

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/15/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	48.66	45.27	40.81	36.96	37.03	39.73	44.40	47.02	47.99	48.45	48.93	54.62	55.51	63.59	67.07	70.76	80.19	83.63	81.02	76.28	68.94	60.62	53.62	49.41
24138	2.10	1.91	1.65	1.56	1.49	1.67	2.03	2.28	2.84	3.17	3.23	2.82	2.97	2.88	2.90	3.30	4.75	5.69	4.95	3.28	1.48	0.78	1.05	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.22	-0.47	-0.46	-0.80	-1.11	-1.37	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	48.71	45.31	40.85	37.00	37.07	39.73	44.40	47.02	47.95	48.45	48.88	54.62	55.41	63.53	67.00	70.63	80.04	83.55	80.95	76.28	68.94	60.68	53.67	49.46
24260	2.14	1.95	1.68	1.59	1.53	1.67	2.03	2.28	2.80	3.17	3.18	2.82	2.86	2.82	2.84	3.17	4.60	5.61	4.87	3.28	1.48	0.84	1.10	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.22	-0.47	-0.46	-0.80	-1.11	-1.37	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	48.71	45.31	40.85	37.00	37.07	39.73	44.40	47.02	47.95	48.45	48.88	54.62	55.41	63.53	67.00	70.63	80.04	83.55	80.95	76.28	68.94	60.68	53.67	49.46
24261	2.14	1.95	1.68	1.59	1.53	1.67	2.03	2.28	2.80	3.17	3.18	2.82	2.86	2.82	2.84	3.17	4.60	5.61	4.87	3.28	1.48	0.84	1.10	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.22	-0.47	-0.46	-0.80	-1.11	-1.37	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	48.24	44.71	40.46	36.61	36.78	39.42	43.77	46.17	46.41	46.14	45.50	50.91	51.67	59.26	62.51	66.07	77.75	81.92	81.02	77.30	70.69	62.11	54.41	49.75
24011	1.68	1.34	1.29	1.20	1.24	1.37	1.40	1.43	1.26	0.86	0.23	0.00	0.00	0.06	0.44	1.19	2.49	3.98	4.95	4.31	3.24	2.27	1.84	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.42	0.41	0.71	0.99	1.22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	48.34	44.75	40.50	36.61	36.78	39.46	43.81	46.21	46.46	46.13	45.42	50.97	51.57	59.27	62.53	66.15	77.90	82.15	81.32	77.45	71.03	62.29	54.52	49.84
23798	1.77	1.39	1.33	1.20	1.24	1.41	1.44	1.47	1.31	0.86	0.14	0.05	-0.10	0.06	0.44	1.25	2.64	4.21	5.25	4.45	3.57	2.45	1.95	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.41	0.40	0.70	0.97	1.20	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	48.24	44.71	40.46	36.61	36.78	39.42	43.77	46.17	46.41	46.14	45.50	50.91	51.67	59.26	62.51	66.07	77.75	81.92	81.02	77.30	70.69	62.11	54.41	49.75
24028	1.68	1.34	1.29	1.20	1.24	1.37	1.40	1.43	1.26	0.86	0.23	0.00	0.00	0.06	0.44	1.19	2.49	3.98	4.95	4.31	3.24	2.27	1.84	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.42	0.41	0.71	0.99	1.22	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	47.78	44.31	40.23	36.50	36.64	39.19	43.64	46.17	46.63	46.54	45.99	51.27	51.90	58.99	61.56	64.38	77.11	81.37	79.51	75.33	68.80	60.61	53.36	48.83
23527	1.21	0.95	1.06	1.10	1.10	1.14	1.27	1.43	1.49	1.27	0.96	0.87	0.73	0.66	0.69	0.99	1.96	3.43	3.43	2.34	1.35	0.78	0.79	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.93	0.91	1.59	2.20	2.71	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	45.96	42.71	38.70	35.12	35.29	37.71	41.86	44.20	44.65	44.64	44.54	49.81	50.55	57.89	60.80	63.84	74.45	77.94	76.08	72.41	66.17	58.34	51.36	47.14
24190	-0.61	-0.65	-0.47	-0.28	-0.25	-0.34	-0.51	-0.54	-0.50	-0.63	-0.77	-1.18	-1.20	-1.44	-1.45	-1.26	-0.83	0.00	0.00	-0.58	-1.28	-1.50	-1.21	-1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.34	0.34	0.59	0.81	1.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	47.22	44.01	39.80	35.94	36.07	38.59	43.09	45.32	45.51	45.46	45.61	51.58	52.24	59.97	62.99	65.43	73.92	74.81	73.26	70.95	67.32	60.44	53.20	48.88
355683	0.65	0.65	0.63	0.53	0.53	0.53	0.72	0.58	0.36	0.18	0.14	0.26	0.16	0.06	-0.06	-0.66	-1.43	-3.27	-2.81	-2.04	-0.13	0.60	0.63	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	46.34	43.01	38.97	35.30	35.43	37.90	42.03	44.25	44.42	44.24	44.14	49.51	50.14	57.49	60.51	63.72	73.79	77.48	76.16	72.63	66.65	58.76	51.73	47.43
323833	-0.23	-0.35	-0.19	-0.11	-0.11	-0.15	-0.34	-0.49	-0.72	-1.04	-1.23	-1.59	-1.72	-2.04	-2.02	-1.72	-1.51	-0.46	0.08	-0.36	-0.81	-1.08	-0.84	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.22	0.22	0.38	0.53	0.65	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	46.29	42.97	38.93	35.26	35.43	37.86	42.03	44.21	44.42	44.19	44.14	49.51	50.14	57.49	60.51	63.66	73.79	77.48	76.08	72.63	66.65	58.76	51.68	47.43
323834	-0.28	-0.39	-0.23	-0.14	-0.11	-0.19	-0.34	-0.53	-0.72	-1.09	-1.23	-1.59	-1.72	-2.04	-2.02	-1.78	-1.51	-0.46	0.00	-0.36	-0.81	-1.08	-0.89	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.22	0.22	0.38	0.53	0.65	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	45.96	42.71	38.70	35.12	35.29	37.71	41.86	44.20	44.65	44.64	44.54	49.81	50.55	57.89	60.80	63.84	74.45	77.94	76.08	72.41	66.17	58.34	51.36	47.14
23571	-0.61	-0.65	-0.47	-0.28	-0.25	-0.34	-0.51	-0.54	-0.50	-0.63	-0.77	-1.18	-1.20	-1.44	-1.45	-1.26	-0.83	0.00	0.00	-0.58	-1.28	-1.50	-1.21	-1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.34	0.34	0.59	0.81	1.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	45.96 -0.61 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.86 -0.51 0.00	44.20 -0.54 0.00	44.65 -0.50 0.00	44.64 -0.63 0.00	44.54 -0.77 0.16	49.81 -1.18 0.34	50.55 -1.20 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.45 -0.83 0.07	77.94 0.00 0.00	76.08 0.00 0.00	72.41 -0.58 0.00	66.17 -1.28 0.00	58.34 -1.50 0.00	51.36 -1.21 0.00	47.14 -1.11 0.00
ALBANY___3 23573	45.96 -0.61 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.86 -0.51 0.00	44.20 -0.54 0.00	44.65 -0.50 0.00	44.64 -0.63 0.00	44.54 -0.77 0.16	49.81 -1.18 0.34	50.55 -1.20 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.45 -0.83 0.07	77.94 0.00 0.00	76.08 0.00 0.00	72.41 -0.58 0.00	66.17 -1.28 0.00	58.34 -1.50 0.00	51.36 -1.21 0.00	47.14 -1.11 0.00
ALBANY___4 23574	45.96 -0.61 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.86 -0.51 0.00	44.20 -0.54 0.00	44.65 -0.50 0.00	44.64 -0.63 0.00	44.54 -0.77 0.16	49.81 -1.18 0.34	50.55 -1.20 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.45 -0.83 0.07	77.94 0.00 0.00	76.08 0.00 0.00	72.41 -0.58 0.00	66.17 -1.28 0.00	58.34 -1.50 0.00	51.36 -1.21 0.00	47.14 -1.11 0.00
ALBANY___LFGE 323615	46.61 0.05 0.00	43.27 -0.09 0.00	39.17 0.00 0.00	35.55 0.14 0.00	35.68 0.14 0.00	38.13 0.08 0.00	42.41 0.04 0.00	44.79 0.04 0.00	45.28 0.14 0.00	45.23 -0.05 0.00	45.07 -0.23 0.18	50.54 -0.41 0.37	51.19 -0.52 0.37	58.61 -0.66 0.64	61.54 -0.63 0.89	64.74 -0.26 1.09	75.57 0.30 0.08	79.11 1.17 0.00	77.29 1.21 0.00	73.43 0.44 0.00	67.19 -0.27 0.00	59.18 -0.66 0.00	52.04 -0.53 0.00	47.72 -0.53 0.00
ALCOA_PA_115KV_PL-6C 55860	47.50 0.93 0.00	44.27 0.91 0.00	40.03 0.86 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.34 0.97 0.00	45.55 0.81 0.00	45.69 0.54 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.69 0.36 0.00	52.29 0.21 0.00	60.03 0.12 0.00	63.06 0.00 0.00	65.43 -0.66 0.00	73.92 -1.43 0.00	74.18 -3.98 -0.22	72.66 -3.42 0.00	70.36 -2.63 0.00	67.59 0.13 0.00	60.80 0.96 0.00	53.52 0.95 0.00	49.17 0.92 0.00
ALCOA_RYNLDS___DRP 24188	47.50 0.93 0.00	44.27 0.91 0.00	40.03 0.86 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.34 0.97 0.00	45.55 0.81 0.00	45.69 0.54 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.69 0.36 0.00	52.29 0.21 0.00	60.03 0.12 0.00	63.06 0.00 0.00	65.43 -0.66 0.00	73.92 -1.43 0.00	74.18 -3.98 -0.22	72.66 -3.42 0.00	70.36 -2.63 0.00	67.59 0.13 0.00	60.80 0.96 0.00	53.52 0.95 0.00	49.17 0.92 0.00
ALCOA___DSASP 323711	47.50 0.93 0.00	44.31 0.95 0.00	40.03 0.86 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.34 0.98 0.00	45.55 0.81 0.00	45.69 0.54 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.69 0.36 0.00	52.34 0.26 0.00	60.03 0.12 0.00	63.06 0.00 0.00	65.37 -0.73 0.00	73.91 -1.43 0.00	74.19 -3.97 -0.22	72.66 -3.42 0.00	72.12 -0.87 0.00	67.59 0.14 0.00	60.79 0.95 0.00	53.52 0.95 0.00	49.16 0.91 0.00
ALLEGHENY___COGEN 23514	47.55 0.98 0.00	44.49 1.13 0.00	39.60 0.43 0.00	35.48 0.07 0.00	35.72 0.18 0.00	38.13 0.08 0.00	42.63 0.26 0.00	44.70 -0.04 0.00	44.06 -1.08 0.00	44.41 -0.86 0.00	45.11 -0.37 0.00	51.17 -0.15 0.00	52.76 0.68 0.00	61.05 1.14 0.00	64.57 1.51 0.00	68.47 2.38 0.00	79.26 3.92 0.00	84.18 6.24 0.00	83.23 7.15 0.00	79.63 6.64 0.00	73.73 6.27 0.00	64.80 4.96 0.00	56.51 3.94 0.00	53.17 4.92 0.00
ALTAMONT_115KV_TB 2 55880	46.71 0.14 0.00	43.45 0.09 0.00	39.36 0.20 0.00	35.65 0.25 0.00	35.79 0.25 0.00	38.28 0.23 0.00	42.54 0.17 0.00	44.92 0.18 0.00	45.37 0.23 0.00	45.41 0.14 0.00	45.37 0.00 0.11	50.85 -0.26 0.22	51.65 -0.21 0.22	59.17 -0.36 0.38	62.21 -0.32 0.53	65.31 -0.13 0.65	75.75 0.45 0.05	79.19 1.25 0.00	77.30 1.22 0.00	73.65 0.66 0.00	67.39 -0.07 0.00	59.48 -0.36 0.00	52.31 -0.26 0.00	48.01 -0.24 0.00
ALTONA_WT_PWR 323606	47.13 0.56 0.00	44.10 0.74 0.00	39.83 0.67 0.00	35.97 0.56 0.00	36.14 0.60 0.00	38.70 0.65 0.00	43.26 0.89 0.00	45.32 0.58 0.00	45.51 0.36 0.00	45.50 0.23 0.00	45.84 0.36 0.00	51.64 0.31 0.00	52.29 0.21 0.00	60.03 0.12 0.00	63.12 0.06 0.00	65.50 -0.60 0.00	74.07 -1.28 0.00	75.16 -2.80 -0.02	73.64 -2.44 0.00	72.19 -0.80 0.00	67.52 0.07 0.00	60.50 0.66 0.00	53.20 0.63 0.00	48.88 0.63 0.00
AMERICAN_REF_FUEL 24010	45.64 -0.93 0.00	43.32 -0.04 0.00	37.88 -1.29 0.00	34.27 -1.13 0.00	34.48 -1.07 0.00	36.65 -1.41 0.00	40.76 -1.61 0.00	43.00 -1.75 0.00	42.98 -2.17 0.00	44.28 -1.00 0.00	45.52 0.05 0.00	51.84 0.51 0.00	54.01 1.93 0.00	62.13 2.22 0.00	65.20 2.15 0.00	69.59 3.50 0.00	80.17 4.83 0.00	83.86 5.92 0.00	81.10 5.02 0.00	75.76 2.77 0.00	69.75 2.29 0.00	61.57 1.74 0.00	53.99 1.42 0.00	50.18 1.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.22 0.65 0.00	44.53 1.17 0.00	39.41 0.24 0.00	35.41 0.00 0.00	35.65 0.11 0.00	38.05 0.00 0.00	42.58 0.21 0.00	45.19 0.45 0.00	45.15 0.00 0.00	46.41 1.13 0.00	47.84 2.36 0.00	54.62 3.29 0.00	56.87 4.79 0.00	65.54 5.63 0.00	68.98 5.93 0.00	73.69 7.60 0.00	85.29 9.95 0.00	88.85 10.91 0.00	86.35 10.27 0.00	80.51 7.52 0.00	73.73 6.27 0.00	64.87 5.03 0.00	56.51 3.94 0.00	51.97 3.72 0.00
ARTHUR KILL_GT_1 23520	48.52 1.96 0.00	45.53 2.17 0.00	41.09 1.92 0.00	37.18 1.77 0.00	37.21 1.67 0.00	39.92 1.86 0.00	44.49 2.12 0.00	46.93 2.19 0.00	47.49 2.35 0.00	48.05 2.76 -0.01	48.43 2.73 -0.22	53.84 2.05 -0.46	54.67 2.14 -0.45	62.57 1.86 -0.79	65.99 1.83 -1.10	69.70 2.25 -1.36	63.63 3.24 14.95	68.02 4.21 14.13	64.96 3.58 14.70	56.05 2.12 19.05	51.37 0.54 16.62	49.82 -0.06 9.96	48.70 0.11 3.98	49.55 1.30 0.00
ARTHUR_KILL_2 23512	48.25 1.67 -0.01	45.37 2.00 -0.01	40.94 1.76 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.78 1.71 -0.01	44.41 2.03 -0.01	46.67 1.92 -0.01	47.49 2.35 0.00	47.82 2.53 -0.01	48.25 2.55 -0.23	54.04 2.26 -0.46	54.62 2.09 -0.45	62.33 1.62 -0.79	65.67 1.51 -1.10	69.37 1.92 -1.36	63.26 2.86 14.95	67.63 3.82 14.13	64.58 3.19 14.70	55.54 1.60 19.05	50.97 0.14 16.62	49.52 -0.36 9.96	48.49 -0.10 3.98	49.41 1.16 -0.01
ARTHUR_KILL_3 23513	48.20 1.63 0.00	44.75 1.39 0.00	40.34 1.17 0.00	36.57 1.17 0.00	36.61 1.07 0.00	39.27 1.22 0.00	43.89 1.52 0.00	46.48 1.74 0.00	47.67 2.53 0.00	48.00 2.72 -0.01	48.33 2.64 -0.22	54.11 2.31 -0.47	54.68 2.14 -0.46	62.58 1.86 -0.80	65.87 1.70 -1.11	69.51 2.05 -1.37	63.70 3.31 14.96	68.01 4.21 14.14	64.88 3.50 14.70	55.84 1.89 19.05	51.16 0.34 16.63	49.75 -0.12 9.97	48.90 0.32 3.99	48.83 0.58 0.00

ARTHUR_KILL_COGEN 323718	48.44 1.86 -0.01	45.54 2.17 -0.01	41.10 1.92 -0.01	37.18 1.77 -0.01	37.22 1.67 -0.01	39.93 1.86 -0.01	44.54 2.16 -0.01	46.85 2.10 -0.01	47.67 2.53 0.00	48.00 2.72 -0.01	48.43 2.73 -0.23	54.25 2.46 -0.46	54.82 2.29 -0.45	62.62 1.92 -0.79	65.99 1.83 -1.10	69.70 2.25 -1.36	63.71 3.31 14.95	68.02 4.21 14.13	64.96 3.58 14.70	55.91 1.97 19.05	51.37 0.54 16.62	49.82 -0.06 9.96	48.75 0.16 3.98	49.66 1.40 -0.01
ASHOKAN____ 23654	47.96 1.40 0.00	44.49 1.13 0.00	40.07 0.90 0.00	36.25 0.85 0.00	36.32 0.78 0.00	38.78 0.72 0.00	43.13 0.76 0.00	45.28 0.54 0.00	45.60 0.45 0.00	45.55 0.27 0.00	47.66 2.18 0.00	53.64 2.31 0.00	54.53 2.45 0.00	62.79 2.88 0.00	66.33 3.28 0.00	70.12 4.03 0.00	77.30 1.96 0.00	81.84 3.90 0.00	79.81 3.73 0.00	75.48 2.48 0.00	68.73 1.28 0.00	60.68 0.84 0.00	53.46 0.89 0.00	49.07 0.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.86 2.28 -0.01	45.28 1.91 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.81 1.75 -0.01	44.41 2.03 -0.01	46.98 2.24 -0.01	47.99 2.85 0.00	48.45 3.17 -0.01	48.66 2.95 -0.23	54.68 2.87 -0.48	55.20 2.65 -0.46	62.62 1.92 -0.79	65.86 1.70 -1.10	69.56 2.11 -1.36	78.67 3.24 -0.09	82.22 4.28 0.01	79.57 3.50 0.01	74.88 1.89 0.01	67.85 0.41 0.01	59.89 0.06 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	48.86 2.28 -0.01	45.28 1.91 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.81 1.75 -0.01	44.41 2.03 -0.01	46.98 2.24 -0.01	47.99 2.85 0.00	48.45 3.17 -0.01	48.66 2.95 -0.23	54.68 2.87 -0.48	55.20 2.65 -0.46	62.62 1.92 -0.79	65.86 1.70 -1.10	69.56 2.11 -1.36	78.67 3.24 -0.09	82.22 4.28 0.01	79.57 3.50 0.01	74.88 1.89 0.01	67.85 0.41 0.01	59.89 0.06 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
ASTORIA_GT2_1 24094	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT2_2 24095	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT2_3 24096	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT2_4 24097	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT3_1 24098	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT3_2 24099	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT3_3 24100	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT3_4 24101	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT4_1 24102	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT4_2 24103	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT4_3 24104	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00

ASTORIA_GT4_4 24105	48.80 2.24 0.00	45.27 1.91 0.00	40.93 1.76 0.00	37.03 1.63 0.00	37.10 1.56 0.00	39.84 1.79 0.00	44.36 1.99 0.00	46.98 2.24 0.00	47.86 2.71 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.32 2.52 -0.48	54.89 2.34 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.68 3.24 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.89 0.06 0.01	53.16 0.58 -0.01	49.41 1.16 0.00
ASTORIA_GT_1 23523	48.90 2.33 0.00	45.36 1.99 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.92 1.86 0.00	44.49 2.12 0.00	47.07 2.33 0.00	47.99 2.84 0.00	48.27 2.99 -0.01	48.79 3.09 -0.22	54.47 2.67 -0.48	55.04 2.50 -0.46	62.74 2.04 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.36	78.98 3.54 -0.09	82.53 4.60 0.01	79.88 3.80 0.01	75.32 2.34 0.01	68.12 0.67 0.01	60.07 0.24 0.01	53.31 0.74 -0.01	49.55 1.30 0.00
ASTORIA_GT_10 24110	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.84 2.10 0.00	47.72 2.57 0.00	48.14 2.85 -0.01	48.65 2.96 -0.22	54.06 2.26 -0.47	54.78 2.24 -0.46	60.48 1.68 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.35 18.84	58.84 1.90 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.88 0.32 0.00	49.31 1.06 0.00
ASTORIA_GT_11 24225	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.84 2.10 0.00	47.72 2.57 0.00	48.14 2.85 -0.01	48.65 2.96 -0.22	54.06 2.26 -0.47	54.78 2.24 -0.46	60.48 1.68 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.35 18.84	58.84 1.90 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.88 0.32 0.00	49.31 1.06 0.00
ASTORIA_GT_12 24226	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.84 2.10 0.00	47.72 2.57 0.00	48.14 2.85 -0.01	48.65 2.96 -0.22	54.06 2.26 -0.47	54.78 2.24 -0.46	60.48 1.68 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.35 18.84	58.84 1.90 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.88 0.32 0.00	49.31 1.06 0.00
ASTORIA_GT_13 24227	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.84 2.10 0.00	47.72 2.57 0.00	48.14 2.85 -0.01	48.65 2.96 -0.22	54.06 2.26 -0.47	54.78 2.24 -0.46	60.48 1.68 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.35 18.84	58.84 1.90 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.88 0.32 0.00	49.31 1.06 0.00
ASTORIA_GT_5 24106	48.90 2.33 0.00	45.36 1.99 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.92 1.86 0.00	44.49 2.12 0.00	47.07 2.33 0.00	47.99 2.84 0.00	48.27 2.99 -0.01	48.79 3.09 -0.22	54.47 2.67 -0.48	55.04 2.50 -0.46	62.74 2.04 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.36	78.98 3.54 -0.09	82.53 4.60 0.01	79.88 3.80 0.01	75.32 2.34 0.01	68.12 0.67 0.01	60.07 0.24 0.01	53.31 0.74 -0.01	49.55 1.30 0.00
ASTORIA_GT_7 24107	48.90 2.33 0.00	45.36 1.99 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.92 1.86 0.00	44.49 2.12 0.00	47.07 2.33 0.00	47.99 2.84 0.00	48.27 2.99 -0.01	48.79 3.09 -0.22	54.47 2.67 -0.48	55.04 2.50 -0.46	62.74 2.04 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.36	78.98 3.54 -0.09	82.53 4.60 0.01	79.88 3.80 0.01	75.32 2.34 0.01	68.12 0.67 0.01	60.07 0.24 0.01	53.31 0.74 -0.01	49.55 1.30 0.00
ASTORIA_GT_8 24108	48.90 2.33 0.00	45.36 1.99 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.92 1.86 0.00	44.49 2.12 0.00	47.07 2.33 0.00	47.99 2.84 0.00	48.27 2.99 -0.01	48.79 3.09 -0.22	54.47 2.67 -0.48	55.04 2.50 -0.46	62.74 2.04 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.36	78.98 3.54 -0.09	82.53 4.60 0.01	79.88 3.80 0.01	75.32 2.34 0.01	68.12 0.67 0.01	60.07 0.24 0.01	53.31 0.74 -0.01	49.55 1.30 0.00
ASTORIA___2 24149	48.86 2.28 -0.01	45.32 1.95 -0.01	40.94 1.76 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.85 1.79 -0.01	44.45 2.08 -0.01	46.98 2.24 -0.01	48.04 2.89 0.00	48.50 3.21 -0.01	48.71 3.00 -0.23	54.73 2.92 -0.48	55.20 2.65 -0.46	62.62 1.92 -0.79	65.92 1.76 -1.10	69.56 2.11 -1.36	78.75 3.31 -0.09	82.22 4.28 0.01	79.65 3.58 0.01	74.96 1.97 0.01	67.92 0.48 0.01	59.89 0.06 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
ASTORIA___3 23516	48.62 2.05 -0.01	45.19 1.82 -0.01	40.74 1.57 -0.01	36.94 1.52 -0.01	36.97 1.42 -0.01	39.66 1.60 -0.01	44.33 1.95 -0.01	46.85 2.10 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.66 2.95 -0.23	54.46 2.67 -0.47	54.99 2.45 -0.46	60.54 1.74 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.34 18.84	58.69 1.75 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.94 0.37 0.00	49.41 1.16 -0.01
ASTORIA___4 23517	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.84 2.10 0.00	47.72 2.57 0.00	48.14 2.85 -0.01	48.65 2.96 -0.22	54.06 2.26 -0.47	54.78 2.24 -0.46	60.48 1.68 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.35 18.84	58.84 1.90 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.88 0.32 0.00	49.26 1.01 0.00
ASTORIA___5 23518	48.62 2.05 -0.01	45.19 1.82 -0.01	40.74 1.57 -0.01	36.94 1.52 -0.01	36.97 1.42 -0.01	39.66 1.60 -0.01	44.33 1.95 -0.01	46.85 2.10 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.66 2.95 -0.23	54.46 2.67 -0.47	54.99 2.45 -0.46	60.54 1.74 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.34 18.84	58.69 1.75 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.94 0.37 0.00	49.41 1.16 -0.01
AST_ENERGY_2_CC3 323677	36.87 1.81 11.51	36.87 1.56 8.05	36.87 1.29 3.59	36.68 1.27 0.00	36.75 1.21 0.00	36.87 1.33 2.52	36.87 1.70 7.20	36.87 1.88 9.75	36.87 2.53 10.80	36.87 2.76 11.17	38.96 2.68 9.20	38.96 2.51 14.88	38.96 2.40 15.52	43.98 2.15 18.08	47.10 2.08 18.03	50.80 2.45 17.73	47.01 3.77 32.11	51.32 4.68 31.30	48.19 3.95 31.85	39.15 2.27 36.11	38.96 0.74 29.24	38.96 0.18 21.06	38.96 0.53 14.14	38.96 0.77 10.06
AST_ENERGY_2_CC4 323678	36.87 1.81 11.51	36.87 1.56 8.05	36.87 1.29 3.59	36.68 1.27 0.00	36.75 1.21 0.00	36.87 1.33 2.52	36.87 1.70 7.20	36.87 1.88 9.75	36.87 2.53 10.80	36.87 2.76 11.17	38.96 2.68 9.20	38.96 2.51 14.88	38.96 2.40 15.52	43.98 2.15 18.08	47.10 2.08 18.03	50.80 2.45 17.73	47.01 3.77 32.11	51.32 4.68 31.30	48.19 3.95 31.85	39.15 2.27 36.11	38.96 0.74 29.24	38.96 0.18 21.06	38.96 0.53 14.14	38.96 0.77 10.06

ATHENS_STG_1 23668	46.99 0.42 0.00	43.67 0.31 0.00	39.56 0.39 0.00	35.83 0.43 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.79 0.42 0.00	45.19 0.45 0.00	45.82 0.68 0.00	45.96 0.68 0.00	46.15 0.59 -0.09	51.98 0.46 -0.19	52.64 0.37 -0.19	60.48 0.24 -0.33	63.70 0.19 -0.45	67.11 0.47 -0.56	76.44 1.05 -0.04	79.81 1.87 0.00	77.75 1.67 0.00	73.80 0.80 0.00	67.39 -0.07 0.00	59.42 -0.42 0.00	52.36 -0.21 0.00	48.11 -0.14 0.00
ATHENS_STG_2 23670	46.99 0.42 0.00	43.67 0.31 0.00	39.56 0.39 0.00	35.83 0.43 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.79 0.42 0.00	45.19 0.45 0.00	45.82 0.68 0.00	45.96 0.68 0.00	46.15 0.59 -0.09	51.98 0.46 -0.19	52.64 0.37 -0.19	60.48 0.24 -0.33	63.70 0.19 -0.45	67.11 0.47 -0.56	76.44 1.05 -0.04	79.81 1.87 0.00	77.75 1.67 0.00	73.80 0.80 0.00	67.39 -0.07 0.00	59.42 -0.42 0.00	52.36 -0.21 0.00	48.11 -0.14 0.00
ATHENS_STG_3 23677	46.99 0.42 0.00	43.67 0.31 0.00	39.56 0.39 0.00	35.83 0.43 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.79 0.42 0.00	45.19 0.45 0.00	45.82 0.68 0.00	45.96 0.68 0.00	46.15 0.59 -0.09	51.98 0.46 -0.19	52.64 0.37 -0.19	60.48 0.24 -0.33	63.70 0.19 -0.45	67.11 0.47 -0.56	76.44 1.05 -0.04	79.81 1.87 0.00	77.75 1.67 0.00	73.80 0.80 0.00	67.39 -0.07 0.00	59.42 -0.42 0.00	52.36 -0.21 0.00	48.11 -0.14 0.00
AUBURN___LFGE 323710	46.89 0.33 0.00	43.71 0.35 0.00	39.21 0.04 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.98 -0.08 0.00	42.45 0.08 0.00	44.96 0.22 0.00	45.28 0.14 0.00	45.46 0.18 0.00	45.79 0.32 0.00	52.05 0.72 0.00	52.92 0.83 0.00	61.23 1.32 0.00	64.44 1.39 0.00	68.14 2.05 0.00	78.14 2.79 0.00	81.90 3.98 0.02	79.88 3.80 0.00	76.28 3.28 0.00	69.82 2.36 0.00	61.57 1.74 0.00	53.83 1.26 0.00	49.26 1.01 0.00
BABYLON_RES_REC 323704	49.26 2.70 0.01	46.10 2.73 -0.01	44.67 2.39 -3.11	37.61 2.20 -0.01	37.68 2.13 -0.01	40.42 2.36 -0.01	45.09 2.71 -0.01	47.20 2.46 0.00	47.99 2.85 0.00	48.03 2.76 0.00	47.60 1.91 -0.22	53.85 2.06 -0.47	55.00 2.45 -0.47	63.29 2.52 -0.86	66.70 2.52 -1.12	73.20 3.04 -4.07	82.37 4.44 -2.58	85.80 5.45 -2.40	82.69 4.41 -2.20	75.69 2.70 0.00	67.45 0.00 0.00	59.05 -0.78 0.01	50.98 -0.42 1.17	45.19 -0.44 2.62
BALL_HILL_WT_PWR 323825	46.61 0.05 0.00	44.01 0.65 0.00	38.93 -0.23 0.00	34.94 -0.46 0.00	35.19 -0.36 0.00	37.52 -0.53 0.00	41.95 -0.42 0.00	44.47 -0.27 0.00	44.47 -0.68 0.00	45.68 0.41 0.00	47.02 1.55 0.00	53.64 2.31 0.00	55.83 3.75 0.00	64.29 4.37 0.00	67.66 4.60 0.00	72.24 6.15 0.00	83.49 8.14 0.00	87.13 9.19 0.00	84.52 8.44 0.00	78.90 5.91 0.00	72.31 4.86 0.00	63.61 3.77 0.00	55.56 2.99 0.00	51.14 2.89 0.00
BARON_WINDS___WT_PWR 323822	46.57 0.00 0.00	43.84 0.48 0.00	39.01 -0.16 0.00	35.09 -0.32 0.00	35.33 -0.21 0.00	37.75 -0.31 0.00	42.16 -0.21 0.00	44.52 -0.22 0.00	44.38 -0.77 0.00	45.10 -0.18 0.00	46.02 0.55 0.00	52.30 0.97 0.00	53.95 1.87 0.00	62.43 2.52 0.00	65.77 2.71 0.00	69.92 3.83 0.00	80.62 5.27 0.00	84.49 6.55 0.00	82.39 6.31 0.00	77.73 4.74 0.00	71.37 3.91 0.00	62.71 2.87 0.00	54.78 2.21 0.00	50.37 2.12 0.00
BARRETT_IC_1 23704	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_10 23701	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_11 23702	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_12 23703	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_2 23705	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_3 23706	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_4 23707	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_5 23708	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66

BARRETT_IC_6 23709	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_7 23710	47.65 1.07 -0.01	45.67 2.30 -0.01	44.56 2.12 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.75 2.37 -0.01	46.26 1.52 0.00	46.73 1.58 0.00	47.18 1.90 0.00	47.83 2.14 -0.22	53.90 2.10 -0.47	55.46 2.92 -0.46	63.65 2.94 -0.80	67.13 2.96 -1.11	70.84 3.37 -1.38	80.05 4.60 -0.11	83.48 5.53 0.00	80.64 4.56 0.00	76.35 3.36 0.00	68.00 0.54 0.00	59.59 -0.24 0.01	53.48 0.16 -0.75	49.87 -0.05 -1.66
BARRETT_IC_8 23711	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT_IC_9 23700	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT___1 23545	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BARRETT___2 23546	48.96 2.37 -0.01	45.71 2.34 -0.01	44.55 2.11 -3.27	37.36 1.95 -0.01	37.43 1.88 -0.01	40.12 2.05 -0.01	44.79 2.41 -0.01	46.94 2.19 -0.01	47.77 2.62 -0.01	47.86 2.58 0.00	47.84 2.14 -0.22	54.16 2.36 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.84 3.37 -1.38	80.21 4.75 -0.11	83.56 5.62 -0.01	80.64 4.56 0.00	76.21 3.21 -0.01	68.00 0.54 -0.01	59.60 -0.24 0.00	53.48 0.16 -0.75	49.91 0.00 -1.66
BATAVIA__115KV_TB1 55881	47.73 1.16 0.00	44.88 1.52 0.00	39.60 0.43 0.00	35.44 0.04 0.00	35.65 0.11 0.00	37.94 -0.11 0.00	42.58 0.21 0.00	44.96 0.22 0.00	45.37 0.23 0.00	46.00 0.72 0.00	46.93 1.46 0.00	54.51 3.18 0.00	55.78 3.70 0.00	64.47 4.55 0.00	67.66 4.60 0.00	71.97 5.88 0.00	82.88 7.53 0.00	87.37 9.43 0.00	84.68 8.60 0.00	80.58 7.59 0.00	73.19 5.73 0.00	64.33 4.49 0.00	56.25 3.68 0.00	51.97 3.72 0.00
BAYONEEC___CTG1 323682	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG10 323750	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG2 323683	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG3 323684	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG4 323685	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG5 323686	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG6 323687	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG7 323688	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00

BAYONEEC___CTG8 323689	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BAYONEEC___CTG9 323749	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.14 2.85 -0.01	48.47 2.77 -0.22	54.36 2.57 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.03 3.95 0.00	75.33 2.34 0.00	68.20 0.74 0.00	58.27 0.18 1.75	53.15 0.58 0.00	49.07 0.82 0.00
BEACON___LESR 323632	46.76 0.19 0.00	43.36 0.00 0.00	39.25 0.08 0.00	35.58 0.18 0.00	35.72 0.18 0.00	38.21 0.15 0.00	42.50 0.13 0.00	44.88 0.13 0.00	45.37 0.23 0.00	45.28 0.00 0.00	45.12 -0.18 0.17	50.61 -0.36 0.36	51.25 -0.47 0.36	58.69 -0.60 0.62	61.69 -0.51 0.86	64.90 -0.13 1.06	75.80 0.53 0.08	79.50 1.56 0.00	77.68 1.60 0.00	73.72 0.73 0.00	67.46 0.00 0.00	59.36 -0.48 0.00	52.26 -0.31 0.00	47.86 -0.39 0.00
BEAVER RIVER___HYD 24048	48.29 1.72 0.00	45.27 1.91 0.00	40.78 1.61 0.00	36.72 1.31 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.15 1.78 0.00	46.40 1.66 0.00	46.32 1.17 0.00	46.04 0.77 0.00	45.98 0.50 0.00	52.20 0.87 0.00	52.81 0.73 0.00	60.93 1.02 0.00	64.06 1.01 0.00	67.34 1.25 0.00	77.15 1.81 0.00	79.64 2.02 0.32	78.97 2.89 0.00	76.71 3.72 0.00	71.30 3.84 0.00	63.49 3.65 0.00	55.41 2.84 0.00	50.71 2.46 0.00
BEEBEE_GT_13 23619	47.08 0.51 0.00	44.10 0.74 0.00	39.17 0.00 0.00	35.12 -0.28 0.00	35.33 -0.21 0.00	37.67 -0.38 0.00	42.20 -0.17 0.00	44.79 0.04 0.00	45.24 0.09 0.00	45.73 0.45 0.00	46.43 0.95 0.00	53.54 2.21 0.00	54.69 2.60 0.00	63.33 3.42 0.00	66.59 3.53 0.00	70.39 4.30 0.00	80.85 5.50 0.00	84.80 6.86 0.00	82.17 6.09 0.00	78.25 5.26 0.00	71.37 3.91 0.00	62.77 2.93 0.00	54.94 2.37 0.00	50.47 2.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.04 2.47 0.00	45.70 2.34 0.00	41.21 2.04 0.00	37.28 1.88 0.00	37.32 1.78 0.00	39.99 1.94 0.00	44.66 2.29 0.00	47.20 2.46 0.00	47.99 2.84 0.00	48.50 3.21 -0.01	49.02 3.32 -0.22	54.57 2.77 -0.47	55.36 2.81 -0.46	63.28 2.58 -0.79	66.74 2.59 -1.10	70.42 2.97 -1.36	79.73 4.29 -0.09	83.23 5.30 0.01	80.71 4.64 0.01	76.12 3.14 0.01	68.86 1.42 0.01	58.80 0.72 1.76	53.36 0.79 0.00	49.94 1.69 0.00
BETHLEHEM___GRP 23843	45.96 -0.61 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.86 -0.51 0.00	44.20 -0.54 0.00	44.65 -0.50 0.00	44.64 -0.63 0.00	44.54 -0.77 0.16	49.81 -1.18 0.34	50.55 -1.20 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.45 -0.83 0.07	77.94 0.00 0.00	76.08 0.00 0.00	72.41 -0.58 0.00	66.17 -1.28 0.00	58.34 -1.50 0.00	51.36 -1.21 0.00	47.14 -1.11 0.00
BETHLEHEM___GS1 323560	46.06 -0.51 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.90 -0.47 0.00	44.25 -0.49 0.00	44.74 -0.41 0.00	44.69 -0.59 0.00	44.54 -0.77 0.16	49.96 -1.03 0.34	50.60 -1.15 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.38 -0.90 0.07	77.86 -0.08 0.00	76.08 0.00 0.00	72.26 -0.73 0.00	66.17 -1.28 0.00	58.34 -1.49 0.00	51.36 -1.21 0.00	47.09 -1.16 0.00
BETHLEHEM___GS2 323561	46.06 -0.51 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.90 -0.47 0.00	44.25 -0.49 0.00	44.74 -0.41 0.00	44.69 -0.59 0.00	44.54 -0.77 0.16	49.96 -1.03 0.34	50.60 -1.15 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.38 -0.90 0.07	77.86 -0.08 0.00	76.08 0.00 0.00	72.26 -0.73 0.00	66.17 -1.28 0.00	58.34 -1.49 0.00	51.36 -1.21 0.00	47.09 -1.16 0.00
BETHLEHEM___GS3 323562	46.06 -0.51 0.00	42.71 -0.65 0.00	38.70 -0.47 0.00	35.12 -0.28 0.00	35.29 -0.25 0.00	37.71 -0.34 0.00	41.90 -0.47 0.00	44.25 -0.49 0.00	44.74 -0.41 0.00	44.69 -0.59 0.00	44.54 -0.77 0.16	49.96 -1.03 0.34	50.60 -1.15 0.34	57.89 -1.44 0.59	60.80 -1.45 0.81	63.84 -1.26 1.00	74.38 -0.90 0.07	77.86 -0.08 0.00	76.08 0.00 0.00	72.26 -0.73 0.00	66.17 -1.28 0.00	58.34 -1.49 0.00	51.36 -1.21 0.00	47.09 -1.16 0.00
BETHLEHEM___STEEL 23779	46.89 0.33 0.00	44.19 0.82 0.00	38.93 -0.24 0.00	34.87 -0.53 0.00	35.11 -0.43 0.00	37.37 -0.68 0.00	41.95 -0.42 0.00	44.43 -0.31 0.00	44.88 -0.27 0.00	45.73 0.45 0.00	46.84 1.36 0.00	54.46 3.13 0.00	55.94 3.85 0.00	64.35 4.43 0.00	67.47 4.41 0.00	71.91 5.82 0.00	82.81 7.46 0.00	86.83 8.89 0.00	84.22 8.14 0.00	79.71 6.72 0.00	72.11 4.65 0.00	63.49 3.65 0.00	55.51 2.94 0.00	51.34 3.09 0.00
BETHLHEM_115KV_TB1 79974	46.10 -0.47 0.00	42.84 -0.52 0.00	38.82 -0.35 0.00	35.23 -0.18 0.00	35.40 -0.14 0.00	37.83 -0.23 0.00	41.99 -0.38 0.00	44.34 -0.40 0.00	44.79 -0.36 0.00	44.82 -0.45 0.00	44.73 -0.59 0.15	50.03 -0.98 0.32	50.77 -0.99 0.32	58.16 -1.20 0.55	61.09 -1.20 0.76	64.09 -1.06 0.94	74.68 -0.60 0.07	78.18 0.23 0.00	76.31 0.23 0.00	72.63 -0.36 0.00	66.38 -1.08 0.00	58.52 -1.32 0.00	51.52 -1.05 0.00	47.28 -0.96 0.00
BETHPAGE_CC_5 323564	48.84 2.28 0.00	45.67 2.30 -0.01	44.29 2.07 -3.05	37.36 1.95 -0.01	37.40 1.85 -0.01	40.15 2.09 -0.01	44.79 2.41 -0.01	46.84 2.10 0.00	47.67 2.53 0.00	47.76 2.49 0.00	47.83 2.14 -0.22	54.11 2.31 -0.47	55.41 2.86 -0.47	63.73 2.99 -0.82	67.14 2.96 -1.12	71.66 3.50 -2.07	80.99 4.89 -0.74	84.49 5.92 -0.62	81.52 4.87 -0.57	76.13 3.14 0.00	67.93 0.48 0.00	59.54 -0.30 0.01	51.36 -0.16 1.05	45.70 -0.19 2.36
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.94 0.37 0.00	44.23 0.87 0.00	38.97 -0.20 0.00	34.91 -0.50 0.00	35.15 -0.39 0.00	37.44 -0.61 0.00	42.03 -0.34 0.00	44.52 -0.22 0.00	44.97 -0.18 0.00	45.86 0.59 0.00	46.98 1.50 0.00	54.61 3.29 0.00	56.09 4.01 0.00	64.53 4.61 0.00	67.66 4.60 0.00	72.17 6.08 0.00	83.11 7.76 0.00	87.22 9.28 0.00	84.52 8.44 0.00	80.00 7.01 0.00	72.31 4.86 0.00	63.61 3.77 0.00	55.57 3.00 0.00	51.39 3.14 0.00
BINGHAMTON___COGEN 23790	46.85 0.28 0.00	43.71 0.35 0.00	39.25 0.08 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.96 0.22 0.00	45.33 0.18 0.00	45.64 0.36 0.00	46.07 0.59 0.00	52.41 1.08 0.00	53.33 1.25 0.00	61.59 1.68 0.00	64.82 1.77 0.00	68.47 2.38 0.00	78.59 3.24 0.00	82.23 4.29 0.00	80.11 4.03 0.00	76.35 3.36 0.00	69.68 2.23 0.00	61.33 1.50 0.00	53.67 1.10 0.00	49.31 1.06 0.00

BIXINCNT_115KV_LOAD 355685	46.99 0.42 0.00	44.19 0.82 0.00	38.97 -0.20 0.00	34.95 -0.46 0.00	35.19 -0.36 0.00	37.56 -0.49 0.00	42.24 -0.13 0.00	44.74 0.00 0.00	45.15 0.00 0.00	46.00 0.72 0.00	47.16 1.68 0.00	54.77 3.44 0.00	56.35 4.27 0.00	64.83 4.91 0.00	68.04 4.98 0.00	72.57 6.48 0.00	83.64 8.29 0.00	87.68 9.74 0.00	85.06 8.98 0.00	80.44 7.45 0.00	72.58 5.13 0.00	63.61 3.77 0.00	55.51 2.94 0.00	51.43 3.18 0.00
BLACK RIVER___HYD 24047	49.08 2.51 0.00	45.83 2.47 0.00	41.24 2.07 0.00	37.11 1.70 0.00	37.28 1.74 0.00	39.96 1.90 0.00	44.61 2.24 0.00	46.89 2.15 0.00	46.73 1.58 0.00	46.45 1.18 0.00	46.34 0.86 0.00	52.71 1.39 0.00	53.33 1.25 0.00	61.71 1.80 0.00	64.82 1.76 0.00	68.40 2.31 0.00	78.59 3.24 0.00	81.77 4.05 0.22	81.18 5.10 0.00	78.76 5.77 0.00	73.19 5.73 0.00	64.92 5.08 0.00	56.46 3.89 0.00	51.58 3.33 0.00
BLACKRVR_115KV_TB2 79977	49.13 2.56 0.00	45.88 2.51 0.00	41.24 2.08 0.00	37.11 1.70 0.00	37.28 1.74 0.00	39.96 1.90 0.00	44.62 2.25 0.00	46.89 2.15 0.00	46.77 1.63 0.00	46.45 1.18 0.00	46.34 0.86 0.00	52.82 1.49 0.00	53.33 1.25 0.00	61.71 1.80 0.00	64.82 1.77 0.00	68.41 2.31 0.00	78.59 3.24 0.00	81.77 4.05 0.22	81.18 5.10 0.00	78.61 5.62 0.00	73.19 5.73 0.00	64.92 5.09 0.00	56.46 3.89 0.00	51.58 3.33 0.00
BLDWN_LI_69_KV_BK4 356085	48.01 1.44 0.00	45.97 2.60 -0.01	44.41 2.31 -2.93	37.57 2.16 -0.01	37.61 2.06 -0.01	40.34 2.28 -0.01	44.96 2.58 -0.01	46.53 1.79 0.00	47.04 1.90 0.00	47.49 2.22 0.00	48.33 2.64 -0.22	54.47 2.67 -0.47	56.03 3.49 -0.46	64.37 3.65 -0.80	67.76 3.59 -1.11	71.57 4.10 -1.38	81.03 5.58 -0.11	84.64 6.70 0.00	81.71 5.63 0.00	77.08 4.09 0.00	68.67 1.21 0.00	60.31 0.48 0.00	52.71 0.44 0.00	47.61 0.34 0.98
BLISS_WT_PWR 323608	46.61 0.05 0.00	43.97 0.61 0.00	38.90 -0.27 0.00	34.94 -0.46 0.00	35.19 -0.36 0.00	37.56 -0.50 0.00	42.08 -0.29 0.00	44.61 -0.13 0.00	44.65 -0.50 0.00	45.86 0.59 0.00	47.16 1.68 0.00	53.89 2.57 0.00	56.09 4.01 0.00	64.65 4.73 0.00	68.10 5.05 0.00	72.70 6.61 0.00	84.16 8.81 0.00	87.68 9.74 0.00	85.05 8.97 0.00	79.27 6.28 0.00	72.52 5.06 0.00	63.55 3.71 0.00	55.51 2.94 0.00	51.05 2.80 0.00
BLUESTONE___WT_PWR 323821	49.03 2.47 0.00	45.66 2.30 0.00	41.05 1.88 0.00	36.96 1.56 0.00	37.14 1.60 0.00	39.81 1.75 0.00	44.49 2.12 0.00	46.98 2.24 0.00	47.04 1.90 0.00	47.09 1.81 0.00	47.25 1.77 0.00	53.84 2.51 0.00	54.74 2.65 0.00	63.57 3.66 0.00	67.03 3.98 0.00	71.11 5.02 0.00	82.05 6.70 0.00	86.12 8.18 0.00	84.45 8.37 0.00	80.22 7.23 0.00	73.59 6.14 0.00	64.68 4.84 0.00	56.36 3.79 0.00	51.53 3.28 0.00
BLUE_CIRC_CHEM_DRP 24182	45.78 -0.79 0.00	42.54 -0.82 0.00	38.58 -0.59 0.00	34.95 -0.46 0.00	35.11 -0.43 0.00	37.52 -0.53 0.00	41.65 -0.72 0.00	43.89 -0.85 0.00	44.15 -0.99 0.00	44.10 -1.18 0.00	44.05 -1.32 0.11	49.31 -1.80 0.22	50.04 -1.82 0.22	57.31 -2.22 0.38	60.32 -2.21 0.53	63.39 -2.05 0.65	73.49 -1.81 0.05	76.93 -1.01 0.00	75.32 -0.76 0.00	71.90 -1.09 0.00	65.84 -1.62 0.00	58.10 -1.74 0.00	51.15 -1.42 0.00	46.95 -1.30 0.00
BOC_GAS_DRP 24189	46.47 -0.09 0.00	43.19 -0.17 0.00	39.17 0.00 0.00	35.48 0.07 0.00	35.61 0.07 0.00	38.09 0.04 0.00	42.33 -0.04 0.00	44.70 -0.04 0.00	45.19 0.05 0.00	45.28 0.00 0.00	45.28 -0.09 0.10	50.75 -0.36 0.22	51.51 -0.36 0.21	59.01 -0.54 0.37	61.98 -0.57 0.51	65.07 -0.40 0.63	75.38 0.08 0.04	78.64 0.70 0.00	76.76 0.68 0.00	73.06 0.07 0.00	66.85 -0.61 0.00	59.00 -0.84 0.00	51.94 -0.63 0.00	47.67 -0.58 0.00
BOONVILLE_115KV_TB1 79983	48.01 1.44 0.00	44.79 1.43 0.00	40.42 1.25 0.00	36.43 1.03 0.00	36.57 1.03 0.00	39.20 1.14 0.00	43.73 1.36 0.00	46.08 1.34 0.00	46.28 1.13 0.00	46.14 0.86 0.00	46.20 0.73 0.00	52.46 1.13 0.00	53.12 1.04 0.00	61.35 1.44 0.00	64.57 1.51 0.00	68.01 1.92 0.00	77.98 2.64 0.00	81.09 3.27 0.12	79.73 3.65 0.00	76.64 3.65 0.00	70.83 3.37 0.00	62.71 2.87 0.00	54.78 2.21 0.00	50.08 1.83 0.00
BORALEX_4TH_BRANCH 23824	47.73 1.16 0.00	44.32 0.95 0.00	40.23 1.06 0.00	36.50 1.10 0.00	36.64 1.10 0.00	39.20 1.14 0.00	43.60 1.23 0.00	46.17 1.43 0.00	46.55 1.40 0.00	46.50 1.22 0.00	45.99 0.95 0.44	51.07 0.67 0.93	51.85 0.68 0.91	58.92 0.60 1.59	61.55 0.69 2.20	64.38 0.99 2.71	77.04 1.88 0.19	81.37 3.43 0.00	79.50 3.42 0.00	75.47 2.48 0.00	68.80 1.35 0.00	60.62 0.78 0.00	53.36 0.79 0.00	48.78 0.53 0.00
BOWLINE___1 23526	47.78 1.21 0.00	44.36 1.00 0.00	40.03 0.86 0.00	36.36 0.96 0.00	36.46 0.92 0.00	39.04 0.99 0.00	43.55 1.18 0.00	45.99 1.25 0.00	46.91 1.76 0.00	47.13 1.86 0.00	47.50 1.82 -0.21	53.56 1.80 -0.44	54.18 1.67 -0.43	62.29 1.62 -0.75	65.74 1.64 -1.04	69.43 2.05 -1.28	78.60 3.16 -0.09	81.99 4.05 0.00	79.66 3.58 0.00	75.03 2.04 0.00	68.06 0.61 0.00	59.84 0.00 0.00	52.78 0.21 0.00	48.59 0.34 0.00
BOWLINE___2 23595	47.83 1.26 0.00	44.40 1.04 0.00	40.11 0.94 0.00	36.36 0.96 0.00	36.46 0.92 0.00	39.08 1.03 0.00	43.60 1.23 0.00	46.08 1.34 0.00	46.95 1.81 0.00	47.22 1.95 0.00	47.59 1.91 -0.21	53.67 1.90 -0.44	54.29 1.77 -0.43	62.41 1.74 -0.75	65.86 1.76 -1.04	69.49 2.11 -1.28	78.68 3.24 -0.09	82.15 4.21 0.00	79.73 3.65 0.00	75.18 2.19 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.89 0.32 0.00	48.68 0.43 0.00
BRADY___115KV_TB2 356060	48.06 1.49 0.00	44.84 1.47 0.00	40.54 1.37 0.00	36.54 1.13 0.00	36.68 1.14 0.00	39.27 1.22 0.00	43.81 1.44 0.00	45.95 1.21 0.00	45.87 0.72 0.00	45.59 0.32 0.00	45.57 0.09 0.00	51.58 0.26 0.00	52.19 0.10 0.00	59.85 -0.06 0.00	62.87 -0.19 0.00	65.17 -0.93 0.00	73.76 -1.58 0.00	72.60 -4.21 1.13	72.88 -3.20 0.00	70.88 -2.12 0.00	68.53 1.08 0.00	61.69 1.85 0.00	54.25 1.68 0.00	49.79 1.54 0.00
BRANSCOMB___SOLAR 323811	48.01 1.45 0.00	44.53 1.17 0.00	40.34 1.17 0.00	36.50 1.10 0.00	36.64 1.10 0.00	39.27 1.22 0.00	43.64 1.27 0.00	46.04 1.30 0.00	46.32 1.17 0.00	46.04 0.77 0.00	45.57 0.32 0.22	51.07 0.21 0.47	51.73 0.10 0.46	59.24 0.12 0.80	62.27 0.32 1.10	65.66 0.92 1.36	77.21 1.96 0.10	81.29 3.35 0.00	79.96 3.88 0.00	76.13 3.14 0.00	69.88 2.42 0.00	61.51 1.67 0.00	53.99 1.42 0.00	49.41 1.16 0.00
BRDGHMPT_69_KV_BK1 55812	49.59 3.03 0.01	47.71 4.34 -0.01	46.14 3.76 -3.21	38.74 3.33 -0.01	38.64 3.09 -0.01	41.45 3.39 -0.01	45.68 3.30 -0.01	46.89 2.15 0.00	47.58 2.44 0.00	48.04 2.76 0.00	49.29 3.59 -0.22	55.90 4.11 -0.47	57.87 5.31 -0.47	67.13 5.69 -1.52	70.29 6.12 -1.12	116.33 6.81 -43.43	122.98 8.89 -38.74	125.62 10.29 -37.39	119.66 9.13 -34.45	80.15 7.15 -0.01	70.83 3.37 0.00	62.05 2.21 0.00	52.79 1.58 1.36	46.61 1.40 3.04

