04 4.87 0.00	59.35 5.04 0.00	47.32 3.71 -4.36	65.85 3.36 -6.49	78.27 4.66 -7.55	85.69 5.49 0.00	74.05 4.79 0.00	62.78 4.19 0.00	60.94 3.66 0.00	80.72 4.74 -0.01	65.96 3.87 -0.01	53.37 2.68 0.00	48.65 2.30 0.00
WADING RIVER_IC_2 23547	66.12 4.74 0.00	61.88 4.25 0.00	46.09 3.17 0.00	46.79 2.97 0.00	45.22 2.90 0.00	46.14 2.92 0.00	45.84 2.86 0.00	45.25 2.94 0.00	43.39 3.10 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.04 4.87 0.00	59.35 5.04 0.00	47.32 3.71 -4.36	65.85 3.36 -6.49	78.27 4.66 -7.55	85.69 5.49 0.00	74.05 4.79 0.00	62.78 4.19 0.00	60.94 3.66 0.00	80.72 4.74 -0.01	65.96 3.87 -0.01	53.37 2.68 0.00	48.65 2.30 0.00
WADING RIVER_IC_3 23601	66.12 4.74 0.00	61.88 4.25 0.00	46.09 3.17 0.00	46.79 2.97 0.00	45.22 2.90 0.00	46.14 2.92 0.00	45.84 2.86 0.00	45.25 2.94 0.00	43.39 3.10 0.00	46.75 3.41 0.00	55.85 4.60 0.00	57.04 4.87 0.00	59.35 5.04 0.00	47.32 3.71 -4.36	65.85 3.36 -6.49	78.27 4.66 -7.55	85.69 5.49 0.00	74.05 4.79 0.00	62.78 4.19 0.00	60.94 3.66 0.00	80.72 4.74 -0.01	65.96 3.87 -0.01	53.37 2.68 0.00	48.65 2.30 0.00
WALDENNY_12_KV_BK2 80841	58.72 -2.67 0.00	55.28 -2.35 0.00	41.02 -1.90 0.00	41.86 -1.97 0.00	40.35 -1.98 0.00	41.03 -2.18 0.00	40.93 -2.06 0.00	39.98 -2.33 0.00	37.80 -2.49 0.00	41.03 -2.31 0.00	48.00 -3.19 0.05	43.26 -3.00 5.91	46.12 -3.27 4.91	40.02 -2.99 0.59	53.79 -4.34 0.00	53.82 -5.23 8.06	47.94 -5.71 19.00	49.47 -4.74 15.05	41.07 -4.42 13.11	53.53 -3.57 0.18	72.08 -3.89 0.00	59.08 -3.01 0.00	48.96 -1.72 0.00	44.92 -1.43 0.00
WALDEN___HYDRO 24148	63.69 2.30 0.00	59.70 2.07 0.00	44.49 1.57 0.00	45.41 1.58 0.00	43.92 1.60 0.00	44.91 1.70 0.00	44.80 1.82 0.00	44.33 2.02 0.00	42.41 2.11 0.00	45.65 2.31 0.00	53.99 2.75 0.00	55.05 2.88 0.00	57.38 3.07 0.00	46.15 2.53 0.00	60.98 2.85 0.00	70.33 3.22 0.00	76.13 3.47 0.00	72.35 3.09 0.00	61.40 2.80 0.00	59.80 2.52 0.00	79.11 3.14 0.00	64.65 2.57 0.00	52.54 1.86 0.00	47.89 1.54 0.00
WARRENSBURG____ 23737	66.02 4.64 0.00	61.65 4.02 0.00	45.93 3.01 0.00	46.92 3.09 0.00	45.19 2.86 0.00	46.30 3.09 0.00	46.25 3.27 0.00	45.80 3.49 0.00	43.79 3.50 0.00	47.23 3.89 0.00	55.87 4.63 0.00	56.97 4.80 0.00	59.35 5.04 0.00	47.62 4.00 0.00	63.09 4.96 0.00	72.90 5.78 0.00	78.93 6.27 0.00	74.87 5.60 0.00	63.37 4.77 0.00	61.77 4.49 0.00	81.50 5.52 0.00	66.68 4.59 0.00	54.28 3.59 0.00	49.61 3.27 0.00