BRENTWOD_69_KV_W. BRTWOOD 56703	47.96 1.40 0.01	46.36 2.99 -0.01	45.07 2.70 -3.19	37.93 2.51 -0.01	37.97 2.42 -0.01	40.76 2.70 -0.01	45.34 2.97 -0.01	46.62 1.88 0.00	47.09 1.94 0.00	47.49 2.22 0.00	48.15 2.46 -0.22	54.36 2.57 -0.47	56.09 3.54 -0.46	64.52 3.65 -0.95	67.76 3.59 -1.11	80.37 4.16 -10.11	89.13 5.65 -8.13	92.49 6.78 -7.76	88.94 5.71 -7.15	77.01 4.01 0.00	68.40 0.94 0.00	60.13 0.30 0.00	51.40 0.16 1.33	45.23 -0.05 2.97
BRISTLHL_115KV_TB1 79998	45.92 -0.65 0.00	42.75 -0.61 0.00	38.46 -0.71 0.00	34.73 -0.67 0.00	34.87 -0.68 0.00	37.33 -0.72 0.00	41.61 -0.76 0.00	44.02 -0.72 0.00	44.38 -0.77 0.00	44.55 -0.72 0.00	44.88 -0.59 0.00	50.87 -0.46 0.00	51.56 -0.52 0.00	59.49 -0.42 0.00	62.68 -0.38 0.00	66.09 0.00 0.00	75.65 0.30 0.00	79.00 1.09 0.03	77.07 0.99 0.00	73.65 0.66 0.00	67.59 0.13 0.00	59.66 -0.18 0.00	52.31 -0.26 0.00	48.01 -0.24 0.00
BROOKHAVEN___DRP 24191	47.96 1.40 0.01	46.32 2.95 -0.01	44.96 2.59 -3.21	37.79 2.37 -0.01	37.79 2.24 -0.01	40.57 2.51 -0.01	45.05 2.67 -0.01	46.31 1.57 0.00	46.82 1.67 0.00	47.22 1.95 0.00	48.06 2.36 -0.22	54.21 2.41 -0.47	55.99 3.44 -0.47	64.97 3.53 -1.52	67.90 3.72 -1.12	113.58 4.30 -43.19	119.66 5.80 -38.51	122.12 7.01 -37.17	116.34 6.01 -34.25	77.31 4.31 -0.01	68.53 1.08 0.00	60.13 0.30 0.00	51.26 0.05 1.36	45.16 -0.05 3.04
BROOKLYN_NAVY_YARD 23515	48.48 1.91 0.00	45.01 1.65 0.00	40.54 1.37 0.00	36.75 1.35 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.19 1.82 0.00	46.76 2.02 0.00	47.86 2.71 0.00	48.22 2.94 -0.01	48.47 2.77 -0.22	54.41 2.62 -0.47	55.04 2.50 -0.46	62.99 2.28 -0.80	66.37 2.21 -1.11	70.03 2.58 -1.37	79.43 3.99 -0.10	82.86 4.91 0.00	80.26 4.18 0.00	75.48 2.48 0.00	68.40 0.94 0.00	60.14 0.30 0.00	53.25 0.68 0.00	49.16 0.91 0.00
BROOKLYN___ARMY_DRP 323595	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
BROOME_2_LFGE 323671	46.76 0.19 0.00	43.67 0.31 0.00	39.25 0.08 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.45 0.08 0.00	44.92 0.18 0.00	45.19 0.05 0.00	45.59 0.32 0.00	46.06 0.59 0.00	52.20 0.87 0.00	53.28 1.20 0.00	61.53 1.62 0.00	64.82 1.76 0.00	68.54 2.45 0.00	78.66 3.31 0.00	82.23 4.28 0.00	80.11 4.03 0.00	75.91 2.92 0.00	69.68 2.22 0.00	61.33 1.50 0.00	53.68 1.11 0.00	49.21 0.96 0.00
BROOME___LFGE 323600	46.76 0.19 0.00	43.67 0.31 0.00	39.25 0.08 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.45 0.08 0.00	44.92 0.18 0.00	45.19 0.05 0.00	45.59 0.32 0.00	46.06 0.59 0.00	52.20 0.87 0.00	53.28 1.20 0.00	61.53 1.62 0.00	64.82 1.76 0.00	68.54 2.45 0.00	78.66 3.31 0.00	82.23 4.28 0.00	80.11 4.03 0.00	75.91 2.92 0.00	69.68 2.22 0.00	61.33 1.50 0.00	53.68 1.11 0.00	49.21 0.96 0.00
BROWNFLS_115KV_TB 3_5 80003	47.92 1.35 0.00	44.84 1.47 0.00	40.46 1.29 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.81 1.44 0.00	46.04 1.30 0.00	45.91 0.77 0.00	45.59 0.32 0.00	45.52 0.05 0.00	51.58 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.89 -0.20 0.00	75.05 -0.30 0.00	76.11 -1.25 0.58	75.70 -0.38 0.00	73.21 0.22 0.00	69.48 2.02 0.00	62.23 2.39 0.00	54.57 2.00 0.00	49.99 1.74 0.00
BROWNSV1_27_KV_LOAD 356125	48.90 2.33 0.00	45.44 2.08 0.00	40.93 1.76 0.00	37.07 1.66 0.00	37.14 1.60 0.00	39.80 1.75 0.00	44.53 2.16 0.00	47.16 2.42 0.00	48.13 2.98 0.00	48.59 3.31 -0.01	49.02 3.32 -0.22	54.72 2.93 -0.47	55.62 3.07 -0.46	63.77 3.06 -0.80	67.19 3.03 -1.11	70.96 3.50 -1.37	80.42 4.97 -0.10	83.94 6.00 0.00	81.33 5.25 0.00	76.57 3.58 0.00	69.28 1.82 0.00	60.92 1.08 0.00	53.83 1.26 0.00	49.60 1.35 0.00
BURROWS___LYONSDAL 23803	48.06 1.49 0.00	44.92 1.56 0.00	40.50 1.33 0.00	36.50 1.10 0.00	36.64 1.10 0.00	39.27 1.22 0.00	43.81 1.44 0.00	46.17 1.43 0.00	46.28 1.13 0.00	46.14 0.86 0.00	46.16 0.68 0.00	52.41 1.08 0.00	53.02 0.94 0.00	61.29 1.38 0.00	64.51 1.45 0.00	67.88 1.78 0.00	77.83 2.49 0.00	80.82 3.04 0.16	79.66 3.58 0.00	76.57 3.58 0.00	70.96 3.51 0.00	62.89 3.05 0.00	54.94 2.37 0.00	50.23 1.98 0.00
CAITHNESS_CC_1 323624	49.54 2.98 0.01	46.32 2.95 -0.01	44.92 2.54 -3.21	37.75 2.34 -0.01	37.75 2.20 -0.01	40.57 2.51 -0.01	45.13 2.75 -0.01	47.15 2.41 0.00	47.99 2.85 0.00	48.03 2.76 0.00	47.96 2.27 -0.22	54.41 2.62 -0.47	55.90 3.34 -0.48	64.85 3.41 -1.52	67.71 3.53 -1.13	113.13 4.10 -42.94	119.29 5.65 -38.29	121.68 6.78 -36.96	115.84 5.71 -34.05	76.94 3.94 -0.01	68.40 0.94 0.00	59.95 0.12 0.01	51.16 -0.05 1.36	45.16 -0.05 3.04
CALPINE BETH_PAGE_GT4 24209	47.45 0.88 0.00	45.62 2.25 -0.01	44.18 2.04 -2.97	37.33 1.91 -0.01	37.40 1.85 -0.01	40.12 2.05 -0.01	44.71 2.33 -0.01	46.17 1.43 0.00	46.73 1.58 0.00	47.13 1.86 0.00	47.92 2.23 -0.22	53.85 2.05 -0.47	55.41 2.86 -0.46	63.60 2.88 -0.81	67.07 2.90 -1.11	71.42 3.44 -1.89	80.67 4.75 -0.58	84.24 5.85 -0.45	81.29 4.79 -0.42	76.20 3.21 0.00	67.93 0.47 0.00	59.54 -0.30 0.00	51.49 -0.16 0.92	46.00 -0.19 2.06
CALPINE_BETH_PAGE_GT_4 323586	48.85 2.28 0.00	45.67 2.30 -0.01	44.18 2.04 -2.97	37.32 1.91 -0.01	37.40 1.85 -0.01	40.11 2.05 -0.01	44.75 2.37 -0.01	46.89 2.15 0.00	47.67 2.53 0.00	47.81 2.53 0.00	47.92 2.23 -0.22	54.11 2.31 -0.47	55.36 2.81 -0.47	63.67 2.94 -0.82	67.08 2.90 -1.12	71.41 3.43 -1.88	80.75 4.83 -0.57	84.25 5.85 -0.46	81.29 4.80 -0.42	76.06 3.07 0.00	67.93 0.48 0.00	59.54 -0.30 0.00	51.49 -0.16 0.92	46.10 -0.10 2.06
CALPINE_BP_GT1 23823	48.85 2.28 0.00	45.67 2.30 -0.01	44.18 2.04 -2.97	37.32 1.91 -0.01	37.40 1.85 -0.01	40.11 2.05 -0.01	44.75 2.37 -0.01	46.89 2.15 0.00	47.67 2.53 0.00	47.81 2.53 0.00	47.92 2.23 -0.22	54.11 2.31 -0.47	55.36 2.81 -0.47	63.67 2.94 -0.82	67.08 2.90 -1.12	71.41 3.43 -1.88	80.75 4.83 -0.57	84.25 5.85 -0.46	81.29 4.80 -0.42	76.06 3.07 0.00	67.93 0.48 0.00	59.54 -0.30 0.00	51.49 -0.16 0.92	46.10 -0.10 2.06
CALSPAN___DRP 24200	46.89 0.33 0.00	44.19 0.82 0.00	38.93 -0.24 0.00	34.87 -0.53 0.00	35.11 -0.43 0.00	37.37 -0.68 0.00	41.95 -0.42 0.00	44.43 -0.31 0.00	44.88 -0.27 0.00	45.73 0.45 0.00	46.84 1.36 0.00	54.46 3.13 0.00	55.94 3.85 0.00	64.35 4.43 0.00	67.47 4.41 0.00	71.91 5.82 0.00	82.81 7.46 0.00	86.83 8.89 0.00	84.22 8.14 0.00	79.71 6.72 0.00	72.11 4.65 0.00	63.49 3.65 0.00	55.51 2.94 0.00	51.34 3.09 0.00

CALVERTON___SOLAR 323806	49.77 3.21 0.01	46.53 3.16 -0.01	45.08 2.70 -3.21	37.89 2.48 -0.01	37.86 2.31 -0.01	40.69 2.62 -0.01	45.22 2.84 -0.01	47.20 2.46 0.00	48.04 2.89 0.00	48.13 2.85 0.00	48.14 2.45 -0.22	54.67 2.87 -0.47	56.21 3.64 -0.48	65.28 3.84 -1.53	68.16 3.98 -1.13	114.01 4.62 -43.29	120.20 6.25 -38.61	122.69 7.48 -37.27	116.81 6.39 -34.34	77.53 4.53 -0.01	68.87 1.42 0.00	60.37 0.54 0.01	51.48 0.26 1.36	45.41 0.19 3.04
CANDIGU_WT_PWR 323617	46.57 0.00 0.00	43.84 0.48 0.00	39.01 -0.16 0.00	35.09 -0.32 0.00	35.33 -0.21 0.00	37.75 -0.31 0.00	42.16 -0.21 0.00	44.52 -0.22 0.00	44.38 -0.77 0.00	45.10 -0.18 0.00	46.02 0.55 0.00	52.30 0.97 0.00	53.95 1.87 0.00	62.43 2.52 0.00	65.77 2.71 0.00	69.92 3.83 0.00	80.62 5.27 0.00	84.49 6.55 0.00	82.39 6.31 0.00	77.73 4.74 0.00	71.37 3.91 0.00	62.71 2.87 0.00	54.78 2.21 0.00	50.37 2.12 0.00
CARR STREET_E_SYR 24060	46.06 -0.51 0.00	42.93 -0.43 0.00	38.66 -0.51 0.00	34.88 -0.53 0.00	35.01 -0.53 0.00	37.48 -0.57 0.00	41.78 -0.59 0.00	44.25 -0.49 0.00	44.56 -0.59 0.00	44.82 -0.45 0.00	45.20 -0.27 0.00	51.12 -0.20 0.00	51.87 -0.21 0.00	59.97 0.06 0.00	63.12 0.06 0.00	66.62 0.53 0.00	76.32 0.98 0.00	79.71 1.79 0.02	77.68 1.60 0.00	73.87 0.88 0.00	67.93 0.48 0.00	59.96 0.12 0.00	52.57 0.00 0.00	48.25 0.00 0.00
CARTHAGE___PAPER 23857	48.71 2.14 0.00	45.57 2.21 0.00	41.05 1.88 0.00	36.96 1.56 0.00	37.14 1.60 0.00	39.77 1.71 0.00	44.40 2.03 0.00	46.66 1.92 0.00	46.55 1.40 0.00	46.23 0.95 0.00	46.11 0.64 0.00	52.35 1.03 0.00	52.97 0.88 0.00	61.17 1.26 0.00	64.32 1.26 0.00	67.68 1.58 0.00	77.61 2.26 0.00	80.33 2.65 0.26	79.73 3.65 0.00	77.59 4.60 0.00	72.18 4.72 0.00	64.20 4.37 0.00	55.94 3.37 0.00	51.14 2.89 0.00
CASSADAGA_WT_PWR 323784	47.45 0.88 0.00	44.71 1.35 0.00	39.56 0.39 0.00	35.55 0.14 0.00	35.79 0.25 0.00	38.25 0.19 0.00	42.84 0.47 0.00	45.45 0.71 0.00	45.37 0.23 0.00	46.68 1.41 0.00	48.11 2.64 0.00	54.92 3.59 0.00	57.19 5.11 0.00	65.96 6.05 0.00	69.42 6.37 0.00	74.15 8.06 0.00	85.97 10.63 0.00	89.56 11.62 0.00	87.04 10.96 0.00	81.09 8.10 0.00	74.20 6.74 0.00	65.23 5.39 0.00	56.78 4.21 0.00	52.16 3.91 0.00
CE_DUNWOOD___DRP 24194	48.06 1.49 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.35 1.61 0.00	47.18 2.03 0.00	47.54 2.26 0.00	47.97 2.27 -0.22	53.80 2.00 -0.47	54.63 2.08 -0.46	62.75 2.04 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.36	79.06 3.62 -0.10	82.62 4.68 0.00	80.19 4.11 0.00	75.62 2.63 0.00	68.47 1.01 0.00	60.20 0.36 0.00	53.15 0.58 0.00	48.88 0.63 0.00
CE_MILLWOOD___DRP 24193	47.97 1.40 0.00	44.62 1.26 0.00	40.30 1.14 0.00	36.54 1.13 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.77 1.40 0.00	46.26 1.52 0.00	47.04 1.90 0.00	47.40 2.13 0.00	47.83 2.14 -0.22	53.64 1.85 -0.46	54.47 1.93 -0.46	62.57 1.86 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.35	78.91 3.47 -0.10	82.38 4.44 0.00	79.96 3.88 0.00	75.47 2.48 0.00	68.40 0.94 0.00	60.14 0.30 0.00	53.10 0.53 0.00	48.78 0.53 0.00
CE_NYC2_DRP 24202	48.57 2.00 0.00	45.18 1.82 0.00	40.77 1.61 0.00	36.93 1.52 0.00	37.00 1.46 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.89 2.15 0.00	47.76 2.62 0.00	48.18 2.90 -0.01	48.70 3.00 -0.22	54.16 2.36 -0.47	54.83 2.29 -0.46	60.54 1.74 1.12	60.17 1.70 4.59	62.22 2.05 5.92	62.57 3.16 15.94	62.57 4.13 19.51	60.74 3.50 18.84	58.91 1.97 16.05	58.31 0.40 9.55	57.96 -0.12 1.76	52.94 0.37 0.00	49.31 1.06 0.00
CE_NYC_DRP 24195	48.43 1.86 0.00	45.05 1.69 0.00	40.62 1.45 0.00	36.82 1.42 0.00	36.86 1.32 0.00	39.50 1.45 0.00	44.15 1.78 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.18 2.90 -0.01	48.56 2.86 -0.22	54.21 2.41 -0.47	55.04 2.50 -0.46	63.11 2.40 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.51 4.07 -0.10	83.01 5.07 0.00	80.42 4.34 0.00	75.77 2.77 0.00	68.47 1.01 0.00	60.26 0.42 0.00	53.31 0.74 0.00	49.12 0.87 0.00
CHAFFEE___LFGE 323603	46.66 0.09 0.00	44.05 0.69 0.00	38.93 -0.23 0.00	34.91 -0.50 0.00	35.15 -0.39 0.00	37.44 -0.61 0.00	41.86 -0.51 0.00	44.43 -0.31 0.00	44.42 -0.72 0.00	45.68 0.41 0.00	46.97 1.50 0.00	53.64 2.31 0.00	55.88 3.80 0.00	64.41 4.50 0.00	67.72 4.67 0.00	72.37 6.28 0.00	83.71 8.36 0.00	87.37 9.43 0.00	84.67 8.59 0.00	78.90 5.91 0.00	72.38 4.92 0.00	63.73 3.89 0.00	55.62 3.05 0.00	51.19 2.94 0.00
CHATEAUG_35_KV_LOAD 355732	47.17 0.61 0.00	43.97 0.61 0.00	39.76 0.59 0.00	35.94 0.53 0.00	36.07 0.53 0.00	38.62 0.57 0.00	43.17 0.81 0.00	45.28 0.54 0.00	45.46 0.32 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.48 0.15 0.00	52.13 0.05 0.00	59.85 -0.06 0.00	62.87 -0.19 0.00	65.30 -0.79 0.00	73.69 -1.66 0.00	74.69 -3.20 0.06	73.42 -2.66 0.00	71.17 -1.82 0.00	67.52 0.07 0.00	60.56 0.72 0.00	53.25 0.68 0.00	48.88 0.63 0.00
CHATEAUG_WT_PWR 323614	46.99 0.42 0.00	43.88 0.52 0.00	39.68 0.51 0.00	35.83 0.43 0.00	36.00 0.46 0.00	38.55 0.49 0.00	43.09 0.72 0.00	45.19 0.45 0.00	45.42 0.27 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.91 0.00 0.00	62.93 -0.13 0.00	65.30 -0.79 0.00	73.84 -1.51 0.00	74.85 -3.12 -0.02	73.41 -2.66 0.00	71.90 -1.09 0.00	67.32 -0.13 0.00	60.38 0.54 0.00	53.10 0.53 0.00	48.73 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	47.17 0.61 0.00	43.97 0.61 0.00	39.76 0.59 0.00	35.94 0.53 0.00	36.07 0.53 0.00	38.62 0.57 0.00	43.17 0.81 0.00	45.28 0.54 0.00	45.46 0.32 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.48 0.15 0.00	52.13 0.05 0.00	59.85 -0.06 0.00	62.87 -0.19 0.00	65.30 -0.79 0.00	73.69 -1.66 0.00	74.69 -3.20 0.06	73.42 -2.66 0.00	71.17 -1.82 0.00	67.52 0.07 0.00	60.56 0.72 0.00	53.25 0.68 0.00	48.88 0.63 0.00
CHAUTAUQUA___LFGE 323629	47.03 0.47 0.00	44.45 1.08 0.00	39.33 0.16 0.00	35.30 -0.11 0.00	35.54 0.00 0.00	37.94 -0.11 0.00	42.41 0.04 0.00	45.01 0.27 0.00	44.97 -0.18 0.00	46.23 0.95 0.00	47.57 2.09 0.00	54.30 2.98 0.00	56.51 4.42 0.00	65.12 5.21 0.00	68.54 5.48 0.00	73.23 7.14 0.00	84.69 9.34 0.00	88.31 10.37 0.00	85.74 9.66 0.00	80.07 7.08 0.00	73.32 5.87 0.00	64.45 4.61 0.00	56.19 3.62 0.00	51.68 3.43 0.00
CHERRYST_13_KV_LD 356241	48.62 2.05 0.00	45.18 1.82 0.00	40.74 1.57 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.32 1.95 0.00	46.93 2.19 0.00	47.90 2.75 0.00	48.41 3.12 -0.01	48.83 3.14 -0.22	54.52 2.72 -0.47	55.36 2.81 -0.46	63.47 2.76 -0.80	66.94 2.77 -1.11	70.63 3.17 -1.37	79.96 4.52 -0.10	83.40 5.46 0.00	80.80 4.72 0.00	76.06 3.07 0.00	68.80 1.35 0.00	60.50 0.66 0.00	53.52 0.95 0.00	49.31 1.06 0.00

CHESTROR_138KV_BK263 355645	47.73 1.16 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.33 0.92 0.00	36.43 0.89 0.00	39.01 0.95 0.00	43.47 1.10 0.00	45.95 1.21 0.00	46.64 1.49 0.00	46.91 1.63 0.00	47.35 1.68 -0.19	53.16 1.44 -0.40	53.99 1.51 -0.39	62.16 1.56 -0.68	65.64 1.64 -0.95	69.24 1.98 -1.16	78.44 3.01 -0.08	81.92 3.98 0.00	79.66 3.58 0.00	75.40 2.41 0.00	68.47 1.01 0.00	60.20 0.36 0.00	53.04 0.47 0.00	48.73 0.48 0.00
CH_MIDHUDSON___DRP 24192	47.97 1.40 0.00	44.62 1.26 0.00	40.30 1.14 0.00	36.50 1.10 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.68 1.31 0.00	46.17 1.43 0.00	46.86 1.72 0.00	47.13 1.86 0.00	47.50 1.86 -0.16	53.31 1.64 -0.34	54.13 1.72 -0.33	62.29 1.80 -0.58	65.75 1.89 -0.80	69.32 2.25 -0.98	78.73 3.32 -0.07	82.38 4.44 0.00	80.11 4.03 0.00	75.69 2.70 0.00	68.74 1.28 0.00	60.44 0.60 0.00	53.31 0.74 0.00	48.93 0.68 0.00
CH_MISC_IPPS 23765	48.48 1.91 0.00	44.97 1.61 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.07 1.70 0.00	46.48 1.74 0.00	47.31 2.17 0.00	47.49 2.22 0.00	47.88 2.23 -0.18	54.01 2.31 -0.37	54.73 2.29 -0.36	63.00 2.46 -0.63	66.52 2.59 -0.87	70.21 3.04 -1.08	79.72 4.29 -0.08	83.32 5.37 0.00	81.02 4.94 0.00	76.42 3.43 0.00	69.41 1.96 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.46 1.21 0.00
CH_RES_BVR_FALLS 23983	46.57 0.00 0.00	43.40 0.04 0.00	39.25 0.08 0.00	35.48 0.07 0.00	35.65 0.11 0.00	38.17 0.11 0.00	42.50 0.13 0.00	44.83 0.09 0.00	45.15 0.00 0.00	45.23 -0.05 0.00	45.38 -0.09 0.00	51.28 -0.05 0.00	51.98 -0.10 0.00	59.73 -0.18 0.00	62.81 -0.25 0.00	65.63 -0.46 0.00	74.59 -0.75 0.00	76.58 -1.40 -0.04	74.86 -1.22 0.00	72.41 -0.59 0.00	67.19 -0.27 0.00	59.84 0.00 0.00	52.57 0.00 0.00	48.30 0.05 0.00
CH_RES_NIAGARA 23895	45.36 -1.21 0.00	42.93 -0.43 0.00	37.76 -1.41 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.46 -1.91 0.00	42.95 -1.79 0.00	43.43 -1.72 0.00	44.32 -0.95 0.00	45.38 -0.09 0.00	52.77 1.44 0.00	54.11 2.03 0.00	62.07 2.16 0.00	65.01 1.95 0.00	69.20 3.11 0.00	79.42 4.07 0.00	83.48 5.53 0.00	80.64 4.56 0.00	76.50 3.50 0.00	69.41 1.96 0.00	61.27 1.44 0.00	53.78 1.21 0.00	49.75 1.50 0.00
CH_RES_SYRACUSE 23985	46.38 -0.19 0.00	43.23 -0.13 0.00	38.90 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.03 -0.34 0.00	44.52 -0.22 0.00	44.78 -0.36 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.33 0.00 0.00	52.24 0.16 0.00	60.39 0.48 0.00	63.62 0.57 0.00	67.15 1.05 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.53 1.54 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
CLINTON_WT_PWR 323605	46.99 0.42 0.00	43.88 0.52 0.00	39.68 0.51 0.00	35.83 0.43 0.00	36.00 0.46 0.00	38.55 0.49 0.00	43.09 0.72 0.00	45.19 0.45 0.00	45.42 0.27 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.91 0.00 0.00	62.93 -0.13 0.00	65.30 -0.79 0.00	73.84 -1.51 0.00	74.85 -3.12 -0.02	73.41 -2.66 0.00	71.90 -1.09 0.00	67.32 -0.13 0.00	60.38 0.54 0.00	53.10 0.53 0.00	48.73 0.48 0.00
CLINTON___LFGE 323618	47.45 0.88 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.22 0.81 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.60 1.23 0.00	45.64 0.89 0.00	45.82 0.68 0.00	45.77 0.50 0.00	46.06 0.59 0.00	51.95 0.62 0.00	52.55 0.47 0.00	60.39 0.48 0.00	63.50 0.44 0.00	65.89 -0.20 0.00	74.67 -0.68 0.00	75.84 -2.10 0.00	74.41 -1.67 0.00	72.92 -0.07 0.00	68.20 0.74 0.00	61.10 1.26 0.00	53.68 1.11 0.00	49.26 1.01 0.00
COBBLENY_34_KV_TB1 80064	46.99 0.42 0.00	44.23 0.87 0.00	39.01 -0.16 0.00	34.91 -0.50 0.00	35.15 -0.39 0.00	37.44 -0.61 0.00	42.03 -0.34 0.00	44.56 -0.18 0.00	44.97 -0.18 0.00	45.86 0.59 0.00	46.98 1.50 0.00	54.61 3.29 0.00	56.14 4.06 0.00	64.59 4.67 0.00	67.79 4.73 0.00	72.30 6.21 0.00	83.26 7.91 0.00	87.37 9.43 0.00	84.68 8.60 0.00	80.15 7.15 0.00	72.45 4.99 0.00	63.73 3.89 0.00	55.62 3.05 0.00	51.43 3.18 0.00
COFFEEN___115KV_TB3 355620	49.50 2.93 0.00	46.14 2.78 0.00	41.52 2.35 0.00	37.32 1.91 0.00	37.50 1.95 0.00	40.15 2.09 0.00	44.87 2.50 0.00	47.16 2.42 0.00	47.00 1.85 0.00	46.63 1.36 0.00	46.52 1.05 0.00	53.02 1.69 0.00	53.54 1.46 0.00	61.95 2.04 0.00	65.01 1.95 0.00	68.74 2.64 0.00	79.04 3.69 0.00	82.40 4.68 0.22	81.79 5.71 0.00	79.42 6.42 0.00	73.93 6.48 0.00	65.58 5.74 0.00	56.93 4.36 0.00	51.97 3.72 0.00
COLDSPRG_115KV_BK1 355956	47.64 1.07 0.00	44.66 1.30 0.00	39.44 0.27 0.00	35.37 -0.04 0.00	35.68 0.14 0.00	38.13 0.08 0.00	42.92 0.55 0.00	45.50 0.76 0.00	45.87 0.72 0.00	46.72 1.45 0.00	47.93 2.46 0.00	55.69 4.36 0.00	57.29 5.21 0.00	65.97 6.05 0.00	69.24 6.18 0.00	73.89 7.80 0.00	85.29 9.95 0.00	89.32 11.38 0.00	86.88 10.80 0.00	82.12 9.12 0.00	74.00 6.54 0.00	64.92 5.09 0.00	56.46 3.89 0.00	52.35 4.10 0.00
COLONIE_LFGE___ 323577	47.45 0.88 0.00	44.05 0.69 0.00	39.91 0.74 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.22 0.85 0.00	45.68 0.94 0.00	46.10 0.95 0.00	46.00 0.72 0.00	45.67 0.45 0.26	51.14 0.36 0.55	51.80 0.26 0.54	59.21 0.24 0.94	62.07 0.32 1.30	65.15 0.66 1.60	76.74 1.51 0.11	80.67 2.73 0.00	78.90 2.82 0.00	74.89 1.89 0.00	68.60 1.15 0.00	60.44 0.60 0.00	53.15 0.58 0.00	48.68 0.43 0.00
COOPERNY_115KV_TB1 80082	47.41 0.84 0.00	44.10 0.74 0.00	39.87 0.71 0.00	36.11 0.71 0.00	36.22 0.68 0.00	38.78 0.72 0.00	43.17 0.81 0.00	45.64 0.89 0.00	46.23 1.08 0.00	46.50 1.22 0.00	46.83 1.23 -0.13	52.73 1.13 -0.28	53.55 1.20 -0.27	61.64 1.26 -0.47	65.03 1.32 -0.65	68.55 1.65 -0.80	77.97 2.56 -0.06	81.29 3.35 0.00	79.12 3.04 0.00	75.11 2.12 0.00	68.40 0.94 0.00	60.26 0.42 0.00	53.04 0.47 0.00	48.68 0.43 0.00
COPENHAGEN_WT_PWR 323753	48.76 2.19 0.00	45.53 2.17 0.00	40.97 1.80 0.00	36.86 1.45 0.00	37.03 1.49 0.00	39.69 1.64 0.00	44.32 1.95 0.00	46.62 1.88 0.00	46.46 1.31 0.00	46.27 0.99 0.00	46.20 0.73 0.00	52.51 1.18 0.00	53.12 1.04 0.00	61.47 1.56 0.00	64.57 1.51 0.00	68.21 2.11 0.00	78.28 2.94 0.00	81.48 3.74 0.20	80.72 4.64 0.00	78.25 5.26 0.00	72.58 5.12 0.00	64.38 4.55 0.00	56.04 3.47 0.00	51.24 2.99 0.00
CORNELL_____ 23752	47.50 0.93 0.00	44.27 0.91 0.00	39.72 0.55 0.00	35.80 0.39 0.00	35.97 0.43 0.00	38.51 0.46 0.00	43.05 0.68 0.00	45.50 0.76 0.00	45.73 0.59 0.00	45.82 0.54 0.00	46.11 0.64 0.00	52.41 1.08 0.00	53.23 1.15 0.00	61.59 1.68 0.00	64.82 1.77 0.00	68.54 2.45 0.00	78.81 3.47 0.00	82.70 4.75 0.00	80.95 4.87 0.00	77.37 4.38 0.00	70.83 3.37 0.00	62.41 2.57 0.00	54.57 2.00 0.00	49.94 1.69 0.00

CORONA V_69_KV_TB1 355595	48.16 1.58 -0.01	45.93 2.56 -0.01	44.11 2.19 -2.75	37.54 2.12 -0.01	37.61 2.06 -0.01	40.31 2.25 -0.01	44.92 2.54 -0.01	46.62 1.88 0.00	47.18 2.03 0.00	47.63 2.35 0.00	48.42 2.73 -0.22	54.57 2.77 -0.47	56.09 3.54 -0.46	64.43 3.71 -0.80	68.01 3.85 -1.11	71.77 4.30 -1.38	81.26 5.80 -0.11	84.80 6.86 0.00	82.01 5.93 0.00	77.44 4.45 0.00	69.07 1.62 0.00	60.49 0.66 0.00	53.68 0.79 -0.33	49.50 0.53 -0.72
CORTLAND_115KV_TB3 80093	47.03 0.47 0.00	43.84 0.48 0.00	39.40 0.24 0.00	35.55 0.14 0.00	35.72 0.18 0.00	38.24 0.19 0.00	42.67 0.30 0.00	45.10 0.36 0.00	45.42 0.27 0.00	45.59 0.32 0.00	45.88 0.41 0.00	52.10 0.77 0.00	52.92 0.83 0.00	61.11 1.20 0.00	64.38 1.32 0.00	67.94 1.85 0.00	77.98 2.64 0.00	81.59 3.66 0.02	79.73 3.65 0.00	76.20 3.21 0.00	69.75 2.29 0.00	61.45 1.62 0.00	53.83 1.26 0.00	49.31 1.06 0.00
COXSACKIE__GT 23611	48.15 1.58 0.00	44.66 1.30 0.00	40.31 1.14 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.12 1.06 0.00	43.60 1.23 0.00	45.77 1.03 0.00	45.73 0.59 0.00	45.37 0.09 0.00	45.68 0.27 0.07	51.38 0.21 0.15	52.14 0.21 0.15	60.01 0.36 0.26	63.32 0.63 0.37	66.96 1.32 0.45	76.82 1.51 0.03	81.29 3.35 0.00	80.18 4.11 0.00	76.42 3.43 0.00	70.02 2.56 0.00	61.70 1.86 0.00	54.15 1.58 0.00	49.46 1.21 0.00
CPV_VALLEY__CC1 323721	47.55 0.98 0.00	44.14 0.78 0.00	39.87 0.71 0.00	36.15 0.74 0.00	36.25 0.71 0.00	38.85 0.80 0.00	43.30 0.93 0.00	45.72 0.98 0.00	46.50 1.35 0.00	46.72 1.45 0.00	47.05 1.41 -0.17	53.07 1.39 -0.36	53.73 1.30 -0.35	61.78 1.26 -0.61	65.16 1.26 -0.84	68.78 1.65 -1.04	77.98 2.56 -0.07	81.37 3.43 0.00	79.13 3.05 0.00	74.82 1.83 0.00	68.06 0.61 0.00	59.90 0.06 0.00	52.83 0.26 0.00	48.59 0.34 0.00
CPV_VALLEY__CC2 323722	47.55 0.98 0.00	44.14 0.78 0.00	39.87 0.71 0.00	36.15 0.74 0.00	36.25 0.71 0.00	38.85 0.80 0.00	43.30 0.93 0.00	45.72 0.98 0.00	46.50 1.35 0.00	46.72 1.45 0.00	47.05 1.41 -0.17	53.07 1.39 -0.36	53.73 1.30 -0.35	61.78 1.26 -0.61	65.16 1.26 -0.84	68.78 1.65 -1.04	77.98 2.56 -0.07	81.37 3.43 0.00	79.13 3.05 0.00	74.82 1.83 0.00	68.06 0.61 0.00	59.90 0.06 0.00	52.83 0.26 0.00	48.59 0.34 0.00
CRESCENT__HYD 24018	47.45 0.88 0.00	44.05 0.69 0.00	39.91 0.74 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.22 0.85 0.00	45.68 0.94 0.00	46.10 0.95 0.00	46.00 0.72 0.00	45.67 0.45 0.26	51.14 0.36 0.55	51.80 0.26 0.54	59.21 0.24 0.94	62.07 0.32 1.30	65.15 0.66 1.60	76.74 1.51 0.11	80.67 2.73 0.00	78.90 2.82 0.00	74.89 1.89 0.00	68.60 1.15 0.00	60.44 0.60 0.00	53.15 0.58 0.00	48.68 0.43 0.00
CRICKET__VALLEY_CC1 323756	47.31 0.74 0.00	43.92 0.56 0.00	39.76 0.59 0.00	36.04 0.64 0.00	36.14 0.60 0.00	38.74 0.69 0.00	43.17 0.80 0.00	45.64 0.89 0.00	46.37 1.22 0.00	46.45 1.18 0.00	43.69 1.05 2.83	46.24 0.87 5.96	46.94 0.73 5.87	50.25 0.54 10.20	49.46 0.50 14.10	49.51 0.80 17.37	75.77 1.66 1.23	80.74 2.80 0.00	78.51 2.43 0.00	74.16 1.16 0.00	67.46 0.00 0.00	59.36 -0.48 0.00	52.41 -0.16 0.00	48.15 -0.10 0.00
CRICKET__VALLEY_CC2 323757	47.31 0.74 0.00	43.92 0.56 0.00	39.76 0.59 0.00	36.04 0.64 0.00	36.14 0.60 0.00	38.74 0.69 0.00	43.17 0.80 0.00	45.64 0.89 0.00	46.37 1.22 0.00	46.45 1.18 0.00	43.69 1.05 2.83	46.24 0.87 5.96	46.94 0.73 5.87	50.25 0.54 10.20	49.46 0.50 14.10	49.51 0.80 17.37	75.77 1.66 1.23	80.74 2.80 0.00	78.51 2.43 0.00	74.16 1.16 0.00	67.46 0.00 0.00	59.36 -0.48 0.00	52.41 -0.16 0.00	48.15 -0.10 0.00
CRICKET__VALLEY_CC3 323758	47.31 0.74 0.00	43.92 0.56 0.00	39.76 0.59 0.00	36.04 0.64 0.00	36.14 0.60 0.00	38.74 0.69 0.00	43.17 0.80 0.00	45.64 0.89 0.00	46.37 1.22 0.00	46.45 1.18 0.00	43.69 1.05 2.83	46.24 0.87 5.96	46.94 0.73 5.87	50.25 0.54 10.20	49.46 0.50 14.10	49.51 0.80 17.37	75.77 1.66 1.23	80.74 2.80 0.00	78.51 2.43 0.00	74.16 1.16 0.00	67.46 0.00 0.00	59.36 -0.48 0.00	52.41 -0.16 0.00	48.15 -0.10 0.00
CRUCIBLE_METL_DRP 24180	46.43 -0.14 0.00	43.23 -0.13 0.00	38.89 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.07 -0.30 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.48 0.15 0.00	52.29 0.21 0.00	60.45 0.54 0.00	63.62 0.57 0.00	67.15 1.06 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.82 1.82 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
DAHOWA__HYDRO 323763	48.20 1.63 0.00	44.66 1.30 0.00	40.42 1.25 0.00	36.57 1.17 0.00	36.75 1.21 0.00	39.39 1.33 0.00	43.77 1.40 0.00	46.17 1.43 0.00	46.41 1.26 0.00	46.13 0.86 0.00	45.58 0.32 0.21	51.09 0.21 0.45	51.75 0.10 0.44	59.33 0.18 0.77	62.44 0.44 1.06	65.84 1.05 1.30	77.51 2.26 0.09	81.61 3.66 0.00	80.41 4.33 0.00	76.57 3.58 0.00	70.29 2.83 0.00	61.75 1.91 0.00	54.20 1.63 0.00	49.60 1.35 0.00
DANC__LFGE 323619	47.64 1.07 0.00	44.45 1.08 0.00	40.03 0.86 0.00	36.04 0.64 0.00	36.21 0.67 0.00	38.78 0.72 0.00	43.26 0.89 0.00	45.59 0.85 0.00	45.64 0.50 0.00	45.55 0.27 0.00	45.66 0.18 0.00	51.79 0.46 0.00	52.40 0.31 0.00	60.64 0.72 0.00	63.75 0.69 0.00	67.28 1.19 0.00	77.15 1.81 0.00	80.30 2.49 0.14	79.13 3.05 0.00	76.20 3.21 0.00	70.56 3.10 0.00	62.53 2.70 0.00	54.62 2.05 0.00	49.98 1.73 0.00
DANSKAMMER__1 23586	48.48 1.91 0.00	44.97 1.61 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.07 1.70 0.00	46.48 1.74 0.00	47.31 2.17 0.00	47.49 2.22 0.00	47.88 2.23 -0.18	54.01 2.31 -0.37	54.73 2.29 -0.36	63.00 2.46 -0.63	66.52 2.59 -0.87	70.21 3.04 -1.08	79.72 4.29 -0.08	83.32 5.37 0.00	81.02 4.94 0.00	76.42 3.43 0.00	69.41 1.96 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.46 1.21 0.00
DANSKAMMER__2 23589	48.48 1.91 0.00	44.97 1.61 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.07 1.70 0.00	46.48 1.74 0.00	47.31 2.17 0.00	47.49 2.22 0.00	47.88 2.23 -0.18	54.01 2.31 -0.37	54.73 2.29 -0.36	63.00 2.46 -0.63	66.52 2.59 -0.87	70.21 3.04 -1.08	79.72 4.29 -0.08	83.32 5.37 0.00	81.02 4.94 0.00	76.42 3.43 0.00	69.41 1.96 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.46 1.21 0.00
DANSKAMMER__3 23590	48.48 1.91 0.00	44.97 1.61 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.07 1.70 0.00	46.48 1.74 0.00	47.31 2.17 0.00	47.49 2.22 0.00	47.88 2.23 -0.18	54.01 2.31 -0.37	54.73 2.29 -0.36	63.00 2.46 -0.63	66.52 2.59 -0.87	70.21 3.04 -1.08	79.72 4.29 -0.08	83.32 5.37 0.00	81.02 4.94 0.00	76.42 3.43 0.00	69.41 1.96 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.46 1.21 0.00

DANSKAMMER___4 23591	48.48 1.91 0.00	44.97 1.61 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.07 1.70 0.00	46.48 1.74 0.00	47.31 2.17 0.00	47.49 2.22 0.00	47.88 2.23 -0.18	54.01 2.31 -0.37	54.73 2.29 -0.36	63.00 2.46 -0.63	66.52 2.59 -0.87	70.21 3.04 -1.08	79.72 4.29 -0.08	83.32 5.37 0.00	81.02 4.94 0.00	76.42 3.43 0.00	69.41 1.96 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.46 1.21 0.00
DANSKAMMER___DIESEL 23592	48.38 1.82 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.02 1.65 0.00	46.49 1.74 0.00	47.18 2.03 0.00	47.45 2.17 0.00	47.88 2.23 -0.18	53.80 2.10 -0.37	54.69 2.24 -0.36	62.94 2.40 -0.63	66.52 2.59 -0.87	70.21 3.04 -1.08	79.64 4.22 -0.08	83.32 5.38 0.00	81.02 4.95 0.00	76.57 3.58 0.00	69.41 1.96 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.41 1.16 0.00
DARBY___SOLAR 323810	48.01 1.45 0.00	44.53 1.17 0.00	40.31 1.14 0.00	36.50 1.10 0.00	36.64 1.10 0.00	39.27 1.22 0.00	43.64 1.27 0.00	46.04 1.30 0.00	46.32 1.17 0.00	46.04 0.77 0.00	45.53 0.27 0.22	51.02 0.15 0.47	51.68 0.05 0.46	59.18 0.06 0.80	62.27 0.32 1.10	65.66 0.92 1.36	77.29 2.04 0.10	81.37 3.43 0.00	80.11 4.03 0.00	76.28 3.29 0.00	69.88 2.42 0.00	61.51 1.67 0.00	53.99 1.42 0.00	49.41 1.16 0.00
DASHVILLE___HYD 23610	47.83 1.26 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.36 0.96 0.00	36.43 0.89 0.00	39.01 0.95 0.00	43.43 1.06 0.00	45.81 1.07 0.00	46.46 1.31 0.00	46.77 1.49 0.00	47.63 2.05 -0.11	53.40 1.85 -0.22	54.28 1.98 -0.22	62.39 2.10 -0.38	65.86 2.27 -0.53	69.46 2.71 -0.65	78.18 2.79 -0.05	81.84 3.90 0.00	79.66 3.58 0.00	75.25 2.26 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.10 0.53 0.00	48.78 0.53 0.00
DELAWARE___LFGE 323621	47.50 0.93 0.00	44.19 0.82 0.00	39.95 0.78 0.00	36.11 0.71 0.00	36.25 0.71 0.00	38.85 0.80 0.00	43.17 0.81 0.00	45.59 0.85 0.00	46.05 0.90 0.00	46.18 0.91 0.00	46.34 0.86 0.00	52.41 1.08 0.00	53.18 1.09 0.00	61.23 1.32 0.00	64.44 1.39 0.00	67.94 1.85 0.00	78.06 2.71 0.00	81.45 3.51 0.00	79.58 3.50 0.00	75.84 2.85 0.00	69.34 1.89 0.00	61.10 1.26 0.00	53.57 1.00 0.00	49.17 0.92 0.00
DERFIELD_115KV_TB7 355931	46.57 0.00 0.00	43.36 0.00 0.00	39.21 0.04 0.00	35.44 0.04 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.41 0.04 0.00	44.79 0.04 0.00	45.19 0.05 0.00	45.32 0.05 0.00	45.47 0.00 0.00	51.33 0.00 0.00	52.08 0.00 0.00	59.91 0.00 0.00	63.06 0.00 0.00	66.22 0.13 0.00	75.72 0.38 0.00	78.63 0.70 0.02	76.76 0.68 0.00	73.50 0.51 0.00	67.59 0.13 0.00	59.84 0.00 0.00	52.57 0.00 0.00	48.20 -0.05 0.00
DOGLEVILLE___HYD 23807	47.64 1.07 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.18 0.78 0.00	36.32 0.78 0.00	38.93 0.88 0.00	43.39 1.02 0.00	45.77 1.03 0.00	46.18 1.04 0.00	46.27 1.00 0.00	46.43 0.95 0.00	52.51 1.18 0.00	53.28 1.20 0.00	61.35 1.44 0.00	64.57 1.51 0.00	67.94 1.85 0.00	77.76 2.41 0.00	80.81 2.88 0.02	79.05 2.97 0.00	75.62 2.63 0.00	69.55 2.09 0.00	61.51 1.68 0.00	53.94 1.37 0.00	49.46 1.21 0.00
DUNKIRK___115KV_TB_200 55889	47.36 0.79 0.00	44.53 1.17 0.00	39.29 0.12 0.00	35.23 -0.18 0.00	35.47 -0.07 0.00	37.86 -0.19 0.00	42.50 0.13 0.00	45.05 0.31 0.00	45.42 0.27 0.00	46.32 1.04 0.00	47.48 2.00 0.00	55.13 3.80 0.00	56.67 4.58 0.00	65.19 5.27 0.00	68.42 5.36 0.00	72.97 6.87 0.00	84.01 8.66 0.00	88.07 10.13 0.00	85.51 9.43 0.00	81.02 8.03 0.00	73.19 5.73 0.00	64.33 4.49 0.00	56.09 3.52 0.00	51.82 3.57 0.00
DUNKIRK___1 23563	47.36 0.79 0.00	44.53 1.17 0.00	39.29 0.12 0.00	35.23 -0.18 0.00	35.47 -0.07 0.00	37.86 -0.19 0.00	42.50 0.13 0.00	45.05 0.31 0.00	45.42 0.27 0.00	46.32 1.04 0.00	47.48 2.00 0.00	55.13 3.80 0.00	56.67 4.58 0.00	65.19 5.27 0.00	68.42 5.36 0.00	72.97 6.87 0.00	84.01 8.66 0.00	88.07 10.13 0.00	85.51 9.43 0.00	81.02 8.03 0.00	73.19 5.73 0.00	64.33 4.49 0.00	56.09 3.52 0.00	51.82 3.57 0.00
DUNKIRK___2 23564	47.36 0.79 0.00	44.53 1.17 0.00	39.29 0.12 0.00	35.23 -0.18 0.00	35.47 -0.07 0.00	37.86 -0.19 0.00	42.50 0.13 0.00	45.05 0.31 0.00	45.42 0.27 0.00	46.32 1.04 0.00	47.48 2.00 0.00	55.13 3.80 0.00	56.67 4.58 0.00	65.19 5.27 0.00	68.42 5.36 0.00	72.97 6.87 0.00	84.01 8.66 0.00	88.07 10.13 0.00	85.51 9.43 0.00	81.02 8.03 0.00	73.19 5.73 0.00	64.33 4.49 0.00	56.09 3.52 0.00	51.82 3.57 0.00
DUNKIRK___3 23565	47.03 0.47 0.00	44.27 0.91 0.00	39.05 -0.12 0.00	35.02 -0.39 0.00	35.26 -0.28 0.00	37.60 -0.46 0.00	42.20 -0.17 0.00	44.70 -0.04 0.00	45.15 0.00 0.00	46.00 0.72 0.00	47.11 1.64 0.00	54.72 3.39 0.00	56.20 4.11 0.00	64.65 4.73 0.00	67.85 4.79 0.00	72.37 6.28 0.00	83.26 7.91 0.00	87.37 9.43 0.00	84.75 8.67 0.00	80.29 7.30 0.00	72.58 5.13 0.00	63.79 3.95 0.00	55.67 3.10 0.00	51.48 3.23 0.00
DUNKIRK___4 23566	47.03 0.47 0.00	44.27 0.91 0.00	39.05 -0.12 0.00	35.02 -0.39 0.00	35.26 -0.28 0.00	37.60 -0.46 0.00	42.20 -0.17 0.00	44.70 -0.04 0.00	45.15 0.00 0.00	46.00 0.72 0.00	47.11 1.64 0.00	54.72 3.39 0.00	56.20 4.11 0.00	64.65 4.73 0.00	67.85 4.79 0.00	72.37 6.28 0.00	83.26 7.91 0.00	87.37 9.43 0.00	84.75 8.67 0.00	80.29 7.30 0.00	72.58 5.13 0.00	63.79 3.95 0.00	55.67 3.10 0.00	51.48 3.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.20 1.63 0.00	44.84 1.47 0.00	40.50 1.33 0.00	36.68 1.27 0.00	36.75 1.21 0.00	39.42 1.37 0.00	43.98 1.61 0.00	46.49 1.74 0.00	47.31 2.17 0.00	47.72 2.44 0.00	48.11 2.41 -0.22	53.90 2.10 -0.47	54.78 2.24 -0.46	62.87 2.16 -0.80	66.37 2.21 -1.11	70.04 2.58 -1.37	79.29 3.84 -0.10	82.77 4.83 0.00	80.34 4.26 0.00	75.77 2.77 0.00	68.60 1.15 0.00	60.32 0.48 0.00	53.25 0.68 0.00	48.97 0.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.01 1.44 0.00	44.62 1.26 0.00	40.30 1.14 0.00	36.54 1.13 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.73 1.36 0.00	46.17 1.43 0.00	46.91 1.76 0.00	47.18 1.90 0.00	47.61 1.96 -0.18	53.49 1.80 -0.37	54.32 1.87 -0.36	62.52 1.98 -0.63	66.01 2.08 -0.87	69.68 2.51 -1.08	79.04 3.62 -0.08	82.62 4.68 0.00	80.34 4.26 0.00	75.98 2.99 0.00	68.87 1.42 0.00	60.62 0.78 0.00	53.41 0.84 0.00	49.02 0.77 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.71 2.14 0.00	45.23 1.86 0.00	40.85 1.68 0.00	37.00 1.59 0.00	37.03 1.49 0.00	39.73 1.67 0.00	44.32 1.95 0.00	46.93 2.19 0.00	47.81 2.66 0.00	48.09 2.81 -0.01	48.65 2.96 -0.22	54.22 2.41 -0.48	54.83 2.29 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.75 3.32 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.83 0.00 0.01	53.05 0.47 -0.01	49.36 1.11 0.00

E179THST_13_KV_LOAD 356214	49.04 2.47 0.00	45.49 2.12 0.00	41.09 1.92 0.00	37.18 1.77 0.00	37.25 1.71 0.00	39.96 1.90 0.00	44.57 2.20 0.00	47.20 2.46 0.00	48.08 2.93 0.00	48.41 3.12 -0.01	48.97 3.27 -0.22	54.63 2.82 -0.48	55.25 2.71 -0.46	62.98 2.28 -0.79	66.43 2.27 -1.10	70.09 2.64 -1.36	79.35 3.92 -0.09	82.92 4.99 0.01	80.33 4.26 0.01	75.68 2.70 0.01	68.53 1.08 0.01	60.31 0.48 0.01	53.47 0.89 -0.01	49.75 1.50 0.00
EAST HAMPTON___GT 23717	52.10 5.54 0.01	48.57 5.20 -0.01	46.77 4.39 -3.21	39.24 3.83 -0.01	39.10 3.55 -0.01	41.83 3.77 -0.01	45.89 3.51 -0.01	47.74 3.00 0.00	48.80 3.66 0.00	48.94 3.67 0.00	49.55 3.86 -0.22	56.57 4.77 -0.47	58.34 5.78 -0.48	67.62 6.17 -1.53	70.80 6.62 -1.13	116.87 7.34 -43.44	123.74 9.65 -38.74	126.33 10.99 -37.40	120.43 9.89 -34.46	80.66 7.66 -0.01	71.43 3.98 0.00	62.64 2.81 0.01	53.37 2.16 1.36	47.33 2.12 3.04
EAST RIVER___6 23660	48.61 2.05 0.00	45.10 1.74 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.22 2.94 -0.01	48.61 2.91 -0.22	54.52 2.72 -0.47	55.15 2.60 -0.46	63.23 2.52 -0.80	66.50 2.33 -1.11	70.17 2.71 -1.37	79.51 4.07 -0.10	82.86 4.91 0.00	80.18 4.11 0.00	75.40 2.41 0.00	68.33 0.87 0.00	60.20 0.36 0.00	53.36 0.79 0.00	49.26 1.01 0.00
EAST RIVER___7 23524	48.61 2.05 0.00	45.10 1.74 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.22 2.94 -0.01	48.61 2.91 -0.22	54.52 2.72 -0.47	55.15 2.60 -0.46	63.23 2.52 -0.80	66.50 2.33 -1.11	70.17 2.71 -1.37	79.51 4.07 -0.10	82.86 4.91 0.00	80.18 4.11 0.00	75.40 2.41 0.00	68.33 0.87 0.00	60.20 0.36 0.00	53.36 0.79 0.00	49.26 1.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.06 1.49 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.35 1.61 0.00	47.18 2.03 0.00	47.54 2.26 0.00	47.97 2.27 -0.22	53.80 2.00 -0.47	54.63 2.08 -0.46	62.75 2.04 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.36	79.06 3.62 -0.10	82.62 4.68 0.00	80.19 4.11 0.00	75.62 2.63 0.00	68.47 1.01 0.00	60.20 0.36 0.00	53.15 0.58 0.00	48.88 0.63 0.00
EAST_HAMPTON___DIESEL 23722	52.10 5.54 0.01	48.57 5.20 -0.01	46.77 4.39 -3.21	39.24 3.83 -0.01	39.07 3.52 -0.01	41.83 3.77 -0.01	45.85 3.48 -0.01	47.64 2.91 0.00	48.71 3.57 0.00	48.85 3.58 0.00	49.46 3.77 -0.22	56.46 4.67 -0.47	58.24 5.68 -0.48	67.56 6.11 -1.53	70.68 6.50 -1.13	116.74 7.21 -43.44	123.58 9.49 -38.74	126.17 10.83 -37.40	120.36 9.82 -34.46	80.52 7.52 -0.01	71.36 3.91 0.00	62.59 2.75 0.01	53.32 2.10 1.36	47.33 2.12 3.04
EAST_POINT___SOLAR 323840	49.31 2.75 0.00	45.74 2.38 0.00	41.28 2.11 0.00	37.25 1.84 0.00	37.46 1.92 0.00	40.22 2.17 0.00	44.61 2.24 0.00	45.77 1.03 0.00	44.74 -0.41 0.00	44.01 -1.27 0.00	43.53 -1.82 0.13	48.96 -2.11 0.27	49.53 -2.29 0.26	57.06 -2.40 0.45	60.22 -2.21 0.63	63.86 -1.45 0.77	75.37 0.08 0.05	80.51 2.57 0.00	81.40 5.32 0.00	79.19 6.20 0.00	73.05 5.60 0.00	64.15 4.31 0.00	55.98 3.42 0.00	51.19 2.94 0.00
EAST_PULASKI___ESR 323781	46.57 0.00 0.00	43.40 0.04 0.00	39.09 -0.08 0.00	35.23 -0.18 0.00	35.40 -0.14 0.00	37.90 -0.15 0.00	42.24 -0.13 0.00	44.61 -0.13 0.00	44.83 -0.31 0.00	44.91 -0.36 0.00	45.11 -0.37 0.00	51.07 -0.26 0.00	51.72 -0.36 0.00	59.73 -0.18 0.00	62.87 -0.19 0.00	66.36 0.27 0.00	75.95 0.60 0.00	79.11 1.24 0.07	77.52 1.44 0.00	74.23 1.24 0.00	68.53 1.08 0.00	60.68 0.84 0.00	53.10 0.53 0.00	48.78 0.53 0.00
EAST_RIVER___1 323558	48.57 2.00 0.00	45.10 1.74 0.00	40.62 1.45 0.00	36.82 1.42 0.00	36.86 1.32 0.00	39.50 1.45 0.00	44.19 1.82 0.00	46.76 2.02 0.00	47.86 2.71 0.00	48.22 2.94 -0.01	48.56 2.87 -0.22	54.52 2.72 -0.47	55.15 2.60 -0.46	63.17 2.46 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.59 4.14 -0.10	83.01 5.06 0.00	80.41 4.33 0.00	75.62 2.62 0.00	68.47 1.01 0.00	60.26 0.42 0.00	53.36 0.79 0.00	49.26 1.01 0.00
EAST_RIVER___2 323559	48.61 2.05 0.00	45.10 1.74 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.81 2.66 0.00	48.22 2.94 -0.01	48.61 2.91 -0.22	54.52 2.72 -0.47	55.15 2.60 -0.46	63.23 2.52 -0.80	66.50 2.33 -1.11	70.17 2.71 -1.37	79.51 4.07 -0.10	82.86 4.91 0.00	80.18 4.11 0.00	75.40 2.41 0.00	68.33 0.87 0.00	60.20 0.36 0.00	53.36 0.79 0.00	49.26 1.01 0.00
EAST___DELAWARE_HYD 23607	48.24 1.67 0.00	44.75 1.39 0.00	40.34 1.17 0.00	36.50 1.10 0.00	36.61 1.07 0.00	39.19 1.14 0.00	43.77 1.40 0.00	46.21 1.47 0.00	46.91 1.76 0.00	47.09 1.81 0.00	47.44 1.82 -0.14	53.57 1.95 -0.29	54.30 1.93 -0.29	62.57 2.15 -0.50	66.09 2.33 -0.70	69.79 2.84 -0.86	79.55 4.14 -0.06	83.24 5.30 0.00	81.18 5.10 0.00	76.71 3.72 0.00	69.75 2.29 0.00	61.27 1.43 0.00	53.88 1.31 0.00	49.46 1.21 0.00
EIGHT_POINT___WT_PWR 323820	47.17 0.60 0.00	44.36 1.00 0.00	39.48 0.31 0.00	35.44 0.04 0.00	35.72 0.18 0.00	38.17 0.11 0.00	42.71 0.34 0.00	45.10 0.36 0.00	44.83 -0.31 0.00	45.50 0.23 0.00	46.47 1.00 0.00	52.82 1.49 0.00	54.58 2.50 0.00	63.21 3.29 0.00	66.65 3.59 0.00	70.91 4.82 0.00	81.90 6.55 0.00	86.05 8.11 0.00	83.99 7.91 0.00	79.19 6.20 0.00	72.78 5.33 0.00	63.91 4.07 0.00	55.78 3.21 0.00	51.24 2.99 0.00
ELBRIDGE_115KV_TB2 80188	46.20 -0.37 0.00	43.06 -0.30 0.00	38.70 -0.47 0.00	34.91 -0.50 0.00	35.08 -0.46 0.00	37.52 -0.53 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.65 -0.50 0.00	44.87 -0.41 0.00	45.20 -0.27 0.00	51.33 0.00 0.00	52.13 0.05 0.00	60.21 0.30 0.00	63.37 0.32 0.00	66.89 0.79 0.00	76.63 1.28 0.00	80.11 2.18 0.02	78.06 1.98 0.00	74.60 1.61 0.00	68.33 0.88 0.00	60.32 0.48 0.00	52.83 0.26 0.00	48.44 0.19 0.00
ELEC_TRO_TEK 24086	47.73 1.16 0.00	45.54 2.17 -0.01	43.79 1.92 -2.70	37.25 1.84 -0.01	37.32 1.78 -0.01	40.00 1.94 -0.01	44.62 2.25 -0.01	46.31 1.57 0.00	46.86 1.72 0.00	47.27 1.99 0.00	48.01 2.32 -0.22	54.06 2.26 -0.47	55.51 2.97 -0.46	63.77 3.06 -0.80	67.26 3.09 -1.11	70.97 3.50 -1.38	80.35 4.90 -0.11	83.87 5.92 0.00	81.10 5.02 0.00	76.50 3.50 0.00	68.33 0.88 0.00	59.90 0.06 0.00	52.72 0.26 0.11	48.10 0.10 0.24
ELLENBURG_WT_PWR 323604	46.99 0.42 0.00	43.88 0.52 0.00	39.68 0.51 0.00	35.83 0.43 0.00	36.00 0.46 0.00	38.55 0.49 0.00	43.09 0.72 0.00	45.19 0.45 0.00	45.42 0.27 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.91 0.00 0.00	62.93 -0.13 0.00	65.30 -0.79 0.00	73.84 -1.51 0.00	74.85 -3.12 -0.02	73.41 -2.66 0.00	71.90 -1.09 0.00	67.32 -0.13 0.00	60.38 0.54 0.00	53.10 0.53 0.00	48.73 0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.66 0.09 0.00	44.01 0.65 0.00	38.78 -0.39 0.00	34.73 -0.67 0.00	34.94 -0.60 0.00	37.22 -0.84 0.00	41.73 -0.64 0.00	44.20 -0.54 0.00	44.65 -0.50 0.00	45.55 0.27 0.00	46.66 1.18 0.00	54.20 2.87 0.00	55.68 3.59 0.00	63.99 4.07 0.00	67.03 3.97 0.00	71.51 5.42 0.00	82.20 6.86 0.00	86.28 8.34 0.00	83.54 7.46 0.00	79.20 6.20 0.00	71.64 4.18 0.00	63.13 3.29 0.00	55.20 2.63 0.00	51.10 2.85 0.00
EMPIRE_CC_1 323656	46.52 -0.05 0.00	43.19 -0.17 0.00	39.17 0.00 0.00	35.55 0.14 0.00	35.68 0.14 0.00	38.21 0.15 0.00	42.45 0.08 0.00	44.83 0.09 0.00	45.33 0.18 0.00	45.28 0.00 0.00	44.91 -0.23 0.34	50.16 -0.46 0.71	50.76 -0.62 0.70	57.80 -0.90 1.21	60.44 -0.94 1.68	63.30 -0.73 2.07	74.98 -0.23 0.15	78.80 0.86 0.00	76.92 0.84 0.00	72.99 0.00 0.00	66.78 -0.67 0.00	58.88 -0.96 0.00	51.83 -0.74 0.00	47.57 -0.68 0.00
EMPIRE_CC_2 323658	46.52 -0.05 0.00	43.19 -0.17 0.00	39.17 0.00 0.00	35.55 0.14 0.00	35.68 0.14 0.00	38.21 0.15 0.00	42.45 0.08 0.00	44.83 0.09 0.00	45.33 0.18 0.00	45.28 0.00 0.00	44.91 -0.23 0.34	50.16 -0.46 0.71	50.76 -0.62 0.70	57.80 -0.90 1.21	60.44 -0.94 1.68	63.30 -0.73 2.07	74.98 -0.23 0.15	78.80 0.86 0.00	76.92 0.84 0.00	72.99 0.00 0.00	66.78 -0.67 0.00	58.88 -0.96 0.00	51.83 -0.74 0.00	47.57 -0.68 0.00
ENORWICH_115KV_TB1 80156	50.01 3.45 0.00	46.48 3.12 0.00	41.75 2.59 0.00	37.53 2.12 0.00	37.74 2.20 0.00	40.45 2.40 0.00	45.29 2.92 0.00	47.78 3.04 0.00	47.67 2.53 0.00	47.49 2.22 0.00	47.48 2.00 0.00	54.41 3.08 0.00	55.21 3.12 0.00	64.23 4.31 0.00	67.66 4.60 0.00	71.91 5.82 0.00	83.18 7.84 0.00	87.61 9.66 0.00	86.35 10.27 0.00	82.63 9.63 0.00	75.48 8.03 0.00	66.36 6.52 0.00	57.67 5.10 0.00	52.69 4.44 0.00
ERIE_ST__34_KV_TB1-2 80199	46.94 0.37 0.00	44.14 0.78 0.00	38.89 -0.27 0.00	34.87 -0.53 0.00	35.11 -0.43 0.00	37.44 -0.61 0.00	42.03 -0.34 0.00	44.52 -0.22 0.00	44.97 -0.18 0.00	45.86 0.59 0.00	46.98 1.50 0.00	54.61 3.29 0.00	56.20 4.11 0.00	64.71 4.79 0.00	67.91 4.86 0.00	72.50 6.41 0.00	83.56 8.21 0.00	87.61 9.66 0.00	84.98 8.90 0.00	80.36 7.37 0.00	72.45 4.99 0.00	63.67 3.83 0.00	55.51 2.94 0.00	51.34 3.09 0.00
ERIE_WT_PWR 323693	46.57 0.00 0.00	44.01 0.65 0.00	38.90 -0.27 0.00	34.88 -0.53 0.00	35.12 -0.42 0.00	37.41 -0.65 0.00	41.78 -0.59 0.00	44.34 -0.40 0.00	44.34 -0.81 0.00	45.59 0.32 0.00	46.89 1.41 0.00	53.48 2.16 0.00	55.73 3.64 0.00	64.17 4.25 0.00	67.47 4.41 0.00	72.04 5.95 0.00	83.26 7.91 0.00	86.90 8.96 0.00	84.30 8.22 0.00	78.61 5.62 0.00	72.18 4.72 0.00	63.55 3.71 0.00	55.51 2.94 0.00	51.14 2.89 0.00
ESPRGFLD_115KV_TB1 80157	48.48 1.91 0.00	45.01 1.65 0.00	40.62 1.45 0.00	36.65 1.24 0.00	36.82 1.28 0.00	39.54 1.48 0.00	44.02 1.65 0.00	46.17 1.43 0.00	46.14 0.99 0.00	45.95 0.68 0.00	45.85 0.45 0.08	51.89 0.72 0.16	52.60 0.68 0.16	60.66 1.02 0.27	63.88 1.20 0.38	67.54 1.92 0.47	78.63 3.32 0.03	82.77 4.83 0.00	81.63 5.55 0.00	78.32 5.33 0.00	71.71 4.25 0.00	63.01 3.17 0.00	55.04 2.47 0.00	50.37 2.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.41 0.84 0.00	44.19 0.82 0.00	39.68 0.51 0.00	35.76 0.35 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.96 0.59 0.00	45.41 0.67 0.00	45.64 0.50 0.00	45.77 0.50 0.00	46.07 0.59 0.00	52.30 0.98 0.00	53.18 1.09 0.00	61.47 1.56 0.00	64.76 1.70 0.00	68.41 2.31 0.00	78.66 3.32 0.00	82.54 4.60 0.00	80.72 4.64 0.00	77.15 4.16 0.00	70.63 3.17 0.00	62.23 2.39 0.00	54.41 1.84 0.00	49.79 1.54 0.00
ETNA____115KV_TB2 80207	47.41 0.84 0.00	44.19 0.82 0.00	39.68 0.51 0.00	35.76 0.35 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.96 0.59 0.00	45.41 0.67 0.00	45.64 0.50 0.00	45.77 0.50 0.00	46.07 0.59 0.00	52.30 0.98 0.00	53.18 1.09 0.00	61.47 1.56 0.00	64.76 1.70 0.00	68.41 2.31 0.00	78.66 3.32 0.00	82.54 4.60 0.00	80.72 4.64 0.00	77.15 4.16 0.00	70.63 3.17 0.00	62.23 2.39 0.00	54.41 1.84 0.00	49.79 1.54 0.00
EUCLID___115KV_TB2 356179	45.92 -0.65 0.00	42.75 -0.61 0.00	38.46 -0.71 0.00	34.73 -0.67 0.00	34.87 -0.68 0.00	37.33 -0.72 0.00	41.61 -0.76 0.00	44.02 -0.72 0.00	44.42 -0.72 0.00	44.64 -0.63 0.00	44.93 -0.55 0.00	50.97 -0.36 0.00	51.77 -0.31 0.00	59.73 -0.18 0.00	62.87 -0.19 0.00	66.36 0.26 0.00	75.95 0.60 0.00	79.24 1.33 0.02	77.22 1.14 0.00	73.79 0.80 0.00	67.66 0.20 0.00	59.72 -0.12 0.00	52.36 -0.21 0.00	48.01 -0.24 0.00
E_CANADA_CAP_HY 24051	48.76 2.19 0.00	45.27 1.91 0.00	40.85 1.68 0.00	36.86 1.45 0.00	37.07 1.53 0.00	39.77 1.71 0.00	44.23 1.86 0.00	46.13 1.39 0.00	45.73 0.59 0.00	45.23 -0.05 0.00	44.86 -0.50 0.11	50.48 -0.61 0.24	51.12 -0.73 0.24	58.85 -0.66 0.41	62.05 -0.44 0.57	65.73 0.33 0.70	77.18 1.88 0.05	81.91 3.97 0.00	81.48 5.40 0.00	78.32 5.33 0.00	71.98 4.52 0.00	63.25 3.41 0.00	55.25 2.68 0.00	50.57 2.32 0.00
E_CANADA_MHWK_HY 24050	47.64 1.07 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.18 0.78 0.00	36.32 0.78 0.00	38.93 0.88 0.00	43.38 1.02 0.00	45.77 1.03 0.00	46.19 1.04 0.00	46.27 0.99 0.00	46.43 0.96 0.00	52.51 1.18 0.00	53.28 1.20 0.00	61.35 1.44 0.00	64.57 1.51 0.00	67.94 1.85 0.00	77.76 2.41 0.00	80.81 2.89 0.02	79.04 2.96 0.00	75.55 2.55 0.00	69.55 2.09 0.00	61.51 1.67 0.00	53.93 1.36 0.00	49.46 1.21 0.00
E_FISHKILL___LBMP 23776	47.69 1.12 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.33 0.92 0.00	36.43 0.89 0.00	39.04 0.99 0.00	43.47 1.10 0.00	45.95 1.21 0.00	46.68 1.53 0.00	47.00 1.72 0.00	47.39 1.68 -0.23	53.14 1.33 -0.48	53.96 1.41 -0.47	62.05 1.32 -0.82	65.52 1.32 -1.14	69.14 1.65 -1.40	78.16 2.71 -0.10	81.60 3.66 0.00	79.27 3.20 0.00	74.96 1.97 0.00	68.00 0.54 0.00	59.84 0.00 0.00	52.83 0.26 0.00	48.54 0.29 0.00
FALCON___SEABRD_CC1 323796	47.03 0.47 0.00	44.14 0.78 0.00	39.87 0.71 0.00	36.04 0.64 0.00	36.18 0.64 0.00	38.78 0.72 0.00	43.34 0.98 0.00	45.28 0.54 0.00	45.46 0.32 0.00	45.46 0.18 0.00	45.88 0.41 0.00	51.59 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.37 -0.73 0.00	73.99 -1.35 0.00	75.06 -2.88 0.00	73.64 -2.44 0.00	72.12 -0.87 0.00	67.46 0.00 0.00	60.50 0.66 0.00	53.15 0.58 0.00	48.83 0.58 0.00
FALCON___SEABRD_CC2 323797	47.03 0.47 0.00	44.14 0.78 0.00	39.87 0.71 0.00	36.04 0.64 0.00	36.18 0.64 0.00	38.78 0.72 0.00	43.34 0.98 0.00	45.28 0.54 0.00	45.46 0.32 0.00	45.46 0.18 0.00	45.88 0.41 0.00	51.59 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.37 -0.73 0.00	73.99 -1.35 0.00	75.06 -2.88 0.00	73.64 -2.44 0.00	72.12 -0.87 0.00	67.46 0.00 0.00	60.50 0.66 0.00	53.15 0.58 0.00	48.83 0.58 0.00

FAR ROCKAWAY___4 23548	48.67 2.10 -0.01	46.40 3.04 -0.01	44.69 2.66 -2.86	37.89 2.48 -0.01	37.96 2.42 -0.01	40.69 2.63 -0.01	45.34 2.97 -0.01	47.02 2.28 0.00	47.58 2.44 0.00	48.08 2.81 0.00	49.01 3.32 -0.22	55.34 3.54 -0.47	56.92 4.37 -0.46	65.39 4.67 -0.80	69.02 4.86 -1.11	72.96 5.49 -1.38	82.54 7.08 -0.11	86.20 8.26 0.00	83.31 7.23 0.00	78.61 5.62 0.00	70.02 2.56 0.00	61.27 1.44 0.00	54.35 1.42 -0.36	50.12 1.06 -0.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.43 1.86 0.00	45.05 1.69 0.00	40.62 1.45 0.00	36.82 1.42 0.00	36.86 1.32 0.00	39.54 1.48 0.00	44.19 1.82 0.00	46.80 2.06 0.00	47.72 2.57 0.00	48.18 2.90 -0.01	48.61 2.91 -0.22	54.21 2.41 -0.47	55.04 2.50 -0.46	63.11 2.40 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.51 4.07 -0.10	83.01 5.07 0.00	80.42 4.34 0.00	75.77 2.77 0.00	68.53 1.08 0.00	60.32 0.48 0.00	53.36 0.79 0.00	49.17 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.82 1.42 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.19 1.82 0.00	46.75 2.01 0.00	47.72 2.57 0.00	48.18 2.90 -0.01	48.61 2.91 -0.22	54.21 2.41 -0.47	55.04 2.50 -0.46	63.11 2.40 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.51 4.07 -0.10	83.01 5.07 0.00	80.42 4.34 0.00	75.77 2.77 0.00	68.53 1.08 0.00	60.32 0.48 0.00	53.36 0.79 0.00	49.17 0.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.38 1.82 0.00	45.01 1.65 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.86 1.32 0.00	39.50 1.45 0.00	44.15 1.78 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.13 2.85 -0.01	48.56 2.86 -0.22	54.16 2.36 -0.47	54.99 2.45 -0.46	63.05 2.34 -0.80	66.50 2.33 -1.11	70.17 2.71 -1.37	79.44 3.99 -0.10	82.93 4.99 0.00	80.34 4.26 0.00	75.69 2.70 0.00	68.40 0.94 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.12 0.87 0.00
FARRAGUT___LBMP 323566	48.38 1.82 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.71 1.97 0.00	47.63 2.48 0.00	48.09 2.81 -0.01	48.52 2.82 -0.22	54.11 2.31 -0.47	54.94 2.40 -0.46	62.99 2.28 -0.80	66.37 2.21 -1.11	70.04 2.58 -1.37	79.29 3.84 -0.10	82.77 4.83 0.00	80.26 4.18 0.00	75.62 2.63 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
FENNER___WINDPWR 24204	47.50 0.93 0.00	44.27 0.91 0.00	39.87 0.71 0.00	35.97 0.56 0.00	36.11 0.57 0.00	38.66 0.61 0.00	43.13 0.76 0.00	45.55 0.81 0.00	45.78 0.63 0.00	45.86 0.59 0.00	46.06 0.59 0.00	52.20 0.87 0.00	53.02 0.94 0.00	61.29 1.38 0.00	64.57 1.51 0.00	68.14 2.05 0.00	78.14 2.79 0.00	81.57 3.66 0.03	79.81 3.73 0.00	76.20 3.21 0.00	70.22 2.77 0.00	61.99 2.15 0.00	54.20 1.63 0.00	49.60 1.35 0.00
FIBERTEK___ENERGY 23856	46.43 -0.14 0.00	43.23 -0.13 0.00	38.89 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.07 -0.30 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.48 0.15 0.00	52.29 0.21 0.00	60.45 0.54 0.00	63.62 0.57 0.00	67.15 1.06 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.82 1.82 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
FITZPATRICK___ 23598	45.17 -1.40 0.00	42.15 -1.21 0.00	37.95 -1.21 0.00	34.27 -1.13 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.25 -1.23 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.65 -1.26 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.70 -1.14 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.82 1.42 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.11 1.74 0.00	46.58 1.83 0.00	47.27 2.12 0.00	47.54 2.26 0.00	47.97 2.32 -0.18	53.91 2.21 -0.38	54.80 2.34 -0.37	63.14 2.58 -0.65	66.66 2.71 -0.90	70.43 3.24 -1.10	79.87 4.45 -0.08	83.55 5.61 0.00	81.25 5.17 0.00	76.71 3.72 0.00	69.61 2.16 0.00	61.21 1.38 0.00	53.94 1.37 0.00	49.50 1.25 0.00
FORT ORANGE___ 23900	46.48 -0.09 0.00	43.15 -0.22 0.00	39.05 -0.12 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.02 -0.04 0.00	42.24 -0.13 0.00	44.56 -0.18 0.00	44.74 -0.41 0.00	44.64 -0.63 0.00	44.54 -0.77 0.16	49.96 -1.03 0.34	50.60 -1.15 0.34	57.89 -1.44 0.58	60.67 -1.57 0.81	63.77 -1.32 1.00	74.30 -0.98 0.07	77.94 0.00 0.00	76.31 0.23 0.00	72.56 -0.44 0.00	66.37 -1.08 0.00	58.46 -1.37 0.00	51.57 -1.00 0.00	47.29 -0.96 0.00
FORT_DRUM_COGEN 23780	49.08 2.51 0.00	45.79 2.43 0.00	41.21 2.04 0.00	37.07 1.66 0.00	37.25 1.71 0.00	39.92 1.86 0.00	44.57 2.20 0.00	46.84 2.10 0.00	46.73 1.58 0.00	46.45 1.18 0.00	46.34 0.86 0.00	52.77 1.44 0.00	53.28 1.20 0.00	61.65 1.74 0.00	64.76 1.70 0.00	68.34 2.25 0.00	78.44 3.09 0.00	81.61 3.90 0.23	80.95 4.87 0.00	78.47 5.47 0.00	72.99 5.53 0.00	64.80 4.97 0.00	56.35 3.78 0.00	51.48 3.23 0.00
FOX_HILLS___ESR 323835	48.57 2.00 0.00	45.40 2.04 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.14 1.60 0.00	39.80 1.75 0.00	44.40 2.03 0.00	46.89 2.15 0.00	47.54 2.39 0.00	48.05 2.76 -0.01	48.47 2.77 -0.22	53.95 2.16 -0.47	54.73 2.19 -0.46	62.57 1.86 -0.79	65.99 1.83 -1.10	69.70 2.25 -1.36	63.63 3.24 14.95	68.02 4.21 14.13	64.96 3.58 14.70	56.07 2.12 19.04	51.30 0.47 16.62	49.88 0.00 9.96	48.75 0.16 3.98	49.50 1.25 0.00
FPL_FAR_ROCK_GT1 24212	49.79 3.21 -0.01	46.45 3.08 -0.01	44.69 2.66 -2.86	37.89 2.48 -0.01	37.97 2.42 -0.01	40.68 2.62 -0.01	45.39 3.01 -0.01	47.65 2.91 0.00	48.54 3.39 0.00	48.72 3.44 0.00	49.01 3.32 -0.22	55.60 3.80 -0.47	56.93 4.38 -0.47	65.46 4.73 -0.81	69.03 4.86 -1.12	72.96 5.48 -1.38	82.69 7.23 -0.11	86.29 8.34 -0.01	83.31 7.23 0.00	78.47 5.48 0.00	70.02 2.56 0.00	61.27 1.43 0.00	54.35 1.42 -0.36	50.17 1.11 -0.81
FPL_FAR_ROCK_GT2 23815	49.79 3.21 -0.01	46.45 3.08 -0.01	44.69 2.66 -2.86	37.89 2.48 -0.01	37.97 2.42 -0.01	40.68 2.62 -0.01	45.39 3.01 -0.01	47.65 2.91 0.00	48.54 3.39 0.00	48.72 3.44 0.00	49.01 3.32 -0.22	55.60 3.80 -0.47	56.93 4.38 -0.47	65.46 4.73 -0.81	69.03 4.86 -1.12	72.96 5.48 -1.38	82.69 7.23 -0.11	86.29 8.34 -0.01	83.31 7.23 0.00	78.47 5.48 0.00	70.02 2.56 0.00	61.27 1.43 0.00	54.35 1.42 -0.36	50.17 1.11 -0.81
FRANKLIN_FALL_HYD 24054	47.78 1.21 0.00	44.58 1.21 0.00	40.30 1.14 0.00	36.36 0.96 0.00	36.54 1.00 0.00	39.12 1.07 0.00	43.77 1.40 0.00	45.99 1.25 0.00	46.09 0.95 0.00	45.95 0.68 0.00	46.07 0.59 0.00	52.10 0.77 0.00	52.71 0.62 0.00	60.51 0.60 0.00	63.56 0.50 0.00	66.03 -0.07 0.00	74.67 -0.68 0.00	75.26 -2.42 0.26	74.18 -1.90 0.00	71.90 -1.09 0.00	68.53 1.08 0.00	61.51 1.68 0.00	54.09 1.52 0.00	49.60 1.35 0.00

FREEPORT_EQUS_GT1 23764	49.27 2.70 0.00	45.97 2.60 -0.01	44.33 2.27 -2.89	37.54 2.12 -0.01	37.57 2.02 -0.01	40.34 2.28 -0.01	45.00 2.63 -0.01	47.20 2.46 0.00	48.04 2.89 0.00	48.17 2.90 0.00	48.33 2.64 -0.22	54.72 2.92 -0.47	56.04 3.49 -0.47	64.44 3.72 -0.81	67.70 3.53 -1.12	71.57 4.10 -1.38	81.03 5.58 -0.11	84.57 6.62 -0.01	81.63 5.55 0.00	76.86 3.87 0.00	68.60 1.15 0.00	60.31 0.48 0.00	52.57 0.58 0.58	47.38 0.43 1.31
FREEPORT___CT2 23818	49.27 2.70 0.00	45.97 2.60 -0.01	44.33 2.27 -2.89	37.54 2.12 -0.01	37.57 2.02 -0.01	40.34 2.28 -0.01	45.00 2.63 -0.01	47.20 2.46 0.00	48.04 2.89 0.00	48.17 2.90 0.00	48.33 2.64 -0.22	54.72 2.92 -0.47	56.04 3.49 -0.47	64.44 3.72 -0.81	67.70 3.53 -1.12	71.57 4.10 -1.38	81.03 5.58 -0.11	84.57 6.62 -0.01	81.63 5.55 0.00	76.86 3.87 0.00	68.60 1.15 0.00	60.31 0.48 0.00	52.57 0.58 0.58	47.38 0.43 1.31
FRESHKLS_33_KV_LOAD 356253	48.52 1.96 0.00	45.53 2.17 0.00	41.09 1.92 0.00	37.18 1.77 0.00	37.21 1.67 0.00	39.92 1.86 0.00	44.49 2.12 0.00	46.93 2.19 0.00	47.49 2.35 0.00	48.05 2.76 -0.01	48.43 2.73 -0.22	53.84 2.05 -0.46	54.67 2.14 -0.45	62.57 1.86 -0.79	65.99 1.83 -1.10	69.70 2.25 -1.36	63.63 3.24 14.95	68.02 4.21 14.13	64.96 3.58 14.70	56.05 2.12 19.05	51.37 0.54 16.62	49.82 -0.06 9.96	48.70 0.11 3.98	49.55 1.30 0.00
FULTON COGEN____ 23766	45.92 -0.65 0.00	42.75 -0.61 0.00	38.46 -0.71 0.00	34.73 -0.67 0.00	34.87 -0.68 0.00	37.33 -0.72 0.00	41.61 -0.76 0.00	44.02 -0.72 0.00	44.38 -0.77 0.00	44.55 -0.72 0.00	44.88 -0.59 0.00	50.87 -0.46 0.00	51.56 -0.52 0.00	59.49 -0.42 0.00	62.68 -0.38 0.00	66.09 0.00 0.00	75.65 0.30 0.00	79.00 1.09 0.03	77.07 0.99 0.00	73.65 0.66 0.00	67.59 0.13 0.00	59.66 -0.18 0.00	52.31 -0.26 0.00	48.01 -0.24 0.00
FULTON___LFGE 323630	49.03 2.47 0.00	45.49 2.12 0.00	41.05 1.88 0.00	37.07 1.66 0.00	37.28 1.74 0.00	39.99 1.94 0.00	44.49 2.12 0.00	46.40 1.66 0.00	45.96 0.81 0.00	45.28 0.00 0.00	44.71 -0.64 0.13	50.18 -0.87 0.27	50.72 -1.10 0.27	58.43 -1.02 0.47	61.66 -0.75 0.64	65.43 0.13 0.79	77.10 1.81 0.06	82.07 4.13 0.00	81.79 5.71 0.00	78.61 5.62 0.00	72.25 4.79 0.00	63.43 3.59 0.00	55.51 2.94 0.00	50.76 2.51 0.00
G.F.CEMENT___DRP 24184	48.24 1.68 0.00	44.71 1.34 0.00	40.46 1.29 0.00	36.61 1.20 0.00	36.78 1.24 0.00	39.42 1.37 0.00	43.77 1.40 0.00	46.17 1.43 0.00	46.41 1.26 0.00	46.14 0.86 0.20	45.50 0.23 0.42	50.91 0.00 0.41	51.67 0.00 0.41	59.26 0.06 0.71	62.51 0.44 0.99	66.07 1.19 1.22	77.75 2.49 0.09	81.92 3.98 0.00	81.02 4.95 0.00	77.30 4.31 0.00	70.69 3.24 0.00	62.11 2.27 0.00	54.41 1.84 0.00	49.75 1.50 0.00
GARDENVILLE___LBMP 24039	46.75 0.19 0.00	44.10 0.74 0.00	38.86 -0.31 0.00	34.80 -0.60 0.00	35.04 -0.50 0.00	37.29 -0.76 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.74 -0.41 0.00	45.64 0.36 0.00	46.70 1.23 0.00	54.25 2.93 0.00	55.78 3.70 0.00	64.11 4.19 0.00	67.22 4.16 0.00	71.64 5.55 0.00	82.43 7.08 0.00	86.52 8.57 0.00	83.84 7.76 0.00	79.49 6.50 0.00	71.91 4.45 0.00	63.31 3.47 0.00	55.30 2.73 0.00	51.19 2.94 0.00
GARDNVLA_35_KV_LD 355827	46.99 0.42 0.00	44.27 0.91 0.00	39.01 -0.16 0.00	34.95 -0.46 0.00	35.15 -0.39 0.00	37.44 -0.61 0.00	42.03 -0.34 0.00	44.52 -0.22 0.00	44.97 -0.18 0.00	45.86 0.59 0.00	46.98 1.50 0.00	54.61 3.29 0.00	56.14 4.06 0.00	64.59 4.67 0.00	67.72 4.67 0.00	72.24 6.15 0.00	83.11 7.76 0.00	87.22 9.28 0.00	84.52 8.44 0.00	80.00 7.01 0.00	72.31 4.86 0.00	63.67 3.83 0.00	55.67 3.10 0.00	51.43 3.18 0.00
GELCKHM___115KV_LOAD 80723	46.10 -0.47 0.00	42.93 -0.43 0.00	38.62 -0.55 0.00	34.84 -0.57 0.00	35.01 -0.53 0.00	37.44 -0.61 0.00	41.78 -0.59 0.00	44.20 -0.54 0.00	44.60 -0.54 0.00	44.78 -0.50 0.00	45.11 -0.36 0.00	51.17 -0.15 0.00	51.93 -0.16 0.00	59.97 0.06 0.00	63.18 0.13 0.00	66.62 0.53 0.00	76.33 0.98 0.00	79.63 1.71 0.02	77.60 1.52 0.00	74.16 1.17 0.00	68.00 0.54 0.00	60.02 0.18 0.00	52.62 0.05 0.00	48.25 0.00 0.00
GENERAL___MILLS 23808	46.89 0.33 0.00	44.19 0.82 0.00	38.93 -0.24 0.00	34.87 -0.53 0.00	35.11 -0.43 0.00	37.37 -0.68 0.00	41.95 -0.42 0.00	44.43 -0.31 0.00	44.88 -0.27 0.00	45.73 0.45 0.00	46.84 1.36 0.00	54.46 3.13 0.00	55.94 3.85 0.00	64.35 4.43 0.00	67.47 4.41 0.00	71.91 5.82 0.00	82.81 7.46 0.00	86.83 8.89 0.00	84.22 8.14 0.00	79.71 6.72 0.00	72.11 4.65 0.00	63.49 3.65 0.00	55.51 2.94 0.00	51.34 3.09 0.00
GE_PLASTICS___DRP 24183	46.06 -0.51 0.00	42.80 -0.56 0.00	38.82 -0.35 0.00	35.19 -0.21 0.00	35.33 -0.21 0.00	37.79 -0.27 0.00	41.95 -0.42 0.00	44.29 -0.45 0.00	44.74 -0.41 0.00	44.78 -0.50 0.00	44.76 -0.59 0.13	50.09 -0.98 0.27	50.83 -0.99 0.26	58.20 -1.26 0.45	61.17 -1.26 0.63	64.19 -1.12 0.77	74.54 -0.75 0.05	77.94 0.00 0.00	76.08 0.00 0.00	72.48 -0.51 0.00	66.31 -1.15 0.00	58.46 -1.38 0.00	51.47 -1.10 0.00	47.28 -0.96 0.00
GILBOA___1 23756	46.94 0.37 0.00	43.67 0.31 0.00	39.76 0.59 0.00	35.97 0.56 0.00	36.11 0.57 0.00	38.66 0.61 0.00	42.75 0.38 0.00	45.14 0.40 0.00	45.69 0.54 0.00	45.82 0.55 0.00	46.01 0.50 -0.04	51.81 0.41 -0.08	52.52 0.37 -0.07	60.34 0.30 -0.13	63.55 0.32 -0.18	66.78 0.47 -0.22	76.19 0.83 -0.02	79.50 1.56 0.00	77.52 1.44 0.00	73.80 0.80 0.00	67.73 0.27 0.00	59.72 -0.12 0.00	52.57 0.00 0.00	48.25 0.00 0.00
GILBOA___2 23757	46.94 0.37 0.00	43.67 0.31 0.00	39.76 0.59 0.00	35.97 0.56 0.00	36.11 0.57 0.00	38.66 0.61 0.00	42.75 0.38 0.00	45.14 0.40 0.00	45.69 0.54 0.00	45.82 0.55 0.00	46.01 0.50 -0.04	51.81 0.41 -0.08	52.52 0.37 -0.07	60.34 0.30 -0.13	63.55 0.32 -0.18	66.78 0.47 -0.22	76.19 0.83 -0.02	79.50 1.56 0.00	77.52 1.44 0.00	73.80 0.80 0.00	67.73 0.27 0.00	59.72 -0.12 0.00	52.57 0.00 0.00	48.25 0.00 0.00
GILBOA___3 23758	46.94 0.37 0.00	43.67 0.31 0.00	39.76 0.59 0.00	35.97 0.56 0.00	36.11 0.57 0.00	38.66 0.61 0.00	42.75 0.38 0.00	45.14 0.40 0.00	45.69 0.54 0.00	45.82 0.55 0.00	46.01 0.50 -0.04	51.81 0.41 -0.08	52.52 0.37 -0.07	60.34 0.30 -0.13	63.55 0.32 -0.18	66.78 0.47 -0.22	76.19 0.83 -0.02	79.50 1.56 0.00	77.52 1.44 0.00	73.80 0.80 0.00	67.73 0.27 0.00	59.72 -0.12 0.00	52.57 0.00 0.00	48.25 0.00 0.00
GILBOA___4 23759	46.94 0.37 0.00	43.67 0.31 0.00	39.76 0.59 0.00	35.97 0.56 0.00	36.11 0.57 0.00	38.66 0.61 0.00	42.75 0.38 0.00	45.14 0.40 0.00	45.69 0.54 0.00	45.82 0.55 0.00	46.01 0.50 -0.04	51.81 0.41 -0.08	52.52 0.37 -0.07	60.34 0.30 -0.13	63.55 0.32 -0.18	66.78 0.47 -0.22	76.19 0.83 -0.02	79.50 1.56 0.00	77.52 1.44 0.00	73.80 0.80 0.00	67.73 0.27 0.00	59.72 -0.12 0.00	52.57 0.00 0.00	48.25 0.00 0.00

GILBOA____ 23599	46.89 0.33 0.00	43.62 0.26 0.00	39.76 0.59 0.00	35.97 0.57 0.00	36.11 0.57 0.00	38.66 0.61 0.00	42.71 0.34 0.00	45.14 0.40 0.00	45.64 0.50 0.00	45.82 0.54 0.00	46.01 0.50 -0.04	51.71 0.31 -0.08	52.52 0.36 -0.07	60.34 0.30 -0.13	63.55 0.32 -0.18	66.77 0.46 -0.22	76.42 1.05 -0.02	79.50 1.56 0.00	77.53 1.45 0.00	73.94 0.95 0.00	67.73 0.27 0.00	59.72 -0.12 0.00	52.57 0.00 0.00	48.25 0.00 0.00
GINNA____ 23603	44.75 -1.82 0.00	41.84 -1.52 0.00	37.41 -1.76 0.00	33.56 -1.84 0.00	33.73 -1.81 0.00	36.00 -2.06 0.00	40.21 -2.16 0.00	42.73 -2.01 0.00	42.94 -2.21 0.00	43.51 -1.77 0.00	44.15 -1.32 0.00	50.30 -1.03 0.00	51.66 -0.42 0.00	59.97 0.06 0.00	63.25 0.19 0.00	67.02 0.92 0.00	77.15 1.81 0.00	80.74 2.80 0.00	78.29 2.21 0.00	73.94 0.95 0.00	68.06 0.61 0.00	59.84 0.00 0.00	52.36 -0.21 0.00	47.91 -0.34 0.00
GLEN PARK____ 23778	49.36 2.79 0.00	46.05 2.69 0.00	41.44 2.27 0.00	37.25 1.84 0.00	37.42 1.88 0.00	40.11 2.05 0.00	44.78 2.41 0.00	47.07 2.33 0.00	46.86 1.72 0.00	46.59 1.31 0.00	46.47 1.00 0.00	52.87 1.54 0.00	53.43 1.35 0.00	61.89 1.97 0.00	65.01 1.96 0.00	68.67 2.58 0.00	78.96 3.62 0.00	82.24 4.52 0.22	81.63 5.55 0.00	79.34 6.35 0.00	73.73 6.27 0.00	65.40 5.57 0.00	56.83 4.26 0.00	51.87 3.62 0.00
GLENDALE_27_KV_LOAD 356172	48.85 2.28 0.00	45.44 2.08 0.00	40.97 1.80 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.53 2.16 0.00	47.16 2.42 0.00	48.04 2.89 0.00	48.50 3.21 -0.01	48.97 3.27 -0.22	54.52 2.72 -0.47	55.25 2.71 -0.46	61.02 2.22 1.11	60.68 2.21 4.58	62.75 2.58 5.92	63.27 3.84 15.92	63.29 4.83 19.49	61.36 4.11 18.83	59.58 2.63 16.04	58.86 0.94 9.54	58.44 0.36 1.76	53.31 0.74 0.00	49.65 1.40 0.00
GLENWOOD_IC_1_G5 23712	48.24 1.68 0.00	45.45 2.08 -0.01	43.36 1.84 -2.35	37.15 1.73 -0.01	37.22 1.67 -0.01	39.92 1.86 -0.01	44.49 2.12 -0.01	46.44 1.70 0.00	47.18 2.03 0.00	47.58 2.31 0.00	48.34 2.64 -0.22	54.36 2.57 -0.47	55.36 2.81 -0.46	63.59 2.65 -0.80	67.07 2.88 -1.11	70.84 2.90 -1.38	80.13 3.37 -0.11	83.63 5.69 0.00	80.95 4.87 0.00	76.28 3.28 0.00	68.53 1.08 0.00	60.14 0.30 0.00	53.00 0.79 0.36	48.12 0.68 0.81
GLENWOOD_IC_2_G1 23688	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.89 1.49 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.66 1.92 0.00	47.58 2.44 0.00	47.85 2.58 0.00	48.25 2.55 -0.23	54.41 2.62 -0.47	55.21 2.65 -0.47	63.36 2.63 -0.81	66.82 2.65 -1.12	70.58 3.11 -1.38	79.90 4.44 -0.11	83.32 5.37 -0.01	80.72 4.64 0.00	76.06 3.07 0.00	68.67 1.22 0.00	60.38 0.54 -0.01	53.25 0.68 0.00	48.97 0.72 0.00
GLENWOOD_IC_3_G1 23689	48.57 2.00 0.00	45.14 1.78 0.00	40.74 1.57 0.00	36.89 1.49 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.66 1.92 0.00	47.58 2.44 0.00	47.85 2.58 0.00	48.25 2.55 -0.23	54.41 2.62 -0.47	55.21 2.65 -0.47	63.36 2.63 -0.81	66.82 2.65 -1.12	70.58 3.11 -1.38	79.90 4.44 -0.11	83.32 5.37 -0.01	80.72 4.64 0.00	76.06 3.07 0.00	68.67 1.22 0.00	60.38 0.54 -0.01	53.25 0.68 0.00	48.97 0.72 0.00
GLENWOOD____4 23550	48.24 1.68 0.00	45.45 2.08 -0.01	43.36 1.84 -2.35	37.15 1.73 -0.01	37.22 1.67 -0.01	39.92 1.86 -0.01	44.49 2.12 -0.01	46.53 1.79 0.00	47.22 2.08 0.00	47.67 2.40 0.00	48.38 2.68 -0.22	54.41 2.62 -0.47	55.46 2.92 -0.46	63.71 3.00 -0.80	67.26 3.09 -1.11	71.04 3.57 -1.38	80.35 4.90 -0.11	83.87 5.92 0.00	81.18 5.10 0.00	76.50 3.50 0.00	68.74 1.28 0.00	60.32 0.48 0.00	53.00 0.79 0.36	48.12 0.68 0.81
GLENWOOD____5 23614	48.24 1.68 0.00	45.45 2.08 -0.01	43.36 1.84 -2.35	37.15 1.73 -0.01	37.22 1.67 -0.01	39.92 1.86 -0.01	44.49 2.12 -0.01	46.53 1.79 0.00	47.22 2.08 0.00	47.67 2.40 0.00	48.38 2.68 -0.22	54.41 2.62 -0.47	55.46 2.92 -0.46	63.71 3.00 -0.80	67.26 3.09 -1.11	71.04 3.57 -1.38	80.35 4.90 -0.11	83.87 5.92 0.00	81.18 5.10 0.00	76.50 3.50 0.00	68.74 1.28 0.00	60.32 0.48 0.00	53.00 0.79 0.36	48.12 0.68 0.81
GLOBAL GREEN_PORT_GT1 23814	51.87 5.31 0.01	48.40 5.03 -0.01	46.61 4.23 -3.21	39.16 3.75 -0.01	39.03 3.49 -0.01	41.83 3.77 -0.01	46.02 3.64 -0.01	47.96 3.22 0.00	49.03 3.88 0.00	49.17 3.89 0.00	49.69 4.00 -0.22	56.72 4.93 -0.47	58.50 5.94 -0.48	67.86 6.41 -1.53	71.00 6.81 -1.13	117.14 7.60 -43.45	124.05 9.95 -38.76	126.65 11.30 -37.41	120.67 10.12 -34.47	80.88 7.89 -0.01	71.64 4.18 0.00	62.76 2.93 0.01	53.42 2.21 1.36	47.29 2.07 3.04
GLOBE____DSASP 323697	45.22 -1.35 0.00	42.80 -0.56 0.00	37.64 -1.53 0.00	33.67 -1.73 0.00	33.91 -1.63 0.00	36.00 -2.05 0.00	40.38 -1.99 0.00	42.82 -1.92 0.00	43.30 -1.85 0.00	44.19 -1.09 0.00	45.25 -0.23 0.00	52.61 1.28 0.00	53.96 1.87 0.00	61.89 1.98 0.00	64.76 1.70 0.00	69.00 2.91 0.00	79.19 3.84 0.00	83.16 5.22 0.00	80.42 4.34 0.00	76.28 3.28 0.00	69.21 1.75 0.00	61.04 1.20 0.00	53.62 1.05 0.00	49.60 1.35 0.00
GOETHSLN____LBMP 323567	48.06 1.49 0.00	44.71 1.34 0.00	40.34 1.18 0.00	36.57 1.17 0.00	36.61 1.07 0.00	39.27 1.22 0.00	43.85 1.48 0.00	46.44 1.70 0.00	47.49 2.35 0.00	47.95 2.67 -0.01	48.33 2.64 -0.22	53.75 1.95 -0.47	54.57 2.03 -0.46	62.51 1.80 -0.80	65.93 1.77 -1.11	69.57 2.11 -1.37	63.70 3.32 14.96	68.01 4.21 14.14	64.95 3.58 14.70	55.99 2.04 19.05	51.23 0.40 16.63	49.75 -0.12 9.97	48.85 0.26 3.99	48.68 0.43 0.00
GOLAH____69_KV_TB 1_2 80279	47.45 0.88 0.00	44.45 1.08 0.00	39.44 0.27 0.00	35.30 -0.11 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.41 0.04 0.00	44.87 0.13 0.00	45.24 0.09 0.00	45.64 0.36 0.00	46.43 0.95 0.00	53.54 2.21 0.00	54.63 2.55 0.00	63.21 3.30 0.00	66.46 3.41 0.00	70.32 4.23 0.00	80.77 5.43 0.00	84.88 6.94 0.00	82.32 6.24 0.00	78.54 5.55 0.00	71.57 4.11 0.00	62.89 3.05 0.00	55.04 2.47 0.00	50.66 2.41 0.00
GOODYEAR_LAKE_HYD 323669	48.01 1.44 0.00	44.62 1.26 0.00	40.34 1.18 0.00	36.40 0.99 0.00	36.57 1.03 0.00	39.20 1.14 0.00	43.64 1.27 0.00	45.99 1.25 0.00	46.32 1.17 0.00	46.41 1.13 0.00	46.52 1.05 0.00	52.71 1.39 0.00	53.44 1.35 0.00	61.65 1.74 0.00	64.95 1.89 0.00	68.54 2.45 0.00	78.89 3.54 0.00	82.54 4.60 0.00	80.80 4.72 0.00	77.15 4.16 0.00	70.56 3.10 0.00	62.11 2.27 0.00	54.30 1.73 0.00	49.79 1.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.89 0.33 0.00	43.75 0.39 0.00	39.29 0.12 0.00	35.41 0.00 0.00	35.61 0.07 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.96 0.22 0.00	45.37 0.23 0.00	45.64 0.36 0.00	46.11 0.64 0.00	52.46 1.13 0.00	53.44 1.35 0.00	61.65 1.74 0.00	64.89 1.83 0.00	68.54 2.45 0.00	78.66 3.32 0.00	82.31 4.36 0.00	80.26 4.18 0.00	76.50 3.50 0.00	69.75 2.29 0.00	61.39 1.56 0.00	53.73 1.16 0.00	49.36 1.11 0.00