WATERSIDE___6 8 9 23538	64.27 2.89 0.00	60.24 2.61 0.00	44.86 1.94 0.00	45.89 2.06 0.00	44.44 2.12 0.00	45.37 2.16 0.00	45.25 2.27 0.00	44.86 2.56 0.00	42.94 2.65 0.00	46.10 2.76 0.00	54.60 3.36 0.00	55.70 3.53 0.00	58.10 3.79 0.00	46.72 3.11 0.00	61.55 3.42 0.00	71.06 3.95 0.00	76.80 4.14 0.00	72.89 3.63 0.00	62.05 3.45 0.00	60.35 3.07 0.00	79.76 3.78 0.00	65.27 3.19 0.00	52.97 2.29 0.00	48.23 1.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	62.98 1.59 0.00	58.98 1.35 0.00	43.91 0.99 0.00	44.83 1.00 0.00	43.33 1.01 0.00	44.23 1.02 0.00	44.09 1.12 0.00	43.48 1.17 0.00	41.55 1.25 0.00	44.67 1.33 0.00	52.79 1.55 0.00	53.93 1.76 0.00	56.29 1.98 0.00	45.22 1.60 0.00	60.07 1.94 0.00	69.35 2.24 0.00	75.13 2.47 0.00	71.42 2.16 0.00	60.50 1.90 0.00	59.02 1.74 0.00	78.16 2.19 0.00	63.80 1.72 0.00	51.88 1.20 0.00	47.40 1.05 0.00

WDELAWARE___HYD 323627	63.04 1.66 0.00	59.08 1.45 0.00	44.01 1.09 0.00	44.91 1.09 0.00	43.44 1.12 0.00	44.42 1.21 0.00	44.34 1.36 0.00	43.88 1.57 0.00	41.98 1.69 0.00	45.23 1.89 0.00	53.51 2.26 0.00	54.58 2.41 0.00	56.88 2.57 0.00	45.75 2.13 0.00	60.47 2.35 0.00	69.77 2.66 0.00	75.55 2.90 0.00	71.85 2.58 0.00	60.93 2.33 0.00	59.34 2.06 0.00	78.49 2.51 0.00	64.08 1.99 0.00	52.05 1.36 0.00	47.41 1.06 0.00
WEST BABYLON___IC 23714	65.71 4.33 0.00	61.56 3.93 0.00	45.83 2.91 0.00	46.61 2.79 0.00	45.07 2.74 0.00	46.04 2.83 0.00	45.88 2.90 0.00	45.41 3.10 0.00	43.53 3.24 0.00	46.93 3.59 0.00	56.00 4.76 0.00	57.20 5.03 0.00	59.47 5.16 0.00	47.51 3.89 0.00	63.63 4.35 -1.15	74.01 5.19 -1.71	80.56 5.91 -1.99	74.43 5.17 0.00	63.13 4.53 0.00	61.34 4.06 0.00	81.28 5.30 0.00	66.43 4.34 0.00	53.78 3.09 0.00	49.01 2.66 0.00
WEST CANADA___HYD 24049	61.61 0.23 0.00	57.80 0.17 0.00	43.05 0.13 0.00	43.96 0.13 0.00	42.45 0.13 0.00	43.34 0.13 0.00	43.15 0.17 0.00	42.48 0.17 0.00	40.50 0.20 0.00	43.55 0.21 0.00	51.48 0.24 0.00	52.43 0.26 0.00	54.64 0.33 0.00	43.87 0.25 0.00	58.30 0.17 0.00	67.31 0.20 0.00	72.82 0.16 0.00	69.40 0.14 0.00	58.72 0.12 0.00	57.39 0.11 0.00	76.06 0.08 0.00	62.20 0.12 0.00	50.74 0.05 0.00	46.39 0.05 0.00