GOUDEY___7 23579	46.89 0.33 0.00	43.75 0.39 0.00	39.29 0.12 0.00	35.41 0.00 0.00	35.61 0.07 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.96 0.22 0.00	45.37 0.23 0.00	45.64 0.36 0.00	46.11 0.64 0.00	52.46 1.13 0.00	53.44 1.35 0.00	61.65 1.74 0.00	64.89 1.83 0.00	68.54 2.45 0.00	78.66 3.32 0.00	82.31 4.36 0.00	80.26 4.18 0.00	76.50 3.50 0.00	69.75 2.29 0.00	61.39 1.56 0.00	53.73 1.16 0.00	49.36 1.11 0.00
GOUDEY___8 23580	46.89 0.33 0.00	43.75 0.39 0.00	39.29 0.12 0.00	35.41 0.00 0.00	35.61 0.07 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.96 0.22 0.00	45.37 0.23 0.00	45.64 0.36 0.00	46.11 0.64 0.00	52.46 1.13 0.00	53.44 1.35 0.00	61.65 1.74 0.00	64.89 1.83 0.00	68.54 2.45 0.00	78.66 3.32 0.00	82.31 4.36 0.00	80.26 4.18 0.00	76.50 3.50 0.00	69.75 2.29 0.00	61.39 1.56 0.00	53.73 1.16 0.00	49.36 1.11 0.00
GOWANUS_GT1_1 24077	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_2 24078	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_3 24079	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_4 24080	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_5 24084	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_6 24111	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_7 24112	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT1_8 24113	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GOWANUS_GT2_1 24114	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT2_2 24115	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT2_3 24116	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT2_4 24117	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT2_5 24118	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01

GOWANUS_GT2_6 24119	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT2_7 24120	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT2_8 24121	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.86 2.71 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_1 24122	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_2 24123	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_3 24124	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_4 24125	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_5 24126	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_6 24127	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_7 24128	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT3_8 24129	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
GOWANUS_GT4_1 24130	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GOWANUS_GT4_2 24131	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GOWANUS_GT4_3 24132	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GOWANUS_GT4_4 24133	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00

GOWANUS_GT4_5 24134	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GOWANUS_GT4_6 24135	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GOWANUS_GT4_7 24136	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GOWANUS_GT4_8 24137	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	52.99 0.42 0.00	49.60 1.35 0.00
GREATVR_69_KV_BK1 356245	48.56 2.00 0.01	46.84 3.47 -0.01	45.45 3.09 -3.18	38.25 2.83 -0.01	38.25 2.70 -0.01	41.11 3.04 -0.01	45.68 3.30 -0.01	47.02 2.28 0.00	47.54 2.39 0.00	47.99 2.72 0.00	48.83 3.14 -0.22	55.18 3.39 -0.47	56.98 4.43 -0.47	65.82 4.67 -1.23	69.03 4.86 -1.12	98.21 5.55 -26.56	105.82 7.23 -23.24	108.82 8.50 -22.39	104.01 7.30 -20.63	78.55 5.55 -0.01	69.68 2.23 0.00	61.09 1.26 0.00	52.16 0.89 1.31	45.96 0.63 2.92
GREENBSH_115KV_TB3 55895	46.15 -0.42 0.00	42.84 -0.52 0.00	38.86 -0.31 0.00	35.26 -0.14 0.00	35.40 -0.14 0.00	37.83 -0.23 0.00	42.03 -0.34 0.00	44.38 -0.36 0.00	44.79 -0.36 0.00	44.78 -0.50 0.00	44.66 -0.64 0.17	49.94 -1.03 0.36	50.68 -1.04 0.36	57.97 -1.32 0.62	60.87 -1.32 0.86	63.91 -1.12 1.06	74.59 -0.68 0.08	78.10 0.16 0.00	76.31 0.23 0.00	72.63 -0.36 0.00	66.38 -1.08 0.00	58.46 -1.38 0.00	51.52 -1.05 0.00	47.33 -0.92 0.00
GREENDGE_115KV_TB5 80291	47.31 0.75 0.00	44.19 0.82 0.00	39.44 0.27 0.00	35.44 0.04 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.75 0.38 0.00	45.23 0.49 0.00	45.46 0.32 0.00	45.73 0.45 0.00	46.34 0.86 0.00	52.66 1.33 0.00	53.75 1.67 0.00	62.25 2.34 0.00	65.52 2.46 0.00	69.46 3.37 0.00	79.87 4.52 0.00	84.10 6.16 0.00	82.09 6.01 0.00	78.32 5.33 0.00	71.37 3.91 0.00	62.71 2.87 0.00	54.78 2.21 0.00	50.18 1.93 0.00
GREENIDGE___3 23582	47.31 0.75 0.00	44.19 0.82 0.00	39.44 0.27 0.00	35.44 0.04 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.75 0.38 0.00	45.23 0.49 0.00	45.46 0.32 0.00	45.73 0.45 0.00	46.34 0.86 0.00	52.66 1.33 0.00	53.75 1.67 0.00	62.25 2.34 0.00	65.52 2.46 0.00	69.46 3.37 0.00	79.87 4.52 0.00	84.10 6.16 0.00	82.09 6.01 0.00	78.32 5.33 0.00	71.37 3.91 0.00	62.71 2.87 0.00	54.78 2.21 0.00	50.18 1.93 0.00
GREENIDGE___4 23583	46.80 0.23 0.00	44.10 0.74 0.00	39.41 0.24 0.00	35.44 0.04 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.67 0.30 0.00	45.14 0.40 0.00	45.19 0.05 0.00	45.64 0.36 0.00	46.34 0.86 0.00	52.25 0.92 0.00	53.59 1.51 0.00	62.13 2.22 0.00	65.51 2.46 0.00	69.46 3.37 0.00	80.10 4.75 0.00	84.10 6.16 0.00	82.09 6.01 0.00	77.67 4.68 0.00	71.37 3.91 0.00	62.71 2.87 0.00	54.78 2.21 0.00	50.08 1.83 0.00
GREENLWN_69_KV_BK 3 55738	46.79 0.23 0.01	45.32 1.95 -0.01	44.16 1.80 -3.19	37.11 1.70 -0.01	37.18 1.63 -0.01	39.89 1.83 -0.01	44.45 2.08 -0.01	45.59 0.85 0.00	45.96 0.81 0.00	46.41 1.13 0.00	47.19 1.50 -0.22	53.18 1.39 -0.47	54.83 2.29 -0.46	62.77 2.22 -0.64	66.43 2.27 -1.10	60.86 2.78 8.01	70.83 3.99 8.51	74.59 4.99 8.34	72.35 3.96 7.69	75.32 2.34 0.00	67.05 -0.40 0.00	58.70 -1.14 0.00	50.36 -0.89 1.32	44.23 -1.06 2.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00
GRISSOM___SOLAR 323813	48.90 2.33 0.00	45.36 2.00 0.00	40.97 1.80 0.00	37.00 1.59 0.00	37.18 1.64 0.00	39.88 1.83 0.00	44.40 2.03 0.00	46.31 1.57 0.00	45.91 0.77 0.00	45.19 -0.09 0.00	44.57 -0.77 0.13	49.92 -1.13 0.28	50.45 -1.35 0.27	58.06 -1.38 0.48	61.33 -1.07 0.66	65.02 -0.26 0.81	76.72 1.43 0.06	81.68 3.74 0.00	81.40 5.32 0.00	78.18 5.18 0.00	71.84 4.38 0.00	63.13 3.29 0.00	55.25 2.68 0.00	50.57 2.32 0.00
GROVEVILLE___HYD 323602	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.82 1.42 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.11 1.74 0.00	46.58 1.83 0.00	47.27 2.12 0.00	47.54 2.26 0.00	47.97 2.32 -0.18	53.91 2.21 -0.38	54.80 2.34 -0.37	63.14 2.58 -0.65	66.66 2.71 -0.90	70.43 3.24 -1.10	79.87 4.45 -0.08	83.55 5.61 0.00	81.25 5.17 0.00	76.71 3.72 0.00	69.61 2.16 0.00	61.21 1.38 0.00	53.94 1.37 0.00	49.50 1.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.43 -0.14 0.00	43.23 -0.13 0.00	38.89 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.07 -0.30 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.48 0.15 0.00	52.29 0.21 0.00	60.45 0.54 0.00	63.62 0.57 0.00	67.15 1.06 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.82 1.82 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
HAMLTNNY_34_KV_TB 80303	46.66 0.09 0.00	43.49 0.13 0.00	39.05 -0.12 0.00	35.19 -0.21 0.00	35.36 -0.18 0.00	37.83 -0.23 0.00	42.24 -0.13 0.00	44.70 -0.04 0.00	45.06 -0.09 0.00	45.28 0.00 0.00	45.66 0.18 0.00	51.94 0.62 0.00	52.81 0.73 0.00	61.05 1.14 0.00	64.32 1.26 0.00	67.88 1.78 0.00	77.83 2.49 0.00	81.43 3.51 0.02	79.27 3.20 0.00	75.69 2.70 0.00	69.34 1.89 0.00	61.15 1.32 0.00	53.52 0.95 0.00	49.07 0.82 0.00

HAMPSHIRE___PAPER_HYD 323593	47.87 1.30 0.00	44.88 1.52 0.00	40.46 1.29 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.81 1.44 0.00	46.04 1.30 0.00	45.91 0.77 0.00	45.59 0.32 0.00	45.52 0.05 0.00	51.59 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	63.06 0.00 0.00	65.83 -0.26 0.00	75.05 -0.30 0.00	76.11 -1.25 0.58	75.70 -0.38 0.00	74.31 1.32 0.00	69.48 2.02 0.00	62.23 2.40 0.00	54.57 2.00 0.00	50.04 1.79 0.00
HARDSCRABBLE_WT_PWR 323673	47.45 0.88 0.00	44.18 0.82 0.00	39.91 0.74 0.00	36.04 0.64 0.00	36.18 0.64 0.00	38.78 0.72 0.00	43.22 0.85 0.00	45.64 0.89 0.00	46.05 0.90 0.00	46.13 0.86 0.00	46.29 0.82 0.00	52.35 1.03 0.00	53.07 0.99 0.00	61.17 1.26 0.00	64.38 1.33 0.00	67.68 1.58 0.00	77.45 2.11 0.00	80.49 2.57 0.02	78.74 2.66 0.00	75.18 2.19 0.00	69.28 1.82 0.00	61.27 1.43 0.00	53.72 1.16 0.00	49.26 1.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.15 1.58 0.00	44.75 1.39 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.71 1.17 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.35 1.61 0.00	47.09 1.94 0.00	47.40 2.13 0.00	47.90 2.23 -0.19	53.84 2.10 -0.41	54.72 2.24 -0.40	63.01 2.40 -0.70	66.61 2.59 -0.97	70.33 3.04 -1.19	79.65 4.22 -0.08	83.24 5.30 0.00	80.87 4.79 0.00	76.42 3.43 0.00	69.21 1.75 0.00	60.86 1.02 0.00	53.57 1.00 0.00	49.21 0.96 0.00
HARSNRAD_115KV_TB1 81005	46.24 -0.33 0.00	43.71 0.35 0.00	38.46 -0.71 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.84 -1.22 0.00	41.27 -1.10 0.00	43.53 -1.21 0.00	43.97 -1.17 0.00	44.82 -0.45 0.00	45.88 0.41 0.00	53.38 2.05 0.00	54.63 2.55 0.00	62.73 2.82 0.00	65.71 2.65 0.00	69.99 3.90 0.00	80.40 5.05 0.00	84.49 6.55 0.00	81.79 5.71 0.00	77.59 4.60 0.00	70.36 2.90 0.00	62.05 2.21 0.00	54.41 1.84 0.00	50.52 2.27 0.00
HARZA MOOSE___RIVER 24016	48.06 1.49 0.00	44.92 1.56 0.00	40.50 1.33 0.00	36.50 1.10 0.00	36.64 1.10 0.00	39.27 1.22 0.00	43.81 1.44 0.00	46.17 1.43 0.00	46.28 1.13 0.00	46.14 0.86 0.00	46.16 0.68 0.00	52.41 1.08 0.00	53.02 0.94 0.00	61.29 1.38 0.00	64.51 1.45 0.00	67.88 1.78 0.00	77.83 2.49 0.00	80.82 3.04 0.16	79.66 3.58 0.00	76.57 3.58 0.00	70.96 3.51 0.00	62.89 3.05 0.00	54.94 2.37 0.00	50.23 1.98 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.10 -0.47 0.00	42.97 -0.39 0.00	38.62 -0.55 0.00	34.84 -0.57 0.00	35.01 -0.53 0.00	37.44 -0.61 0.00	41.78 -0.59 0.00	44.20 -0.54 0.00	44.60 -0.54 0.00	44.82 -0.45 0.00	45.16 -0.32 0.00	51.23 -0.10 0.00	51.98 -0.10 0.00	60.03 0.12 0.00	63.25 0.19 0.00	66.69 0.59 0.00	76.40 1.05 0.00	79.79 1.87 0.02	77.75 1.67 0.00	74.23 1.24 0.00	68.00 0.54 0.00	60.02 0.18 0.00	52.62 0.05 0.00	48.25 0.00 0.00
HELLGATE_13_KV_LD 55870	48.90 2.33 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.14 1.73 0.00	37.18 1.63 0.00	39.88 1.83 0.00	44.53 2.16 0.00	47.16 2.42 0.00	48.04 2.89 0.00	48.50 3.21 -0.01	48.97 3.27 -0.22	54.47 2.67 -0.47	55.20 2.66 -0.46	61.67 2.16 0.40	62.75 2.14 2.46	65.41 2.51 3.19	69.18 3.77 9.93	70.50 4.75 12.20	68.33 4.03 11.79	65.51 2.55 10.04	62.36 0.88 5.97	59.03 0.30 1.10	53.26 0.68 0.00	49.65 1.40 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.90 2.33 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.14 1.73 0.00	37.18 1.63 0.00	39.88 1.83 0.00	44.53 2.16 0.00	47.16 2.42 0.00	48.04 2.89 0.00	48.50 3.21 -0.01	48.97 3.27 -0.22	54.47 2.67 -0.47	55.20 2.66 -0.46	61.67 2.16 0.40	62.75 2.14 2.46	65.41 2.51 3.19	69.18 3.77 9.93	70.50 4.75 12.20	68.33 4.03 11.79	65.51 2.55 10.04	62.36 0.88 5.97	59.03 0.30 1.10	53.26 0.68 0.00	49.65 1.40 0.00
HEMPSTEAD____ 23647	48.76 2.19 0.00	45.49 2.12 -0.01	43.75 1.88 -2.70	37.18 1.77 -0.01	37.25 1.71 -0.01	39.92 1.86 -0.01	44.58 2.20 -0.01	46.80 2.06 0.00	47.63 2.48 0.00	47.81 2.53 0.00	48.01 2.32 -0.22	54.31 2.51 -0.47	55.47 2.91 -0.47	63.72 2.99 -0.81	67.14 2.96 -1.12	70.90 3.43 -1.38	80.28 4.83 -0.11	83.80 5.85 -0.01	80.95 4.87 0.00	76.20 3.21 0.00	68.20 0.74 0.00	59.84 0.00 0.00	52.27 0.26 0.56	47.18 0.19 1.26
HICKLING___1 23621	47.17 0.61 0.00	44.10 0.74 0.00	39.33 0.16 0.00	35.37 -0.04 0.00	35.61 0.07 0.00	38.05 0.00 0.00	42.62 0.25 0.00	45.10 0.36 0.00	45.33 0.18 0.00	45.77 0.50 0.00	46.47 1.00 0.00	53.28 1.95 0.00	54.48 2.40 0.00	63.03 3.12 0.00	66.34 3.28 0.00	70.39 4.30 0.00	80.85 5.50 0.00	85.03 7.09 0.00	82.85 6.77 0.00	78.90 5.91 0.00	71.64 4.18 0.00	62.83 2.99 0.00	54.94 2.37 0.00	50.47 2.22 0.00
HICKLING___2 23622	47.17 0.61 0.00	44.10 0.74 0.00	39.33 0.16 0.00	35.37 -0.04 0.00	35.61 0.07 0.00	38.05 0.00 0.00	42.62 0.25 0.00	45.10 0.36 0.00	45.33 0.18 0.00	45.77 0.50 0.00	46.47 1.00 0.00	53.28 1.95 0.00	54.48 2.40 0.00	63.03 3.12 0.00	66.34 3.28 0.00	70.39 4.30 0.00	80.85 5.50 0.00	85.03 7.09 0.00	82.85 6.77 0.00	78.90 5.91 0.00	71.64 4.18 0.00	62.83 2.99 0.00	54.94 2.37 0.00	50.47 2.22 0.00
HIGH FALLS___HY 23754	48.76 2.19 0.00	45.31 1.95 0.00	40.85 1.68 0.00	36.96 1.56 0.00	37.03 1.49 0.00	39.69 1.64 0.00	44.28 1.91 0.00	46.80 2.06 0.00	47.54 2.39 0.00	47.86 2.58 0.00	48.19 2.59 -0.12	54.15 2.57 -0.25	55.04 2.71 -0.25	63.34 3.00 -0.43	66.87 3.22 -0.60	70.60 3.77 -0.74	80.67 5.27 -0.05	84.41 6.47 0.00	82.24 6.16 0.00	77.66 4.67 0.00	70.36 2.90 0.00	61.87 2.03 0.00	54.46 1.89 0.00	49.89 1.64 0.00
HIGH_RIVER___SOLAR 323847	47.96 1.40 0.00	44.53 1.17 0.00	40.26 1.10 0.00	36.40 0.99 0.00	36.57 1.03 0.00	39.19 1.14 0.00	43.55 1.18 0.00	45.68 0.94 0.00	45.64 0.50 0.00	45.23 -0.05 0.14	44.79 -0.54 0.30	50.26 -0.77 0.30	50.95 -0.84 0.30	58.44 -0.96 0.51	61.47 -0.88 0.71	64.89 -0.33 0.87	76.12 0.83 0.06	80.67 2.73 0.00	79.58 3.50 0.00	76.13 3.14 0.00	69.88 2.42 0.00	61.57 1.74 0.00	53.99 1.42 0.00	49.50 1.25 0.00
HILLBURN___GT 23639	48.01 1.45 0.00	44.57 1.21 0.00	40.23 1.06 0.00	36.47 1.06 0.00	36.57 1.03 0.00	39.19 1.14 0.00	43.77 1.40 0.00	46.26 1.52 0.00	47.13 1.98 0.00	47.40 2.13 0.00	47.81 2.14 -0.20	53.91 2.16 -0.42	54.58 2.09 -0.42	62.73 2.10 -0.72	66.20 2.15 -1.00	69.90 2.58 -1.23	79.20 3.77 -0.09	82.70 4.76 0.00	80.26 4.18 0.00	75.62 2.62 0.00	68.60 1.15 0.00	60.26 0.42 0.00	53.15 0.58 0.00	48.88 0.63 0.00
HILLSIDE_115KV_TB1 80332	46.43 -0.14 0.00	43.40 0.04 0.00	38.78 -0.39 0.00	34.91 -0.50 0.00	35.15 -0.39 0.00	37.56 -0.49 0.00	42.03 -0.34 0.00	44.47 -0.27 0.00	44.79 -0.36 0.00	45.23 -0.05 0.00	45.93 0.45 0.00	52.56 1.23 0.00	53.70 1.61 0.00	62.01 2.10 0.00	65.26 2.21 0.00	69.20 3.11 0.00	79.49 4.14 0.00	83.32 5.38 0.00	81.18 5.10 0.00	77.37 4.38 0.00	70.15 2.70 0.00	61.57 1.74 0.00	53.83 1.26 0.00	49.50 1.25 0.00

HISHELDN_WT_PWR 323625	46.38 -0.19 0.00	43.79 0.43 0.00	38.78 -0.39 0.00	34.80 -0.60 0.00	35.04 -0.50 0.00	37.33 -0.72 0.00	41.69 -0.68 0.00	44.11 -0.63 0.00	44.02 -1.13 0.00	45.10 -0.18 0.00	46.25 0.77 0.00	52.71 1.39 0.00	54.79 2.71 0.00	63.15 3.23 0.00	66.46 3.40 0.00	70.78 4.69 0.00	81.75 6.40 0.00	85.50 7.56 0.00	83.00 6.92 0.00	77.88 4.89 0.00	71.50 4.05 0.00	62.95 3.11 0.00	55.04 2.47 0.00	50.71 2.46 0.00
HOLTSVILLE_IC_1 23690	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.13 2.75 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.26 2.46 -0.47	55.69 3.12 -0.48	64.60 3.17 -1.52	67.46 3.28 -1.13	112.51 3.83 -42.59	118.58 5.27 -37.96	120.90 6.31 -36.64	115.17 5.32 -33.76	76.57 3.58 -0.01	68.06 0.61 0.00	59.71 -0.12 0.01	51.00 -0.21 1.36	45.06 -0.14 3.04
HOLTSVILLE_IC_10 23699	49.68 3.12 0.01	46.49 3.12 -0.01	45.07 2.70 -3.21	37.89 2.48 -0.01	37.89 2.35 -0.01	40.72 2.66 -0.01	45.34 2.96 -0.01	47.38 2.64 0.00	48.22 3.07 0.00	48.26 2.99 0.00	48.24 2.55 -0.22	54.67 2.87 -0.47	56.21 3.64 -0.48	65.26 3.78 -1.57	68.10 3.91 -1.13	116.42 4.50 -45.83	122.31 6.03 -40.94	124.63 7.17 -39.52	118.58 6.09 -36.42	77.23 4.23 -0.01	68.67 1.22 0.00	60.25 0.42 0.01	51.38 0.16 1.35	45.38 0.15 3.01
HOLTSVILLE_IC_2 23691	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.13 2.75 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.26 2.46 -0.47	55.69 3.12 -0.48	64.60 3.17 -1.52	67.46 3.28 -1.13	112.51 3.83 -42.59	118.58 5.27 -37.96	120.90 6.31 -36.64	115.17 5.32 -33.76	76.57 3.58 -0.01	68.06 0.61 0.00	59.71 -0.12 0.01	51.00 -0.21 1.36	45.06 -0.14 3.04
HOLTSVILLE_IC_3 23692	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.13 2.75 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.26 2.46 -0.47	55.69 3.12 -0.48	64.60 3.17 -1.52	67.46 3.28 -1.13	112.51 3.83 -42.59	118.58 5.27 -37.96	120.90 6.31 -36.64	115.17 5.32 -33.76	76.57 3.58 -0.01	68.06 0.61 0.00	59.71 -0.12 0.01	51.00 -0.21 1.36	45.06 -0.14 3.04
HOLTSVILLE_IC_4 23693	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.13 2.75 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.26 2.46 -0.47	55.69 3.12 -0.48	64.60 3.17 -1.52	67.46 3.28 -1.13	112.51 3.83 -42.59	118.58 5.27 -37.96	120.90 6.31 -36.64	115.17 5.32 -33.76	76.57 3.58 -0.01	68.06 0.61 0.00	59.71 -0.12 0.01	51.00 -0.21 1.36	45.06 -0.14 3.04
HOLTSVILLE_IC_5 23694	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.13 2.75 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.26 2.46 -0.47	55.69 3.12 -0.48	64.60 3.17 -1.52	67.46 3.28 -1.13	112.51 3.83 -42.59	118.58 5.27 -37.96	120.90 6.31 -36.64	115.17 5.32 -33.76	76.57 3.58 -0.01	68.06 0.61 0.00	59.71 -0.12 0.01	51.00 -0.21 1.36	45.06 -0.14 3.04
HOLTSVILLE_IC_6 23695	49.68 3.12 0.01	46.49 3.12 -0.01	45.07 2.70 -3.21	37.89 2.48 -0.01	37.89 2.35 -0.01	40.72 2.66 -0.01	45.34 2.96 -0.01	47.38 2.64 0.00	48.22 3.07 0.00	48.26 2.99 0.00	48.24 2.55 -0.22	54.67 2.87 -0.47	56.21 3.64 -0.48	65.26 3.78 -1.57	68.10 3.91 -1.13	116.42 4.50 -45.83	122.31 6.03 -40.94	124.63 7.17 -39.52	118.58 6.09 -36.42	77.23 4.23 -0.01	68.67 1.22 0.00	60.25 0.42 0.01	51.38 0.16 1.35	45.38 0.15 3.01
HOLTSVILLE_IC_7 23696	49.68 3.12 0.01	46.49 3.12 -0.01	45.07 2.70 -3.21	37.89 2.48 -0.01	37.89 2.35 -0.01	40.72 2.66 -0.01	45.34 2.96 -0.01	47.38 2.64 0.00	48.22 3.07 0.00	48.26 2.99 0.00	48.24 2.55 -0.22	54.67 2.87 -0.47	56.21 3.64 -0.48	65.26 3.78 -1.57	68.10 3.91 -1.13	116.42 4.50 -45.83	122.31 6.03 -40.94	124.63 7.17 -39.52	118.58 6.09 -36.42	77.23 4.23 -0.01	68.67 1.22 0.00	60.25 0.42 0.01	51.38 0.16 1.35	45.38 0.15 3.01
HOLTSVILLE_IC_8 23697	49.68 3.12 0.01	46.49 3.12 -0.01	45.07 2.70 -3.21	37.89 2.48 -0.01	37.89 2.35 -0.01	40.72 2.66 -0.01	45.34 2.96 -0.01	47.38 2.64 0.00	48.22 3.07 0.00	48.26 2.99 0.00	48.24 2.55 -0.22	54.67 2.87 -0.47	56.21 3.64 -0.48	65.26 3.78 -1.57	68.10 3.91 -1.13	116.42 4.50 -45.83	122.31 6.03 -40.94	124.63 7.17 -39.52	118.58 6.09 -36.42	77.23 4.23 -0.01	68.67 1.22 0.00	60.25 0.42 0.01	51.38 0.16 1.35	45.38 0.15 3.01
HOLTSVILLE_IC_9 23698	49.68 3.12 0.01	46.49 3.12 -0.01	45.07 2.70 -3.21	37.89 2.48 -0.01	37.89 2.35 -0.01	40.72 2.66 -0.01	45.34 2.96 -0.01	47.38 2.64 0.00	48.22 3.07 0.00	48.26 2.99 0.00	48.24 2.55 -0.22	54.67 2.87 -0.47	56.21 3.64 -0.48	65.26 3.78 -1.57	68.10 3.91 -1.13	116.42 4.50 -45.83	122.31 6.03 -40.94	124.63 7.17 -39.52	118.58 6.09 -36.42	77.23 4.23 -0.01	68.67 1.22 0.00	60.25 0.42 0.01	51.38 0.16 1.35	45.38 0.15 3.01
HOMER_HL_115KV_TB2 355744	46.01 -0.56 0.00	43.14 -0.22 0.00	38.15 -1.02 0.00	34.27 -1.13 0.00	34.55 -1.00 0.00	36.91 -1.14 0.00	41.48 -0.89 0.00	43.94 -0.81 0.00	44.33 -0.81 0.00	45.09 -0.18 0.00	46.16 0.68 0.00	53.54 2.21 0.00	54.95 2.86 0.00	63.33 3.42 0.00	66.59 3.53 0.00	70.92 4.82 0.00	81.75 6.40 0.00	85.74 7.79 0.00	83.38 7.30 0.00	78.98 5.99 0.00	71.03 3.58 0.00	62.17 2.33 0.00	54.20 1.63 0.00	50.57 2.32 0.00
HOWARD_WT_PWR 323690	47.22 0.65 0.00	44.40 1.04 0.00	39.48 0.31 0.00	35.48 0.07 0.00	35.72 0.18 0.00	38.21 0.15 0.00	42.75 0.38 0.00	45.14 0.40 0.00	44.88 -0.27 0.00	45.59 0.32 0.00	46.56 1.09 0.00	52.92 1.59 0.00	54.69 2.60 0.00	63.33 3.41 0.00	66.78 3.72 0.00	71.05 4.96 0.00	82.05 6.70 0.00	86.20 8.26 0.00	84.22 8.14 0.00	79.34 6.35 0.00	72.92 5.46 0.00	64.03 4.19 0.00	55.88 3.31 0.00	51.34 3.09 0.00
HQ_GEN_CEDARS 23644	47.55 0.98 0.00	44.36 1.00 0.00	40.11 0.94 0.00	36.18 0.78 0.00	36.32 0.78 0.00	38.89 0.84 0.00	43.39 1.02 0.00	45.64 0.89 0.00	45.69 0.54 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.64 0.31 0.00	52.29 0.21 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.23 -0.86 0.00	73.69 -1.66 0.00	71.97 -4.75 1.21	71.97 -4.11 0.00	69.63 -3.36 0.00	67.52 0.07 0.00	60.86 1.02 0.00	53.57 1.00 0.00	49.21 0.96 0.00
HQ_GEN_CEDARS_PROXY 323590	47.55 0.98 0.00	44.40 1.04 0.00	40.11 0.94 0.00	36.18 0.78 0.00	36.32 0.78 0.00	38.89 0.84 0.00	43.12 1.06 0.31	45.94 0.89 -0.31	45.73 0.59 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.69 0.36 0.00	52.29 0.21 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	68.24 -0.93 -3.08	70.61 -1.66 3.08	71.97 -4.76 1.21	71.97 -4.11 0.00	71.97 -1.02 0.00	67.52 0.07 0.00	60.85 1.02 0.00	54.67 1.00 -1.10	48.16 1.01 1.10

HQ_GEN_IMPORT 323601	46.85 0.28 0.00	43.67 0.31 0.00	39.44 0.28 0.00	35.66 0.25 0.00	35.79 0.25 0.00	38.32 0.27 0.00	42.40 0.34 0.31	45.32 0.27 -0.31	45.33 0.18 0.00	45.41 0.14 0.00	45.61 0.14 0.00	51.53 0.21 0.00	52.24 0.16 0.00	60.03 0.12 0.00	63.12 0.06 0.00	69.98 -0.39 -4.28	70.01 -1.05 4.28	75.80 -2.18 -0.04	73.42 -1.98 0.69	70.00 -0.95 2.04	69.98 -0.20 -2.73	60.14 0.30 0.00	53.99 0.32 -1.10	47.44 0.29 1.10
HQ_GEN_WHEEL 23651	46.85 0.28 0.00	43.67 0.31 0.00	39.44 0.28 0.00	35.66 0.25 0.00	35.79 0.25 0.00	38.32 0.27 0.00	42.40 0.34 0.31	45.32 0.27 -0.31	45.33 0.18 0.00	45.41 0.14 0.00	45.61 0.14 0.00	51.53 0.21 0.00	52.24 0.16 0.00	60.03 0.12 0.00	63.12 0.06 0.00	69.98 -0.39 -4.28	70.01 -1.05 4.28	75.80 -2.18 -0.04	73.42 -1.98 0.69	70.00 -0.95 2.04	69.98 -0.20 -2.73	60.14 0.30 0.00	53.99 0.32 -1.10	47.44 0.29 1.10
HUDSON AVE_GT_3 23810	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.82 1.42 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.19 1.82 0.00	46.80 2.06 0.00	47.76 2.62 0.00	48.23 2.94 -0.01	48.61 2.91 -0.22	54.26 2.46 -0.47	55.10 2.55 -0.46	63.17 2.46 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.59 4.14 -0.10	83.09 5.14 0.00	80.49 4.41 0.00	75.84 2.85 0.00	68.53 1.08 0.00	60.32 0.48 0.00	53.36 0.79 0.00	49.17 0.92 0.00
HUDSON AVE_GT_4 23540	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.82 1.42 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.19 1.82 0.00	46.80 2.06 0.00	47.76 2.62 0.00	48.23 2.94 -0.01	48.61 2.91 -0.22	54.26 2.46 -0.47	55.10 2.55 -0.46	63.17 2.46 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.59 4.14 -0.10	83.09 5.14 0.00	80.49 4.41 0.00	75.84 2.85 0.00	68.53 1.08 0.00	60.32 0.48 0.00	53.36 0.79 0.00	49.17 0.92 0.00
HUDSON AVE_GT_5 23657	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.82 1.42 0.00	36.89 1.35 0.00	39.54 1.48 0.00	44.19 1.82 0.00	46.80 2.06 0.00	47.76 2.62 0.00	48.23 2.94 -0.01	48.61 2.91 -0.22	54.26 2.46 -0.47	55.10 2.55 -0.46	63.17 2.46 -0.80	66.56 2.40 -1.11	70.23 2.78 -1.37	79.59 4.14 -0.10	83.09 5.14 0.00	80.49 4.41 0.00	75.84 2.85 0.00	68.53 1.08 0.00	60.32 0.48 0.00	53.36 0.79 0.00	49.17 0.92 0.00
HUDSON_AVE_10 24168	48.34 1.77 0.00	44.97 1.60 0.00	40.54 1.37 0.00	36.75 1.35 0.00	36.78 1.24 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.13 2.85 -0.01	48.47 2.77 -0.22	54.11 2.31 -0.47	54.94 2.40 -0.46	62.93 2.22 -0.80	66.37 2.21 -1.11	70.04 2.58 -1.37	79.36 3.92 -0.10	82.85 4.91 0.00	80.26 4.18 0.00	75.62 2.63 0.00	68.40 0.94 0.00	60.14 0.30 0.00	53.25 0.68 0.00	49.07 0.82 0.00
HUDSON___115KV_TB 4 355613	47.13 0.56 0.00	43.75 0.39 0.00	39.56 0.39 0.00	35.83 0.42 0.00	36.00 0.46 0.00	38.47 0.42 0.00	42.75 0.38 0.00	45.01 0.27 0.00	45.10 -0.05 0.00	44.91 -0.36 0.00	45.08 -0.27 0.12	50.47 -0.62 0.25	51.27 -0.57 0.24	58.83 -0.66 0.42	61.91 -0.57 0.58	65.24 -0.13 0.72	75.45 0.15 0.05	79.34 1.40 0.00	77.98 1.90 0.00	74.38 1.39 0.00	67.93 0.47 0.00	59.84 0.00 0.00	52.67 0.11 0.00	48.30 0.05 0.00
HUNTER MOUNT___DRP 323613	47.22 0.65 0.00	43.80 0.43 0.00	39.60 0.43 0.00	35.87 0.46 0.00	36.00 0.46 0.00	38.47 0.42 0.00	42.75 0.38 0.00	44.96 0.22 0.00	45.01 -0.14 0.00	44.82 -0.45 0.00	45.22 -0.18 0.07	50.71 -0.46 0.15	51.57 -0.36 0.15	59.29 -0.36 0.26	62.50 -0.19 0.37	65.91 0.26 0.45	75.47 0.15 0.03	79.50 1.56 0.00	78.29 2.21 0.00	74.67 1.68 0.00	68.33 0.88 0.00	60.20 0.36 0.00	52.94 0.37 0.00	48.49 0.24 0.00
HUNTINGTON_RES_REC 323705	48.80 2.24 0.01	45.88 2.51 -0.01	44.56 2.19 -3.20	37.47 2.05 -0.01	37.47 1.92 -0.01	40.27 2.21 -0.01	44.88 2.50 -0.01	46.89 2.15 0.00	47.63 2.48 0.00	47.67 2.40 0.00	47.64 1.95 -0.22	54.05 2.26 -0.47	55.56 2.97 -0.51	65.52 2.99 -2.61	67.30 3.09 -1.15	175.62 3.63 -105.90	176.51 5.05 -96.12	176.95 6.08 -92.92	166.65 4.94 -85.63	76.16 3.14 -0.04	67.72 0.27 0.00	59.42 -0.42 0.01	50.75 -0.47 1.34	44.72 -0.53 3.00
HUNTLEY___63 23557	46.66 0.09 0.00	44.06 0.69 0.00	38.74 -0.43 0.00	34.66 -0.74 0.00	34.90 -0.64 0.00	37.14 -0.91 0.00	41.65 -0.72 0.00	44.07 -0.67 0.00	44.51 -0.63 0.00	45.46 0.18 0.00	46.57 1.09 0.00	54.15 2.82 0.00	55.62 3.54 0.00	63.69 3.77 0.00	66.71 3.66 0.00	71.11 5.02 0.00	81.83 6.48 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.30 3.84 0.00	62.89 3.05 0.00	55.20 2.63 0.00	51.10 2.85 0.00
HUNTLEY___64 23558	46.66 0.09 0.00	44.06 0.69 0.00	38.74 -0.43 0.00	34.66 -0.74 0.00	34.90 -0.64 0.00	37.14 -0.91 0.00	41.65 -0.72 0.00	44.07 -0.67 0.00	44.51 -0.63 0.00	45.46 0.18 0.00	46.57 1.09 0.00	54.15 2.82 0.00	55.62 3.54 0.00	63.69 3.77 0.00	66.71 3.66 0.00	71.11 5.02 0.00	81.83 6.48 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.30 3.84 0.00	62.89 3.05 0.00	55.20 2.63 0.00	51.10 2.85 0.00
HUNTLEY___65 23559	46.66 0.09 0.00	44.06 0.69 0.00	38.74 -0.43 0.00	34.66 -0.74 0.00	34.90 -0.64 0.00	37.14 -0.91 0.00	41.65 -0.72 0.00	44.07 -0.67 0.00	44.51 -0.63 0.00	45.46 0.18 0.00	46.57 1.09 0.00	54.15 2.82 0.00	55.62 3.54 0.00	63.69 3.77 0.00	66.71 3.66 0.00	71.11 5.02 0.00	81.83 6.48 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.30 3.84 0.00	62.89 3.05 0.00	55.20 2.63 0.00	51.10 2.85 0.00
HUNTLEY___66 23560	46.66 0.09 0.00	44.06 0.69 0.00	38.74 -0.43 0.00	34.66 -0.74 0.00	34.90 -0.64 0.00	37.14 -0.91 0.00	41.65 -0.72 0.00	44.07 -0.67 0.00	44.51 -0.63 0.00	45.46 0.18 0.00	46.57 1.09 0.00	54.15 2.82 0.00	55.62 3.54 0.00	63.69 3.77 0.00	66.71 3.66 0.00	71.11 5.02 0.00	81.83 6.48 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.30 3.84 0.00	62.89 3.05 0.00	55.20 2.63 0.00	51.10 2.85 0.00
HUNTLEY___67 23561	46.34 -0.23 0.00	43.75 0.39 0.00	38.54 -0.63 0.00	34.49 -0.92 0.00	34.72 -0.82 0.00	36.95 -1.10 0.00	41.44 -0.93 0.00	43.89 -0.85 0.00	44.38 -0.77 0.00	45.23 -0.05 0.00	46.34 0.86 0.00	53.79 2.46 0.00	55.26 3.18 0.00	63.45 3.53 0.00	66.53 3.47 0.00	70.85 4.76 0.00	81.45 6.10 0.00	85.50 7.56 0.00	82.77 6.69 0.00	78.47 5.47 0.00	71.10 3.64 0.00	62.65 2.81 0.00	54.88 2.31 0.00	50.76 2.51 0.00
HUNTLEY___68 23562	46.34 -0.23 0.00	43.75 0.39 0.00	38.54 -0.63 0.00	34.49 -0.92 0.00	34.72 -0.82 0.00	36.95 -1.10 0.00	41.44 -0.93 0.00	43.89 -0.85 0.00	44.38 -0.77 0.00	45.23 -0.05 0.00	46.34 0.86 0.00	53.79 2.46 0.00	55.26 3.18 0.00	63.45 3.53 0.00	66.53 3.47 0.00	70.85 4.76 0.00	81.45 6.10 0.00	85.50 7.56 0.00	82.77 6.69 0.00	78.47 5.47 0.00	71.10 3.64 0.00	62.65 2.81 0.00	54.88 2.31 0.00	50.76 2.51 0.00

HYLAND___LFGE 323620	47.78 1.21 0.00	44.71 1.35 0.00	39.79 0.62 0.00	35.66 0.25 0.00	35.86 0.32 0.00	38.32 0.27 0.00	42.84 0.47 0.00	44.83 0.09 0.00	44.06 -1.08 0.00	44.32 -0.95 0.00	44.93 -0.54 0.00	50.92 -0.41 0.00	52.50 0.41 0.00	60.69 0.78 0.00	64.32 1.26 0.00	68.14 2.05 0.00	79.04 3.69 0.00	84.10 6.16 0.00	83.46 7.38 0.00	80.15 7.16 0.00	74.34 6.88 0.00	65.28 5.44 0.00	56.93 4.36 0.00	53.46 5.21 0.00
INDECK___CORINTH 23802	47.68 1.12 0.00	44.18 0.82 0.00	40.03 0.86 0.00	36.22 0.81 0.00	36.36 0.82 0.00	38.97 0.91 0.00	43.26 0.89 0.00	45.64 0.89 0.00	45.96 0.81 0.00	45.68 0.41 0.00	44.92 -0.37 0.19	50.41 -0.51 0.40	51.06 -0.62 0.39	58.57 -0.66 0.69	61.73 -0.38 0.95	65.25 0.33 1.17	76.77 1.51 0.08	80.83 2.89 0.00	80.03 3.95 0.00	76.13 3.14 0.00	69.88 2.42 0.00	61.33 1.50 0.00	53.72 1.16 0.00	49.16 0.91 0.00
INDECK___ILION 23567	47.08 0.51 0.00	43.84 0.48 0.00	39.60 0.43 0.00	35.80 0.39 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.84 0.47 0.00	45.28 0.54 0.00	45.64 0.50 0.00	45.77 0.50 0.00	45.93 0.45 0.00	51.89 0.56 0.00	52.65 0.57 0.00	60.63 0.72 0.00	63.81 0.76 0.00	67.08 0.99 0.00	76.78 1.43 0.00	79.72 1.79 0.02	77.91 1.83 0.00	74.52 1.53 0.00	68.60 1.15 0.00	60.68 0.84 0.00	53.20 0.63 0.00	48.78 0.53 0.00
INDECK___OLEAN 23982	45.59 -0.98 0.00	42.97 -0.39 0.00	38.11 -1.06 0.00	34.27 -1.13 0.00	34.55 -0.99 0.00	36.91 -1.14 0.00	41.35 -1.02 0.00	43.80 -0.94 0.00	43.84 -1.31 0.00	44.91 -0.36 0.00	46.16 0.68 0.00	52.71 1.39 0.00	54.63 2.55 0.00	63.15 3.23 0.00	66.59 3.53 0.00	70.98 4.89 0.00	82.20 6.86 0.00	85.74 7.79 0.00	83.38 7.30 0.00	77.81 4.82 0.00	71.03 3.57 0.00	62.17 2.33 0.00	54.15 1.58 0.00	49.79 1.54 0.00
INDECK___OSWEGO 23783	45.59 -0.98 0.00	42.49 -0.87 0.00	38.27 -0.90 0.00	34.56 -0.85 0.00	34.69 -0.85 0.00	37.14 -0.91 0.00	41.40 -0.97 0.00	43.76 -0.98 0.00	44.06 -1.08 0.00	44.24 -1.04 0.00	44.52 -0.96 0.00	50.35 -0.98 0.00	50.73 -1.35 0.00	58.54 -1.38 0.00	61.61 -1.45 0.00	64.97 -1.12 0.00	74.37 -0.98 0.00	77.52 -0.39 0.04	75.70 -0.38 0.00	72.19 -0.80 0.00	66.51 -0.94 0.00	58.76 -1.08 0.00	51.57 -1.00 0.00	47.67 -0.58 0.00
INDECK___YERKES 23781	46.38 -0.19 0.00	43.88 0.52 0.00	38.90 -0.27 0.00	34.70 -0.71 0.00	34.94 -0.60 0.00	37.18 -0.87 0.00	41.44 -0.93 0.00	43.98 -0.76 0.00	43.97 -1.17 0.00	45.28 0.00 0.00	46.61 1.14 0.00	53.17 1.85 0.00	55.42 3.34 0.00	63.51 3.59 0.00	66.71 3.66 0.00	71.18 5.09 0.00	82.27 6.93 0.00	85.90 7.95 0.00	83.16 7.08 0.00	77.52 4.53 0.00	71.23 3.78 0.00	62.89 3.05 0.00	55.25 2.68 0.00	50.95 2.70 0.00
INDIAN POINT_GT_1 24139	47.92 1.35 0.00	44.58 1.21 0.00	40.27 1.10 0.00	36.50 1.10 0.00	36.57 1.03 0.00	39.20 1.14 0.00	43.73 1.36 0.00	46.22 1.48 0.00	47.00 1.85 0.00	47.36 2.08 0.00	47.78 2.09 -0.22	53.58 1.80 -0.46	54.41 1.87 -0.45	62.56 1.86 -0.79	66.04 1.89 -1.09	69.75 2.31 -1.34	78.91 3.47 -0.09	82.38 4.44 0.00	79.96 3.88 0.00	75.47 2.48 0.00	68.33 0.88 0.00	60.14 0.30 0.00	53.04 0.47 0.00	48.78 0.53 0.00
INDIAN POINT_GT_2 23659	47.92 1.35 0.00	44.58 1.21 0.00	40.27 1.10 0.00	36.50 1.10 0.00	36.57 1.03 0.00	39.20 1.14 0.00	43.73 1.36 0.00	46.22 1.48 0.00	47.00 1.85 0.00	47.36 2.08 0.00	47.78 2.09 -0.22	53.58 1.80 -0.46	54.41 1.87 -0.45	62.56 1.86 -0.79	66.04 1.89 -1.09	69.75 2.31 -1.34	78.91 3.47 -0.09	82.38 4.44 0.00	79.96 3.88 0.00	75.47 2.48 0.00	68.33 0.88 0.00	60.14 0.30 0.00	53.04 0.47 0.00	48.78 0.53 0.00
INDIAN POINT_GT_3 24019	47.92 1.35 0.00	44.58 1.21 0.00	40.27 1.10 0.00	36.50 1.10 0.00	36.57 1.03 0.00	39.20 1.14 0.00	43.73 1.36 0.00	46.22 1.48 0.00	47.00 1.85 0.00	47.36 2.08 0.00	47.78 2.09 -0.22	53.58 1.80 -0.46	54.41 1.87 -0.45	62.56 1.86 -0.79	66.04 1.89 -1.09	69.75 2.31 -1.34	78.91 3.47 -0.09	82.38 4.44 0.00	79.96 3.88 0.00	75.47 2.48 0.00	68.33 0.88 0.00	60.14 0.30 0.00	53.04 0.47 0.00	48.78 0.53 0.00
INDIAN POINT___2 23530	47.96 1.40 0.00	44.53 1.17 0.00	40.23 1.06 0.00	36.47 1.06 0.00	36.53 0.99 0.00	39.16 1.10 0.00	43.73 1.36 0.00	46.21 1.47 0.00	47.09 1.94 0.00	47.36 2.08 0.00	47.73 2.05 -0.21	53.77 2.00 -0.45	54.45 1.93 -0.44	62.54 1.86 -0.76	66.00 1.89 -1.05	69.70 2.31 -1.30	78.91 3.47 -0.09	82.30 4.36 0.00	79.88 3.80 0.00	75.33 2.34 0.00	68.33 0.87 0.00	60.08 0.24 0.00	52.99 0.42 0.00	48.78 0.53 0.00
INDIAN POINT___3 23531	47.83 1.26 0.00	44.49 1.13 0.00	40.19 1.02 0.00	36.47 1.06 0.00	36.54 1.00 0.00	39.16 1.10 0.00	43.64 1.27 0.00	46.17 1.43 0.00	46.95 1.81 0.00	47.27 1.99 0.00	47.69 2.00 -0.22	53.53 1.75 -0.46	54.36 1.82 -0.45	62.44 1.74 -0.79	65.98 1.83 -1.09	69.62 2.18 -1.34	78.76 3.32 -0.10	82.23 4.29 0.00	79.88 3.80 0.00	75.40 2.41 0.00	68.26 0.81 0.00	60.02 0.18 0.00	52.99 0.42 0.00	48.68 0.43 0.00
INGHAM_C_115KV_TB7 356103	47.64 1.07 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.18 0.78 0.00	36.32 0.78 0.00	38.93 0.88 0.00	43.39 1.02 0.00	45.77 1.03 0.00	46.18 1.04 0.00	46.27 1.00 0.00	46.43 0.95 0.00	52.51 1.18 0.00	53.28 1.20 0.00	61.35 1.44 0.00	64.57 1.51 0.00	67.94 1.85 0.00	77.76 2.41 0.00	80.81 2.88 0.02	79.05 2.97 0.00	75.62 2.63 0.00	69.55 2.09 0.00	61.51 1.68 0.00	53.94 1.37 0.00	49.46 1.21 0.00
IP CORINTH___1 23988	47.92 1.35 0.00	44.40 1.04 0.00	40.23 1.06 0.00	36.40 0.99 0.00	36.54 1.00 0.00	39.20 1.14 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.14 0.99 0.00	45.91 0.63 0.00	45.19 -0.09 0.19	50.62 -0.31 0.40	51.32 -0.36 0.39	58.87 -0.36 0.69	62.11 0.00 0.95	65.65 0.73 1.17	77.22 1.96 0.08	81.29 3.35 0.00	80.49 4.41 0.00	76.79 3.80 0.00	70.29 2.83 0.00	61.75 1.91 0.00	54.04 1.47 0.00	49.46 1.21 0.00
IP___TICONDEROGA 23804	49.64 3.07 0.00	45.88 2.51 0.00	41.44 2.27 0.00	37.42 2.02 0.00	37.64 2.10 0.00	40.38 2.32 0.00	44.83 2.46 0.00	47.16 2.42 0.00	47.22 2.08 0.00	46.81 1.54 0.00	46.01 0.73 0.20	51.58 0.67 0.41	52.25 0.57 0.40	60.23 1.02 0.70	63.72 1.64 0.97	67.67 2.78 1.20	79.86 4.60 0.08	84.49 6.55 0.00	83.99 7.91 0.00	80.36 7.37 0.00	73.46 6.00 0.00	64.33 4.49 0.00	56.20 3.63 0.00	51.34 3.09 0.00
ISLIP_RES_REC 323679	50.01 3.45 0.01	46.75 3.38 -0.01	45.31 2.94 -3.20	38.07 2.66 -0.01	38.07 2.52 -0.01	40.92 2.86 -0.01	45.56 3.18 -0.01	47.64 2.91 0.00	48.48 3.34 0.00	48.58 3.30 0.00	48.60 2.91 -0.22	55.18 3.39 -0.47	56.73 4.17 -0.48	65.79 4.37 -1.50	68.79 4.60 -1.13	113.16 5.22 -41.84	119.48 6.86 -37.28	121.88 7.95 -35.98	116.08 6.85 -33.15	77.97 4.97 -0.01	69.20 1.75 0.00	60.73 0.90 0.01	51.76 0.53 1.34	45.69 0.43 2.99

JAMAICA__27_KV_LOAD 355505	48.76 2.19 0.00	45.40 2.04 0.00	40.85 1.68 0.00	37.00 1.59 0.00	37.03 1.49 0.00	39.77 1.71 0.00	44.57 2.20 0.00	47.29 2.55 0.00	48.22 3.07 0.00	48.68 3.40 -0.01	48.83 3.14 -0.22	54.52 2.72 -0.47	55.36 2.81 -0.46	63.41 2.70 -0.80	66.94 2.77 -1.11	70.63 3.17 -1.37	80.27 4.82 -0.10	83.79 5.85 0.00	81.25 5.17 0.00	76.42 3.43 0.00	69.14 1.69 0.00	60.62 0.78 0.00	53.83 1.26 0.00	49.60 1.35 0.00
JANIS__SOLAR 323808	48.61 2.05 0.00	45.31 1.95 0.00	40.69 1.53 0.00	36.64 1.24 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.48 1.74 0.00	46.32 1.17 0.00	46.23 0.95 0.00	46.34 0.86 0.00	52.61 1.28 0.00	53.54 1.46 0.00	62.13 2.22 0.00	65.51 2.46 0.00	69.53 3.43 0.00	80.40 5.05 0.00	84.72 6.78 0.00	83.46 7.38 0.00	79.63 6.64 0.00	73.26 5.80 0.00	64.51 4.67 0.00	56.19 3.62 0.00	51.34 3.09 0.00
JARVIS____ 23743	46.61 0.05 0.00	43.36 0.00 0.00	39.21 0.04 0.00	35.44 0.04 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.41 0.04 0.00	44.79 0.04 0.00	45.19 0.05 0.00	45.32 0.05 0.00	45.47 0.00 0.00	51.33 0.00 0.00	52.08 0.00 0.00	59.91 0.00 0.00	63.06 0.00 0.00	66.22 0.13 0.00	75.73 0.38 0.00	78.63 0.70 0.02	76.76 0.68 0.00	73.43 0.44 0.00	67.59 0.14 0.00	59.84 0.00 0.00	52.57 0.00 0.00	48.20 -0.05 0.00
JENNISON____1 23625	48.90 2.33 0.00	45.49 2.12 0.00	40.89 1.72 0.00	36.82 1.42 0.00	37.00 1.46 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.80 2.06 0.00	46.95 1.81 0.00	46.95 1.68 0.00	47.07 1.59 0.00	53.74 2.41 0.00	54.58 2.50 0.00	63.27 3.36 0.00	66.65 3.59 0.00	70.65 4.56 0.00	81.45 6.10 0.00	85.58 7.64 0.00	83.84 7.76 0.00	80.07 7.08 0.00	73.12 5.67 0.00	64.27 4.43 0.00	56.04 3.47 0.00	51.29 3.04 0.00
JENNISON____2 23626	48.90 2.33 0.00	45.49 2.12 0.00	40.89 1.72 0.00	36.82 1.42 0.00	37.00 1.46 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.80 2.06 0.00	46.95 1.81 0.00	46.95 1.68 0.00	47.07 1.59 0.00	53.74 2.41 0.00	54.58 2.50 0.00	63.27 3.36 0.00	66.65 3.59 0.00	70.65 4.56 0.00	81.45 6.10 0.00	85.58 7.64 0.00	83.84 7.76 0.00	80.07 7.08 0.00	73.12 5.67 0.00	64.27 4.43 0.00	56.04 3.47 0.00	51.29 3.04 0.00
JERICOHO_RISE_WT_PWR 323719	47.03 0.47 0.00	43.92 0.56 0.00	39.68 0.51 0.00	35.83 0.43 0.00	36.00 0.46 0.00	38.55 0.49 0.00	43.09 0.72 0.00	45.23 0.49 0.00	45.46 0.32 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.85 -0.06 0.00	62.93 -0.13 0.00	65.23 -0.86 0.00	73.69 -1.66 0.00	74.61 -3.27 0.06	73.27 -2.81 0.00	71.82 -1.17 0.00	67.25 -0.20 0.00	60.31 0.48 0.00	53.10 0.53 0.00	48.73 0.48 0.00
KATONAH__115KV_46KV_TB4 355592	48.20 1.63 0.00	44.79 1.43 0.00	40.46 1.29 0.00	36.65 1.24 0.00	36.75 1.21 0.00	39.35 1.29 0.00	43.90 1.53 0.00	46.35 1.61 0.00	47.22 2.08 0.00	47.49 2.22 -0.22	48.02 2.32 -0.47	53.90 2.10 -0.46	54.78 2.24 -0.80	62.99 2.28 -1.11	66.63 2.46 -1.37	70.30 2.84 -1.37	79.44 3.99 -0.10	83.16 5.22 0.00	80.57 4.49 0.00	75.98 2.99 0.00	68.87 1.42 0.00	60.62 0.78 0.00	53.46 0.89 0.00	49.07 0.82 0.00
KCE_NY_1 323755	48.24 1.67 0.00	44.75 1.39 0.00	40.50 1.33 0.00	36.61 1.20 0.00	36.78 1.24 0.00	39.39 1.33 0.00	43.81 1.44 0.00	46.21 1.47 0.00	46.55 1.40 0.00	46.36 1.08 0.00	45.96 0.68 0.20	51.57 0.67 0.42	52.24 0.57 0.42	59.85 0.66 0.73	63.00 0.95 1.01	66.44 1.58 1.24	77.97 2.71 0.09	81.99 4.05 0.00	80.49 4.41 0.00	76.57 3.58 0.00	70.22 2.77 0.00	61.75 1.91 0.00	54.20 1.63 0.00	49.65 1.40 0.00
KCE_NY_6_ESR 323823	46.57 0.00 0.00	44.01 0.65 0.00	38.90 -0.27 0.00	34.88 -0.53 0.00	35.12 -0.42 0.00	37.41 -0.65 0.00	41.78 -0.59 0.00	44.34 -0.40 0.00	44.34 -0.81 0.00	45.59 0.32 0.00	46.89 1.41 0.00	53.48 2.16 0.00	55.73 3.64 0.00	64.17 4.25 0.00	67.47 4.41 0.00	72.04 5.95 0.00	83.26 7.91 0.00	86.90 8.96 0.00	84.30 8.22 0.00	78.61 5.62 0.00	72.18 4.72 0.00	63.55 3.71 0.00	55.51 2.94 0.00	51.14 2.89 0.00
KEDC_PORT_JEFF_GT2 24210	49.50 2.94 0.01	46.32 2.95 -0.01	44.92 2.54 -3.21	37.75 2.34 -0.01	37.75 2.20 -0.01	40.57 2.51 -0.01	45.17 2.80 -0.01	47.20 2.46 0.00	48.04 2.89 0.00	48.08 2.81 0.00	48.01 2.32 -0.22	54.31 2.51 -0.47	55.85 3.28 -0.48	64.57 2.99 -1.66	67.28 3.09 -1.13	120.61 3.57 -50.95	125.89 4.89 -45.64	127.94 5.92 -44.08	121.64 4.94 -40.61	76.29 3.29 -0.01	67.79 0.34 0.00	59.77 -0.06 0.01	51.01 -0.21 1.35	45.13 -0.10 3.02
KEDC_PORT_JEFF_GT3 24211	49.50 2.94 0.01	46.32 2.95 -0.01	44.92 2.54 -3.21	37.75 2.34 -0.01	37.75 2.20 -0.01	40.57 2.51 -0.01	45.17 2.80 -0.01	47.20 2.46 0.00	48.04 2.89 0.00	48.08 2.81 0.00	48.01 2.32 -0.22	54.31 2.51 -0.47	55.85 3.28 -0.48	64.57 2.99 -1.66	67.28 3.09 -1.13	120.61 3.57 -50.95	125.89 4.89 -45.64	127.94 5.92 -44.08	121.64 4.94 -40.61	76.29 3.29 -0.01	67.79 0.34 0.00	59.77 -0.06 0.01	51.01 -0.21 1.35	45.13 -0.10 3.02
KEDC_GLWD_GT4 24219	48.85 2.28 0.00	45.49 2.12 -0.01	43.36 1.84 -2.35	37.15 1.73 -0.01	37.22 1.67 -0.01	39.92 1.86 -0.01	44.54 2.16 -0.01	46.80 2.06 0.00	47.72 2.57 0.00	47.95 2.67 0.00	48.33 2.64 -0.22	54.62 2.82 -0.47	55.41 2.86 -0.47	63.60 2.88 -0.81	67.08 2.90 -1.12	70.84 3.37 -1.38	80.20 4.75 -0.11	83.72 5.77 -0.01	80.95 4.87 0.00	76.13 3.14 0.00	68.53 1.08 0.00	60.14 0.30 0.00	53.05 0.84 0.36	48.21 0.77 0.81
KEDC_GLWD_GT5 24220	48.85 2.28 0.00	45.49 2.12 -0.01	43.36 1.84 -2.35	37.15 1.73 -0.01	37.22 1.67 -0.01	39.92 1.86 -0.01	44.54 2.16 -0.01	46.80 2.06 0.00	47.72 2.57 0.00	47.95 2.67 0.00	48.33 2.64 -0.22	54.62 2.82 -0.47	55.41 2.86 -0.47	63.60 2.88 -0.81	67.08 2.90 -1.12	70.84 3.37 -1.38	80.20 4.75 -0.11	83.72 5.77 -0.01	80.95 4.87 0.00	76.13 3.14 0.00	68.53 1.08 0.00	60.14 0.30 0.00	53.05 0.84 0.36	48.21 0.77 0.81
KENSICO____ 23655	48.06 1.49 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.35 1.61 0.00	47.18 2.03 0.00	47.54 2.26 0.00	47.97 2.27 -0.22	53.80 2.00 -0.47	54.63 2.08 -0.46	62.75 2.04 -0.80	66.24 2.08 -1.11	69.90 2.45 -1.36	79.06 3.62 -0.10	82.62 4.68 0.00	80.19 4.11 0.00	75.62 2.63 0.00	68.47 1.01 0.00	60.20 0.36 0.00	53.15 0.58 0.00	48.88 0.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.62 2.05 0.00	45.18 1.82 0.00	40.74 1.57 0.00	36.89 1.49 0.00	36.96 1.42 0.00	39.61 1.56 0.00	44.19 1.82 0.00	46.66 1.92 0.00	47.31 2.17 0.00	47.58 2.31 0.00	47.97 2.36 -0.13	53.92 2.31 -0.28	54.81 2.45 -0.28	63.15 2.76 -0.49	66.69 2.96 -0.67	70.49 3.57 -0.83	80.30 4.90 -0.06	84.10 6.16 0.00	82.01 5.93 0.00	77.52 4.53 0.00	70.29 2.83 0.00	61.75 1.91 0.00	54.36 1.79 0.00	49.84 1.59 0.00

KIAC_JFK_GT1 23816	48.29 1.72 0.00	45.10 1.73 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.54 1.48 0.00	44.28 1.91 0.00	46.98 2.24 0.00	47.76 2.62 0.00	48.23 2.94 -0.01	48.38 2.68 -0.22	53.95 2.16 -0.47	54.83 2.29 -0.46	62.75 2.04 -0.80	66.18 2.02 -1.11	69.90 2.45 -1.37	79.36 3.92 -0.10	82.85 4.91 0.00	80.34 4.26 0.00	75.55 2.55 0.00	68.33 0.88 0.00	59.96 0.12 0.00	53.31 0.74 0.00	49.07 0.82 0.00
KIAC_JFK_GT2 23817	48.29 1.72 0.00	45.10 1.73 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.54 1.48 0.00	44.28 1.91 0.00	46.98 2.24 0.00	47.76 2.62 0.00	48.23 2.94 -0.01	48.38 2.68 -0.22	53.95 2.16 -0.47	54.83 2.29 -0.46	62.75 2.04 -0.80	66.18 2.02 -1.11	69.90 2.45 -1.37	79.36 3.92 -0.10	82.85 4.91 0.00	80.34 4.26 0.00	75.55 2.55 0.00	68.33 0.88 0.00	59.96 0.12 0.00	53.31 0.74 0.00	49.07 0.82 0.00
KIAC_JFK____ 323774	48.43 1.86 0.00	45.14 1.78 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.54 1.48 0.00	44.36 1.99 0.00	46.76 2.02 0.00	47.95 2.80 0.00	48.32 3.03 -0.01	48.38 2.68 -0.22	54.31 2.51 -0.47	54.94 2.40 -0.46	62.87 2.15 -0.80	66.18 2.02 -1.11	69.90 2.45 -1.37	79.43 3.99 -0.10	82.86 4.91 0.00	80.34 4.26 0.00	75.40 2.41 0.00	68.33 0.87 0.00	59.96 0.12 0.00	53.31 0.74 0.00	49.16 0.91 0.00
KINTIGH__24_KV_GSU 356498	45.82 -0.75 0.00	43.32 -0.04 0.00	38.42 -0.75 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.83 -1.22 0.00	41.10 -1.27 0.00	43.71 -1.03 0.00	43.75 -1.40 0.00	44.87 -0.41 0.00	45.93 0.45 0.00	52.30 0.97 0.00	54.17 2.09 0.00	62.43 2.52 0.00	65.64 2.59 0.00	69.86 3.77 0.00	80.32 4.97 0.00	84.10 6.16 0.00	81.32 5.25 0.00	76.35 3.36 0.00	70.29 2.83 0.00	61.93 2.09 0.00	54.30 1.73 0.00	49.98 1.73 0.00
KINTIGH____ 23543	46.10 -0.47 0.00	43.49 0.13 0.00	38.42 -0.74 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.84 -1.22 0.00	41.31 -1.06 0.00	43.80 -0.94 0.00	44.29 -0.86 0.00	45.00 -0.27 0.00	45.93 0.45 0.00	53.12 1.80 0.00	54.37 2.29 0.00	62.55 2.64 0.00	65.64 2.59 0.00	69.79 3.70 0.00	80.09 4.75 0.00	84.10 6.16 0.00	81.33 5.25 0.00	77.37 4.38 0.00	70.29 2.83 0.00	61.93 2.09 0.00	54.30 1.73 0.00	50.13 1.88 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.45 0.88 0.00	44.40 1.04 0.00	40.15 0.98 0.00	36.22 0.81 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.60 1.23 0.00	45.64 0.89 0.00	45.82 0.68 0.00	45.77 0.50 0.00	46.07 0.59 0.00	51.94 0.62 0.00	52.55 0.47 0.00	60.39 0.48 0.00	63.50 0.44 0.00	65.96 -0.13 0.00	74.67 -0.68 0.00	75.84 -2.10 0.00	74.41 -1.67 0.00	72.04 -0.95 0.00	68.20 0.74 0.00	61.10 1.26 0.00	53.67 1.10 0.00	49.26 1.01 0.00
LACHUTE____HYDRO 323717	49.64 3.07 0.00	45.88 2.51 0.00	41.48 2.31 0.00	37.42 2.02 0.00	37.64 2.10 0.00	40.38 2.32 0.00	44.83 2.46 0.00	47.16 2.41 0.00	47.27 2.12 0.00	46.82 1.54 0.00	46.00 0.73 0.20	51.69 0.77 0.41	52.30 0.63 0.40	60.23 1.02 0.70	63.72 1.64 0.97	67.67 2.78 1.20	79.86 4.60 0.08	84.49 6.55 0.00	83.99 7.91 0.00	80.07 7.08 0.00	73.46 6.00 0.00	64.33 4.49 0.00	56.19 3.62 0.00	51.34 3.09 0.00
LAWRNCV_115KV_TB1 80681	47.50 0.93 0.00	44.45 1.08 0.00	40.19 1.02 0.00	36.22 0.81 0.00	36.36 0.82 0.00	38.93 0.88 0.00	43.47 1.10 0.00	45.68 0.94 0.00	45.55 0.41 0.00	45.18 -0.09 0.00	45.20 -0.27 0.00	51.07 -0.26 0.00	51.67 -0.42 0.00	59.08 -0.84 0.00	62.05 -1.01 0.00	64.31 -1.78 0.00	72.71 -2.64 0.00	71.54 -5.46 0.95	71.44 -4.64 0.00	69.27 -3.72 0.00	67.32 -0.13 0.00	60.74 0.90 0.00	53.62 1.05 0.00	49.26 1.01 0.00
LEDERLE____ 23769	48.10 1.54 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.71 1.17 0.00	39.35 1.29 0.00	43.85 1.48 0.00	46.40 1.66 0.00	47.18 2.03 0.00	47.54 2.26 0.00	48.00 2.32 -0.21	53.92 2.16 -0.44	54.75 2.24 -0.43	63.00 2.34 -0.75	66.55 2.46 -1.03	70.27 2.91 -1.27	79.58 4.14 -0.09	83.09 5.14 0.00	80.64 4.56 0.00	76.13 3.14 0.00	68.94 1.48 0.00	60.56 0.72 0.00	53.36 0.79 0.00	49.02 0.77 0.00
LIGHTHSE_115KV_TB6 355974	46.85 0.28 0.00	43.66 0.30 0.00	39.29 0.12 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.87 0.13 0.00	45.06 -0.09 0.00	45.09 -0.18 0.00	45.25 -0.23 0.00	51.38 0.05 0.00	51.98 -0.10 0.00	60.03 0.12 0.00	63.18 0.13 0.00	66.69 0.59 0.00	76.33 0.98 0.00	79.49 1.64 0.08	77.98 1.90 0.00	74.89 1.90 0.00	69.01 1.55 0.00	61.15 1.32 0.00	53.52 0.95 0.00	49.07 0.82 0.00
LINDEN COGEN____ 23786	48.15 1.58 0.00	44.71 1.35 0.00	40.31 1.14 0.00	36.54 1.13 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.89 1.52 0.00	46.44 1.70 0.00	47.63 2.48 0.00	48.00 2.72 -0.01	48.33 2.64 -0.22	54.05 2.26 -0.47	54.68 2.14 -0.46	62.58 1.86 -0.80	65.87 1.70 -1.11	69.51 2.05 -1.37	63.70 3.31 14.96	68.01 4.21 14.14	64.88 3.50 14.70	55.84 1.89 19.05	51.16 0.34 16.63	49.69 -0.18 9.97	48.85 0.26 3.99	48.83 0.58 0.00
LINDHRST_69_KV_BK1 356055	48.19 1.63 0.01	46.36 2.99 -0.01	44.93 2.66 -3.09	37.89 2.48 -0.01	37.89 2.35 -0.01	40.73 2.66 -0.01	45.30 2.92 -0.01	46.71 1.97 0.00	47.22 2.08 0.00	47.67 2.40 0.00	48.42 2.73 -0.22	54.62 2.82 -0.47	56.29 3.75 -0.46	64.67 3.89 -0.86	68.20 4.04 -1.11	75.71 4.63 -4.99	85.03 6.25 -3.42	88.56 7.40 -3.21	85.35 6.31 -2.96	77.59 4.60 0.00	69.01 1.55 0.00	60.43 0.60 0.00	51.97 0.53 1.13	46.02 0.29 2.52
LIPA_MISC_IPP 23656	47.96 1.40 0.01	46.32 2.95 -0.01	44.96 2.59 -3.21	37.79 2.37 -0.01	37.79 2.24 -0.01	40.57 2.51 -0.01	45.05 2.67 -0.01	46.31 1.57 0.00	46.82 1.67 0.00	47.22 1.95 0.00	48.06 2.36 -0.22	54.21 2.41 -0.47	55.99 3.44 -0.47	64.97 3.53 -1.52	67.90 3.72 -1.12	113.58 4.30 -43.19	119.66 5.80 -38.51	122.12 7.01 -37.17	116.34 6.01 -34.25	77.31 4.31 -0.01	68.53 1.08 0.00	60.13 0.30 0.00	51.26 0.05 1.36	45.16 -0.05 3.04
LISF__SOLAR 323691	49.77 3.21 0.01	46.53 3.16 -0.01	45.08 2.70 -3.21	37.89 2.48 -0.01	37.86 2.31 -0.01	40.69 2.62 -0.01	45.26 2.88 -0.01	47.29 2.55 0.00	48.08 2.93 0.00	48.17 2.90 0.00	48.14 2.45 -0.22	54.62 2.82 -0.47	56.15 3.59 -0.48	65.23 3.78 -1.54	68.10 3.91 -1.13	114.44 4.56 -43.79	120.59 6.18 -39.07	122.98 7.32 -37.71	117.14 6.31 -34.75	77.45 4.45 -0.01	68.80 1.35 0.00	60.31 0.48 0.01	51.42 0.21 1.36	45.36 0.15 3.03
LITTLE FALLS__HYD 24013	47.64 1.07 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.18 0.78 0.00	36.32 0.78 0.00	38.93 0.88 0.00	43.39 1.02 0.00	45.77 1.03 0.00	46.18 1.04 0.00	46.27 1.00 0.00	46.43 0.95 0.00	52.51 1.18 0.00	53.28 1.20 0.00	61.35 1.44 0.00	64.57 1.51 0.00	67.94 1.85 0.00	77.76 2.41 0.00	80.81 2.88 0.02	79.05 2.97 0.00	75.62 2.63 0.00	69.55 2.09 0.00	61.51 1.68 0.00	53.94 1.37 0.00	49.46 1.21 0.00

LITTLRIV_115KV_TB1 356100	48.20 1.63 0.00	45.05 1.69 0.00	40.74 1.57 0.00	36.72 1.31 0.00	36.86 1.32 0.00	39.42 1.37 0.00	44.06 1.69 0.00	46.13 1.39 0.00	45.91 0.77 0.00	45.46 0.18 0.00	45.38 -0.09 0.00	51.33 0.00 0.00	51.87 -0.21 0.00	59.37 -0.54 0.00	62.36 -0.69 0.00	64.64 -1.45 0.00	73.16 -2.19 0.00	72.21 -4.83 0.90	72.43 -3.65 0.00	70.51 -2.48 0.00	68.53 1.08 0.00	61.87 2.03 0.00	54.46 1.89 0.00	49.99 1.74 0.00
LI_NEWBRDGE___DRP 323616	47.40 0.84 0.01	45.45 2.08 -0.01	44.29 1.84 -3.28	37.18 1.77 -0.01	37.25 1.71 -0.01	39.93 1.86 -0.01	44.54 2.16 -0.01	45.99 1.25 0.00	46.50 1.35 0.00	46.95 1.68 0.00	47.65 1.96 -0.22	53.70 1.90 -0.47	55.20 2.66 -0.46	63.41 2.70 -0.80	66.88 2.71 -1.11	70.58 3.11 -1.38	79.90 4.45 -0.11	83.48 5.53 0.00	80.64 4.56 0.00	75.98 2.99 0.00	67.73 0.27 0.00	59.35 -0.48 0.01	50.87 -0.21 1.48	44.59 -0.34 3.32
LOCKPORT_115KV_TB60_63_64 80432	46.43 -0.14 0.00	43.84 0.48 0.00	38.58 -0.59 0.00	34.52 -0.89 0.00	34.76 -0.78 0.00	36.95 -1.10 0.00	41.40 -0.97 0.00	43.62 -1.12 0.00	44.06 -1.08 0.00	44.91 -0.36 0.00	45.97 0.50 0.00	53.48 2.16 0.00	54.79 2.71 0.00	62.91 3.00 0.00	65.96 2.90 0.00	70.26 4.16 0.00	80.70 5.35 0.00	84.80 6.86 0.00	82.09 6.01 0.00	77.88 4.89 0.00	70.63 3.17 0.00	62.29 2.45 0.00	54.57 2.00 0.00	50.76 2.51 0.00
LOCKPORT___CC1 323769	45.92 -0.65 0.00	43.49 0.13 0.00	38.23 -0.94 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.83 -1.22 0.00	41.01 -1.36 0.00	43.40 -1.34 0.00	43.39 -1.76 0.00	44.64 -0.63 0.00	45.88 0.41 0.00	52.20 0.87 0.00	54.37 2.29 0.00	62.55 2.63 0.00	65.71 2.65 0.00	70.06 3.97 0.00	80.78 5.43 0.00	84.49 6.55 0.00	81.79 5.71 0.00	76.42 3.43 0.00	70.29 2.83 0.00	62.05 2.22 0.00	54.36 1.79 0.00	50.32 2.07 0.00
LOCKPORT___CC2 323770	45.92 -0.65 0.00	43.49 0.13 0.00	38.23 -0.94 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.83 -1.22 0.00	41.01 -1.36 0.00	43.40 -1.34 0.00	43.39 -1.76 0.00	44.64 -0.63 0.00	45.88 0.41 0.00	52.20 0.87 0.00	54.37 2.29 0.00	62.55 2.63 0.00	65.71 2.65 0.00	70.06 3.97 0.00	80.78 5.43 0.00	84.49 6.55 0.00	81.79 5.71 0.00	76.42 3.43 0.00	70.29 2.83 0.00	62.05 2.22 0.00	54.36 1.79 0.00	50.32 2.07 0.00
LOCKPORT___CC3 323771	45.92 -0.65 0.00	43.49 0.13 0.00	38.23 -0.94 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.83 -1.22 0.00	41.01 -1.36 0.00	43.40 -1.34 0.00	43.39 -1.76 0.00	44.64 -0.63 0.00	45.88 0.41 0.00	52.20 0.87 0.00	54.37 2.29 0.00	62.55 2.63 0.00	65.71 2.65 0.00	70.06 3.97 0.00	80.78 5.43 0.00	84.49 6.55 0.00	81.79 5.71 0.00	76.42 3.43 0.00	70.29 2.83 0.00	62.05 2.22 0.00	54.36 1.79 0.00	50.32 2.07 0.00
LOCUSVLY_69_KV_BK2 55797	48.06 1.49 0.00	45.71 2.34 -0.01	43.83 2.08 -2.58	37.36 1.95 -0.01	37.43 1.88 -0.01	40.11 2.05 -0.01	44.71 2.33 -0.01	46.49 1.74 0.00	47.09 1.94 0.00	47.54 2.26 0.00	48.33 2.64 -0.22	54.47 2.67 -0.47	55.82 3.28 -0.46	64.13 3.42 -0.80	67.70 3.53 -1.11	71.57 4.10 -1.38	80.96 5.50 -0.11	84.49 6.55 0.00	81.63 5.55 0.00	76.86 3.87 0.00	68.80 1.35 0.00	60.26 0.42 0.00	52.58 0.63 0.62	47.30 0.43 1.38
LONG_LAKE_PHOENIX 24014	45.92 -0.65 0.00	42.75 -0.61 0.00	38.46 -0.71 0.00	34.73 -0.67 0.00	34.87 -0.68 0.00	37.33 -0.72 0.00	41.61 -0.76 0.00	44.02 -0.72 0.00	44.38 -0.77 0.00	44.55 -0.72 0.00	44.88 -0.59 0.00	50.87 -0.46 0.00	51.56 -0.52 0.00	59.49 -0.42 0.00	62.68 -0.38 0.00	66.09 0.00 0.00	75.65 0.30 0.00	79.00 1.09 0.03	77.07 0.99 0.00	73.65 0.66 0.00	67.59 0.13 0.00	59.66 -0.18 0.00	52.31 -0.26 0.00	48.01 -0.24 0.00
LOVETT___3 23632	47.78 1.21 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.43 1.03 0.00	36.54 1.00 0.00	39.12 1.07 0.00	43.60 1.23 0.00	46.13 1.39 0.00	46.91 1.76 0.00	47.22 1.95 0.00	47.69 2.00 -0.21	53.46 1.69 -0.44	54.34 1.82 -0.44	62.41 1.74 -0.76	65.93 1.83 -1.05	69.56 2.18 -1.29	78.75 3.32 -0.09	82.23 4.29 0.00	79.81 3.73 0.00	75.33 2.34 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.94 0.37 0.00	48.64 0.39 0.00
LOVETT___4 23642	47.78 1.21 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.43 1.03 0.00	36.54 1.00 0.00	39.12 1.07 0.00	43.60 1.23 0.00	46.13 1.39 0.00	46.91 1.76 0.00	47.22 1.95 0.00	47.69 2.00 -0.21	53.46 1.69 -0.44	54.34 1.82 -0.44	62.41 1.74 -0.76	65.93 1.83 -1.05	69.56 2.18 -1.29	78.75 3.32 -0.09	82.23 4.29 0.00	79.81 3.73 0.00	75.33 2.34 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.94 0.37 0.00	48.64 0.39 0.00
LOVETT___5 23593	47.78 1.21 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.43 1.03 0.00	36.54 1.00 0.00	39.12 1.07 0.00	43.60 1.23 0.00	46.13 1.39 0.00	46.91 1.76 0.00	47.22 1.95 0.00	47.69 2.00 -0.21	53.46 1.69 -0.44	54.34 1.82 -0.44	62.41 1.74 -0.76	65.93 1.83 -1.05	69.56 2.18 -1.29	78.75 3.32 -0.09	82.23 4.29 0.00	79.81 3.73 0.00	75.33 2.34 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.94 0.37 0.00	48.64 0.39 0.00
LOWER RAQUET___HYD 24057	47.50 0.93 0.00	44.49 1.13 0.00	40.19 1.02 0.00	36.25 0.85 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.51 1.14 0.00	45.68 0.94 0.00	45.51 0.36 0.00	45.10 -0.18 0.00	45.06 -0.41 0.00	50.92 -0.41 0.00	51.46 -0.62 0.00	58.84 -1.08 0.00	61.80 -1.26 0.00	63.97 -2.12 0.00	72.41 -2.94 0.00	71.39 -5.69 0.86	71.29 -4.79 0.00	71.32 -1.68 0.00	67.25 -0.20 0.00	60.74 0.90 0.00	53.62 1.05 0.00	49.26 1.01 0.00
LOWER___HUDSON 24059	47.45 0.88 0.00	44.05 0.69 0.00	39.91 0.74 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.22 0.85 0.00	45.68 0.94 0.00	46.10 0.95 0.00	46.00 0.72 0.00	45.67 0.45 0.26	51.14 0.36 0.55	51.80 0.26 0.54	59.21 0.24 0.94	62.07 0.32 1.30	65.15 0.66 1.60	76.74 1.51 0.11	80.67 2.73 0.00	78.90 2.82 0.00	74.89 1.89 0.00	68.60 1.15 0.00	60.44 0.60 0.00	53.15 0.58 0.00	48.68 0.43 0.00
LOWVILLE_115KV_TB2 356335	48.24 1.68 0.00	45.23 1.86 0.00	40.77 1.61 0.00	36.72 1.31 0.00	36.89 1.35 0.00	39.50 1.45 0.00	44.11 1.74 0.00	46.40 1.66 0.00	46.41 1.26 0.00	46.14 0.86 0.00	46.11 0.64 0.00	52.41 1.08 0.00	52.97 0.89 0.00	61.17 1.26 0.00	64.38 1.32 0.00	67.74 1.65 0.00	77.61 2.26 0.00	80.43 2.73 0.24	79.58 3.50 0.00	76.79 3.80 0.00	71.44 3.98 0.00	63.43 3.59 0.00	55.36 2.79 0.00	50.61 2.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.15 1.58 0.00	44.71 1.34 0.00	40.46 1.29 0.00	36.61 1.20 0.00	36.75 1.21 0.00	39.39 1.33 0.00	43.77 1.40 0.00	46.17 1.43 0.00	46.46 1.31 0.00	46.32 1.04 0.00	45.91 0.64 0.20	51.42 0.51 0.42	52.18 0.52 0.42	59.79 0.60 0.73	62.93 0.88 1.01	66.37 1.52 1.24	77.90 2.64 0.09	81.84 3.90 0.00	80.42 4.34 0.00	76.71 3.72 0.00	70.15 2.70 0.00	61.69 1.85 0.00	54.15 1.58 0.00	49.60 1.35 0.00

LUTHERNY_35_KV_BK2 355980	48.20 1.63 0.00	44.75 1.39 0.00	40.46 1.29 0.00	36.61 1.20 0.00	36.78 1.24 0.00	39.39 1.33 0.00	43.77 1.40 0.00	46.22 1.48 0.00	46.50 1.35 0.00	46.32 1.04 0.00	45.95 0.68 0.20	51.42 0.51 0.42	52.18 0.52 0.42	59.85 0.66 0.73	63.00 0.95 1.01	66.44 1.59 1.24	77.97 2.71 0.09	81.99 4.05 0.00	80.49 4.41 0.00	76.79 3.80 0.00	70.22 2.77 0.00	61.75 1.91 0.00	54.20 1.63 0.00	49.65 1.40 0.00
LWR___OSWEGATCHIE_HYD 23850	47.92 1.35 0.00	44.84 1.47 0.00	40.46 1.29 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.81 1.44 0.00	46.04 1.30 0.00	45.91 0.77 0.00	45.59 0.32 0.00	45.52 0.05 0.00	51.58 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.89 -0.20 0.00	75.05 -0.30 0.00	76.11 -1.25 0.58	75.70 -0.38 0.00	73.21 0.22 0.00	69.48 2.02 0.00	62.23 2.39 0.00	54.57 2.00 0.00	49.99 1.74 0.00
LYONS_FALL_HYD 23570	48.01 1.45 0.00	44.92 1.56 0.00	40.50 1.33 0.00	36.50 1.10 0.00	36.64 1.10 0.00	39.27 1.22 0.00	43.81 1.44 0.00	46.17 1.43 0.00	46.28 1.13 0.00	46.13 0.86 0.00	46.16 0.68 0.00	52.35 1.03 0.00	53.02 0.94 0.00	61.29 1.38 0.00	64.51 1.45 0.00	67.88 1.79 0.00	77.83 2.48 0.00	80.82 3.04 0.16	79.66 3.58 0.00	76.71 3.72 0.00	70.96 3.51 0.00	62.89 3.05 0.00	54.94 2.37 0.00	50.23 1.98 0.00
MADISON___COUNTY_LFGE 323628	47.92 1.35 0.00	44.62 1.26 0.00	40.19 1.02 0.00	36.22 0.81 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.14 0.99 0.00	46.14 0.86 0.00	46.25 0.77 0.00	52.56 1.23 0.00	53.28 1.20 0.00	61.59 1.68 0.00	64.89 1.83 0.00	68.41 2.31 0.00	78.59 3.24 0.00	82.02 4.13 0.05	80.34 4.26 0.00	77.01 4.01 0.00	70.76 3.31 0.00	62.47 2.63 0.00	54.57 2.00 0.00	49.94 1.69 0.00
MALONE___115KV_TB1 356076	47.78 1.21 0.00	44.58 1.21 0.00	40.30 1.14 0.00	36.36 0.96 0.00	36.54 1.00 0.00	39.12 1.07 0.00	43.77 1.40 0.00	45.99 1.25 0.00	46.09 0.95 0.00	45.95 0.68 0.00	46.07 0.59 0.00	52.10 0.77 0.00	52.71 0.62 0.00	60.51 0.60 0.00	63.56 0.50 0.00	66.03 -0.07 0.00	74.67 -0.68 0.00	75.26 -2.42 0.26	74.18 -1.90 0.00	71.90 -1.09 0.00	68.53 1.08 0.00	61.51 1.68 0.00	54.09 1.52 0.00	49.60 1.35 0.00
MAPLEWOD_115KV_TB3 80458	46.99 0.42 0.00	43.62 0.26 0.00	39.52 0.35 0.00	35.83 0.42 0.00	35.97 0.43 0.00	38.47 0.42 0.00	42.75 0.38 0.00	45.19 0.45 0.00	45.60 0.45 0.00	45.59 0.32 0.00	45.42 0.14 0.19	50.77 -0.15 0.41	51.52 -0.16 0.40	58.97 -0.24 0.70	61.96 -0.13 0.97	65.10 0.20 1.19	76.24 0.98 0.08	79.89 1.95 0.00	78.13 2.05 0.00	74.31 1.31 0.00	67.86 0.40 0.00	59.78 -0.06 0.00	52.57 0.00 0.00	48.20 -0.05 0.00
MAPLE_RIDGE_WT_1 323574	46.48 -0.09 0.00	43.32 -0.04 0.00	39.17 0.00 0.00	35.44 0.04 0.00	35.58 0.04 0.00	38.13 0.08 0.00	42.45 0.08 0.00	44.79 0.04 0.00	45.15 0.00 0.00	45.23 -0.05 0.00	45.38 -0.09 0.00	51.28 -0.05 0.00	51.98 -0.10 0.00	59.73 -0.18 0.00	62.87 -0.19 0.00	65.76 -0.33 0.00	74.82 -0.52 0.00	77.12 -0.86 -0.03	75.32 -0.76 0.00	72.63 -0.36 0.00	67.25 -0.20 0.00	59.78 -0.06 0.00	52.52 -0.05 0.00	48.20 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	46.48 -0.09 0.00	43.32 -0.04 0.00	39.17 0.00 0.00	35.44 0.04 0.00	35.58 0.04 0.00	38.13 0.08 0.00	42.45 0.08 0.00	44.79 0.04 0.00	45.15 0.00 0.00	45.23 -0.05 0.00	45.38 -0.09 0.00	51.28 -0.05 0.00	51.98 -0.10 0.00	59.73 -0.18 0.00	62.87 -0.19 0.00	65.76 -0.33 0.00	74.82 -0.52 0.00	77.12 -0.86 -0.03	75.32 -0.76 0.00	72.63 -0.36 0.00	67.25 -0.20 0.00	59.78 -0.06 0.00	52.52 -0.05 0.00	48.20 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	46.99 0.42 0.00	43.92 0.56 0.00	39.68 0.51 0.00	35.86 0.46 0.00	36.00 0.46 0.00	38.55 0.49 0.00	43.09 0.72 0.00	45.23 0.49 0.00	45.42 0.27 0.00	45.41 0.14 0.00	45.70 0.23 0.00	51.53 0.21 0.00	52.19 0.10 0.00	59.91 0.00 0.00	62.93 -0.13 0.00	65.30 -0.79 0.00	73.84 -1.51 0.00	74.93 -3.04 -0.02	73.41 -2.66 0.00	71.97 -1.02 0.00	67.32 -0.13 0.00	60.38 0.54 0.00	53.10 0.53 0.00	48.73 0.48 0.00
MARSHVLE_115KV_TB1 80742	48.90 2.33 0.00	45.40 2.04 0.00	40.97 1.80 0.00	36.96 1.56 0.00	37.18 1.63 0.00	39.88 1.83 0.00	44.36 1.99 0.00	46.17 1.43 0.00	45.69 0.54 0.00	45.18 -0.09 0.00	44.77 -0.59 0.12	50.31 -0.77 0.25	51.01 -0.83 0.24	58.71 -0.78 0.42	61.97 -0.50 0.59	65.64 0.26 0.72	77.18 1.88 0.05	81.92 3.98 0.00	81.63 5.55 0.00	78.83 5.84 0.00	72.24 4.79 0.00	63.43 3.59 0.00	55.46 2.89 0.00	50.66 2.41 0.00
MARSH_HILL_WT_PWR 323713	47.17 0.60 0.00	44.36 1.00 0.00	39.48 0.31 0.00	35.44 0.04 0.00	35.72 0.18 0.00	38.17 0.11 0.00	42.71 0.34 0.00	45.10 0.36 0.00	44.83 -0.31 0.00	45.50 0.23 0.00	46.47 1.00 0.00	52.82 1.49 0.00	54.58 2.50 0.00	63.21 3.29 0.00	66.65 3.59 0.00	70.91 4.82 0.00	81.90 6.55 0.00	86.05 8.11 0.00	83.99 7.91 0.00	79.19 6.20 0.00	72.78 5.33 0.00	63.91 4.07 0.00	55.78 3.21 0.00	51.24 2.99 0.00
MCINTYRE_115KV_TB2 80467	48.52 1.96 0.00	45.31 1.95 0.00	40.97 1.80 0.00	36.89 1.49 0.00	37.03 1.49 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.31 1.57 0.00	46.05 0.90 0.00	45.64 0.36 0.00	45.52 0.05 0.00	51.53 0.21 0.00	52.08 0.00 0.00	59.73 -0.18 0.00	62.74 -0.32 0.00	65.03 -1.06 0.00	73.54 -1.81 0.00	72.45 -4.52 0.97	72.88 -3.20 0.00	71.17 -1.82 0.00	69.14 1.69 0.00	62.35 2.51 0.00	54.83 2.26 0.00	50.32 2.07 0.00
MECO_____69_KV_BK1 80468	49.64 3.07 0.00	46.05 2.69 0.00	41.52 2.35 0.00	37.49 2.09 0.00	37.71 2.17 0.00	40.45 2.40 0.00	45.04 2.67 0.00	47.02 2.28 0.00	46.59 1.44 0.00	45.86 0.59 0.00	45.30 -0.05 0.13	50.75 -0.31 0.27	51.40 -0.42 0.27	59.21 -0.24 0.47	62.60 0.19 0.65	66.49 1.19 0.80	78.46 3.16 0.06	83.63 5.69 0.00	83.23 7.15 0.00	80.15 7.15 0.00	73.32 5.87 0.00	64.33 4.49 0.00	56.25 3.68 0.00	51.39 3.14 0.00
MENANDS___115KV_TB5 355628	46.61 0.05 0.00	43.27 -0.09 0.00	39.25 0.08 0.00	35.58 0.18 0.00	35.75 0.21 0.00	38.21 0.15 0.00	42.45 0.08 0.00	44.87 0.13 0.00	45.28 0.14 0.00	45.28 0.00 0.00	45.14 -0.14 0.19	50.46 -0.46 0.41	51.21 -0.47 0.40	58.56 -0.66 0.70	61.53 -0.57 0.96	64.57 -0.33 1.19	75.56 0.30 0.08	79.19 1.25 0.00	77.37 1.29 0.00	73.58 0.58 0.00	67.19 -0.27 0.00	59.18 -0.66 0.00	52.10 -0.47 0.00	47.82 -0.43 0.00
MG INDUSTRY___DRP 24185	45.78 -0.79 0.00	42.54 -0.82 0.00	38.58 -0.59 0.00	34.95 -0.46 0.00	35.11 -0.43 0.00	37.52 -0.53 0.00	41.65 -0.72 0.00	43.89 -0.85 0.00	44.15 -0.99 0.00	44.10 -1.18 0.00	44.05 -1.32 0.11	49.31 -1.80 0.22	50.04 -1.82 0.22	57.31 -2.22 0.38	60.32 -2.21 0.53	63.39 -2.05 0.65	73.49 -1.81 0.05	76.93 -1.01 0.00	75.32 -0.76 0.00	71.90 -1.09 0.00	65.84 -1.62 0.00	58.10 -1.74 0.00	51.15 -1.42 0.00	46.95 -1.30 0.00

MID___OSWEGATCHIE_HYD 23849	47.92 1.35 0.00	44.84 1.47 0.00	40.46 1.29 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.81 1.44 0.00	46.04 1.30 0.00	45.91 0.77 0.00	45.59 0.32 0.00	45.52 0.05 0.00	51.58 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.89 -0.20 0.00	75.05 -0.30 0.00	76.11 -1.25 0.58	75.70 -0.38 0.00	73.21 0.22 0.00	69.48 2.02 0.00	62.23 2.39 0.00	54.57 2.00 0.00	49.99 1.74 0.00
MID___RAQUETTE_HYD 23851	47.50 0.93 0.00	44.49 1.13 0.00	40.19 1.02 0.00	36.26 0.85 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.51 1.14 0.00	45.68 0.94 0.00	45.51 0.36 0.00	45.05 -0.23 0.00	45.07 -0.41 0.00	50.87 -0.46 0.00	51.46 -0.62 0.00	58.78 -1.14 0.00	61.80 -1.26 0.00	64.04 -2.05 0.00	72.41 -2.94 0.00	71.39 -5.69 0.86	71.29 -4.79 0.00	69.20 -3.80 0.00	67.25 -0.20 0.00	60.74 0.90 0.00	53.62 1.05 0.00	49.26 1.01 0.00
MILLIKEN___1 23584	47.45 0.88 0.00	44.19 0.82 0.00	39.68 0.51 0.00	35.76 0.35 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.96 0.59 0.00	45.41 0.67 0.00	45.69 0.54 0.00	45.77 0.50 0.00	46.11 0.64 0.00	52.35 1.03 0.00	53.23 1.15 0.00	61.53 1.62 0.00	64.82 1.77 0.00	68.54 2.45 0.00	78.74 3.39 0.00	82.62 4.68 0.00	80.80 4.72 0.00	77.23 4.23 0.00	70.69 3.24 0.00	62.29 2.45 0.00	54.46 1.89 0.00	49.84 1.59 0.00
MILLIKEN___2 23585	47.45 0.88 0.00	44.19 0.82 0.00	39.68 0.51 0.00	35.76 0.35 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.96 0.59 0.00	45.41 0.67 0.00	45.69 0.54 0.00	45.77 0.50 0.00	46.11 0.64 0.00	52.35 1.03 0.00	53.23 1.15 0.00	61.53 1.62 0.00	64.82 1.77 0.00	68.54 2.45 0.00	78.74 3.39 0.00	82.62 4.68 0.00	80.80 4.72 0.00	77.23 4.23 0.00	70.69 3.24 0.00	62.29 2.45 0.00	54.46 1.89 0.00	49.84 1.59 0.00
MILLIKEN___DIESEL 23629	47.45 0.88 0.00	44.19 0.82 0.00	39.68 0.51 0.00	35.76 0.35 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.96 0.59 0.00	45.41 0.67 0.00	45.69 0.54 0.00	45.77 0.50 0.00	46.11 0.64 0.00	52.35 1.03 0.00	53.23 1.15 0.00	61.53 1.62 0.00	64.82 1.77 0.00	68.54 2.45 0.00	78.74 3.39 0.00	82.62 4.68 0.00	80.80 4.72 0.00	77.23 4.23 0.00	70.69 3.24 0.00	62.29 2.45 0.00	54.46 1.89 0.00	49.84 1.59 0.00
MILLSEAT___LFGE 323607	47.08 0.51 0.00	44.40 1.04 0.00	39.09 -0.08 0.00	35.16 -0.25 0.00	35.40 -0.14 0.00	37.67 -0.38 0.00	42.03 -0.34 0.00	44.47 -0.27 0.00	44.42 -0.72 0.00	45.50 0.23 0.00	46.70 1.23 0.00	53.23 1.90 0.00	55.31 3.23 0.00	63.93 4.01 0.00	67.22 4.16 0.00	71.64 5.55 0.00	82.81 7.46 0.00	86.75 8.80 0.00	84.07 7.99 0.00	78.76 5.77 0.00	72.52 5.06 0.00	63.79 3.95 0.00	55.83 3.26 0.00	51.48 3.23 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.97 1.40 0.00	44.62 1.26 0.00	40.30 1.14 0.00	36.54 1.13 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.77 1.40 0.00	46.26 1.52 0.00	47.04 1.90 0.00	47.40 2.13 0.00	47.83 2.14 -0.22	53.64 1.85 -0.46	54.47 1.93 -0.46	62.57 1.86 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.35	78.91 3.47 -0.10	82.38 4.44 0.00	79.96 3.88 0.00	75.47 2.48 0.00	68.40 0.94 0.00	60.14 0.30 0.00	53.10 0.53 0.00	48.78 0.53 0.00
MILLWOOD_13_KV_LOAD 356217	48.10 1.54 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.31 1.57 0.00	47.13 1.99 0.00	47.49 2.22 -0.22	47.97 2.27 -0.46	53.79 2.00 -0.46	54.62 2.08 -0.79	62.81 2.10 -1.10	66.36 2.21 -1.35	70.02 2.58 -0.10	79.21 3.77 0.00	82.77 4.83 0.00	80.26 4.18 0.00	75.77 2.77 0.00	68.60 1.15 0.00	60.38 0.54 0.00	53.25 0.68 0.00	48.93 0.68 0.00
MODEL_CITY_ENERGY 24167	45.78 -0.79 0.00	43.40 0.04 0.00	37.95 -1.21 0.00	34.31 -1.10 0.00	34.55 -0.99 0.00	36.72 -1.33 0.00	40.85 -1.52 0.00	43.13 -1.61 0.00	43.07 -2.08 0.00	44.37 -0.91 0.00	45.61 0.14 0.00	51.95 0.62 0.00	54.11 2.03 0.00	62.25 2.33 0.00	65.39 2.33 0.00	69.72 3.63 0.00	80.40 5.05 0.00	84.03 6.08 0.00	81.32 5.25 0.00	75.99 2.99 0.00	69.95 2.50 0.00	61.70 1.86 0.00	54.09 1.53 0.00	50.28 2.03 0.00
MODERN_LFGE___ 323580	45.78 -0.79 0.00	43.40 0.04 0.00	37.95 -1.21 0.00	34.31 -1.10 0.00	34.55 -0.99 0.00	36.72 -1.33 0.00	40.85 -1.52 0.00	43.13 -1.61 0.00	43.07 -2.08 0.00	44.37 -0.91 0.00	45.61 0.14 0.00	51.95 0.62 0.00	54.11 2.03 0.00	62.25 2.33 0.00	65.39 2.33 0.00	69.72 3.63 0.00	80.40 5.05 0.00	84.03 6.08 0.00	81.32 5.25 0.00	75.99 2.99 0.00	69.95 2.50 0.00	61.70 1.86 0.00	54.09 1.53 0.00	50.28 2.03 0.00
MOHAWK_PAPER___DRP 24187	46.99 0.42 0.00	43.62 0.26 0.00	39.52 0.35 0.00	35.83 0.42 0.00	35.97 0.43 0.00	38.47 0.42 0.00	42.75 0.38 0.00	45.19 0.45 0.00	45.60 0.45 0.00	45.59 0.32 0.00	45.42 0.14 0.19	50.77 -0.15 0.41	51.52 -0.16 0.40	58.97 -0.24 0.70	61.96 -0.13 0.97	65.10 0.20 1.19	76.24 0.98 0.08	79.89 1.95 0.00	78.13 2.05 0.00	74.31 1.31 0.00	67.86 0.40 0.00	59.78 -0.06 0.00	52.57 0.00 0.00	48.20 -0.05 0.00
MOHICAN___35_KV_115KV_LD 80490	48.24 1.68 0.00	44.71 1.34 0.00	40.46 1.29 0.00	36.61 1.20 0.00	36.78 1.24 0.00	39.42 1.37 0.00	43.77 1.40 0.00	46.17 1.43 0.00	46.41 1.26 0.00	46.14 0.86 0.20	45.50 0.23 0.42	50.91 0.00 0.41	51.67 0.00 0.71	59.26 0.06 0.71	62.51 0.44 0.99	66.07 1.19 1.22	77.75 2.49 0.09	81.92 3.98 0.00	81.02 4.95 0.00	77.30 4.31 0.00	70.69 3.24 0.00	62.11 2.27 0.00	54.41 1.84 0.00	49.75 1.50 0.00
MONGAUP___HYD 23641	48.48 1.91 0.00	45.01 1.65 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.82 1.28 0.00	39.42 1.37 0.00	43.98 1.61 0.00	46.35 1.61 0.00	46.95 1.81 0.00	47.04 1.76 0.00	47.34 1.68 -0.18	53.41 1.69 -0.39	54.13 1.67 -0.38	62.32 1.74 -0.67	65.93 1.96 -0.92	69.80 2.58 -1.13	79.34 3.92 -0.08	83.01 5.06 0.00	81.10 5.02 0.00	76.79 3.79 0.00	69.95 2.50 0.00	61.51 1.67 0.00	54.15 1.58 0.00	49.70 1.45 0.00
MONTAUK___DIESEL 23721	50.47 3.91 0.01	48.49 5.12 -0.01	46.77 4.39 -3.21	39.24 3.82 -0.01	39.10 3.55 -0.01	41.83 3.77 -0.01	45.77 3.39 -0.01	46.89 2.15 0.00	47.63 2.48 0.00	48.08 2.81 0.00	49.56 3.87 -0.22	56.31 4.52 -0.47	58.33 5.78 -0.47	67.61 6.17 -1.52	70.80 6.62 -1.12	116.80 7.27 -43.44	123.66 9.57 -38.75	126.32 10.99 -37.39	120.43 9.89 -34.46	80.88 7.88 -0.01	71.44 3.98 0.00	62.65 2.81 0.00	53.31 2.10 1.36	47.29 2.07 3.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.83 1.26 0.00	44.92 1.56 0.00	39.60 0.43 0.00	35.55 0.14 0.00	35.79 0.25 0.00	38.24 0.19 0.00	43.05 0.68 0.00	45.59 0.85 0.00	45.91 0.77 0.00	46.86 1.58 0.00	48.11 2.64 0.00	55.85 4.52 0.00	57.50 5.42 0.00	66.14 6.23 0.00	69.43 6.37 0.00	74.09 8.00 0.00	85.44 10.10 0.00	89.56 11.61 0.00	87.03 10.96 0.00	82.33 9.34 0.00	74.27 6.81 0.00	65.22 5.39 0.00	56.77 4.21 0.00	52.50 4.25 0.00