WESTERN_NY_WIND 24143	59.92 -1.46 0.00	56.38 -1.24 0.00	41.95 -0.97 0.00	42.88 -0.95 0.00	41.40 -0.93 0.00	42.15 -1.06 0.00	42.13 -0.85 0.00	41.19 -1.12 0.00	38.95 -1.35 0.00	42.29 -1.05 0.00	49.45 -1.76 0.03	47.01 -1.65 3.52	49.21 -2.18 2.93	41.34 -1.92 0.35	55.57 -2.56 0.00	59.24 -3.08 4.80	58.09 -3.26 11.31	57.85 -2.45 8.96	48.32 -2.48 7.80	55.44 -1.74 0.11	74.31 -1.67 0.00	60.78 -1.31 0.00	50.22 -0.47 0.00	46.00 -0.34 0.00
WESTOVER___LESR 323668	60.49 -0.90 0.00	56.83 -0.79 0.00	42.21 -0.71 0.00	43.12 -0.71 0.00	41.67 -0.66 0.00	42.48 -0.73 0.00	42.29 -0.69 0.00	41.64 -0.67 0.00	39.64 -0.65 0.00	42.77 -0.57 0.00	50.48 -0.78 -0.01	52.76 -0.67 -1.26	54.69 -0.67 -1.05	43.08 -0.67 -0.13	56.77 -1.36 0.00	67.39 -1.44 -1.72	75.20 -1.52 -4.06	71.25 -1.23 -3.22	60.20 -1.21 -2.80	56.47 -0.84 -0.04	74.90 -1.08 0.00	61.11 -0.98 0.00	49.90 -0.79 0.00	45.57 -0.78 0.00
WETHRSFD_WT_PWR 323626	57.76 -3.62 0.00	54.58 -3.04 0.00	40.21 -2.71 0.00	40.91 -2.92 0.00	39.32 -3.00 0.00	39.77 -3.44 0.00	39.58 -3.41 0.00	38.77 -3.54 0.00	36.75 -3.55 0.00	39.83 -3.51 0.00	46.45 -4.60 0.19	25.92 -4.61 21.64	31.41 -4.91 18.00	37.24 -4.20 2.18	52.18 -5.95 0.00	30.69 -6.92 29.50	-4.41 -7.49 69.57	7.49 -6.67 55.10	4.66 -5.95 47.99	51.39 -5.24 0.66	69.78 -6.20 0.00	57.21 -4.87 0.00	47.29 -3.40 0.00	43.39 -2.95 0.00
WHAVSTOR_138KV_BK127 55557	63.52 2.14 0.00	59.53 1.90 0.00	44.36 1.44 0.00	45.28 1.45 0.00	43.80 1.48 0.00	44.78 1.57 0.00	44.68 1.69 0.00	44.22 1.92 0.00	42.31 2.01 0.00	45.53 2.18 0.00	53.86 2.62 0.00	54.90 2.73 0.00	57.24 2.93 0.00	46.04 2.42 0.00	60.82 2.69 0.00	70.10 2.99 0.00	75.86 3.21 0.00	72.02 2.75 0.00	61.16 2.56 0.00	59.56 2.28 0.00	78.81 2.83 0.00	64.45 2.37 0.00	52.37 1.68 0.00	47.72 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	63.52 2.14 0.00	59.53 1.90 0.00	44.36 1.44 0.00	45.28 1.45 0.00	43.80 1.48 0.00	44.78 1.57 0.00	44.68 1.69 0.00	44.22 1.92 0.00	42.31 2.01 0.00	45.53 2.18 0.00	53.86 2.62 0.00	54.90 2.73 0.00	57.24 2.93 0.00	46.04 2.42 0.00	60.82 2.69 0.00	70.10 2.99 0.00	75.86 3.21 0.00	72.02 2.75 0.00	61.16 2.56 0.00	59.56 2.28 0.00	78.81 2.83 0.00	64.45 2.37 0.00	52.37 1.68 0.00	47.72 1.37 0.00
WHITEHAL_115KV_TB1 80871	67.80 6.42 0.00	63.19 5.56 0.00	47.20 4.28 0.00	48.28 4.45 0.00	46.36 4.03 0.00	47.07 3.86 0.00	47.03 4.05 0.00	46.66 4.35 0.00	44.69 4.40 0.00	48.15 4.80 0.00	57.01 5.76 0.00	58.10 5.93 0.00	60.56 6.25 0.00	48.54 4.92 0.00	64.36 6.23 0.00	74.54 7.43 0.00	80.77 8.11 0.00	76.55 7.28 0.00	64.78 6.18 0.00	63.31 6.03 0.00	83.36 7.38 0.00	68.02 5.93 0.00	55.57 4.88 0.00	50.64 4.29 0.00