MORRIS_RIDGE___SOLAR 323848	46.57 0.00 0.00	43.88 0.52 0.00	38.97 -0.19 0.00	35.02 -0.39 0.00	35.26 -0.29 0.00	37.64 -0.42 0.00	42.03 -0.34 0.00	44.34 -0.40 0.00	44.06 -1.08 0.00	44.87 -0.41 0.00	45.88 0.41 0.00	52.20 0.87 0.00	54.06 1.98 0.00	62.43 2.52 0.00	65.77 2.71 0.00	69.99 3.90 0.00	80.84 5.50 0.00	84.72 6.78 0.00	82.54 6.46 0.00	77.88 4.89 0.00	71.57 4.12 0.00	62.95 3.11 0.00	54.99 2.42 0.00	50.61 2.36 0.00
MORTIMER_115KV_TB3 55949	46.99 0.42 0.00	44.01 0.65 0.00	39.13 -0.04 0.00	35.09 -0.32 0.00	35.29 -0.25 0.00	37.60 -0.46 0.00	42.16 -0.21 0.00	44.70 -0.04 0.00	45.15 0.00 0.00	45.64 0.36 0.00	46.34 0.86 0.00	53.43 2.10 0.00	54.58 2.50 0.00	63.15 3.24 0.00	66.40 3.34 0.00	70.19 4.10 0.00	80.55 5.20 0.00	84.49 6.55 0.00	81.86 5.78 0.00	78.03 5.04 0.00	71.17 3.71 0.00	62.59 2.75 0.00	54.78 2.21 0.00	50.32 2.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.62 1.88 0.00	47.54 2.39 0.00	47.96 2.67 -0.01	48.38 2.68 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.37 2.21 -1.11	70.04 2.58 -1.37	79.29 3.84 -0.10	82.77 4.83 0.00	80.26 4.18 0.00	75.62 2.63 0.00	68.40 0.94 0.00	60.26 0.42 0.00	53.25 0.68 0.00	49.07 0.82 0.00
MUNSVILLE_WIND_PWR 323609	50.20 3.63 0.00	46.75 3.38 0.00	41.99 2.82 0.00	37.74 2.34 0.00	37.96 2.42 0.00	40.68 2.62 0.00	45.50 3.14 0.00	48.05 3.31 0.00	47.86 2.71 0.00	47.72 2.44 0.00	47.70 2.23 0.00	54.56 3.24 0.00	55.47 3.38 0.00	64.65 4.73 0.00	68.16 5.11 0.00	72.50 6.41 0.00	83.93 8.59 0.00	88.39 10.45 0.00	87.11 11.03 0.00	82.84 9.85 0.00	76.09 8.64 0.00	66.90 7.06 0.00	58.09 5.52 0.00	53.03 4.78 0.00
N SALMON___HYD 24042	47.78 1.21 0.00	44.62 1.26 0.00	40.31 1.14 0.00	36.36 0.96 0.00	36.53 0.99 0.00	39.12 1.06 0.00	43.77 1.40 0.00	45.99 1.25 0.00	46.10 0.95 0.00	45.96 0.68 0.00	46.06 0.59 0.00	52.10 0.77 0.00	52.71 0.63 0.00	60.51 0.60 0.00	63.56 0.50 0.00	65.96 -0.13 0.00	74.67 -0.68 0.00	75.26 -2.42 0.26	74.18 -1.90 0.00	73.07 0.07 0.00	68.53 1.08 0.00	61.51 1.67 0.00	54.09 1.53 0.00	49.60 1.35 0.00
N.AKRON__115KV_KNAPP 355671	47.27 0.70 0.00	44.53 1.17 0.00	39.29 0.12 0.00	35.12 -0.28 0.00	35.33 -0.21 0.00	37.60 -0.46 0.00	42.16 -0.21 0.00	44.52 -0.22 0.00	44.92 -0.23 0.00	45.64 0.36 0.00	46.66 1.18 0.00	54.20 2.87 0.00	55.52 3.44 0.00	63.99 4.07 0.00	67.09 4.04 0.00	71.45 5.35 0.00	82.20 6.86 0.00	86.59 8.65 0.00	83.84 7.76 0.00	79.71 6.72 0.00	72.31 4.86 0.00	63.67 3.83 0.00	55.67 3.10 0.00	51.58 3.33 0.00
N.E_GEN_SANDY PD 24062	47.31 0.74 0.00	43.88 0.52 0.00	39.79 0.62 0.00	36.11 0.71 0.00	36.21 0.67 0.00	38.78 0.72 0.00	42.86 0.80 0.31	45.94 0.89 -0.31	46.23 1.08 0.00	46.23 0.95 0.00	44.80 0.77 1.45	48.90 0.62 3.05	49.55 0.47 3.00	55.00 0.30 5.21	56.10 0.25 7.21	60.81 0.53 5.81	73.00 1.36 3.70	80.51 2.57 0.00	78.51 2.43 0.00	74.31 1.32 0.00	67.73 0.27 0.00	59.66 -0.18 0.00	53.67 0.00 -1.10	47.10 -0.05 1.10
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.87 1.30 0.00	44.53 1.17 0.00	40.23 1.06 0.00	36.47 1.06 0.00	36.57 1.03 0.00	39.20 1.14 0.00	43.68 1.31 0.00	46.17 1.43 0.00	46.95 1.81 0.00	47.31 2.04 -0.21	47.77 2.09 -0.44	53.61 1.85 -0.44	54.44 1.93 -0.43	62.64 1.98 -0.75	66.18 2.08 -1.04	69.82 2.45 -1.28	79.05 3.62 -0.09	82.54 4.60 0.00	80.19 4.11 0.00	75.69 2.70 0.00	68.47 1.01 0.00	60.20 0.36 0.00	53.10 0.53 0.00	48.78 0.53 0.00
N.QUEENS_27_KV_LOAD 356247	48.90 2.33 0.00	45.36 1.99 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.92 1.86 0.00	44.49 2.12 0.00	47.07 2.33 0.00	47.99 2.84 0.00	48.27 2.99 -0.01	48.79 3.09 -0.22	54.47 2.67 -0.48	55.04 2.50 -0.46	62.74 2.04 -0.79	66.11 1.95 -1.10	69.76 2.31 -1.36	78.98 3.54 -0.09	82.53 4.60 0.01	79.88 3.80 0.01	75.32 2.34 0.01	68.12 0.67 0.01	60.07 0.24 0.01	53.31 0.74 -0.01	49.55 1.30 0.00
N.TROY___115KV_TB1 355778	47.41 0.84 0.00	44.01 0.65 0.00	39.91 0.74 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.22 0.85 0.00	45.64 0.89 0.00	46.05 0.90 0.00	45.67 0.72 0.00	45.67 0.45 0.26	50.98 0.21 0.55	51.75 0.21 0.54	59.15 0.18 0.94	62.07 0.32 1.30	65.15 0.66 1.60	76.74 1.51 0.11	80.67 2.73 0.00	78.89 2.81 0.00	75.04 2.04 0.00	68.60 1.15 0.00	60.44 0.60 0.00	53.15 0.58 0.00	48.68 0.43 0.00
NARROWS_GT1_1 24228	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT1_2 24229	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT1_3 24230	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT1_4 24231	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT1_5 24232	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01

NARROWS_GT1_6 24233	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT1_7 24234	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT1_8 24235	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_1 24236	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_2 24237	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_3 24238	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_4 24239	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_5 24240	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_6 24241	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_7 24242	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NARROWS_GT2_8 24243	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.96 2.51 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.22 0.65 0.00	43.80 0.43 0.00	39.60 0.43 0.00	35.87 0.46 0.00	36.00 0.46 0.00	38.47 0.42 0.00	42.75 0.38 0.00	44.96 0.22 0.00	45.01 -0.14 0.00	44.82 -0.45 0.00	45.22 -0.18 0.07	50.71 -0.46 0.15	51.57 -0.36 0.15	59.29 -0.36 0.26	62.50 -0.19 0.37	65.91 0.26 0.45	75.47 0.15 0.03	79.50 1.56 0.00	78.29 2.21 0.00	74.67 1.68 0.00	68.33 0.88 0.00	60.20 0.36 0.00	52.94 0.37 0.00	48.49 0.24 0.00
NCHELSEA_115KV_TR2 355582	48.38 1.82 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.86 1.32 0.00	39.46 1.41 0.00	44.02 1.65 0.00	46.49 1.74 0.00	47.22 2.08 0.00	47.49 2.22 0.00	47.88 2.23 -0.18	53.80 2.10 -0.37	54.69 2.24 -0.37	63.01 2.46 -0.63	66.52 2.59 -0.88	70.28 3.11 -1.08	79.72 4.29 -0.08	83.40 5.46 0.00	81.10 5.02 0.00	76.57 3.58 0.00	69.48 2.02 0.00	61.10 1.26 0.00	53.83 1.26 0.00	49.41 1.16 0.00
NEG CAPITAL___MECHNVIL 23645	48.29 1.72 0.00	44.79 1.43 0.00	40.54 1.37 0.00	36.68 1.27 0.00	36.82 1.28 0.00	39.42 1.37 0.00	43.85 1.48 0.00	46.31 1.57 0.00	46.63 1.49 0.00	46.50 1.22 0.00	46.11 0.86 0.22	51.68 0.82 0.47	52.40 0.78 0.46	60.01 0.90 0.81	63.14 1.20 1.11	66.57 1.85 1.37	78.27 3.02 0.10	82.30 4.36 0.00	80.80 4.72 0.00	76.79 3.79 0.00	70.29 2.83 0.00	61.87 2.04 0.00	54.25 1.68 0.00	49.70 1.45 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.87 -0.70 0.00	42.93 -0.43 0.00	38.39 -0.78 0.00	34.45 -0.95 0.00	34.62 -0.92 0.00	36.95 -1.10 0.00	41.27 -1.10 0.00	43.85 -0.89 0.00	44.02 -1.13 0.00	44.64 -0.63 0.00	45.34 -0.14 0.00	51.59 0.26 0.00	53.02 0.94 0.00	61.47 1.56 0.00	64.76 1.70 0.00	68.67 2.58 0.00	78.96 3.62 0.00	82.70 4.76 0.00	80.18 4.11 0.00	75.69 2.70 0.00	69.68 2.22 0.00	61.33 1.50 0.00	53.68 1.11 0.00	49.12 0.87 0.00

NEG CENTRAL___DRP 24199	46.99 0.42 0.00	43.84 0.48 0.00	39.25 0.08 0.00	35.30 -0.11 0.00	35.51 -0.04 0.00	37.98 -0.08 0.00	42.50 0.13 0.00	45.01 0.27 0.00	45.28 0.14 0.00	45.55 0.27 0.00	46.02 0.55 0.00	52.35 1.03 0.00	53.33 1.25 0.00	61.71 1.80 0.00	65.01 1.95 0.00	68.74 2.64 0.00	78.96 3.62 0.00	82.91 4.99 0.02	80.87 4.79 0.00	77.15 4.16 0.00	70.49 3.04 0.00	61.99 2.15 0.00	54.20 1.63 0.00	49.65 1.40 0.00
NEG CENTRAL___INDECK 23768	47.03 0.47 0.00	44.05 0.69 0.00	39.21 0.04 0.00	35.16 -0.25 0.00	35.36 -0.18 0.00	37.79 -0.26 0.00	42.24 -0.13 0.00	44.47 -0.27 0.00	44.06 -1.08 0.00	44.60 -0.68 0.00	45.38 -0.09 0.00	51.59 0.26 0.00	53.23 1.14 0.00	61.71 1.80 0.00	65.14 2.08 0.00	69.07 2.98 0.00	79.79 4.44 0.00	84.25 6.31 0.00	82.70 6.62 0.00	78.69 5.70 0.00	72.65 5.19 0.00	63.91 4.07 0.00	55.78 3.21 0.00	52.54 4.29 0.00
NEG CENTRAL___SENECA 23627	47.31 0.75 0.00	44.14 0.78 0.00	39.44 0.27 0.00	35.44 0.04 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.75 0.38 0.00	45.23 0.49 0.00	45.51 0.36 0.00	45.77 0.50 0.00	46.34 0.86 0.00	52.87 1.54 0.00	53.85 1.77 0.00	62.43 2.52 0.00	65.71 2.65 0.00	69.66 3.57 0.00	80.09 4.75 0.00	84.25 6.31 0.00	82.17 6.09 0.00	78.39 5.40 0.00	71.44 3.98 0.00	62.77 2.93 0.00	54.83 2.26 0.00	50.23 1.98 0.00
NEG CENTRAL___STATE_STREET 24147	46.89 0.33 0.00	43.71 0.35 0.00	39.21 0.04 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.98 -0.08 0.00	42.45 0.08 0.00	44.96 0.22 0.00	45.28 0.14 0.00	45.46 0.18 0.00	45.79 0.32 0.00	52.05 0.72 0.00	52.92 0.83 0.00	61.23 1.32 0.00	64.44 1.39 0.00	68.14 2.05 0.00	78.14 2.79 0.00	81.90 3.98 0.02	79.88 3.80 0.00	76.28 3.28 0.00	69.82 2.36 0.00	61.57 1.74 0.00	53.83 1.26 0.00	49.26 1.01 0.00
NEG MILLWOOD___DRP 24198	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.79 1.38 0.00	36.89 1.35 0.00	39.50 1.45 0.00	44.06 1.69 0.00	46.53 1.79 0.00	47.36 2.21 0.00	47.58 2.31 0.00	48.13 2.46 -0.20	54.05 2.31 -0.41	54.99 2.50 -0.41	63.32 2.70 -0.71	66.94 2.90 -0.98	70.67 3.37 -1.21	80.03 4.60 -0.09	83.79 5.85 0.00	81.25 5.17 0.00	76.64 3.65 0.00	69.55 2.09 0.00	61.15 1.32 0.00	53.88 1.31 0.00	49.46 1.21 0.00
NEG NORTH_FLCN_SEA 23793	47.03 0.47 0.00	44.14 0.78 0.00	39.87 0.71 0.00	36.04 0.64 0.00	36.18 0.64 0.00	38.78 0.72 0.00	43.34 0.97 0.00	45.28 0.54 0.00	45.46 0.32 0.00	45.46 0.18 0.00	45.88 0.41 0.00	51.58 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.43 -0.66 0.00	73.99 -1.36 0.00	75.06 -2.88 0.00	73.64 -2.43 0.00	71.24 -1.75 0.00	67.46 0.00 0.00	60.50 0.66 0.00	53.15 0.58 0.00	48.83 0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	47.17 0.61 0.00	43.97 0.61 0.00	39.76 0.59 0.00	35.94 0.53 0.00	36.07 0.53 0.00	38.62 0.57 0.00	43.17 0.81 0.00	45.28 0.54 0.00	45.46 0.32 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.48 0.15 0.00	52.13 0.05 0.00	59.85 -0.06 0.00	62.87 -0.19 0.00	65.30 -0.79 0.00	73.69 -1.66 0.00	74.69 -3.20 0.06	73.42 -2.66 0.00	71.17 -1.82 0.00	67.52 0.07 0.00	60.56 0.72 0.00	53.25 0.68 0.00	48.88 0.63 0.00
NEG NORTH___ALICE_FALLS 23915	47.45 0.88 0.00	44.40 1.04 0.00	40.15 0.98 0.00	36.22 0.81 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.60 1.23 0.00	45.64 0.89 0.00	45.82 0.68 0.00	45.77 0.50 0.00	46.07 0.59 0.00	51.94 0.62 0.00	52.55 0.47 0.00	60.39 0.48 0.00	63.50 0.44 0.00	65.96 -0.13 0.00	74.67 -0.68 0.00	75.84 -2.10 0.00	74.41 -1.67 0.00	72.04 -0.95 0.00	68.20 0.74 0.00	61.10 1.26 0.00	53.67 1.10 0.00	49.26 1.01 0.00
NEG NORTH___LWR_SARANAC 23913	47.45 0.88 0.00	44.40 1.04 0.00	40.15 0.98 0.00	36.22 0.81 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.60 1.23 0.00	45.64 0.89 0.00	45.82 0.68 0.00	45.77 0.50 0.00	46.07 0.59 0.00	51.94 0.62 0.00	52.55 0.47 0.00	60.39 0.48 0.00	63.50 0.44 0.00	65.96 -0.13 0.00	74.67 -0.68 0.00	75.84 -2.10 0.00	74.41 -1.67 0.00	72.04 -0.95 0.00	68.20 0.74 0.00	61.10 1.26 0.00	53.67 1.10 0.00	49.26 1.01 0.00
NEG NORTH___PLATTSBURG 23628	47.45 0.88 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.22 0.81 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.60 1.23 0.00	45.64 0.89 0.00	45.82 0.68 0.00	45.77 0.50 0.00	46.06 0.59 0.00	51.95 0.62 0.00	52.55 0.47 0.00	60.39 0.48 0.00	63.50 0.44 0.00	65.89 -0.20 0.00	74.67 -0.68 0.00	75.84 -2.10 0.00	74.41 -1.67 0.00	72.92 -0.07 0.00	68.20 0.74 0.00	61.10 1.26 0.00	53.68 1.11 0.00	49.26 1.01 0.00
NEG WEST_LEA_LOCKPORT 23791	46.24 -0.33 0.00	43.71 0.35 0.00	38.46 -0.71 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.84 -1.22 0.00	41.27 -1.10 0.00	43.53 -1.21 0.00	43.97 -1.17 0.00	44.82 -0.45 0.00	45.88 0.41 0.00	53.38 2.05 0.00	54.63 2.55 0.00	62.73 2.82 0.00	65.71 2.65 0.00	69.99 3.90 0.00	80.40 5.05 0.00	84.49 6.55 0.00	81.79 5.71 0.00	77.59 4.60 0.00	70.36 2.90 0.00	62.05 2.21 0.00	54.41 1.84 0.00	50.52 2.27 0.00
NEG WEST___LANCASTR 23811	46.24 -0.33 0.00	43.49 0.13 0.00	38.39 -0.78 0.00	34.45 -0.96 0.00	34.69 -0.85 0.00	36.99 -1.07 0.00	41.52 -0.85 0.00	43.98 -0.76 0.00	44.42 -0.72 0.00	45.23 -0.05 0.00	46.34 0.86 0.00	53.79 2.46 0.00	55.26 3.18 0.00	63.63 3.71 0.00	66.84 3.78 0.00	71.25 5.16 0.00	82.05 6.71 0.00	86.05 8.11 0.00	83.54 7.46 0.00	79.05 6.06 0.00	71.30 3.84 0.00	62.59 2.75 0.00	54.62 2.05 0.00	50.57 2.32 0.00
NEG_PENN_ALLEGHNY 23528	46.90 0.33 0.00	43.79 0.43 0.00	39.37 0.20 0.00	35.51 0.11 0.00	35.68 0.14 0.00	38.21 0.15 0.00	42.58 0.21 0.00	45.06 0.32 0.00	45.37 0.23 0.00	45.73 0.45 0.00	46.25 0.77 0.00	52.35 1.03 0.00	53.43 1.35 0.00	61.77 1.86 0.00	65.07 2.02 0.00	68.80 2.71 0.00	79.04 3.69 0.00	82.62 4.68 0.00	80.49 4.41 0.00	76.20 3.21 0.00	69.95 2.50 0.00	61.57 1.74 0.00	53.93 1.36 0.00	49.41 1.16 0.00
NEG___GEN_MONROE 24207	47.45 0.88 0.00	44.45 1.08 0.00	39.44 0.27 0.00	35.30 -0.11 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.41 0.04 0.00	44.87 0.13 0.00	45.24 0.09 0.00	45.64 0.36 0.00	46.43 0.95 0.00	53.54 2.21 0.00	54.63 2.55 0.00	63.21 3.30 0.00	66.46 3.41 0.00	70.32 4.23 0.00	80.77 5.43 0.00	84.88 6.94 0.00	82.32 6.24 0.00	78.54 5.55 0.00	71.57 4.11 0.00	62.89 3.05 0.00	55.04 2.47 0.00	50.66 2.41 0.00
NEPA___ENERGY 23901	46.80 0.23 0.00	44.01 0.65 0.00	38.89 -0.27 0.00	34.91 -0.50 0.00	35.19 -0.36 0.00	37.52 -0.53 0.00	42.12 -0.25 0.00	44.61 -0.13 0.00	45.06 -0.09 0.00	45.86 0.59 0.00	46.98 1.50 0.00	54.46 3.13 0.00	55.94 3.85 0.00	64.41 4.49 0.00	67.66 4.60 0.00	72.04 5.95 0.00	82.88 7.53 0.00	86.98 9.04 0.00	84.45 8.37 0.00	80.07 7.08 0.00	72.18 4.72 0.00	63.31 3.47 0.00	55.25 2.68 0.00	51.10 2.85 0.00

NEVERSINK___HYD 23608	48.29 1.72 0.00	44.84 1.48 0.00	40.42 1.25 0.00	36.57 1.17 0.00	36.64 1.10 0.00	39.27 1.22 0.00	43.81 1.44 0.00	46.26 1.52 0.00	47.00 1.85 0.00	47.18 1.90 0.00	47.48 1.87 -0.14	53.68 2.06 -0.29	54.40 2.03 -0.29	62.69 2.28 -0.50	66.15 2.40 -0.70	69.93 2.98 -0.86	79.70 4.29 -0.06	83.40 5.45 0.00	81.32 5.25 0.00	76.86 3.87 0.00	69.88 2.42 0.00	61.39 1.55 0.00	53.99 1.42 0.00	49.55 1.30 0.00
NEWKRMKL_115KV_TB1 55635	46.38 -0.19 0.00	43.10 -0.26 0.00	39.05 -0.12 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.02 -0.04 0.00	42.20 -0.17 0.00	44.61 -0.13 0.00	45.06 -0.09 0.00	45.00 -0.27 0.00	44.89 -0.41 0.17	50.20 -0.77 0.36	51.00 -0.73 0.36	58.39 -0.90 0.62	61.31 -0.88 0.86	64.44 -0.59 1.06	75.27 0.00 0.07	78.80 0.86 0.00	76.99 0.91 0.00	73.21 0.22 0.00	66.85 -0.61 0.00	58.94 -0.90 0.00	51.83 -0.74 0.00	47.57 -0.68 0.00
NEWTON___FALLS_HYD 23847	47.92 1.35 0.00	44.84 1.47 0.00	40.46 1.29 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.81 1.44 0.00	46.04 1.30 0.00	45.91 0.77 0.00	45.59 0.32 0.00	45.52 0.05 0.00	51.58 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	62.99 -0.06 0.00	65.89 -0.20 0.00	75.05 -0.30 0.00	76.11 -1.25 0.58	75.70 -0.38 0.00	73.21 0.22 0.00	69.48 2.02 0.00	62.23 2.39 0.00	54.57 2.00 0.00	49.99 1.74 0.00
NGRID_A1_DSASP 323792	45.03 -1.54 0.00	42.71 -0.65 0.00	38.19 -0.98 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.25 -2.12 0.00	42.86 -1.88 0.00	42.80 -2.35 0.00	44.15 -1.13 0.00	45.38 -0.09 0.00	51.74 0.41 0.00	53.90 1.82 0.00	61.89 1.97 0.00	65.01 1.96 0.00	69.33 3.24 0.00	79.79 4.44 0.00	83.48 5.53 0.00	80.64 4.56 0.00	75.33 2.34 0.00	69.34 1.89 0.00	61.27 1.43 0.00	53.78 1.21 0.00	49.55 1.30 0.00
NGRID_A2_DSASP 323793	45.03 -1.54 0.00	42.71 -0.65 0.00	38.19 -0.98 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.25 -2.12 0.00	42.86 -1.88 0.00	42.80 -2.35 0.00	44.15 -1.13 0.00	45.38 -0.09 0.00	51.74 0.41 0.00	53.90 1.82 0.00	61.89 1.97 0.00	65.01 1.96 0.00	69.33 3.24 0.00	79.79 4.44 0.00	83.48 5.53 0.00	80.64 4.56 0.00	75.33 2.34 0.00	69.34 1.89 0.00	61.27 1.43 0.00	53.78 1.21 0.00	49.55 1.30 0.00
NGRID_A4_DSASP 323807	45.03 -1.54 0.00	42.71 -0.65 0.00	38.19 -0.98 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.25 -2.12 0.00	42.86 -1.88 0.00	42.80 -2.35 0.00	44.15 -1.13 0.00	45.38 -0.09 0.00	51.74 0.41 0.00	53.90 1.82 0.00	61.89 1.97 0.00	65.01 1.96 0.00	69.33 3.24 0.00	79.79 4.44 0.00	83.48 5.53 0.00	80.64 4.56 0.00	75.33 2.34 0.00	69.34 1.89 0.00	61.27 1.43 0.00	53.78 1.21 0.00	49.55 1.30 0.00
NIAGARA_115E_LBMP 323715	45.59 -0.98 0.00	43.27 -0.09 0.00	37.76 -1.41 0.00	34.24 -1.17 0.00	34.44 -1.10 0.00	36.61 -1.45 0.00	40.72 -1.65 0.00	42.90 -1.84 0.00	42.85 -2.30 0.00	44.15 -1.13 0.00	45.43 -0.05 0.00	51.74 0.41 0.00	53.90 1.82 0.00	61.95 2.04 0.00	65.07 2.02 0.00	69.40 3.30 0.00	79.94 4.60 0.00	83.63 5.69 0.00	80.88 4.80 0.00	75.62 2.62 0.00	69.55 2.09 0.00	61.39 1.55 0.00	53.83 1.26 0.00	50.13 1.88 0.00
NIAGARA_115W_LBMP 323714	44.89 -1.67 0.00	42.58 -0.78 0.00	38.15 -1.02 0.00	33.67 -1.73 0.00	33.91 -1.63 0.00	36.00 -2.06 0.00	40.12 -2.25 0.00	42.73 -2.01 0.00	42.71 -2.44 0.00	44.01 -1.27 0.00	45.25 -0.23 0.00	51.59 0.26 0.00	53.70 1.62 0.00	61.71 1.80 0.00	64.76 1.70 0.00	69.07 2.98 0.00	79.56 4.22 0.00	83.16 5.22 0.00	80.41 4.33 0.00	75.11 2.12 0.00	69.14 1.69 0.00	61.03 1.20 0.00	53.62 1.05 0.00	49.41 1.16 0.00
NIAGARA_230_LBMP 323716	45.50 -1.07 0.00	43.15 -0.22 0.00	38.15 -1.02 0.00	34.13 -1.27 0.00	34.37 -1.17 0.00	36.53 -1.52 0.00	40.72 -1.65 0.00	43.31 -1.43 0.00	43.29 -1.85 0.00	44.55 -0.73 0.00	45.80 0.32 0.00	52.15 0.82 0.00	54.27 2.19 0.00	62.37 2.46 0.00	65.51 2.46 0.00	69.86 3.77 0.00	80.40 5.05 0.00	84.10 6.16 0.00	81.32 5.25 0.00	76.06 3.07 0.00	70.02 2.56 0.00	61.75 1.91 0.00	54.20 1.63 0.00	49.98 1.73 0.00
NIAGARA___115KV_198_GIBSON 55903	45.22 -1.35 0.00	42.80 -0.56 0.00	37.64 -1.53 0.00	33.67 -1.73 0.00	33.91 -1.63 0.00	36.00 -2.05 0.00	40.38 -1.99 0.00	42.82 -1.92 0.00	43.30 -1.85 0.00	44.19 -1.09 0.00	45.25 -0.23 0.00	52.61 1.28 0.00	53.96 1.87 0.00	61.89 1.98 0.00	64.76 1.70 0.00	69.00 2.91 0.00	79.19 3.84 0.00	83.16 5.22 0.00	80.42 4.34 0.00	76.28 3.28 0.00	69.21 1.75 0.00	61.04 1.20 0.00	53.62 1.05 0.00	49.60 1.35 0.00
NIAGARA____ 23760	45.50 -1.07 0.00	43.15 -0.22 0.00	38.15 -1.02 0.00	34.13 -1.27 0.00	34.37 -1.17 0.00	36.53 -1.52 0.00	40.72 -1.65 0.00	43.31 -1.43 0.00	43.29 -1.85 0.00	44.55 -0.73 0.00	45.80 0.32 0.00	52.15 0.82 0.00	54.27 2.19 0.00	62.37 2.46 0.00	65.51 2.46 0.00	69.86 3.77 0.00	80.40 5.05 0.00	84.10 6.16 0.00	81.32 5.25 0.00	76.06 3.07 0.00	70.02 2.56 0.00	61.75 1.91 0.00	54.20 1.63 0.00	49.98 1.73 0.00
NINE_MILE_1 23575	45.17 -1.40 0.00	42.15 -1.21 0.00	37.95 -1.21 0.00	34.27 -1.13 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.25 -1.23 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.65 -1.26 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.70 -1.14 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00
NINE_MILE_2 23744	45.22 -1.35 0.00	42.15 -1.21 0.00	37.95 -1.21 0.00	34.27 -1.13 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.25 -1.23 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.65 -1.26 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.70 -1.14 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00
NM_CAPITAL___DRP 24208	46.47 -0.09 0.00	43.19 -0.17 0.00	39.13 -0.04 0.00	35.51 0.11 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.33 -0.04 0.00	44.74 0.00 0.00	45.19 0.05 0.00	45.18 -0.09 0.00	45.01 -0.27 0.19	50.31 -0.62 0.40	51.06 -0.62 0.40	58.44 -0.78 0.69	61.34 -0.76 0.96	64.39 -0.53 1.18	75.34 0.08 0.08	78.95 1.01 0.00	77.07 0.99 0.00	73.28 0.29 0.00	66.98 -0.47 0.00	59.00 -0.84 0.00	51.94 -0.63 0.00	47.67 -0.58 0.00
NM_CENTRAL___DRP 24181	46.20 -0.37 0.00	43.01 -0.35 0.00	38.70 -0.47 0.00	34.91 -0.50 0.00	35.04 -0.50 0.00	37.52 -0.53 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.70 -0.45 0.00	44.87 -0.41 0.00	45.20 -0.27 0.00	51.28 -0.05 0.00	52.03 -0.05 0.00	60.15 0.24 0.00	63.31 0.25 0.00	66.82 0.73 0.00	76.48 1.13 0.00	79.87 1.95 0.02	77.83 1.75 0.00	74.38 1.39 0.00	68.13 0.67 0.00	60.14 0.30 0.00	52.67 0.11 0.00	48.35 0.10 0.00

NM_FRONTIER___DRP 24179	45.22 -1.35 0.00	42.80 -0.56 0.00	37.64 -1.53 0.00	33.67 -1.73 0.00	33.91 -1.63 0.00	36.00 -2.05 0.00	40.38 -1.99 0.00	42.82 -1.92 0.00	43.30 -1.85 0.00	44.19 -1.09 0.00	45.25 -0.23 0.00	52.61 1.28 0.00	53.96 1.87 0.00	61.89 1.98 0.00	64.76 1.70 0.00	69.00 2.91 0.00	79.19 3.84 0.00	83.16 5.22 0.00	80.42 4.34 0.00	76.28 3.28 0.00	69.21 1.75 0.00	61.04 1.20 0.00	53.62 1.05 0.00	49.60 1.35 0.00
NM_ST_REGIS___HYD 24053	47.59 1.02 0.00	44.53 1.17 0.00	40.27 1.10 0.00	36.33 0.92 0.00	36.46 0.92 0.00	39.04 0.99 0.00	43.64 1.27 0.00	45.77 1.03 0.00	45.69 0.54 0.00	45.32 0.05 0.00	45.34 -0.14 0.00	51.23 -0.10 0.00	51.77 -0.31 0.00	59.25 -0.66 0.00	62.24 -0.82 0.00	64.57 -1.52 0.00	73.01 -2.34 0.00	72.37 -4.83 0.74	72.05 -4.03 0.00	69.85 -3.14 0.00	67.66 0.20 0.00	60.98 1.14 0.00	53.78 1.21 0.00	49.41 1.16 0.00
NORTHPORT___1 23551	48.75 2.19 0.01	45.75 2.38 -0.01	44.55 2.15 -3.22	37.47 2.05 -0.01	37.50 1.95 -0.01	40.27 2.21 -0.01	44.92 2.54 -0.01	46.89 2.15 0.00	47.58 2.44 0.00	47.58 2.31 0.00	43.42 1.36 3.42	43.42 1.49 9.40	43.42 2.09 10.75	43.42 2.04 18.53	43.60 2.02 21.48	48.96 2.45 19.58	62.00 3.69 17.04	65.53 4.68 17.08	65.62 3.73 14.18	60.70 2.04 14.34	56.66 -0.67 10.12	51.20 -1.26 7.38	43.00 -1.11 8.46	43.00 -1.06 4.19
NORTHPORT___2 23552	48.75 2.19 0.01	45.75 2.38 -0.01	44.55 2.15 -3.22	37.47 2.05 -0.01	37.50 1.95 -0.01	40.27 2.21 -0.01	44.92 2.54 -0.01	46.89 2.15 0.00	47.58 2.44 0.00	47.58 2.31 0.00	43.42 1.36 3.42	43.42 1.49 9.40	43.42 2.09 10.75	43.42 2.04 18.53	43.60 2.02 21.48	48.96 2.45 19.58	62.00 3.69 17.04	65.53 4.68 17.08	65.62 3.73 14.18	60.70 2.04 14.34	56.66 -0.67 10.12	51.20 -1.26 7.38	43.00 -1.11 8.46	43.00 -1.06 4.19
NORTHPORT___3 23553	47.81 1.26 0.01	45.19 1.82 -0.01	44.03 1.64 -3.21	36.97 1.56 -0.01	37.04 1.49 -0.01	39.73 1.67 -0.01	44.33 1.95 -0.01	46.26 1.52 0.00	46.89 1.76 0.01	46.86 1.58 0.00	43.14 1.09 3.43	43.15 1.23 9.41	43.10 1.77 10.76	43.05 1.68 18.54	43.21 1.64 21.48	48.55 2.05 19.59	61.53 3.24 17.05	65.05 4.21 17.09	65.08 3.19 14.19	60.18 1.54 14.35	56.32 -1.01 10.13	50.84 -1.61 7.39	42.79 -1.31 8.46	42.77 -1.30 4.18
NORTHPORT___4 23650	47.81 1.26 0.01	45.19 1.82 -0.01	44.03 1.64 -3.21	36.97 1.56 -0.01	37.04 1.49 -0.01	39.73 1.67 -0.01	44.33 1.95 -0.01	46.26 1.52 0.00	46.89 1.76 0.01	46.86 1.58 0.00	43.14 1.09 3.43	43.15 1.23 9.41	43.10 1.77 10.76	43.05 1.68 18.54	43.21 1.64 21.48	48.55 2.05 19.59	61.53 3.24 17.05	65.05 4.21 17.09	65.08 3.19 14.19	60.18 1.54 14.35	56.32 -1.01 10.13	50.84 -1.61 7.39	42.79 -1.31 8.46	42.77 -1.30 4.18
NORTHPORT___IC 23718	46.84 0.28 0.01	45.67 2.30 -0.01	44.51 2.12 -3.22	37.47 2.05 -0.01	37.50 1.95 -0.01	40.27 2.21 -0.01	44.79 2.42 -0.01	45.95 1.21 0.00	46.32 1.17 0.00	46.72 1.45 0.00	43.42 1.36 3.41	43.17 1.23 9.39	43.41 2.08 10.76	43.35 1.98 18.54	43.59 2.02 21.48	48.96 2.45 19.58	62.00 3.69 17.04	65.53 4.68 17.09	65.62 3.73 14.18	60.77 2.12 14.33	56.66 -0.67 10.12	51.21 -1.26 7.38	43.00 -1.10 8.46	42.90 -1.16 4.19
NORTH___COUNTRY_ESR 323785	47.03 0.47 0.00	43.92 0.56 0.00	39.68 0.51 0.00	35.83 0.43 0.00	36.00 0.46 0.00	38.55 0.49 0.00	43.09 0.72 0.00	45.23 0.49 0.00	45.46 0.32 0.00	45.41 0.14 0.00	45.66 0.18 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.85 -0.06 0.00	62.93 -0.13 0.00	65.23 -0.86 0.00	73.69 -1.66 0.00	74.61 -3.27 0.06	73.27 -2.81 0.00	71.82 -1.17 0.00	67.25 -0.20 0.00	60.31 0.48 0.00	53.10 0.53 0.00	48.73 0.48 0.00
NPX_GEN_1385_PROXY 323591	48.56 2.00 0.01	45.36 2.00 -0.01	44.00 1.61 -3.22	37.18 1.77 -0.01	37.22 1.67 -0.01	40.12 2.05 -0.01	44.52 2.46 0.30	47.42 2.37 -0.31	47.63 2.48 0.00	47.22 1.95 0.00	43.24 1.18 3.42	43.16 1.23 9.40	43.16 1.82 10.75	43.18 1.80 18.53	43.79 2.21 21.48	52.36 2.78 16.51	59.37 4.14 20.12	66.00 5.14 17.08	66.00 4.11 14.18	61.06 2.41 14.34	57.00 -0.34 10.12	51.50 -0.96 7.38	43.84 -1.37 7.36	41.32 -1.64 5.29
NPX_GEN_CSC 323557	49.50 2.94 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.65 2.23 -0.01	37.61 2.06 -0.01	40.42 2.36 -0.01	44.61 2.54 0.30	47.24 2.19 -0.31	47.76 2.62 0.00	47.85 2.58 0.00	47.87 2.18 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	64.86 3.41 -1.53	67.78 3.59 -1.13	116.74 4.23 -46.42	116.73 5.80 -35.58	122.19 6.93 -37.31	116.40 5.94 -34.38	77.08 4.09 -0.01	68.40 0.94 0.00	59.95 0.12 0.01	52.21 -0.10 0.26	43.97 -0.14 4.14
NSINS_S_GLNS_FALLS 23858	48.20 1.63 0.00	44.66 1.30 0.00	40.42 1.25 0.00	36.57 1.17 0.00	36.75 1.21 0.00	39.39 1.33 0.00	43.73 1.36 0.00	46.13 1.39 0.00	46.37 1.22 0.00	46.14 0.86 0.00	45.46 0.18 0.20	50.87 -0.05 0.41	51.63 -0.05 0.40	59.21 0.00 0.70	62.46 0.38 0.97	66.08 1.19 1.20	77.75 2.49 0.08	81.84 3.90 0.00	81.02 4.95 0.00	77.30 4.31 0.00	70.69 3.24 0.00	62.05 2.21 0.00	54.36 1.79 0.00	49.70 1.45 0.00
NUCOR_STEEL___DRP 24197	46.85 0.28 0.00	43.66 0.30 0.00	39.21 0.04 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.98 -0.08 0.00	42.41 0.04 0.00	44.87 0.13 0.00	45.19 0.05 0.00	45.37 0.09 0.00	45.75 0.27 0.00	52.00 0.67 0.00	52.81 0.73 0.00	61.11 1.20 0.00	64.32 1.26 0.00	67.94 1.85 0.00	77.91 2.56 0.00	81.59 3.66 0.02	79.66 3.58 0.00	76.06 3.07 0.00	69.68 2.23 0.00	61.45 1.62 0.00	53.78 1.21 0.00	49.26 1.01 0.00
NUMBER_THREE_WT_PWR 323818	48.15 1.58 0.00	45.22 1.86 0.00	40.78 1.61 0.00	36.72 1.31 0.00	36.86 1.32 0.00	39.50 1.45 0.00	44.11 1.74 0.00	46.40 1.66 0.00	46.37 1.22 0.00	46.13 0.86 0.00	46.11 0.64 0.00	52.30 0.97 0.00	52.97 0.88 0.00	61.17 1.26 0.00	64.32 1.26 0.00	67.68 1.58 0.00	77.61 2.26 0.00	80.34 2.65 0.25	79.42 3.34 0.00	76.93 3.94 0.00	71.37 3.91 0.00	63.43 3.59 0.00	55.35 2.78 0.00	50.61 2.36 0.00
NYISO_LBMP_REFERENCE 24008	46.57 0.00 0.00	43.36 0.00 0.00	39.17 0.00 0.00	35.41 0.00 0.00	35.54 0.00 0.00	38.05 0.00 0.00	42.37 0.00 0.00	44.74 0.00 0.00	45.15 0.00 0.00	45.28 0.00 0.00	45.47 0.00 0.00	51.33 0.00 0.00	52.08 0.00 0.00	59.91 0.00 0.00	63.06 0.00 0.00	66.09 0.00 0.00	75.35 0.00 0.00	77.94 0.00 0.00	76.08 0.00 0.00	72.99 0.00 0.00	67.46 0.00 0.00	59.84 0.00 0.00	52.57 0.00 0.00	48.25 0.00 0.00
NYPA_BRENTWD____GT 24164	49.63 3.07 0.01	46.49 3.12 -0.01	45.06 2.70 -3.19	37.93 2.51 -0.01	37.97 2.42 -0.01	40.76 2.70 -0.01	45.43 3.05 -0.01	47.51 2.77 0.00	48.26 3.11 0.00	48.35 3.08 0.00	48.14 2.45 -0.22	54.62 2.82 -0.47	56.04 3.49 -0.47	64.59 3.72 -0.96	67.77 3.59 -1.12	80.37 4.17 -10.11	89.13 5.65 -8.13	92.49 6.78 -7.77	88.94 5.71 -7.15	76.86 3.87 0.00	68.40 0.94 0.00	60.13 0.30 0.01	51.40 0.16 1.33	45.33 0.05 2.97

NYPA_GOWANUS____GT5 24156	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NYPA_GOWANUS____GT6 24157	48.81 2.24 -0.01	45.49 2.12 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.18 1.64 -0.01	39.85 1.79 -0.01	44.50 2.12 -0.01	46.94 2.19 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.71 3.00 -0.23	54.62 2.82 -0.47	55.15 2.60 -0.46	62.93 2.22 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.39 2.41 0.01	68.32 0.87 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.70 1.45 -0.01
NYPA_HARLEM__RVR__GT1 24160	48.86 2.28 -0.01	45.28 1.91 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.81 1.75 -0.01	44.41 2.03 -0.01	46.98 2.24 -0.01	47.99 2.85 0.00	48.45 3.17 -0.01	48.66 2.95 -0.23	54.68 2.87 -0.48	55.20 2.65 -0.46	62.57 1.86 -0.79	65.86 1.70 -1.10	69.56 2.11 -1.36	78.67 3.24 -0.09	82.22 4.28 0.01	79.57 3.50 0.01	74.88 1.89 0.01	67.85 0.41 0.01	59.83 0.00 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
NYPA_HARLEM__RVR__GT2 24161	48.86 2.28 -0.01	45.28 1.91 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.81 1.75 -0.01	44.41 2.03 -0.01	46.98 2.24 -0.01	47.99 2.85 0.00	48.45 3.17 -0.01	48.66 2.95 -0.23	54.68 2.87 -0.48	55.20 2.65 -0.46	62.57 1.86 -0.79	65.86 1.70 -1.10	69.56 2.11 -1.36	78.67 3.24 -0.09	82.22 4.28 0.01	79.57 3.50 0.01	74.88 1.89 0.01	67.85 0.41 0.01	59.83 0.00 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
NYPA_KENT____GT 24152	48.72 2.14 -0.01	45.37 2.00 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.08 1.53 -0.01	39.78 1.71 -0.01	44.41 2.03 -0.01	46.90 2.15 -0.01	47.90 2.75 0.00	48.36 3.08 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.15 2.60 -0.46	61.95 2.04 0.00	63.68 1.89 1.27	66.73 2.31 1.67	72.30 3.54 6.59	74.25 4.44 8.13	72.03 3.80 7.85	68.49 2.19 6.69	64.15 0.67 3.98	58.26 0.18 1.76	53.04 0.47 0.00	49.61 1.35 -0.01
NYPA_POUCHI____GT 24155	48.53 1.96 -0.01	45.45 2.08 -0.01	41.02 1.84 -0.01	37.11 1.70 -0.01	37.15 1.60 -0.01	39.81 1.75 -0.01	44.45 2.08 -0.01	46.81 2.06 -0.01	47.72 2.57 0.00	48.09 2.81 -0.01	48.48 2.77 -0.23	54.36 2.57 -0.47	54.89 2.35 -0.46	62.62 1.92 -0.79	65.99 1.83 -1.10	69.70 2.25 -1.36	63.71 3.31 14.95	68.02 4.21 14.13	64.96 3.58 14.70	55.92 1.97 19.04	51.37 0.54 16.62	49.88 0.00 9.96	48.80 0.21 3.98	49.61 1.35 -0.01
NYPA_VERNON____GT2 24162	48.67 2.10 -0.01	45.23 1.86 -0.01	40.78 1.61 -0.01	36.94 1.52 -0.01	37.01 1.46 -0.01	39.70 1.64 -0.01	44.37 1.99 -0.01	46.90 2.15 -0.01	47.95 2.80 0.00	48.36 3.08 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.09 2.55 -0.46	61.03 1.92 0.80	61.18 1.76 3.64	63.56 2.18 4.71	65.48 3.39 13.26	65.98 4.28 16.25	63.96 3.58 15.69	61.59 1.97 13.37	59.98 0.48 7.95	58.08 0.00 1.76	53.04 0.47 0.00	49.46 1.21 -0.01
NYPA_VERNON____GT3 24163	48.67 2.10 -0.01	45.23 1.86 -0.01	40.78 1.61 -0.01	36.94 1.52 -0.01	37.01 1.46 -0.01	39.70 1.64 -0.01	44.37 1.99 -0.01	46.90 2.15 -0.01	47.95 2.80 0.00	48.36 3.08 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.09 2.55 -0.46	61.03 1.92 0.80	61.18 1.76 3.64	63.56 2.18 4.71	65.48 3.39 13.26	65.98 4.28 16.25	63.96 3.58 15.69	61.59 1.97 13.37	59.98 0.48 7.95	58.08 0.00 1.76	53.04 0.47 0.00	49.46 1.21 -0.01
NYPA__ASTORIA_CC1 323568	48.62 2.05 -0.01	45.19 1.82 -0.01	40.74 1.57 -0.01	36.94 1.52 -0.01	36.97 1.42 -0.01	39.66 1.60 -0.01	44.33 1.95 -0.01	46.85 2.10 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.66 2.95 -0.23	54.46 2.67 -0.47	54.99 2.45 -0.46	60.54 1.74 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.34 18.84	58.69 1.75 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.94 0.37 0.00	49.41 1.16 -0.01
NYPA__ASTORIA_CC2 323569	48.62 2.05 -0.01	45.19 1.82 -0.01	40.74 1.57 -0.01	36.94 1.52 -0.01	36.97 1.42 -0.01	39.66 1.60 -0.01	44.33 1.95 -0.01	46.85 2.10 -0.01	47.90 2.75 0.00	48.32 3.03 -0.01	48.66 2.95 -0.23	54.46 2.67 -0.47	54.99 2.45 -0.46	60.54 1.74 1.12	60.05 1.58 4.59	62.09 1.92 5.92	62.50 3.09 15.94	62.49 4.05 19.51	60.58 3.34 18.84	58.69 1.75 16.05	58.18 0.27 9.55	57.90 -0.18 1.76	52.94 0.37 0.00	49.41 1.16 -0.01
NYPA__HOLTSVILL 23794	49.36 2.79 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.68 2.27 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.09 2.01 -0.01	47.11 2.37 0.00	47.90 2.75 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.21 2.41 -0.47	55.69 3.12 -0.48	64.60 3.17 -1.52	67.46 3.28 -1.13	112.45 3.77 -42.59	118.50 5.19 -37.96	120.90 6.31 -36.64	115.09 5.25 -33.76	76.57 3.58 -0.01	68.06 0.61 0.00	59.71 -0.12 0.01	51.00 -0.21 1.36	45.02 -0.19 3.04
NYPA____HELLGATE_GT1 24158	48.86 2.28 -0.01	45.28 1.91 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.81 1.75 -0.01	44.41 2.03 -0.01	46.98 2.24 -0.01	47.99 2.85 0.00	48.45 3.17 -0.01	48.66 2.95 -0.23	54.68 2.87 -0.48	55.20 2.65 -0.46	62.57 1.86 -0.79	65.86 1.70 -1.10	69.56 2.11 -1.36	78.67 3.24 -0.09	82.22 4.28 0.01	79.57 3.50 0.01	74.88 1.89 0.01	67.92 0.48 0.01	59.83 0.00 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
NYPA____HELLGATE_GT2 24159	48.86 2.28 -0.01	45.28 1.91 -0.01	40.90 1.72 -0.01	37.04 1.63 -0.01	37.11 1.56 -0.01	39.81 1.75 -0.01	44.41 2.03 -0.01	46.98 2.24 -0.01	47.99 2.85 0.00	48.45 3.17 -0.01	48.66 2.95 -0.23	54.68 2.87 -0.48	55.20 2.65 -0.46	62.57 1.86 -0.79	65.86 1.70 -1.10	69.56 2.11 -1.36	78.67 3.24 -0.09	82.22 4.28 0.01	79.57 3.50 0.01	74.88 1.89 0.01	67.92 0.48 0.01	59.83 0.00 0.01	53.21 0.63 -0.01	49.51 1.25 -0.01
NYS_BARGE__HYD 23848	46.10 -0.47 0.00	43.67 0.31 0.00	38.31 -0.86 0.00	34.52 -0.88 0.00	34.76 -0.78 0.00	36.95 -1.10 0.00	41.14 -1.23 0.00	43.49 -1.25 0.00	43.48 -1.67 0.00	44.73 -0.54 0.00	45.98 0.50 0.00	52.35 1.03 0.00	54.53 2.45 0.00	62.73 2.82 0.00	65.90 2.84 0.00	70.33 4.23 0.00	81.15 5.80 0.00	84.80 6.86 0.00	82.09 6.01 0.00	76.71 3.72 0.00	70.63 3.17 0.00	62.29 2.45 0.00	54.57 2.00 0.00	50.57 2.32 0.00
OAK ORCHARD__HYD 24046	46.80 0.23 0.00	43.88 0.52 0.00	39.13 -0.04 0.00	35.09 -0.32 0.00	35.29 -0.25 0.00	37.60 -0.45 0.00	42.03 -0.34 0.00	44.65 -0.09 0.00	44.78 -0.36 0.00	45.55 0.27 0.00	46.34 0.86 0.00	52.82 1.49 0.00	54.43 2.35 0.00	63.03 3.11 0.00	66.40 3.34 0.00	70.19 4.10 0.00	80.78 5.43 0.00	84.49 6.55 0.00	81.86 5.78 0.00	77.22 4.23 0.00	71.16 3.71 0.00	62.59 2.75 0.00	54.78 2.21 0.00	50.23 1.98 0.00

OAKDALE___35_KV_LOAD 356122	46.75 0.19 0.00	43.62 0.26 0.00	39.21 0.04 0.00	35.34 -0.07 0.00	35.54 0.00 0.00	38.02 -0.04 0.00	42.41 0.04 0.00	44.87 0.13 0.00	45.24 0.09 0.00	45.55 0.27 0.00	45.97 0.50 0.00	52.30 0.98 0.00	53.23 1.15 0.00	61.41 1.50 0.00	64.70 1.64 0.00	68.34 2.25 0.00	78.36 3.01 0.00	81.99 4.05 0.00	79.88 3.80 0.00	76.13 3.14 0.00	69.48 2.02 0.00	61.15 1.32 0.00	53.57 1.00 0.00	49.17 0.92 0.00
OCC_CHEM___DRP 24175	45.36 -1.21 0.00	42.93 -0.43 0.00	37.76 -1.41 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.46 -1.91 0.00	42.95 -1.79 0.00	43.43 -1.72 0.00	44.32 -0.95 0.00	45.38 -0.09 0.00	52.77 1.44 0.00	54.11 2.03 0.00	62.07 2.16 0.00	65.01 1.95 0.00	69.20 3.11 0.00	79.42 4.07 0.00	83.48 5.53 0.00	80.64 4.56 0.00	76.50 3.50 0.00	69.41 1.96 0.00	61.27 1.44 0.00	53.78 1.21 0.00	49.75 1.50 0.00
OH_GEN_PROXY 24063	45.45 -1.12 0.00	43.10 -0.26 0.00	38.15 -1.02 0.00	34.13 -1.27 0.00	34.37 -1.17 0.00	36.53 -1.52 0.00	40.41 -1.65 0.31	43.62 -1.43 -0.31	43.34 -1.81 0.00	44.60 -0.68 0.00	45.80 0.32 0.00	52.20 0.87 0.00	54.27 2.19 0.00	62.43 2.52 0.00	65.58 2.52 0.00	73.00 3.83 -3.08	77.40 5.13 3.08	84.18 6.24 0.00	81.40 5.32 0.00	76.20 3.21 0.00	70.08 2.63 0.00	61.75 1.91 0.00	55.30 1.63 -1.10	48.84 1.69 1.10
OLIN_CORP_DRP 24177	45.96 -0.61 0.00	43.53 0.17 0.00	38.31 -0.86 0.00	34.27 -1.13 0.00	34.47 -1.07 0.00	36.65 -1.41 0.00	40.97 -1.40 0.00	43.13 -1.61 0.00	43.57 -1.58 0.00	44.46 -0.81 0.00	45.52 0.05 0.00	52.92 1.59 0.00	54.27 2.19 0.00	62.31 2.40 0.00	65.26 2.21 0.00	69.53 3.44 0.00	79.79 4.45 0.00	83.87 5.92 0.00	81.10 5.02 0.00	76.93 3.94 0.00	69.75 2.29 0.00	61.57 1.74 0.00	53.99 1.42 0.00	50.37 2.12 0.00
OLIN_CORP_DSASP 323712	45.03 -1.54 0.00	42.71 -0.65 0.00	38.19 -0.98 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.25 -2.12 0.00	42.86 -1.88 0.00	42.80 -2.35 0.00	44.15 -1.13 0.00	45.38 -0.09 0.00	51.74 0.41 0.00	53.90 1.82 0.00	61.89 1.97 0.00	65.01 1.96 0.00	69.33 3.24 0.00	79.79 4.44 0.00	83.48 5.53 0.00	80.64 4.56 0.00	75.33 2.34 0.00	69.34 1.89 0.00	61.27 1.43 0.00	53.78 1.21 0.00	49.55 1.30 0.00
ONEIDA_HERK_LFGE 323681	47.92 1.35 0.00	44.71 1.35 0.00	40.34 1.17 0.00	36.36 0.96 0.00	36.53 0.99 0.00	39.12 1.06 0.00	43.64 1.27 0.00	46.04 1.30 0.00	46.19 1.04 0.00	46.09 0.82 0.00	46.16 0.68 0.00	52.35 1.03 0.00	53.02 0.94 0.00	61.29 1.38 0.00	64.51 1.45 0.00	67.94 1.85 0.00	77.91 2.56 0.00	81.02 3.20 0.11	79.58 3.50 0.00	76.50 3.50 0.00	70.63 3.17 0.00	62.53 2.70 0.00	54.67 2.10 0.00	49.98 1.73 0.00
ONEIDA___115KV_TB4 55905	47.92 1.35 0.00	44.62 1.26 0.00	40.19 1.02 0.00	36.22 0.81 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.14 0.99 0.00	46.14 0.86 0.00	46.25 0.77 0.00	52.56 1.23 0.00	53.28 1.20 0.00	61.59 1.68 0.00	64.89 1.83 0.00	68.41 2.31 0.00	78.59 3.24 0.00	82.02 4.13 0.05	80.34 4.26 0.00	77.01 4.01 0.00	70.76 3.31 0.00	62.47 2.63 0.00	54.57 2.00 0.00	49.94 1.69 0.00
ONONDAGA_REF_OCCRA 23987	46.34 -0.23 0.00	43.19 -0.17 0.00	38.82 -0.35 0.00	35.02 -0.39 0.00	35.19 -0.36 0.00	37.64 -0.42 0.00	42.03 -0.34 0.00	44.47 -0.27 0.00	44.83 -0.32 0.00	45.00 -0.27 0.00	45.34 -0.14 0.00	51.43 0.10 0.00	52.19 0.10 0.00	60.33 0.42 0.00	63.56 0.50 0.00	67.02 0.93 0.00	76.78 1.43 0.00	80.26 2.34 0.02	78.29 2.21 0.00	74.74 1.75 0.00	68.47 1.01 0.00	60.44 0.60 0.00	52.94 0.37 0.00	48.54 0.29 0.00
ONONDAGA___COGEN 23986	46.43 -0.14 0.00	43.23 -0.13 0.00	38.89 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.07 -0.30 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.48 0.15 0.00	52.29 0.21 0.00	60.45 0.54 0.00	63.62 0.57 0.00	67.15 1.06 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.82 1.82 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
ONTARIO___LFGE 23819	46.94 0.37 0.00	44.10 0.74 0.00	39.41 0.24 0.00	35.44 0.04 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.67 0.30 0.00	45.19 0.45 0.00	45.24 0.09 0.00	45.73 0.45 0.00	46.34 0.86 0.00	52.46 1.13 0.00	53.75 1.67 0.00	62.31 2.40 0.00	65.71 2.65 0.00	69.66 3.57 0.00	80.24 4.89 0.00	84.25 6.31 0.00	82.17 6.09 0.00	77.73 4.74 0.00	71.43 3.98 0.00	62.77 2.93 0.00	54.83 2.26 0.00	50.13 1.88 0.00
ORANGEVILLE_WT_PWR 323706	46.43 -0.14 0.00	43.84 0.48 0.00	38.82 -0.35 0.00	34.88 -0.53 0.00	35.12 -0.42 0.00	37.41 -0.65 0.00	41.78 -0.59 0.00	44.21 -0.53 0.00	44.02 -1.13 0.00	45.01 -0.27 0.00	46.16 0.68 0.00	52.56 1.23 0.00	54.58 2.50 0.00	62.97 3.05 0.00	66.27 3.21 0.00	70.59 4.50 0.00	81.53 6.18 0.00	85.27 7.32 0.00	82.93 6.85 0.00	77.88 4.89 0.00	71.50 4.05 0.00	62.95 3.11 0.00	55.04 2.47 0.00	50.66 2.41 0.00
ORANGEVILLE___ESR 323794	46.43 -0.14 0.00	43.84 0.48 0.00	38.82 -0.35 0.00	34.88 -0.53 0.00	35.12 -0.42 0.00	37.41 -0.65 0.00	41.78 -0.59 0.00	44.21 -0.53 0.00	44.02 -1.13 0.00	45.01 -0.27 0.00	46.16 0.68 0.00	52.56 1.23 0.00	54.58 2.50 0.00	62.97 3.05 0.00	66.27 3.21 0.00	70.59 4.50 0.00	81.53 6.18 0.00	85.27 7.32 0.00	82.93 6.85 0.00	77.88 4.89 0.00	71.50 4.05 0.00	62.95 3.11 0.00	55.04 2.47 0.00	50.66 2.41 0.00
OSWEGATCHIE___HYD 24044	47.87 1.30 0.00	44.88 1.52 0.00	40.46 1.29 0.00	36.47 1.06 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.81 1.44 0.00	46.04 1.30 0.00	45.91 0.77 0.00	45.59 0.32 0.00	45.52 0.05 0.00	51.59 0.26 0.00	52.19 0.10 0.00	59.97 0.06 0.00	63.06 0.00 0.00	65.83 -0.26 0.00	75.05 -0.30 0.00	76.11 -1.25 0.58	75.70 -0.38 0.00	74.31 1.32 0.00	69.48 2.02 0.00	62.23 2.40 0.00	54.57 2.00 0.00	50.04 1.79 0.00
OSWEGO___5 23606	45.54 -1.02 0.00	42.45 -0.91 0.00	38.27 -0.90 0.00	34.52 -0.88 0.00	34.65 -0.89 0.00	37.10 -0.95 0.00	41.35 -1.02 0.00	43.71 -1.03 0.00	44.06 -1.08 0.00	44.28 -1.00 0.00	44.61 -0.87 0.00	50.41 -0.92 0.00	51.25 -0.84 0.00	59.13 -0.78 0.00	62.24 -0.82 0.00	65.63 -0.46 0.00	75.12 -0.23 0.00	78.18 0.23 0.00	76.23 0.15 0.00	72.70 -0.29 0.00	66.99 -0.47 0.00	59.18 -0.66 0.00	51.88 -0.68 0.00	47.62 -0.63 0.00
OSWEGO___6 23613	45.54 -1.02 0.00	42.45 -0.91 0.00	38.27 -0.90 0.00	34.52 -0.88 0.00	34.65 -0.89 0.00	37.10 -0.95 0.00	41.35 -1.02 0.00	43.71 -1.03 0.00	44.06 -1.08 0.00	44.28 -1.00 0.00	44.61 -0.87 0.00	50.41 -0.92 0.00	51.25 -0.84 0.00	59.13 -0.78 0.00	62.24 -0.82 0.00	65.63 -0.46 0.00	75.12 -0.23 0.00	78.18 0.23 0.00	76.23 0.15 0.00	72.70 -0.29 0.00	66.99 -0.47 0.00	59.18 -0.66 0.00	51.88 -0.68 0.00	47.62 -0.63 0.00

OUTOKUMPU-AB___DRP 24206	46.66 0.09 0.00	44.06 0.69 0.00	38.74 -0.43 0.00	34.66 -0.74 0.00	34.90 -0.64 0.00	37.14 -0.91 0.00	41.65 -0.72 0.00	44.07 -0.67 0.00	44.51 -0.63 0.00	45.46 0.18 0.00	46.57 1.09 0.00	54.15 2.82 0.00	55.62 3.54 0.00	63.69 3.77 0.00	66.71 3.66 0.00	71.11 5.02 0.00	81.83 6.48 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.30 3.84 0.00	62.89 3.05 0.00	55.20 2.63 0.00	51.10 2.85 0.00
OXBOW___BTM 323836	45.78 -0.79 0.00	43.36 0.00 0.00	38.58 -0.59 0.00	34.27 -1.13 0.00	34.51 -1.03 0.00	36.69 -1.37 0.00	40.89 -1.48 0.00	43.49 -1.25 0.00	43.48 -1.67 0.00	44.78 -0.50 0.00	46.06 0.59 0.00	52.56 1.23 0.00	54.79 2.71 0.00	62.85 2.94 0.00	66.02 2.96 0.00	70.45 4.36 0.00	81.30 5.95 0.00	84.96 7.02 0.00	82.17 6.09 0.00	76.71 3.72 0.00	70.56 3.10 0.00	62.23 2.40 0.00	54.62 2.05 0.00	50.37 2.12 0.00
OXBOW___ 24026	46.10 -0.47 0.00	43.58 0.22 0.00	38.31 -0.86 0.00	34.27 -1.13 0.00	34.51 -1.03 0.00	36.68 -1.37 0.00	41.14 -1.23 0.00	43.58 -1.16 0.00	44.06 -1.08 0.00	45.00 -0.27 0.00	46.07 0.59 0.00	53.59 2.26 0.00	55.05 2.97 0.00	63.09 3.18 0.00	66.02 2.96 0.00	70.39 4.30 0.00	80.92 5.58 0.00	84.96 7.01 0.00	82.17 6.09 0.00	77.88 4.89 0.00	70.56 3.10 0.00	62.23 2.39 0.00	54.62 2.05 0.00	50.57 2.32 0.00
OXY_CHEM_DSASP 323612	45.36 -1.21 0.00	42.93 -0.43 0.00	37.76 -1.41 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.46 -1.91 0.00	42.95 -1.79 0.00	43.43 -1.72 0.00	44.32 -0.95 0.00	45.38 -0.09 0.00	52.77 1.44 0.00	54.11 2.03 0.00	62.07 2.16 0.00	65.01 1.95 0.00	69.20 3.11 0.00	79.42 4.07 0.00	83.48 5.53 0.00	80.64 4.56 0.00	76.50 3.50 0.00	69.41 1.96 0.00	61.27 1.44 0.00	53.78 1.21 0.00	49.75 1.50 0.00
OZONE_PARK_ESR 323760	48.90 2.33 0.00	45.44 2.08 0.00	40.97 1.80 0.00	37.11 1.70 0.00	37.14 1.60 0.00	39.84 1.79 0.00	44.53 2.16 0.00	47.16 2.42 0.00	48.13 2.98 0.00	48.59 3.31 -0.01	49.02 3.32 -0.22	54.72 2.93 -0.47	55.56 3.02 -0.46	63.77 3.06 -0.80	67.26 3.09 -1.11	70.96 3.50 -1.37	80.42 4.97 -0.10	83.94 6.00 0.00	81.33 5.25 0.00	76.64 3.65 0.00	69.28 1.82 0.00	60.92 1.08 0.00	53.88 1.31 0.00	49.65 1.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.36 -1.21 0.00	42.93 -0.43 0.00	37.76 -1.41 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.46 -1.91 0.00	42.95 -1.79 0.00	43.43 -1.72 0.00	44.32 -0.95 0.00	45.38 -0.09 0.00	52.77 1.44 0.00	54.11 2.03 0.00	62.07 2.16 0.00	65.01 1.95 0.00	69.20 3.11 0.00	79.42 4.07 0.00	83.48 5.53 0.00	80.64 4.56 0.00	76.50 3.50 0.00	69.41 1.96 0.00	61.27 1.44 0.00	53.78 1.21 0.00	49.75 1.50 0.00
PACKARD___115KV_DUPONT_184 80571	45.36 -1.21 0.00	42.93 -0.43 0.00	37.76 -1.41 0.00	33.78 -1.63 0.00	33.98 -1.56 0.00	36.11 -1.94 0.00	40.46 -1.91 0.00	42.95 -1.79 0.00	43.43 -1.72 0.00	44.32 -0.95 0.00	45.38 -0.09 0.00	52.77 1.44 0.00	54.11 2.03 0.00	62.07 2.16 0.00	65.01 1.95 0.00	69.20 3.11 0.00	79.42 4.07 0.00	83.48 5.53 0.00	80.64 4.56 0.00	76.50 3.50 0.00	69.41 1.96 0.00	61.27 1.44 0.00	53.78 1.21 0.00	49.75 1.50 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.71 2.14 0.00	45.23 1.86 0.00	40.85 1.68 0.00	36.96 1.56 0.00	37.03 1.49 0.00	39.73 1.67 0.00	44.32 1.95 0.00	46.93 2.19 0.00	47.76 2.62 0.00	48.05 2.76 -0.01	48.65 2.96 -0.22	54.22 2.41 -0.48	54.83 2.29 -0.46	62.51 1.80 -0.79	65.92 1.77 -1.10	69.57 2.11 -1.36	78.75 3.32 -0.09	82.22 4.29 0.01	79.65 3.58 0.01	75.10 2.12 0.01	67.92 0.47 0.01	59.83 0.00 0.01	53.05 0.47 -0.01	49.36 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.69 3.12 0.00	46.14 2.78 0.00	41.60 2.43 0.00	37.67 2.27 0.00	37.71 2.17 0.00	40.45 2.40 0.00	45.08 2.71 0.00	47.69 2.95 0.00	48.58 3.43 0.00	48.82 3.53 -0.01	49.33 3.64 -0.22	54.99 3.18 -0.48	55.62 3.07 -0.46	63.46 2.76 -0.79	66.87 2.71 -1.10	70.62 3.17 -1.36	80.03 4.60 -0.09	83.62 5.69 0.01	81.02 4.95 0.01	76.41 3.43 0.01	69.13 1.69 0.01	60.85 1.02 0.01	53.94 1.37 -0.01	50.23 1.98 0.00
PATROON___115KV_TB1 80586	46.57 0.00 0.00	43.23 -0.13 0.00	39.17 0.00 0.00	35.55 0.14 0.00	35.68 0.14 0.00	38.13 0.08 0.00	42.37 0.00 0.00	44.79 0.04 0.00	45.19 0.05 0.00	45.18 -0.09 0.00	45.07 -0.23 0.18	50.39 -0.56 0.37	51.14 -0.57 0.37	58.55 -0.72 0.64	61.54 -0.63 0.89	64.67 -0.33 1.09	75.57 0.30 0.08	79.19 1.25 0.00	77.30 1.22 0.00	73.58 0.58 0.00	67.19 -0.27 0.00	59.18 -0.66 0.00	52.10 -0.47 0.00	47.77 -0.48 0.00
PATTRSNVILLE___SOLAR 323815	47.83 1.26 0.00	44.40 1.04 0.00	40.15 0.98 0.00	36.32 0.92 0.00	36.46 0.92 0.00	39.08 1.03 0.00	43.43 1.06 0.00	45.68 0.94 0.00	45.82 0.68 0.00	45.55 0.27 0.14	45.24 -0.09 0.30	50.77 -0.26 0.30	51.47 -0.31 0.30	59.04 -0.36 0.52	62.09 -0.25 0.72	65.40 0.20 0.89	76.49 1.20 0.06	80.59 2.65 0.00	79.27 3.19 0.00	75.76 2.77 0.00	69.55 2.09 0.00	61.27 1.43 0.00	53.78 1.21 0.00	49.31 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.66 0.09 0.00	43.88 0.52 0.00	38.74 -0.43 0.00	34.70 -0.71 0.00	34.94 -0.60 0.00	37.25 -0.80 0.00	41.82 -0.55 0.00	44.29 -0.45 0.00	44.74 -0.41 0.00	45.59 0.32 0.00	46.75 1.27 0.00	54.31 2.98 0.00	55.83 3.75 0.00	64.29 4.37 0.00	67.47 4.41 0.00	71.97 5.88 0.00	82.96 7.61 0.00	86.98 9.04 0.00	84.37 8.29 0.00	79.78 6.79 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.20 2.63 0.00	51.10 2.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.48 1.91 0.00	45.05 1.69 0.00	40.66 1.49 0.00	36.79 1.38 0.00	36.89 1.35 0.00	39.50 1.45 0.00	44.06 1.69 0.00	46.53 1.79 0.00	47.36 2.21 0.00	47.58 2.31 -0.20	48.13 2.46 -0.41	54.05 2.31 -0.41	54.99 2.50 -0.41	63.32 2.70 -0.71	66.94 2.90 -0.98	70.67 3.37 -1.21	80.03 4.60 -0.09	83.79 5.85 0.00	81.25 5.17 0.00	76.64 3.65 0.00	69.55 2.09 0.00	61.15 1.32 0.00	53.88 1.31 0.00	49.46 1.21 0.00
PEEKSKILL___ 23653	48.06 1.49 0.00	44.62 1.26 0.00	40.26 1.10 0.00	36.50 1.10 0.00	36.57 1.03 0.00	39.19 1.14 0.00	43.77 1.40 0.00	46.21 1.47 0.00	47.13 1.98 0.00	47.40 2.13 0.00	47.79 2.09 -0.22	53.84 2.06 -0.46	54.51 1.98 -0.45	62.62 1.92 -0.79	66.04 1.89 -1.09	69.74 2.31 -1.34	78.91 3.47 -0.09	82.46 4.52 0.00	79.96 3.88 0.00	75.33 2.34 0.00	68.40 0.94 0.00	60.14 0.30 0.00	53.04 0.47 0.00	48.83 0.58 0.00
PGE MADISON___WINDPWR 24146	50.20 3.63 0.00	46.75 3.38 0.00	41.99 2.82 0.00	37.74 2.34 0.00	37.96 2.42 0.00	40.68 2.62 0.00	45.50 3.14 0.00	48.05 3.31 0.00	47.86 2.71 0.00	47.72 2.44 0.00	47.70 2.23 0.00	54.56 3.24 0.00	55.47 3.38 0.00	64.65 4.73 0.00	68.16 5.11 0.00	72.50 6.41 0.00	83.93 8.59 0.00	88.39 10.45 0.00	87.11 11.03 0.00	82.84 9.85 0.00	76.09 8.64 0.00	66.90 7.06 0.00	58.09 5.52 0.00	53.03 4.78 0.00

PIERCEFIELD___HYD 23852	47.50 0.93 0.00	44.49 1.13 0.00	40.19 1.02 0.00	36.26 0.85 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.51 1.14 0.00	45.68 0.94 0.00	45.51 0.36 0.00	45.05 -0.23 0.00	45.07 -0.41 0.00	50.87 -0.46 0.00	51.46 -0.62 0.00	58.78 -1.14 0.00	61.80 -1.26 0.00	64.04 -2.05 0.00	72.41 -2.94 0.00	71.39 -5.69 0.86	71.29 -4.79 0.00	69.20 -3.80 0.00	67.25 -0.20 0.00	60.74 0.90 0.00	53.62 1.05 0.00	49.26 1.01 0.00
PINELAWN_CC_1 323563	49.26 2.70 0.01	46.10 2.73 -0.01	44.67 2.39 -3.11	37.61 2.20 -0.01	37.68 2.13 -0.01	40.42 2.36 -0.01	45.09 2.71 -0.01	47.20 2.46 0.00	47.99 2.85 0.00	48.03 2.76 0.00	47.60 1.91 -0.22	53.85 2.06 -0.47	55.00 2.45 -0.47	63.29 2.52 -0.86	66.70 2.52 -1.12	73.20 3.04 -4.07	82.37 4.44 -2.58	85.80 5.45 -2.40	82.69 4.41 -2.20	75.69 2.70 0.00	67.45 0.00 0.00	59.05 -0.78 0.01	50.98 -0.42 1.17	45.19 -0.44 2.62
PJM_GEN_HTTP_PROXY 323702	48.43 1.86 0.00	44.97 1.61 0.00	40.54 1.37 0.00	36.72 1.31 0.00	36.78 1.24 0.00	39.46 1.41 0.00	43.80 1.74 0.31	46.97 1.92 -0.31	47.72 2.57 0.00	48.09 2.81 -0.01	48.43 2.73 -0.22	54.36 2.57 -0.47	55.04 2.50 -0.46	63.05 2.33 -0.80	66.43 2.27 -1.11	73.18 2.65 -4.44	76.36 3.99 2.98	82.86 4.91 0.00	80.26 4.18 0.00	75.55 2.55 0.00	68.40 0.94 0.00	60.20 0.36 0.00	54.35 0.68 -1.10	48.02 0.87 1.10
PJM_GEN_KEystone 24065	46.61 0.05 0.00	43.08 0.26 0.54	39.05 -0.08 0.04	35.30 -0.11 0.00	35.47 -0.07 0.00	37.94 -0.11 0.00	42.06 0.00 0.31	45.14 0.09 -0.31	45.42 0.27 0.00	46.00 0.72 0.00	46.73 1.14 -0.12	52.91 1.33 -0.25	54.10 1.77 -0.25	62.26 1.92 -0.43	65.67 2.02 -0.59	72.67 2.78 -3.81	75.26 3.99 4.08	81.94 4.99 0.99	79.46 4.41 1.03	74.28 2.62 1.33	67.71 1.42 1.16	59.80 0.66 0.70	53.97 0.58 -0.82	47.82 0.68 1.10
PJM_GEN_NEPTUNE_PROXY 323594	48.61 2.05 0.01	45.45 2.08 -0.01	42.37 1.80 -1.40	37.15 1.73 -0.01	37.22 1.67 -0.01	39.92 1.86 -0.01	44.22 2.16 0.30	47.01 1.97 -0.31	47.49 2.35 0.00	47.58 2.31 0.00	47.64 1.95 -0.21	53.90 2.11 -0.47	55.21 2.65 -0.47	63.42 2.70 -0.81	66.82 2.65 -1.12	73.65 3.11 -4.45	76.82 4.44 2.97	83.40 5.45 -0.01	80.57 4.49 0.00	75.83 2.84 0.00	67.72 0.27 0.00	59.29 -0.54 0.01	51.98 -0.21 0.38	43.54 -0.29 4.42
PJM_GEN_VFT_PROXY 323633	48.15 1.58 0.00	44.71 1.35 0.00	40.31 1.14 0.00	36.54 1.13 0.00	36.61 1.07 0.00	39.23 1.18 0.00	43.58 1.52 0.31	46.75 1.70 -0.31	47.63 2.48 0.00	48.00 2.72 -0.01	48.33 2.64 -0.22	54.05 2.26 -0.47	54.68 2.14 -0.46	62.58 1.86 -0.80	65.87 1.70 -1.11	72.59 2.05 -4.44	60.62 3.31 18.04	68.01 4.21 14.14	64.88 3.50 14.70	55.84 1.89 19.05	51.16 0.34 16.63	49.69 -0.18 9.97	49.95 0.26 2.89	47.73 0.58 1.10
PLATSBURG_115KV_PMLD1 355749	47.17 0.61 0.00	44.19 0.82 0.00	39.95 0.78 0.00	36.08 0.67 0.00	36.25 0.71 0.00	38.81 0.76 0.00	43.39 1.02 0.00	45.41 0.67 0.00	45.60 0.45 0.00	45.59 0.32 0.00	45.97 0.50 0.00	51.74 0.41 0.00	52.34 0.26 0.00	60.15 0.24 0.00	63.18 0.13 0.00	65.63 -0.46 0.00	74.22 -1.13 0.00	75.29 -2.65 0.00	73.87 -2.21 0.00	71.46 -1.53 0.00	67.66 0.20 0.00	60.68 0.84 0.00	53.31 0.74 0.00	48.97 0.72 0.00
PLEASANTVLY___LBMP 24000	47.59 1.02 0.00	44.27 0.91 0.00	40.03 0.86 0.00	36.29 0.89 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.43 1.06 0.00	45.90 1.16 0.00	46.64 1.49 0.00	46.91 1.63 0.00	47.32 1.59 -0.25	53.09 1.23 -0.52	53.90 1.30 -0.52	62.01 1.20 -0.90	65.50 1.20 -1.24	69.21 1.59 -1.53	78.02 2.56 -0.11	81.53 3.59 0.00	79.20 3.12 0.00	74.89 1.90 0.00	68.00 0.54 0.00	59.84 0.00 0.00	52.78 0.21 0.00	48.49 0.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.10 1.54 0.00	44.75 1.39 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.35 1.61 0.00	47.13 1.99 0.00	47.49 2.22 0.00	47.93 2.23 -0.22	53.80 2.00 -0.47	54.63 2.08 -0.47	62.76 2.04 -0.81	66.26 2.08 -1.12	69.98 2.51 -1.38	79.14 3.69 -0.10	82.62 4.68 0.00	80.19 4.11 0.00	75.69 2.70 0.00	68.60 1.15 0.00	60.32 0.48 0.00	53.20 0.63 0.00	48.93 0.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.10 1.54 0.00	44.75 1.39 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.85 1.48 0.00	46.35 1.61 0.00	47.13 1.99 0.00	47.49 2.22 0.00	47.93 2.23 -0.22	53.80 2.00 -0.47	54.63 2.08 -0.47	62.76 2.04 -0.81	66.26 2.08 -1.12	69.98 2.51 -1.38	79.14 3.69 -0.10	82.62 4.68 0.00	80.19 4.11 0.00	75.69 2.70 0.00	68.60 1.15 0.00	60.32 0.48 0.00	53.20 0.63 0.00	48.93 0.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.10 1.54 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.68 1.14 0.00	39.31 1.26 0.00	43.81 1.44 0.00	46.26 1.52 0.00	46.95 1.81 0.00	47.22 1.95 0.00	47.43 1.96 0.00	53.07 1.75 0.00	53.90 1.82 0.00	61.89 1.98 0.00	65.14 2.08 0.00	68.60 2.51 0.00	78.96 3.62 0.00	82.77 4.83 0.00	80.49 4.41 0.00	76.06 3.07 0.00	69.01 1.55 0.00	60.74 0.90 0.00	53.52 0.95 0.00	49.12 0.87 0.00
POLETTI_____ 23519	48.24 1.68 0.00	44.88 1.52 0.00	40.46 1.29 0.00	36.68 1.27 0.00	36.75 1.21 0.00	39.39 1.33 0.00	44.02 1.65 0.00	46.58 1.83 0.00	47.54 2.39 0.00	48.00 2.72 -0.01	48.38 2.68 -0.22	54.00 2.21 -0.47	54.83 2.29 -0.46	62.80 2.10 -0.79	66.23 2.08 -1.09	69.89 2.45 -1.35	79.12 3.69 -0.08	82.60 4.68 0.02	80.02 3.96 0.02	75.38 2.41 0.02	68.18 0.74 0.02	60.00 0.18 0.02	53.10 0.53 0.00	48.93 0.68 0.00
POMONA___ESR 323819	47.96 1.40 0.00	44.53 1.17 0.00	40.23 1.06 0.00	36.47 1.06 0.00	36.57 1.03 0.00	39.19 1.14 0.00	43.73 1.36 0.00	46.21 1.47 0.00	47.09 1.94 0.00	47.36 2.08 0.00	47.78 2.09 -0.21	53.87 2.11 -0.44	54.54 2.03 -0.43	62.70 2.04 -0.75	66.17 2.08 -1.04	69.88 2.51 -1.28	79.13 3.69 -0.09	82.62 4.68 0.00	80.18 4.11 0.00	75.55 2.55 0.00	68.47 1.01 0.00	60.20 0.36 0.00	53.10 0.53 0.00	48.83 0.58 0.00
PORT_JEFF_3 23555	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.09 2.71 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.05 2.26 -0.47	55.58 3.02 -0.48	64.34 2.88 -1.55	67.21 3.03 -1.13	113.89 3.43 -44.36	119.69 4.75 -39.59	121.85 5.69 -38.22	116.17 4.87 -35.22	76.21 3.21 -0.01	67.72 0.27 0.00	59.53 -0.30 0.01	50.79 -0.42 1.36	45.02 -0.19 3.04
PORT_JEFF_4 23616	49.40 2.84 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.71 2.30 -0.01	37.72 2.17 -0.01	40.50 2.44 -0.01	45.09 2.71 -0.01	47.15 2.41 0.00	47.94 2.80 0.00	47.99 2.72 0.00	47.87 2.18 -0.22	54.05 2.26 -0.47	55.58 3.02 -0.48	64.34 2.88 -1.55	67.21 3.03 -1.13	113.89 3.43 -44.36	119.69 4.75 -39.59	121.85 5.69 -38.22	116.17 4.87 -35.22	76.21 3.21 -0.01	67.72 0.27 0.00	59.53 -0.30 0.01	50.79 -0.42 1.36	45.02 -0.19 3.04

PORT_JEFF_IC 23713	47.87 1.30 0.01	46.23 2.86 -0.01	44.92 2.55 -3.21	37.75 2.34 -0.01	37.75 2.20 -0.01	40.57 2.51 -0.01	45.09 2.71 -0.01	46.35 1.61 0.00	46.86 1.72 0.00	47.27 1.99 0.00	48.01 2.32 -0.22	54.06 2.26 -0.47	55.84 3.28 -0.47	64.50 2.94 -1.65	67.27 3.09 -1.12	120.62 3.57 -50.95	125.89 4.90 -45.65	127.94 5.92 -44.07	121.64 4.95 -40.61	76.44 3.43 -0.01	67.79 0.34 0.00	59.77 -0.06 0.00	51.01 -0.21 1.35	45.08 -0.14 3.02
PPL PILGRIM_ST_GT1 24216	49.63 3.07 0.01	46.49 3.12 -0.01	45.06 2.70 -3.19	37.93 2.51 -0.01	37.97 2.42 -0.01	40.76 2.70 -0.01	45.43 3.05 -0.01	47.51 2.77 0.00	48.26 3.11 0.00	48.35 3.08 0.00	48.14 2.45 -0.22	54.62 2.82 -0.47	56.04 3.49 -0.47	64.59 3.72 -0.96	67.77 3.59 -1.12	80.37 4.17 -10.11	89.13 5.65 -8.13	92.49 6.78 -7.77	88.94 5.71 -7.15	76.86 3.87 0.00	68.40 0.94 0.00	60.13 0.30 0.01	51.40 0.16 1.33	45.33 0.05 2.97
PPL PILGRIM_ST_GT2 24217	49.63 3.07 0.01	46.49 3.12 -0.01	45.06 2.70 -3.19	37.93 2.51 -0.01	37.97 2.42 -0.01	40.76 2.70 -0.01	45.43 3.05 -0.01	47.51 2.77 0.00	48.26 3.11 0.00	48.35 3.08 0.00	48.14 2.45 -0.22	54.62 2.82 -0.47	56.04 3.49 -0.47	64.59 3.72 -0.96	67.77 3.59 -1.12	80.37 4.17 -10.11	89.13 5.65 -8.13	92.49 6.78 -7.77	88.94 5.71 -7.15	76.86 3.87 0.00	68.40 0.94 0.00	60.13 0.30 0.01	51.40 0.16 1.33	45.33 0.05 2.97
PPL_SHRM_GT3 24213	49.54 2.98 0.01	46.27 2.91 -0.01	44.89 2.51 -3.21	37.68 2.27 -0.01	37.65 2.10 -0.01	40.46 2.40 -0.01	44.96 2.58 -0.01	46.97 2.24 0.00	47.81 2.66 0.00	47.85 2.58 0.00	47.92 2.23 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	65.01 3.53 -1.56	67.90 3.72 -1.13	115.67 4.29 -45.28	121.73 5.95 -40.43	124.07 7.09 -39.04	118.06 6.01 -35.97	77.23 4.23 -0.01	68.53 1.08 0.00	60.01 0.18 0.01	51.16 -0.05 1.35	45.12 -0.10 3.03
PPL_SHRM_GT4 24214	49.54 2.98 0.01	46.27 2.91 -0.01	44.89 2.51 -3.21	37.68 2.27 -0.01	37.65 2.10 -0.01	40.46 2.40 -0.01	44.96 2.58 -0.01	46.97 2.24 0.00	47.81 2.66 0.00	47.85 2.58 0.00	47.92 2.23 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	65.01 3.53 -1.56	67.90 3.72 -1.13	115.67 4.29 -45.28	121.73 5.95 -40.43	124.07 7.09 -39.04	118.06 6.01 -35.97	77.23 4.23 -0.01	68.53 1.08 0.00	60.01 0.18 0.01	51.16 -0.05 1.35	45.12 -0.10 3.03
PROJECT___ORANGE 1 24174	46.20 -0.37 0.00	43.01 -0.35 0.00	38.70 -0.47 0.00	34.91 -0.50 0.00	35.04 -0.50 0.00	37.52 -0.53 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.70 -0.45 0.00	44.91 -0.36 0.00	45.25 -0.23 0.00	51.33 0.00 0.00	52.08 0.00 0.00	60.15 0.24 0.00	63.37 0.32 0.00	66.89 0.79 0.00	76.55 1.21 0.00	79.94 2.03 0.02	77.91 1.83 0.00	74.38 1.39 0.00	68.20 0.74 0.00	60.20 0.36 0.00	52.73 0.16 0.00	48.39 0.14 0.00
PROJECT___ORANGE 2 24166	46.20 -0.37 0.00	43.01 -0.35 0.00	38.70 -0.47 0.00	34.91 -0.50 0.00	35.04 -0.50 0.00	37.52 -0.53 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.70 -0.45 0.00	44.91 -0.36 0.00	45.25 -0.23 0.00	51.33 0.00 0.00	52.08 0.00 0.00	60.15 0.24 0.00	63.37 0.32 0.00	66.89 0.79 0.00	76.55 1.21 0.00	79.94 2.03 0.02	77.91 1.83 0.00	74.38 1.39 0.00	68.20 0.74 0.00	60.20 0.36 0.00	52.73 0.16 0.00	48.39 0.14 0.00
PUCKETT___SOLAR 323809	47.50 0.93 0.00	44.31 0.95 0.00	39.83 0.67 0.00	35.90 0.50 0.00	36.11 0.57 0.00	38.66 0.61 0.00	43.13 0.76 0.00	45.55 0.81 0.00	45.69 0.54 0.00	45.82 0.55 0.00	46.11 0.64 0.00	52.25 0.92 0.00	53.28 1.20 0.00	61.65 1.74 0.00	65.01 1.96 0.00	68.80 2.71 0.00	79.26 3.92 0.00	83.16 5.22 0.00	81.40 5.32 0.00	77.30 4.31 0.00	70.96 3.51 0.00	62.41 2.57 0.00	54.57 2.00 0.00	49.98 1.73 0.00
PYRITES___HYD 24023	48.48 1.91 0.00	45.27 1.91 0.00	40.93 1.76 0.00	36.86 1.45 0.00	37.00 1.46 0.00	39.61 1.56 0.00	44.23 1.86 0.00	46.31 1.57 0.00	46.05 0.90 0.00	45.59 0.32 0.00	45.47 0.00 0.00	51.48 0.15 0.00	52.03 -0.05 0.00	59.55 -0.36 0.00	62.55 -0.50 0.00	64.84 -1.26 0.00	73.46 -1.88 0.00	72.43 -4.60 0.91	72.81 -3.27 0.00	70.95 -2.04 0.00	69.01 1.55 0.00	62.23 2.39 0.00	54.78 2.21 0.00	50.23 1.98 0.00
QUAKERRD_115KV_BK1 80622	45.82 -0.75 0.00	42.84 -0.52 0.00	38.19 -0.98 0.00	34.31 -1.10 0.00	34.47 -1.07 0.00	36.80 -1.26 0.00	41.18 -1.19 0.00	43.71 -1.03 0.00	44.15 -0.99 0.00	44.55 -0.72 0.00	45.16 -0.32 0.00	51.84 0.51 0.00	52.92 0.83 0.00	61.23 1.32 0.00	64.38 1.32 0.00	68.21 2.11 0.00	78.36 3.01 0.00	82.07 4.13 0.00	79.58 3.50 0.00	75.84 2.85 0.00	69.28 1.82 0.00	60.98 1.14 0.00	53.36 0.79 0.00	48.93 0.68 0.00
QUENSBRY_115KV_TB8 356137	48.20 1.63 0.00	44.66 1.30 0.00	40.38 1.21 0.00	36.54 1.13 0.00	36.71 1.17 0.00	39.35 1.29 0.00	43.68 1.31 0.00	46.13 1.39 0.00	46.37 1.22 0.00	46.09 0.81 0.00	45.37 0.09 0.19	50.82 -0.10 0.41	51.58 -0.10 0.40	59.16 -0.06 0.69	62.48 0.38 0.96	66.10 1.19 1.18	77.75 2.49 0.08	81.92 3.98 0.00	81.10 5.02 0.00	77.37 4.38 0.00	70.76 3.31 0.00	62.11 2.27 0.00	54.36 1.79 0.00	49.75 1.50 0.00
RAMAPO___LBMP 323565	47.69 1.12 0.00	44.36 1.00 0.00	40.07 0.90 0.00	36.36 0.96 0.00	36.43 0.89 0.00	39.04 0.99 0.00	43.51 1.14 0.00	46.04 1.30 0.00	46.82 1.67 0.00	47.13 1.86 0.00	47.59 1.91 -0.20	53.40 1.64 -0.43	54.22 1.72 -0.42	62.33 1.68 -0.74	65.84 1.77 -1.02	69.46 2.11 -1.26	78.68 3.24 -0.09	82.15 4.21 0.00	79.73 3.65 0.00	75.33 2.34 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.88 0.32 0.00	48.59 0.34 0.00
RANKINE____ 23646	46.89 0.33 0.00	44.19 0.82 0.00	38.93 -0.24 0.00	34.87 -0.53 0.00	35.11 -0.43 0.00	37.37 -0.68 0.00	41.95 -0.42 0.00	44.43 -0.31 0.00	44.88 -0.27 0.00	45.73 0.45 0.00	46.84 1.36 0.00	54.46 3.13 0.00	55.94 3.85 0.00	64.35 4.43 0.00	67.47 4.41 0.00	71.91 5.82 0.00	82.81 7.46 0.00	86.83 8.89 0.00	84.22 8.14 0.00	79.71 6.72 0.00	72.11 4.65 0.00	63.49 3.65 0.00	55.51 2.94 0.00	51.34 3.09 0.00
RAVENSWOOD_GT2_1 24244	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.11 4.03 0.00	75.47 2.48 0.00	68.26 0.81 0.00	60.14 0.30 0.00	53.20 0.63 0.00	49.07 0.82 0.00
RAVENSWOOD_GT2_2 24245	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.62 4.68 0.00	80.11 4.03 0.00	75.47 2.48 0.00	68.26 0.81 0.00	60.14 0.30 0.00	53.20 0.63 0.00	49.07 0.82 0.00

RAVENSWOOD_GT2_3 24246	48.38 1.82 0.00	45.01 1.65 0.00	40.58 1.41 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.50 1.45 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.05 2.76 -0.01	48.47 2.77 -0.22	54.11 2.31 -0.47	54.94 2.40 -0.46	62.99 2.28 -0.80	66.37 2.21 -1.11	69.97 2.51 -1.37	79.29 3.84 -0.10	82.70 4.75 0.00	80.19 4.11 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT2_4 24247	48.38 1.82 0.00	45.01 1.65 0.00	40.58 1.41 0.00	36.79 1.38 0.00	36.82 1.28 0.00	39.50 1.45 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.05 2.76 -0.01	48.47 2.77 -0.22	54.11 2.31 -0.47	54.94 2.40 -0.46	62.99 2.28 -0.80	66.37 2.21 -1.11	69.97 2.51 -1.37	79.29 3.84 -0.10	82.70 4.75 0.00	80.19 4.11 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT3_1 24248	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.11 4.03 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.14 0.30 0.00	53.20 0.63 0.00	49.07 0.82 0.00
RAVENSWOOD_GT3_2 24249	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.11 4.03 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.14 0.30 0.00	53.20 0.63 0.00	49.07 0.82 0.00
RAVENSWOOD_GT3_3 24250	48.43 1.86 0.00	45.05 1.69 0.00	40.62 1.45 0.00	36.82 1.42 0.00	36.86 1.32 0.00	39.54 1.48 0.00	44.15 1.78 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.09 2.81 -0.01	48.52 2.82 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	63.05 2.34 -0.80	66.44 2.27 -1.11	70.10 2.64 -1.37	79.36 3.92 -0.10	82.85 4.91 0.00	80.34 4.26 0.00	75.69 2.70 0.00	68.47 1.01 0.00	60.26 0.42 0.00	53.31 0.74 0.00	49.17 0.92 0.00
RAVENSWOOD_GT3_4 24251	48.43 1.86 0.00	45.05 1.69 0.00	40.62 1.45 0.00	36.82 1.42 0.00	36.86 1.32 0.00	39.54 1.48 0.00	44.15 1.78 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.09 2.81 -0.01	48.52 2.82 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	63.05 2.34 -0.80	66.44 2.27 -1.11	70.10 2.64 -1.37	79.36 3.92 -0.10	82.85 4.91 0.00	80.34 4.26 0.00	75.69 2.70 0.00	68.47 1.01 0.00	60.26 0.42 0.00	53.31 0.74 0.00	49.17 0.92 0.00
RAVENSWOOD_GT_1 23729	48.62 2.05 0.00	45.18 1.82 0.00	40.77 1.61 0.00	36.93 1.52 0.00	37.00 1.46 0.00	39.69 1.64 0.00	44.32 1.95 0.00	46.89 2.15 0.00	47.76 2.62 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.94 2.40 -0.46	60.97 1.86 0.80	61.19 1.77 3.64	63.50 2.11 4.71	65.40 3.32 13.26	65.98 4.29 16.25	63.96 3.58 15.69	61.74 2.12 13.37	59.97 0.47 7.95	58.08 0.00 1.76	52.99 0.42 0.00	49.36 1.11 0.00
RAVENSWOOD_GT_10 24258	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.19 4.11 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_11 24259	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.19 4.11 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_4 24252	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.11 4.03 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_5 24254	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.11 4.03 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_6 24253	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.11 4.03 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_7 24255	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.11 1.74 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.11 4.03 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.19 4.11 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00
RAVENSWOOD_GT_9 24257	48.34 1.77 0.00	44.97 1.60 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.06 1.69 0.00	46.66 1.92 0.00	47.58 2.44 0.00	48.00 2.72 -0.01	48.43 2.73 -0.22	54.06 2.26 -0.47	54.89 2.34 -0.46	62.93 2.22 -0.80	66.31 2.14 -1.11	69.97 2.51 -1.37	79.21 3.77 -0.10	82.70 4.75 0.00	80.19 4.11 0.00	75.55 2.55 0.00	68.33 0.88 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.07 0.82 0.00

RAVENSWOOD___1 23533	48.67 2.10 -0.01	45.23 1.86 -0.01	40.78 1.61 -0.01	36.94 1.52 -0.01	37.01 1.46 -0.01	39.66 1.60 -0.01	44.33 1.95 -0.01	46.90 2.15 -0.01	47.90 2.75 0.00	48.36 3.08 -0.01	48.71 3.00 -0.23	54.57 2.77 -0.47	55.04 2.50 -0.46	60.66 1.86 1.11	60.18 1.70 4.58	62.23 2.05 5.91	62.67 3.24 15.91	62.67 4.21 19.48	60.77 3.50 18.82	58.86 1.89 16.03	58.33 0.41 9.54	58.02 -0.06 1.76	52.99 0.42 0.00	49.41 1.16 -0.01
RAVENSWOOD___2 23534	48.58 2.00 -0.01	45.15 1.78 -0.01	40.70 1.53 -0.01	36.87 1.45 -0.01	36.93 1.38 -0.01	39.59 1.52 -0.01	44.24 1.86 -0.01	46.81 2.06 -0.01	47.81 2.66 0.00	48.27 2.99 -0.01	48.57 2.87 -0.23	54.41 2.62 -0.47	54.94 2.40 -0.46	60.17 1.38 1.12	59.59 1.14 4.60	61.60 1.45 5.94	61.84 2.48 15.99	61.80 3.43 19.57	60.07 2.89 18.90	58.21 1.32 16.10	57.81 -0.07 9.58	57.60 -0.48 1.76	52.83 0.26 0.00	49.32 1.06 -0.01
RAVENSWOOD___3 23535	48.48 1.91 0.00	45.01 1.65 0.00	40.58 1.41 0.00	36.75 1.35 0.00	36.82 1.28 0.00	39.46 1.41 0.00	44.15 1.78 0.00	46.71 1.97 0.00	47.72 2.57 0.00	48.09 2.81 -0.01	48.43 2.73 -0.22	54.36 2.57 -0.47	54.99 2.45 -0.46	62.99 2.28 -0.80	66.31 2.15 -1.11	69.97 2.51 -1.37	79.28 3.84 -0.10	82.70 4.76 0.00	80.11 4.03 0.00	75.40 2.41 0.00	68.33 0.87 0.00	60.20 0.36 0.00	53.25 0.68 0.00	49.16 0.91 0.00
RAVENSWOOD___4 23820	48.62 2.05 -0.01	45.23 1.86 -0.01	40.78 1.61 -0.01	36.94 1.52 -0.01	36.97 1.42 -0.01	39.66 1.60 -0.01	44.33 1.95 -0.01	46.85 2.10 -0.01	47.90 2.75 0.00	48.36 3.08 -0.01	48.66 2.95 -0.23	54.52 2.72 -0.47	55.04 2.50 -0.46	60.22 1.74 1.43	59.16 1.64 5.53	60.94 1.98 7.13	59.90 3.16 18.61	59.24 4.05 22.75	57.53 3.43 21.98	56.10 1.83 18.72	56.66 0.34 11.14	57.96 -0.12 1.76	52.94 0.37 0.00	49.41 1.16 -0.01
RCPL_TRUST___DRP 24196	48.38 1.82 0.00	45.01 1.65 0.00	40.58 1.41 0.00	36.79 1.38 0.00	36.86 1.32 0.00	39.50 1.45 0.00	44.15 1.78 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.13 2.85 -0.01	48.56 2.86 -0.22	54.21 2.41 -0.47	55.10 2.55 -0.46	63.11 2.40 -0.80	66.56 2.40 -1.11	70.30 2.84 -1.37	79.59 4.14 -0.10	83.01 5.07 0.00	80.49 4.41 0.00	75.84 2.85 0.00	68.53 1.08 0.00	60.26 0.42 0.00	53.31 0.74 0.00	49.12 0.87 0.00
RED___ROCHESTER 323720	47.17 0.60 0.00	44.18 0.82 0.00	39.41 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.33 -0.04 0.00	44.97 0.22 0.00	45.15 0.00 0.00	45.86 0.59 0.00	46.70 1.23 0.00	53.28 1.95 0.00	54.89 2.81 0.00	63.75 3.84 0.00	67.15 4.10 0.00	71.11 5.02 0.00	81.75 6.40 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.18 5.18 0.00	71.98 4.52 0.00	63.31 3.47 0.00	55.35 2.78 0.00	50.71 2.46 0.00
REGAN___SOLAR 323812	49.31 2.75 0.00	45.74 2.38 0.00	41.28 2.11 0.00	37.28 1.88 0.00	37.49 1.95 0.00	40.22 2.17 0.00	44.74 2.37 0.00	46.71 1.97 0.00	46.23 1.08 0.00	45.37 0.09 0.00	44.66 -0.68 0.13	50.03 -1.03 0.28	50.56 -1.25 0.27	58.18 -1.26 0.47	61.52 -0.88 0.66	65.42 0.13 0.81	77.33 2.04 0.06	82.62 4.68 0.00	82.39 6.31 0.00	79.12 6.13 0.00	72.65 5.19 0.00	63.79 3.95 0.00	55.83 3.26 0.00	51.05 2.80 0.00
RENSSELAER___COGEN 23796	46.19 -0.37 0.00	42.89 -0.48 0.00	38.85 -0.31 0.00	35.26 -0.14 0.00	35.40 -0.14 0.00	37.83 -0.23 0.00	42.08 -0.29 0.00	44.38 -0.36 0.00	44.88 -0.27 0.00	44.82 -0.45 0.00	44.66 -0.64 0.17	50.09 -0.87 0.36	50.73 -0.99 0.36	58.03 -1.26 0.62	60.87 -1.33 0.86	63.90 -1.12 1.06	74.59 -0.68 0.08	78.10 0.16 0.00	76.31 0.23 0.00	72.48 -0.51 0.00	66.37 -1.08 0.00	58.46 -1.37 0.00	51.52 -1.05 0.00	47.23 -1.02 0.00
REPUBLIC_115KV_BARTNBK 55605	50.11 3.54 0.00	46.35 2.99 0.00	41.83 2.66 0.00	37.78 2.37 0.00	37.99 2.45 0.00	40.76 2.70 0.00	45.25 2.88 0.00	47.65 2.91 0.00	47.72 2.57 0.00	47.22 1.95 0.00	46.46 1.18 0.20	52.05 1.13 0.41	52.77 1.09 0.40	60.83 1.62 0.70	64.42 2.33 0.97	68.46 3.57 1.20	80.84 5.58 0.08	85.58 7.64 0.00	85.06 8.98 0.00	81.39 8.39 0.00	74.40 6.95 0.00	65.10 5.27 0.00	56.83 4.26 0.00	51.87 3.62 0.00
REVERE_CPPR_DRP 24186	48.52 1.96 0.00	45.14 1.78 0.00	40.66 1.49 0.00	36.65 1.24 0.00	36.78 1.24 0.00	39.42 1.37 0.00	43.98 1.61 0.00	46.40 1.66 0.00	46.59 1.44 0.00	46.50 1.22 0.00	46.52 1.05 0.00	52.97 1.64 0.00	53.64 1.56 0.00	62.13 2.22 0.00	65.39 2.33 0.00	69.00 2.91 0.00	79.27 3.92 0.00	82.78 4.91 0.07	81.33 5.25 0.00	77.96 4.96 0.00	71.77 4.32 0.00	63.37 3.53 0.00	55.30 2.73 0.00	50.52 2.27 0.00
REYNLDPA_13_KV_LD 356490	47.45 0.88 0.00	44.23 0.87 0.00	39.99 0.82 0.00	36.08 0.67 0.00	36.22 0.68 0.00	38.78 0.72 0.00	43.26 0.89 0.00	45.50 0.76 0.00	45.69 0.54 0.00	45.68 0.41 0.00	45.75 0.27 0.00	51.84 0.51 0.00	52.45 0.36 0.00	60.21 0.30 0.00	63.25 0.19 0.00	65.70 -0.40 0.00	74.29 -1.05 0.00	75.20 -2.88 -0.14	73.64 -2.43 0.00	71.31 -1.68 0.00	67.66 0.20 0.00	60.74 0.90 0.00	53.41 0.84 0.00	49.12 0.87 0.00
REYNOLDS_115KV_TB3 80639	46.61 0.05 0.00	43.32 -0.04 0.00	39.25 0.08 0.00	35.62 0.21 0.00	35.75 0.21 0.00	38.24 0.19 0.00	42.50 0.13 0.00	44.87 0.13 0.00	45.33 0.18 0.00	45.32 0.05 0.00	45.17 -0.09 0.21	50.43 -0.46 0.44	51.18 -0.47 0.43	58.50 -0.66 0.75	61.39 -0.63 1.04	64.41 -0.40 1.28	75.48 0.23 0.09	79.11 1.17 0.00	77.30 1.22 0.00	73.43 0.44 0.00	67.12 -0.34 0.00	59.12 -0.72 0.00	52.10 -0.47 0.00	47.77 -0.48 0.00
RIVERBAY____ 323610	49.69 3.12 0.00	46.14 2.78 0.00	41.60 2.43 0.00	37.67 2.27 0.00	37.71 2.17 0.00	40.45 2.40 0.00	45.08 2.71 0.00	47.69 2.95 0.00	48.58 3.43 0.00	48.82 3.53 -0.01	49.33 3.64 -0.22	54.99 3.18 -0.48	55.62 3.07 -0.46	63.46 2.76 -0.79	66.87 2.71 -1.10	70.62 3.17 -1.36	80.03 4.60 -0.09	83.62 5.69 0.01	81.02 4.95 0.01	76.41 3.43 0.01	69.13 1.69 0.01	60.85 1.02 0.01	53.94 1.37 -0.01	50.23 1.98 0.00
RIVERSDE_115KV_TB3 55908	46.47 -0.09 0.00	43.19 -0.17 0.00	39.13 -0.04 0.00	35.51 0.11 0.00	35.65 0.11 0.00	38.13 0.08 0.00	42.33 -0.04 0.00	44.74 0.00 0.00	45.19 0.05 0.00	45.18 -0.09 0.00	45.01 -0.27 0.19	50.31 -0.62 0.40	51.06 -0.62 0.40	58.44 -0.78 0.69	61.34 -0.76 0.96	64.39 -0.53 1.18	75.34 0.08 0.08	78.95 1.01 0.00	77.07 0.99 0.00	73.28 0.29 0.00	66.98 -0.47 0.00	59.00 -0.84 0.00	51.94 -0.63 0.00	47.67 -0.58 0.00
ROARING___BROOK_WT_PWR 323790	46.48 -0.09 0.00	43.32 -0.04 0.00	39.17 0.00 0.00	35.44 0.04 0.00	35.58 0.04 0.00	38.13 0.08 0.00	42.45 0.08 0.00	44.79 0.04 0.00	45.15 0.00 0.00	45.23 -0.05 0.00	45.38 -0.09 0.00	51.28 -0.05 0.00	51.98 -0.10 0.00	59.73 -0.18 0.00	62.87 -0.19 0.00	65.76 -0.33 0.00	74.82 -0.52 0.00	77.12 -0.86 -0.03	75.32 -0.76 0.00	72.63 -0.36 0.00	67.25 -0.20 0.00	59.78 -0.06 0.00	52.52 -0.05 0.00	48.20 -0.05 0.00