WHITEPLN_13_KV_LOAD 356215	64.46 3.08 0.00	60.36 2.73 0.00	44.97 2.05 0.00	45.92 2.09 0.00	44.43 2.11 0.00	45.40 2.19 0.00	45.30 2.32 0.00	44.85 2.55 0.00	42.92 2.63 0.00	46.17 2.83 0.00	54.66 3.41 0.00	55.74 3.57 0.00	58.13 3.82 0.00	46.74 3.13 0.00	61.71 3.58 0.00	71.18 4.06 0.00	77.03 4.37 0.00	73.15 3.89 0.00	62.13 3.53 0.00	60.49 3.21 0.00	80.02 4.04 0.00	65.41 3.33 0.00	53.11 2.43 0.00	48.38 2.04 0.00
WM_FLOYD_69_KV_BK2 356380	65.92 4.54 0.00	61.69 4.06 0.00	45.94 3.02 0.00	46.68 2.85 0.00	45.11 2.78 0.00	46.03 2.81 0.00	45.78 2.80 0.00	45.19 2.88 0.00	43.36 3.06 0.00	46.74 3.40 0.00	55.84 4.59 0.00	57.05 4.87 0.00	59.35 5.04 0.00	47.33 3.71 0.00	65.90 3.62 -4.15	77.94 4.65 -6.18	85.31 5.47 -7.18	74.04 4.78 0.00	62.79 4.18 0.00	60.93 3.65 0.00	80.73 4.75 -0.01	65.99 3.90 -0.01	53.39 2.71 0.00	48.67 2.33 0.00
WOODARD___115KV_TB2 355635	60.25 -1.13 0.00	56.66 -0.97 0.00	42.15 -0.77 0.00	43.02 -0.81 0.00	41.57 -0.76 0.00	42.44 -0.77 0.00	42.23 -0.75 0.00	41.48 -0.83 0.00	39.44 -0.86 0.00	42.42 -0.92 0.00	50.12 -1.13 0.00	51.09 -1.08 0.00	53.20 -1.11 0.00	42.67 -0.95 0.00	56.65 -1.48 0.00	65.44 -1.67 0.00	70.90 -1.76 0.00	67.72 -1.54 0.00	57.22 -1.38 0.00	56.03 -1.25 0.00	74.32 -1.65 0.00	60.66 -1.43 0.00	49.51 -1.18 0.00	45.26 -1.08 0.00
WOODMERE_69_KV_BK1 55827	65.42 4.04 0.00	61.30 3.68 0.00	45.65 2.73 0.00	46.46 2.63 0.00	44.97 2.64 0.00	45.96 2.75 0.00	45.84 2.86 0.00	45.37 3.06 0.00	43.49 3.20 0.00	46.86 3.52 0.00	55.76 4.52 0.00	56.90 4.73 0.00	59.13 4.82 0.00	47.38 3.77 0.00	62.41 4.28 0.00	72.11 5.00 0.00	78.29 5.62 -0.01	74.26 4.99 0.00	63.01 4.41 0.00	61.28 4.00 0.00	81.10 5.13 0.00	66.27 4.19 0.00	53.73 3.04 0.00	48.95 2.61 0.00
YORK___WARBASSE 23770	64.42 3.04 0.00	60.35 2.73 0.00	44.93 2.01 0.00	45.94 2.12 0.00	44.48 2.15 0.00	45.41 2.20 0.00	45.33 2.35 0.00	44.92 2.61 0.00	43.00 2.71 0.00	46.18 2.85 0.00	54.71 3.47 0.00	55.79 3.63 0.00	58.23 3.91 0.00	46.84 3.22 0.00	61.71 3.59 0.00	71.22 4.10 0.00	76.93 4.28 0.00	73.08 3.82 0.00	62.28 3.68 0.00	60.55 3.27 0.00	80.01 4.03 0.00	65.49 3.40 0.00	53.16 2.47 0.00	48.38 2.04 0.00