ROCHESRG_115KV_T4 355643	46.29 -0.28 0.00	43.40 0.04 0.00	38.62 -0.55 0.00	34.66 -0.74 0.00	34.83 -0.71 0.00	37.14 -0.91 0.00	41.61 -0.76 0.00	44.07 -0.67 0.00	44.56 -0.59 0.00	45.05 -0.23 0.00	45.75 0.27 0.00	52.66 1.33 0.00	53.75 1.67 0.00	62.07 2.16 0.00	65.20 2.14 0.00	69.73 3.64 0.00	80.09 4.75 0.00	83.94 6.00 0.00	81.33 5.25 0.00	77.52 4.53 0.00	70.69 3.24 0.00	62.23 2.39 0.00	54.46 1.89 0.00	50.08 1.83 0.00
ROCHESTER_9_IC 23652	47.08 0.51 0.00	44.10 0.74 0.00	39.17 0.00 0.00	35.12 -0.28 0.00	35.33 -0.21 0.00	37.67 -0.38 0.00	42.20 -0.17 0.00	44.79 0.04 0.00	45.24 0.09 0.00	45.73 0.45 0.00	46.43 0.95 0.00	53.54 2.21 0.00	54.69 2.60 0.00	63.33 3.42 0.00	66.59 3.53 0.00	70.39 4.30 0.00	80.85 5.50 0.00	84.80 6.86 0.00	82.17 6.09 0.00	78.25 5.26 0.00	71.37 3.91 0.00	62.77 2.93 0.00	54.94 2.37 0.00	50.47 2.22 0.00
ROCKVIEW_13_KV_LD 356306	48.34 1.77 0.00	45.01 1.65 0.00	40.62 1.45 0.00	36.79 1.38 0.00	36.86 1.32 0.00	39.54 1.48 0.00	44.11 1.74 0.00	46.62 1.88 0.00	47.45 2.30 0.00	47.86 2.58 0.00	48.29 2.59 -0.22	54.16 2.36 -0.47	54.99 2.45 -0.46	63.17 2.46 -0.80	66.69 2.52 -1.11	70.37 2.91 -1.37	79.66 4.22 -0.10	83.24 5.30 0.00	80.72 4.64 0.00	76.13 3.14 0.00	68.94 1.48 0.00	60.56 0.72 0.00	53.46 0.89 0.00	49.17 0.92 0.00
ROME____115KV_TB2 80656	48.52 1.96 0.00	45.14 1.78 0.00	40.66 1.49 0.00	36.65 1.24 0.00	36.78 1.24 0.00	39.42 1.37 0.00	43.98 1.61 0.00	46.40 1.66 0.00	46.59 1.44 0.00	46.50 1.22 0.00	46.52 1.05 0.00	52.97 1.64 0.00	53.64 1.56 0.00	62.13 2.22 0.00	65.39 2.33 0.00	69.00 2.91 0.00	79.27 3.92 0.00	82.78 4.91 0.07	81.33 5.25 0.00	77.96 4.96 0.00	71.77 4.32 0.00	63.37 3.53 0.00	55.30 2.73 0.00	50.52 2.27 0.00
ROSETON___1 23587	47.68 1.12 0.00	44.27 0.91 0.00	40.03 0.86 0.00	36.29 0.89 0.00	36.36 0.82 0.00	38.97 0.91 0.00	43.43 1.06 0.00	45.90 1.16 0.00	46.73 1.58 0.00	46.90 1.63 0.00	47.23 1.55 -0.20	53.25 1.49 -0.43	53.81 1.30 -0.42	61.85 1.20 -0.74	65.27 1.20 -1.02	68.87 1.52 -1.26	78.00 2.56 -0.09	81.45 3.51 0.00	79.13 3.05 0.00	74.74 1.75 0.00	67.93 0.48 0.00	59.78 -0.06 0.00	52.78 0.21 0.00	48.59 0.34 0.00
ROSETON___2 23588	47.68 1.12 0.00	44.27 0.91 0.00	40.03 0.86 0.00	36.29 0.89 0.00	36.36 0.82 0.00	38.97 0.91 0.00	43.43 1.06 0.00	45.90 1.16 0.00	46.73 1.58 0.00	46.90 1.63 0.00	47.23 1.55 -0.20	53.25 1.49 -0.43	53.81 1.30 -0.42	61.85 1.20 -0.74	65.27 1.20 -1.02	68.87 1.52 -1.26	78.00 2.56 -0.09	81.45 3.51 0.00	79.13 3.05 0.00	74.74 1.75 0.00	67.93 0.48 0.00	59.78 -0.06 0.00	52.78 0.21 0.00	48.59 0.34 0.00
ROTTRDAM_115KV_TB3 80664	47.36 0.79 0.00	44.01 0.65 0.00	39.83 0.67 0.00	36.04 0.64 0.00	36.18 0.64 0.00	38.74 0.68 0.00	43.05 0.68 0.00	45.46 0.72 0.00	45.82 0.68 0.00	45.82 0.54 0.00	45.69 0.36 0.15	51.17 0.15 0.31	51.98 0.21 0.31	59.56 0.18 0.54	62.63 0.32 0.74	65.77 0.59 0.92	76.64 1.36 0.06	80.20 2.26 0.00	78.51 2.43 0.00	74.89 1.90 0.00	68.67 1.21 0.00	60.56 0.72 0.00	53.20 0.63 0.00	48.78 0.53 0.00
RUSSELL___1 23602	47.41 0.84 0.00	44.32 0.95 0.00	39.40 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.45 0.08 0.00	45.05 0.31 0.00	45.51 0.36 0.00	46.00 0.72 0.00	46.70 1.23 0.00	53.89 2.57 0.00	55.05 2.97 0.00	63.87 3.95 0.00	67.16 4.10 0.00	71.05 4.96 0.00	81.60 6.25 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.98 5.99 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.36 2.79 0.00	50.81 2.56 0.00
RUSSELL___2 23532	47.41 0.84 0.00	44.32 0.95 0.00	39.40 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.45 0.08 0.00	45.05 0.31 0.00	45.51 0.36 0.00	46.00 0.72 0.00	46.70 1.23 0.00	53.89 2.57 0.00	55.05 2.97 0.00	63.87 3.95 0.00	67.16 4.10 0.00	71.05 4.96 0.00	81.60 6.25 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.98 5.99 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.36 2.79 0.00	50.81 2.56 0.00
RUSSELL___3 23549	47.41 0.84 0.00	44.32 0.95 0.00	39.40 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.45 0.08 0.00	45.05 0.31 0.00	45.51 0.36 0.00	46.00 0.72 0.00	46.70 1.23 0.00	53.89 2.57 0.00	55.05 2.97 0.00	63.87 3.95 0.00	67.16 4.10 0.00	71.05 4.96 0.00	81.60 6.25 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.98 5.99 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.36 2.79 0.00	50.81 2.56 0.00
RUSSELL___4 23556	47.41 0.84 0.00	44.32 0.95 0.00	39.40 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.45 0.08 0.00	45.05 0.31 0.00	45.51 0.36 0.00	46.00 0.72 0.00	46.70 1.23 0.00	53.89 2.57 0.00	55.05 2.97 0.00	63.87 3.95 0.00	67.16 4.10 0.00	71.05 4.96 0.00	81.60 6.25 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.98 5.99 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.36 2.79 0.00	50.81 2.56 0.00
RUSSELL___STATION 23914	47.41 0.84 0.00	44.32 0.95 0.00	39.40 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.45 0.08 0.00	45.05 0.31 0.00	45.51 0.36 0.00	46.00 0.72 0.00	46.70 1.23 0.00	53.89 2.57 0.00	55.05 2.97 0.00	63.87 3.95 0.00	67.16 4.10 0.00	71.05 4.96 0.00	81.60 6.25 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.98 5.99 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.36 2.79 0.00	50.81 2.56 0.00
S SALMON___HYD 24043	46.80 0.23 0.00	43.67 0.31 0.00	39.29 0.12 0.00	35.41 0.00 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.88 0.13 0.00	45.01 -0.14 0.00	45.10 -0.18 0.00	45.25 -0.23 0.00	51.28 -0.05 0.00	51.98 -0.10 0.00	60.03 0.12 0.00	63.18 0.13 0.00	66.69 0.59 0.00	76.32 0.98 0.00	79.50 1.64 0.08	77.98 1.90 0.00	74.74 1.75 0.00	69.01 1.55 0.00	61.15 1.31 0.00	53.52 0.95 0.00	49.07 0.82 0.00
S.PERRY__115KV_TB1 80734	47.27 0.70 0.00	44.19 0.82 0.00	39.25 0.08 0.00	35.16 -0.25 0.00	35.36 -0.18 0.00	37.79 -0.27 0.00	42.37 0.00 0.00	44.56 -0.18 0.00	44.47 -0.68 0.00	44.73 -0.54 0.00	45.38 -0.09 0.00	52.25 0.92 0.00	53.44 1.35 0.00	61.83 1.92 0.00	65.20 2.14 0.00	69.00 2.91 0.00	79.49 4.14 0.00	84.25 6.31 0.00	82.70 6.62 0.00	79.56 6.57 0.00	72.72 5.26 0.00	63.91 4.07 0.00	55.78 3.21 0.00	52.74 4.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.47 -0.09 0.00	43.88 0.52 0.00	38.66 -0.51 0.00	34.59 -0.81 0.00	34.83 -0.71 0.00	37.06 -0.99 0.00	41.56 -0.81 0.00	44.02 -0.72 0.00	44.51 -0.63 0.00	45.37 0.09 0.00	46.47 1.00 0.00	54.00 2.67 0.00	55.47 3.39 0.00	63.69 3.77 0.00	66.78 3.72 0.00	71.18 5.09 0.00	81.75 6.40 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.37 3.91 0.00	62.89 3.05 0.00	55.04 2.47 0.00	50.95 2.70 0.00

SAWYER___23_KV_LOAD 55526	46.47 -0.09 0.00	43.88 0.52 0.00	38.66 -0.51 0.00	34.59 -0.81 0.00	34.83 -0.71 0.00	37.06 -0.99 0.00	41.56 -0.81 0.00	44.02 -0.72 0.00	44.51 -0.63 0.00	45.37 0.09 0.00	46.47 1.00 0.00	54.00 2.67 0.00	55.47 3.39 0.00	63.69 3.77 0.00	66.78 3.72 0.00	71.18 5.09 0.00	81.75 6.40 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.76 5.77 0.00	71.37 3.91 0.00	62.89 3.05 0.00	55.04 2.47 0.00	50.95 2.70 0.00
SELKIRK___I 23801	45.82 -0.75 0.00	42.54 -0.83 0.00	38.58 -0.59 0.00	34.94 -0.46 0.00	35.12 -0.42 0.00	37.52 -0.53 0.00	41.65 -0.72 0.00	43.89 -0.85 0.00	44.24 -0.90 0.00	44.10 -1.18 0.00	44.05 -1.32 0.11	49.41 -1.69 0.22	50.04 -1.82 0.22	57.37 -2.15 0.38	60.32 -2.21 0.53	63.39 -2.05 0.65	73.42 -1.88 0.05	76.85 -1.09 0.00	75.32 -0.76 0.00	71.75 -1.24 0.00	65.84 -1.62 0.00	58.10 -1.74 0.00	51.15 -1.42 0.00	46.95 -1.30 0.00
SELKIRK___II 23799	46.15 -0.42 0.00	42.84 -0.52 0.00	38.82 -0.35 0.00	35.19 -0.21 0.00	35.33 -0.21 0.00	37.79 -0.26 0.00	41.99 -0.38 0.00	44.34 -0.40 0.00	44.78 -0.36 0.00	44.78 -0.50 0.00	44.76 -0.59 0.13	50.19 -0.87 0.27	50.88 -0.94 0.26	58.26 -1.20 0.45	61.17 -1.26 0.63	64.19 -1.12 0.77	74.47 -0.83 0.05	77.79 -0.16 0.00	76.08 0.00 0.00	72.41 -0.59 0.00	66.31 -1.15 0.00	58.46 -1.37 0.00	51.46 -1.11 0.00	47.23 -1.02 0.00
SENECA OSWGO___HYD 24041	45.87 -0.70 0.00	42.75 -0.61 0.00	38.46 -0.70 0.00	34.73 -0.67 0.00	34.86 -0.68 0.00	37.33 -0.72 0.00	41.61 -0.76 0.00	44.02 -0.72 0.00	44.29 -0.86 0.00	44.55 -0.73 0.00	44.88 -0.59 0.00	50.71 -0.61 0.00	51.51 -0.57 0.00	59.50 -0.42 0.00	62.68 -0.38 0.00	66.09 0.00 0.00	75.73 0.38 0.00	79.00 1.09 0.03	77.07 0.99 0.00	73.36 0.37 0.00	67.59 0.14 0.00	59.66 -0.18 0.00	52.31 -0.26 0.00	47.96 -0.29 0.00
SENECA___115KV_TB3 355854	46.99 0.42 0.00	44.27 0.91 0.00	39.01 -0.16 0.00	34.91 -0.50 0.00	35.15 -0.39 0.00	37.44 -0.61 0.00	42.03 -0.34 0.00	44.52 -0.22 0.00	44.97 -0.18 0.00	45.82 0.54 0.00	46.93 1.46 0.00	54.56 3.23 0.00	56.09 4.01 0.00	64.47 4.55 0.00	67.60 4.54 0.00	72.11 6.01 0.00	82.96 7.61 0.00	87.06 9.12 0.00	84.37 8.29 0.00	79.93 6.93 0.00	72.24 4.79 0.00	63.61 3.77 0.00	55.62 3.05 0.00	51.43 3.18 0.00
SENECA___ENERGY 23797	46.52 -0.05 0.00	43.54 0.17 0.00	39.05 -0.12 0.00	35.12 -0.28 0.00	35.33 -0.21 0.00	37.83 -0.23 0.00	42.24 -0.13 0.00	44.74 0.00 0.00	44.92 -0.22 0.00	45.32 0.05 0.00	45.84 0.36 0.00	51.89 0.57 0.00	53.02 0.94 0.00	61.41 1.50 0.00	64.76 1.70 0.00	68.54 2.45 0.00	78.74 3.39 0.00	82.44 4.52 0.02	80.41 4.33 0.00	76.20 3.21 0.00	70.02 2.56 0.00	61.63 1.79 0.00	53.88 1.31 0.00	49.31 1.06 0.00
SHOEMAKER___GT 23640	47.78 1.21 0.00	44.40 1.04 0.00	40.07 0.90 0.00	36.29 0.89 0.00	36.39 0.85 0.00	39.01 0.95 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.63 1.49 0.00	46.77 1.49 0.00	47.16 1.50 -0.18	53.21 1.49 -0.39	53.87 1.41 -0.38	62.01 1.44 -0.67	65.49 1.51 -0.92	69.14 1.92 -1.13	78.29 2.86 -0.08	81.76 3.82 0.00	79.58 3.50 0.00	75.33 2.34 0.00	68.60 1.15 0.00	60.38 0.54 0.00	53.20 0.63 0.00	48.88 0.63 0.00
SHOEMAKR_138KV_BK 111 55601	47.69 1.12 0.00	44.32 0.95 0.00	40.03 0.86 0.00	36.29 0.89 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.43 1.06 0.00	45.86 1.12 0.00	46.50 1.35 0.00	46.77 1.49 0.00	47.16 1.50 -0.18	53.05 1.33 -0.38	53.81 1.35 -0.38	61.95 1.38 -0.66	65.48 1.51 -0.91	69.06 1.85 -1.12	78.29 2.86 -0.08	81.76 3.82 0.00	79.58 3.50 0.00	75.33 2.34 0.00	68.47 1.01 0.00	60.26 0.42 0.00	53.10 0.53 0.00	48.78 0.53 0.00
SHOREHAM_IC_1 23715	49.54 2.98 0.01	46.27 2.91 -0.01	44.89 2.51 -3.21	37.68 2.27 -0.01	37.65 2.10 -0.01	40.46 2.40 -0.01	44.96 2.58 -0.01	46.97 2.24 0.00	47.81 2.66 0.00	47.85 2.58 0.00	47.92 2.23 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	65.01 3.53 -1.56	67.90 3.72 -1.13	115.67 4.29 -45.28	121.73 5.95 -40.43	124.07 7.09 -39.04	118.06 6.01 -35.97	77.23 4.23 -0.01	68.53 1.08 0.00	60.01 0.18 0.01	51.16 -0.05 1.35	45.12 -0.10 3.03
SHOREHAM_IC_2 23716	47.91 1.35 0.01	46.19 2.82 -0.01	44.85 2.47 -3.21	37.68 2.27 -0.01	37.65 2.10 -0.01	40.46 2.40 -0.01	44.88 2.50 -0.01	46.13 1.39 0.00	46.64 1.49 0.00	47.04 1.77 0.00	47.92 2.23 -0.22	54.11 2.31 -0.47	55.94 3.39 -0.47	64.94 3.47 -1.56	67.90 3.72 -1.12	115.67 4.30 -45.28	121.66 5.88 -40.44	124.06 7.09 -39.03	118.06 6.01 -35.97	77.38 4.38 -0.01	68.53 1.08 0.00	60.01 0.18 0.00	51.11 -0.11 1.35	45.03 -0.19 3.03
SISSONVILLE____ 23735	47.50 0.93 0.00	44.49 1.13 0.00	40.19 1.02 0.00	36.26 0.85 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.51 1.14 0.00	45.68 0.94 0.00	45.51 0.36 0.00	45.05 -0.23 0.00	45.07 -0.41 0.00	50.87 -0.46 0.00	51.46 -0.62 0.00	58.78 -1.14 0.00	61.80 -1.26 0.00	64.04 -2.05 0.00	72.41 -2.94 0.00	71.39 -5.69 0.86	71.29 -4.79 0.00	69.20 -3.80 0.00	67.25 -0.20 0.00	60.74 0.90 0.00	53.62 1.05 0.00	49.26 1.01 0.00
SITHE_IND_GS1 24169	45.17 -1.40 0.00	42.10 -1.26 0.00	37.95 -1.21 0.00	34.24 -1.17 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.20 -1.27 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.60 -1.32 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.64 -1.20 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00
SITHE_IND_GS2 24170	45.17 -1.40 0.00	42.10 -1.26 0.00	37.95 -1.21 0.00	34.24 -1.17 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.20 -1.27 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.60 -1.32 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.64 -1.20 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00
SITHE_IND_GS3 24171	45.17 -1.40 0.00	42.10 -1.26 0.00	37.95 -1.21 0.00	34.24 -1.17 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.20 -1.27 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.60 -1.32 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.64 -1.20 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00
SITHE_IND_GS4 24172	45.17 -1.40 0.00	42.10 -1.26 0.00	37.95 -1.21 0.00	34.24 -1.17 0.00	34.40 -1.14 0.00	36.80 -1.25 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.70 -1.45 0.00	43.92 -1.36 0.00	44.20 -1.27 0.00	49.99 -1.33 0.00	50.83 -1.25 0.00	58.60 -1.32 0.00	61.73 -1.33 0.00	65.03 -1.06 0.00	74.45 -0.90 0.00	77.48 -0.46 0.00	75.55 -0.53 0.00	72.04 -0.95 0.00	66.37 -1.08 0.00	58.64 -1.20 0.00	51.46 -1.11 0.00	47.19 -1.06 0.00

SITHE___BATAVIA 24024	47.50 0.93 0.00	44.75 1.39 0.00	39.44 0.28 0.00	35.48 0.07 0.00	35.68 0.14 0.00	38.02 -0.04 0.00	42.45 0.08 0.00	44.92 0.18 0.00	44.88 -0.27 0.00	45.86 0.59 0.00	46.97 1.50 0.00	53.58 2.26 0.00	55.63 3.54 0.00	64.35 4.43 0.00	67.72 4.67 0.00	72.17 6.08 0.00	83.33 7.98 0.00	87.45 9.51 0.00	84.82 8.75 0.00	79.56 6.57 0.00	73.26 5.80 0.00	64.45 4.61 0.00	56.30 3.73 0.00	51.87 3.62 0.00
SITHE___INDEPEND 23800	45.22 -1.35 0.00	42.15 -1.21 0.00	37.95 -1.21 0.00	34.24 -1.17 0.00	34.40 -1.14 0.00	36.80 -1.26 0.00	41.01 -1.36 0.00	43.35 -1.39 0.00	43.75 -1.40 0.00	43.92 -1.36 0.00	44.20 -1.27 0.00	50.10 -1.23 0.00	50.88 -1.20 0.00	58.66 -1.26 0.00	61.73 -1.32 0.00	65.03 -1.06 0.00	74.44 -0.90 0.00	77.47 -0.47 0.00	75.55 -0.53 0.00	72.26 -0.73 0.00	66.38 -1.08 0.00	58.64 -1.20 0.00	51.47 -1.10 0.00	47.19 -1.06 0.00
SITHE___MASSENA 23902	47.50 0.93 0.00	44.31 0.95 0.00	40.07 0.90 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.34 0.98 0.00	45.55 0.81 0.00	45.69 0.54 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.69 0.36 0.00	52.29 0.21 0.00	60.03 0.12 0.00	63.06 0.00 0.00	65.30 -0.79 0.00	73.91 -1.43 0.00	72.62 -4.06 1.27	72.58 -3.50 0.00	72.12 -0.87 0.00	67.59 0.14 0.00	60.79 0.95 0.00	53.52 0.95 0.00	49.16 0.91 0.00
SITHE___OGDNSBRG 24021	48.38 1.82 0.00	45.18 1.82 0.00	40.81 1.65 0.00	36.79 1.38 0.00	36.93 1.39 0.00	39.54 1.48 0.00	44.11 1.74 0.00	46.17 1.43 0.00	46.00 0.86 0.00	45.64 0.36 0.00	45.57 0.09 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.73 -0.18 0.00	62.80 -0.25 0.00	65.10 -0.99 0.00	73.61 -1.73 0.00	72.48 -4.44 1.02	72.88 -3.20 0.00	71.09 -1.90 0.00	68.94 1.48 0.00	62.17 2.33 0.00	54.62 2.05 0.00	50.13 1.88 0.00
SITHE___STERLING 23777	47.92 1.35 0.00	44.57 1.21 0.00	40.19 1.02 0.00	36.22 0.81 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.47 1.10 0.00	45.86 1.12 0.00	46.10 0.95 0.00	46.09 0.82 0.00	46.25 0.77 0.00	52.46 1.13 0.00	53.23 1.14 0.00	61.59 1.68 0.00	64.89 1.83 0.00	68.47 2.38 0.00	78.59 3.24 0.00	82.02 4.13 0.05	80.34 4.26 0.00	76.79 3.79 0.00	70.76 3.30 0.00	62.47 2.63 0.00	54.57 2.00 0.00	49.94 1.69 0.00
SLEIGHT__34_KV_TB1 80719	46.57 0.00 0.00	43.49 0.13 0.00	38.82 -0.35 0.00	34.87 -0.53 0.00	35.08 -0.46 0.00	37.48 -0.57 0.00	41.99 -0.38 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.23 -0.05 0.00	45.79 0.32 0.00	52.51 1.18 0.00	53.49 1.41 0.00	62.01 2.10 0.00	65.26 2.21 0.00	69.13 3.04 0.00	79.34 3.99 0.00	83.24 5.30 0.00	80.80 4.72 0.00	77.08 4.09 0.00	70.36 2.90 0.00	61.93 2.09 0.00	54.20 1.63 0.00	49.60 1.35 0.00
SMITHTWN_69_KV_BK 1 55830	47.96 1.40 0.01	46.32 2.95 -0.01	45.00 2.62 -3.20	37.82 2.41 -0.01	37.82 2.27 -0.01	40.65 2.59 -0.01	45.17 2.80 -0.01	46.44 1.70 0.00	46.91 1.76 0.00	47.36 2.08 0.00	48.19 2.50 -0.22	54.41 2.62 -0.47	56.21 3.65 -0.48	65.49 3.59 -1.98	68.03 3.85 -1.13	140.07 4.43 -69.55	143.96 5.88 -62.73	145.56 7.01 -60.60	137.86 5.93 -55.85	77.25 4.23 -0.02	68.47 1.01 0.00	60.13 0.30 0.00	51.33 0.11 1.35	45.19 -0.05 3.01
SOUTH CAIRO___GT 23612	47.83 1.26 0.00	44.36 1.00 0.00	40.03 0.86 0.00	36.26 0.85 0.00	36.39 0.85 0.00	38.89 0.84 0.00	43.26 0.89 0.00	45.46 0.72 0.00	45.46 0.32 0.00	45.14 -0.14 0.00	45.54 0.14 0.07	51.07 -0.10 0.15	51.93 0.00 0.15	59.77 0.12 0.26	63.01 0.32 0.37	66.57 0.93 0.45	76.29 0.98 0.03	80.59 2.65 0.00	79.58 3.50 0.00	75.98 2.99 0.00	69.48 2.02 0.00	61.15 1.32 0.00	53.73 1.16 0.00	49.21 0.96 0.00
SOUTH HAMPTN___IC 23720	50.61 4.05 0.01	47.27 3.90 -0.01	45.71 3.33 -3.21	38.39 2.97 -0.01	38.32 2.77 -0.01	41.14 3.08 -0.01	45.56 3.18 -0.01	47.56 2.82 0.00	48.53 3.39 0.00	48.62 3.35 0.00	48.92 3.23 -0.22	55.65 3.85 -0.47	57.30 4.74 -0.48	66.48 5.03 -1.53	69.54 5.36 -1.13	115.60 6.08 -43.43	122.06 7.98 -38.73	124.60 9.27 -37.39	118.67 8.14 -34.45	79.05 6.05 -0.01	70.08 2.63 0.00	61.38 1.55 0.01	52.32 1.11 1.36	46.18 0.96 3.04
SOUTHDOW_115KV_TB1 355954	48.06 1.49 0.00	45.10 1.73 0.00	39.76 0.59 0.00	35.69 0.28 0.00	35.97 0.43 0.00	38.43 0.38 0.00	43.30 0.93 0.00	45.86 1.12 0.00	46.23 1.08 0.00	47.18 1.90 0.00	48.43 2.96 0.00	56.26 4.93 0.00	57.86 5.78 0.00	66.62 6.71 0.00	69.93 6.87 0.00	74.62 8.53 0.00	86.05 10.70 0.00	90.18 12.24 0.00	87.64 11.56 0.00	82.85 9.85 0.00	74.74 7.29 0.00	65.64 5.80 0.00	57.04 4.47 0.00	52.79 4.54 0.00
SOUTHOLD_69_KV_BK 2 55809	50.29 3.73 0.01	48.31 4.94 -0.01	46.61 4.23 -3.21	39.17 3.75 -0.01	39.03 3.48 -0.01	41.83 3.77 -0.01	45.94 3.56 -0.01	47.11 2.37 0.00	47.86 2.71 0.00	48.31 3.03 0.00	49.69 4.00 -0.22	56.47 4.67 -0.47	58.49 5.94 -0.47	67.79 6.35 -1.52	70.99 6.81 -1.12	117.15 7.60 -43.45	123.98 9.87 -38.76	126.65 11.30 -37.40	120.67 10.12 -34.47	81.10 8.10 -0.01	71.64 4.18 0.00	62.77 2.93 0.00	53.42 2.21 1.36	47.19 1.98 3.04
SOUTHOLD___IC 23719	51.87 5.31 0.01	48.40 5.03 -0.01	46.61 4.23 -3.21	39.16 3.75 -0.01	39.03 3.49 -0.01	41.83 3.77 -0.01	46.02 3.64 -0.01	47.96 3.22 0.00	49.03 3.88 0.00	49.17 3.89 0.00	49.69 4.00 -0.22	56.72 4.93 -0.47	58.50 5.94 -0.48	67.86 6.41 -1.53	71.00 6.81 -1.13	117.14 7.60 -43.45	124.05 9.95 -38.76	126.65 11.30 -37.41	120.67 10.12 -34.47	80.88 7.89 -0.01	71.64 4.18 0.00	62.76 2.93 0.01	53.42 2.21 1.36	47.29 2.07 3.04
SOUTH_FORK_WT_PWR 323839	52.10 5.54 0.01	48.57 5.20 -0.01	46.77 4.39 -3.21	39.24 3.83 -0.01	39.07 3.52 -0.01	41.83 3.77 -0.01	45.85 3.48 -0.01	47.64 2.91 0.00	48.71 3.57 0.00	48.85 3.58 0.00	49.46 3.77 -0.22	56.46 4.67 -0.47	58.24 5.68 -0.48	67.56 6.11 -1.53	70.68 6.50 -1.13	116.74 7.21 -43.44	123.58 9.49 -38.74	126.17 10.83 -37.40	120.36 9.82 -34.46	80.52 7.52 -0.01	71.36 3.91 0.00	62.59 2.75 0.01	53.32 2.10 1.36	47.33 2.12 3.04
SPIERFLS_115KV_TB 1 80737	47.92 1.35 0.00	44.40 1.04 0.00	40.23 1.06 0.00	36.40 0.99 0.00	36.54 1.00 0.00	39.20 1.14 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.14 0.99 0.00	45.91 0.63 0.00	45.19 -0.09 0.19	50.62 -0.31 0.40	51.32 -0.36 0.39	58.87 -0.36 0.69	62.11 0.00 0.95	65.65 0.73 1.17	77.22 1.96 0.08	81.29 3.35 0.00	80.49 4.41 0.00	76.79 3.80 0.00	70.29 2.83 0.00	61.75 1.91 0.00	54.04 1.47 0.00	49.46 1.21 0.00
ST LAWRENCE____ 23600	46.85 0.28 0.00	43.67 0.31 0.00	39.48 0.31 0.00	35.66 0.25 0.00	35.79 0.25 0.00	38.32 0.27 0.00	42.71 0.34 0.00	44.97 0.22 0.00	45.19 0.05 0.00	45.19 -0.09 0.00	45.34 -0.14 0.00	51.23 -0.10 0.00	51.87 -0.21 0.00	59.56 -0.36 0.00	62.62 -0.44 0.00	64.97 -1.12 0.00	73.47 -1.88 0.00	74.47 -3.58 -0.11	72.89 -3.19 0.00	71.46 -1.54 0.00	66.85 -0.61 0.00	59.96 0.12 0.00	52.73 0.16 0.00	48.49 0.24 0.00

STATE_CA_115KV_115_LB 55624	46.57 0.00 0.00	43.23 -0.13 0.00	39.17 0.00 0.00	35.55 0.14 0.00	35.68 0.14 0.00	38.17 0.11 0.00	42.37 0.00 0.00	44.79 0.04 0.00	45.24 0.09 0.00	45.18 -0.09 0.00	45.07 -0.23 0.18	50.39 -0.56 0.38	51.14 -0.57 0.37	58.61 -0.66 0.64	61.54 -0.63 0.89	64.67 -0.33 1.09	75.57 0.30 0.08	79.19 1.25 0.00	77.30 1.22 0.00	73.58 0.58 0.00	67.19 -0.27 0.00	59.18 -0.66 0.00	52.10 -0.47 0.00	47.77 -0.48 0.00
STATE_ST_34_KV_LOAD 55959	46.89 0.33 0.00	43.71 0.35 0.00	39.21 0.04 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.98 -0.08 0.00	42.45 0.08 0.00	44.96 0.22 0.00	45.28 0.14 0.00	45.46 0.18 0.00	45.79 0.32 0.00	52.05 0.72 0.00	52.92 0.83 0.00	61.23 1.32 0.00	64.44 1.39 0.00	68.14 2.05 0.00	78.14 2.79 0.00	81.90 3.98 0.02	79.88 3.80 0.00	76.28 3.28 0.00	69.82 2.36 0.00	61.57 1.74 0.00	53.83 1.26 0.00	49.26 1.01 0.00
STATION_5_MISC_HYD 23604	46.90 0.33 0.00	43.97 0.61 0.00	39.17 0.00 0.00	35.12 -0.28 0.00	35.33 -0.21 0.00	37.67 -0.38 0.00	42.08 -0.29 0.00	44.70 -0.04 0.00	44.88 -0.27 0.00	45.59 0.32 0.00	46.43 0.96 0.00	52.92 1.59 0.00	54.53 2.45 0.00	63.21 3.29 0.00	66.59 3.53 0.00	70.45 4.36 0.00	81.07 5.72 0.00	84.80 6.86 0.00	82.17 6.09 0.00	77.52 4.53 0.00	71.37 3.91 0.00	62.77 2.93 0.00	54.94 2.37 0.00	50.32 2.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.85 0.28 0.00	43.75 0.39 0.00	39.05 -0.12 0.00	35.09 -0.32 0.00	35.26 -0.28 0.00	37.67 -0.38 0.00	42.20 -0.17 0.00	44.74 0.00 0.00	45.10 -0.05 0.00	45.46 0.18 0.00	46.07 0.59 0.00	52.77 1.44 0.00	53.80 1.72 0.00	62.37 2.46 0.00	65.58 2.52 0.00	69.46 3.37 0.00	79.79 4.45 0.00	83.71 5.77 0.00	81.33 5.25 0.00	77.52 4.53 0.00	70.76 3.31 0.00	62.23 2.39 0.00	54.46 1.89 0.00	49.89 1.64 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.80 0.23 0.00	43.75 0.39 0.00	38.93 -0.24 0.00	34.95 -0.46 0.00	35.11 -0.43 0.00	37.44 -0.61 0.00	41.99 -0.38 0.00	44.52 -0.22 0.00	45.01 -0.14 0.00	45.46 0.18 0.00	46.16 0.68 0.00	53.18 1.85 0.00	54.27 2.19 0.00	62.85 2.94 0.00	66.15 3.09 0.00	69.93 3.83 0.00	80.32 4.97 0.00	84.25 6.31 0.00	81.56 5.48 0.00	77.74 4.74 0.00	70.90 3.44 0.00	62.35 2.51 0.00	54.57 2.00 0.00	50.04 1.79 0.00
STA_56___34_KV_BUS2 355983	46.80 0.23 0.00	43.75 0.39 0.00	38.93 -0.24 0.00	34.95 -0.46 0.00	35.11 -0.43 0.00	37.44 -0.61 0.00	41.99 -0.38 0.00	44.52 -0.22 0.00	45.01 -0.14 0.00	45.46 0.18 0.00	46.16 0.68 0.00	53.18 1.85 0.00	54.27 2.19 0.00	62.85 2.94 0.00	66.15 3.09 0.00	69.93 3.83 0.00	80.32 4.97 0.00	84.25 6.31 0.00	81.56 5.48 0.00	77.74 4.74 0.00	70.90 3.44 0.00	62.35 2.51 0.00	54.57 2.00 0.00	50.04 1.79 0.00
STA_67___115KV_BK2 355882	46.94 0.37 0.00	43.97 0.61 0.00	39.09 -0.08 0.00	35.05 -0.35 0.00	35.22 -0.32 0.00	37.56 -0.49 0.00	42.12 -0.25 0.00	44.65 -0.09 0.00	45.10 -0.05 0.00	45.59 0.32 0.00	46.29 0.82 0.00	53.38 2.05 0.00	54.53 2.45 0.00	63.09 3.18 0.00	66.34 3.28 0.00	70.12 4.03 0.00	80.55 5.20 0.00	84.49 6.55 0.00	81.86 5.78 0.00	77.96 4.96 0.00	71.10 3.64 0.00	62.59 2.75 0.00	54.78 2.21 0.00	50.32 2.07 0.00
STA_7___115KV_9TRANS 80674	47.41 0.84 0.00	44.32 0.95 0.00	39.40 0.24 0.00	35.34 -0.07 0.00	35.51 -0.04 0.00	37.86 -0.19 0.00	42.45 0.08 0.00	45.05 0.31 0.00	45.51 0.36 0.00	46.00 0.72 0.00	46.70 1.23 0.00	53.89 2.57 0.00	55.05 2.97 0.00	63.87 3.95 0.00	67.16 4.10 0.00	71.05 4.96 0.00	81.60 6.25 0.00	85.50 7.56 0.00	82.85 6.77 0.00	78.98 5.99 0.00	72.04 4.59 0.00	63.31 3.47 0.00	55.36 2.79 0.00	50.81 2.56 0.00
STA_82___115KV_TB1 80780	46.99 0.42 0.00	44.01 0.65 0.00	39.13 -0.04 0.00	35.09 -0.32 0.00	35.26 -0.28 0.00	37.60 -0.46 0.00	42.16 -0.21 0.00	44.70 -0.04 0.00	45.15 0.00 0.00	45.64 0.36 0.00	46.34 0.86 0.00	53.43 2.10 0.00	54.58 2.50 0.00	63.15 3.24 0.00	66.40 3.34 0.00	70.12 4.03 0.00	80.55 5.20 0.00	84.49 6.55 0.00	81.86 5.78 0.00	78.03 5.04 0.00	71.10 3.64 0.00	62.59 2.75 0.00	54.78 2.21 0.00	50.32 2.07 0.00
STEEL___WIND 323596	46.57 0.00 0.00	44.01 0.65 0.00	38.90 -0.27 0.00	34.88 -0.53 0.00	35.12 -0.42 0.00	37.41 -0.65 0.00	41.78 -0.59 0.00	44.34 -0.40 0.00	44.34 -0.81 0.00	45.59 0.32 0.00	46.89 1.41 0.00	53.48 2.16 0.00	55.73 3.64 0.00	64.17 4.25 0.00	67.47 4.41 0.00	72.04 5.95 0.00	83.26 7.91 0.00	86.90 8.96 0.00	84.30 8.22 0.00	78.61 5.62 0.00	72.18 4.72 0.00	63.55 3.71 0.00	55.51 2.94 0.00	51.14 2.89 0.00
STEPHTWN_115KV_BK_2 55603	46.71 0.14 0.00	43.32 -0.04 0.00	39.25 0.08 0.00	35.58 0.18 0.00	35.72 0.18 0.00	38.21 0.15 0.00	42.45 0.08 0.00	44.87 0.13 0.00	45.28 0.14 0.00	45.23 -0.05 0.00	45.12 -0.18 0.17	50.45 -0.51 0.36	51.20 -0.52 0.36	58.69 -0.60 0.62	61.69 -0.50 0.86	64.90 -0.13 1.06	75.87 0.60 0.08	79.50 1.56 0.00	77.68 1.60 0.00	73.87 0.88 0.00	67.46 0.00 0.00	59.36 -0.48 0.00	52.25 -0.32 0.00	47.96 -0.29 0.00
STEUBEN_REC_LFGE 323667	47.73 1.16 0.00	44.71 1.34 0.00	39.64 0.47 0.00	35.58 0.18 0.00	35.83 0.28 0.00	38.32 0.27 0.00	43.05 0.68 0.00	45.46 0.72 0.00	45.51 0.36 0.00	45.95 0.68 0.00	46.79 1.32 0.00	53.95 2.62 0.00	55.21 3.12 0.00	63.93 4.01 0.00	67.22 4.16 0.00	71.51 5.42 0.00	82.35 7.01 0.00	86.90 8.96 0.00	84.83 8.75 0.00	80.80 7.81 0.00	73.39 5.94 0.00	64.39 4.55 0.00	56.20 3.63 0.00	51.82 3.57 0.00
STILLWATER___SOLAR 323814	48.10 1.53 0.00	44.62 1.26 0.00	40.38 1.22 0.00	36.54 1.13 0.00	36.71 1.17 0.00	39.31 1.25 0.00	43.68 1.31 0.00	46.13 1.39 0.00	46.41 1.26 0.00	46.23 0.95 0.00	45.76 0.50 0.21	51.34 0.46 0.44	52.01 0.37 0.44	59.58 0.42 0.76	62.70 0.69 1.05	66.05 1.25 1.30	77.59 2.34 0.09	81.61 3.66 0.00	80.18 4.11 0.00	76.35 3.36 0.00	69.95 2.50 0.00	61.57 1.74 0.00	54.04 1.47 0.00	49.50 1.25 0.00
STONY___BROOK 24151	49.59 3.03 0.01	46.40 3.03 -0.01	45.00 2.62 -3.21	37.82 2.41 -0.01	37.83 2.28 -0.01	40.65 2.59 -0.01	45.26 2.88 -0.01	47.29 2.55 0.00	48.12 2.98 0.00	48.21 2.94 0.00	48.14 2.45 -0.22	54.51 2.72 -0.47	56.11 3.54 -0.48	65.01 3.35 -1.74	67.72 3.53 -1.13	125.58 4.10 -55.39	130.57 5.50 -49.73	132.52 6.55 -48.03	125.88 5.55 -44.25	76.80 3.79 -0.01	68.20 0.74 0.00	60.07 0.24 0.01	51.22 0.00 1.35	45.28 0.05 3.02
STURGEON_POOL_HYD 23609	47.97 1.40 0.00	44.62 1.26 0.00	40.30 1.14 0.00	36.50 1.10 0.00	36.61 1.07 0.00	39.20 1.14 0.00	43.64 1.27 0.00	46.13 1.39 0.00	46.82 1.67 0.00	47.13 1.86 0.00	47.72 2.14 -0.11	53.56 2.00 -0.23	54.40 2.08 -0.23	62.53 2.22 -0.40	65.95 2.33 -0.56	69.49 2.71 -0.68	78.79 3.39 -0.05	82.38 4.44 0.00	80.11 4.03 0.00	75.69 2.70 0.00	68.67 1.21 0.00	60.44 0.60 0.00	53.31 0.74 0.00	48.97 0.72 0.00

ST_LAW_115_BK7_LBMP 345037	46.90 0.33 0.00	43.71 0.35 0.00	39.52 0.35 0.00	35.69 0.28 0.00	35.82 0.28 0.00	38.36 0.30 0.00	42.79 0.42 0.00	45.01 0.27 0.00	45.19 0.05 0.00	45.19 -0.09 0.00	45.34 -0.14 0.00	51.23 -0.10 0.00	51.87 -0.21 0.00	59.50 -0.42 0.00	62.55 -0.51 0.00	64.90 -1.19 0.00	73.32 -2.03 0.00	74.19 -3.89 -0.14	72.58 -3.50 0.00	71.32 -1.68 0.00	66.78 -0.67 0.00	59.96 0.12 0.00	52.78 0.21 0.00	48.49 0.24 0.00
ST_LAW_115_BK8_LBMP 345038	46.90 0.33 0.00	43.71 0.35 0.00	39.52 0.35 0.00	35.69 0.28 0.00	35.82 0.28 0.00	38.36 0.30 0.00	42.79 0.42 0.00	45.01 0.27 0.00	45.19 0.05 0.00	45.19 -0.09 0.00	45.34 -0.14 0.00	51.23 -0.10 0.00	51.87 -0.21 0.00	59.50 -0.42 0.00	62.55 -0.51 0.00	64.90 -1.19 0.00	73.32 -2.03 0.00	74.19 -3.89 -0.14	72.58 -3.50 0.00	71.32 -1.68 0.00	66.78 -0.67 0.00	59.96 0.12 0.00	52.78 0.21 0.00	48.49 0.24 0.00
ST_LAW_230_BK5_LBMP 345035	46.85 0.28 0.00	43.67 0.31 0.00	39.48 0.31 0.00	35.66 0.25 0.00	35.79 0.25 0.00	38.32 0.27 0.00	42.71 0.34 0.00	44.97 0.22 0.00	45.19 0.05 0.00	45.19 -0.09 0.00	45.34 -0.14 0.00	51.23 -0.10 0.00	51.87 -0.21 0.00	59.56 -0.36 0.00	62.62 -0.44 0.00	64.97 -1.12 0.00	73.47 -1.88 0.00	74.45 -3.58 -0.09	72.89 -3.19 0.00	71.46 -1.54 0.00	66.85 -0.61 0.00	59.96 0.12 0.00	52.73 0.16 0.00	48.49 0.24 0.00
ST_LAW_230_BK6_LBMP 345036	46.85 0.28 0.00	43.67 0.31 0.00	39.48 0.31 0.00	35.66 0.25 0.00	35.79 0.25 0.00	38.32 0.27 0.00	42.71 0.34 0.00	44.97 0.22 0.00	45.19 0.05 0.00	45.19 -0.09 0.00	45.34 -0.14 0.00	51.23 -0.10 0.00	51.87 -0.21 0.00	59.56 -0.36 0.00	62.62 -0.44 0.00	64.97 -1.12 0.00	73.47 -1.88 0.00	74.45 -3.58 -0.09	72.89 -3.19 0.00	71.46 -1.54 0.00	66.85 -0.61 0.00	59.96 0.12 0.00	52.73 0.16 0.00	48.49 0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.78 1.21 0.00	44.40 1.04 0.00	40.11 0.94 0.00	36.36 0.96 0.00	36.46 0.92 0.00	39.04 0.99 0.00	43.51 1.14 0.00	45.99 1.25 0.00	46.73 1.58 0.00	47.04 1.77 0.00	47.44 1.77 -0.19	53.32 1.59 -0.40	54.15 1.67 -0.40	62.28 1.68 -0.69	65.78 1.77 -0.96	69.45 2.18 -1.18	78.67 3.24 -0.08	82.15 4.21 0.00	79.88 3.80 0.00	75.55 2.55 0.00	68.47 1.01 0.00	60.26 0.42 0.00	53.10 0.53 0.00	48.78 0.53 0.00
SWANROAD_115KV_TB1 355699	46.01 -0.56 0.00	43.58 0.22 0.00	38.35 -0.82 0.00	34.31 -1.10 0.00	34.51 -1.03 0.00	36.68 -1.37 0.00	41.01 -1.36 0.00	43.13 -1.61 0.00	43.61 -1.53 0.00	44.46 -0.81 0.00	45.52 0.05 0.00	52.97 1.64 0.00	54.27 2.19 0.00	62.31 2.21 0.00	65.26 2.21 0.00	69.53 3.44 0.00	79.87 4.52 0.00	83.94 6.00 0.00	81.18 5.10 0.00	77.01 4.01 0.00	69.82 2.36 0.00	61.63 1.80 0.00	54.04 1.47 0.00	50.47 2.22 0.00
SYNERGY___BIOGAS 323694	47.83 1.26 0.00	44.92 1.56 0.00	39.68 0.51 0.00	35.48 0.07 0.00	35.68 0.14 0.00	38.02 -0.04 0.00	42.67 0.30 0.00	45.05 0.31 0.00	45.42 0.27 0.00	46.05 0.77 0.00	46.98 1.50 0.00	54.56 3.23 0.00	55.83 3.75 0.00	64.53 4.61 0.00	67.72 4.67 0.00	72.11 6.01 0.00	83.03 7.69 0.00	87.45 9.51 0.00	84.83 8.75 0.00	80.66 7.66 0.00	73.26 5.80 0.00	64.45 4.61 0.00	56.30 3.73 0.00	52.01 3.76 0.00
SYRACUSE___ENERGY_ST1 323597	46.43 -0.14 0.00	43.23 -0.13 0.00	38.89 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.07 -0.30 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.48 0.15 0.00	52.29 0.21 0.00	60.45 0.54 0.00	63.62 0.57 0.00	67.15 1.06 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.82 1.82 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
SYRACUSE___ENERGY_ST2 323598	46.43 -0.14 0.00	43.23 -0.13 0.00	38.89 -0.27 0.00	35.09 -0.32 0.00	35.22 -0.32 0.00	37.71 -0.34 0.00	42.07 -0.30 0.00	44.52 -0.22 0.00	44.88 -0.27 0.00	45.05 -0.23 0.00	45.38 -0.09 0.00	51.48 0.15 0.00	52.29 0.21 0.00	60.45 0.54 0.00	63.62 0.57 0.00	67.15 1.06 0.00	76.93 1.58 0.00	80.34 2.42 0.02	78.36 2.28 0.00	74.82 1.82 0.00	68.60 1.15 0.00	60.56 0.72 0.00	53.04 0.47 0.00	48.59 0.34 0.00
SYRACUSE___POWER 24017	46.34 -0.23 0.00	43.14 -0.22 0.00	38.82 -0.35 0.00	35.02 -0.39 0.00	35.15 -0.39 0.00	37.64 -0.42 0.00	41.99 -0.38 0.00	44.43 -0.31 0.00	44.79 -0.36 0.00	45.00 -0.27 0.00	45.34 -0.14 0.00	51.43 0.10 0.00	52.19 0.10 0.00	60.27 0.36 0.00	63.50 0.44 0.00	67.02 0.93 0.00	76.78 1.43 0.00	80.18 2.26 0.02	78.21 2.13 0.00	74.67 1.68 0.00	68.40 0.94 0.00	60.38 0.54 0.00	52.88 0.32 0.00	48.49 0.24 0.00
TALLMAN__138KV_BK151 55660	47.83 1.26 0.00	44.45 1.08 0.00	40.15 0.98 0.00	36.43 1.03 0.00	36.54 1.00 0.00	39.16 1.10 0.00	43.64 1.27 0.00	46.13 1.39 0.00	46.95 1.81 0.00	47.27 1.99 0.00	47.73 2.05 -0.20	53.61 1.85 -0.43	54.43 1.93 -0.42	62.57 1.92 -0.74	66.09 2.02 -1.02	69.79 2.45 -1.26	78.98 3.54 -0.09	82.46 4.52 0.00	80.11 4.03 0.00	75.62 2.63 0.00	68.40 0.94 0.00	60.14 0.30 0.00	52.99 0.42 0.00	48.73 0.48 0.00
TEALLAVE_115KV_TB7 355573	46.20 -0.37 0.00	43.01 -0.35 0.00	38.70 -0.47 0.00	34.91 -0.50 0.00	35.04 -0.50 0.00	37.52 -0.53 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.70 -0.45 0.00	44.87 -0.41 0.00	45.20 -0.27 0.00	51.28 -0.05 0.00	52.03 -0.05 0.00	60.15 0.24 0.00	63.31 0.25 0.00	66.82 0.73 0.00	76.48 1.13 0.00	79.87 1.95 0.02	77.83 1.75 0.00	74.38 1.39 0.00	68.13 0.67 0.00	60.14 0.30 0.00	52.67 0.11 0.00	48.35 0.10 0.00
TELGRAPH_34_KV_EAST 80808	46.94 0.37 0.00	44.27 0.91 0.00	39.01 -0.16 0.00	34.87 -0.53 0.00	35.11 -0.43 0.00	37.37 -0.68 0.00	41.86 -0.51 0.00	44.20 -0.54 0.00	44.60 -0.54 0.00	45.37 0.09 0.00	46.38 0.91 0.00	53.95 2.62 0.00	55.21 3.12 0.00	63.57 3.65 0.00	66.65 3.59 0.00	70.98 4.89 0.00	81.60 6.25 0.00	85.89 7.95 0.00	83.15 7.08 0.00	78.98 5.99 0.00	71.64 4.18 0.00	63.07 3.23 0.00	55.25 2.68 0.00	51.24 2.99 0.00
TEMPLE___115KV_TB 2 55572	46.20 -0.37 0.00	43.01 -0.35 0.00	38.70 -0.47 0.00	34.91 -0.50 0.00	35.04 -0.50 0.00	37.52 -0.53 0.00	41.86 -0.51 0.00	44.29 -0.45 0.00	44.70 -0.45 0.00	44.91 -0.36 0.00	45.25 -0.23 0.00	51.33 0.00 0.00	52.08 0.00 0.00	60.15 0.24 0.00	63.37 0.32 0.00	66.89 0.79 0.00	76.55 1.21 0.00	79.94 2.03 0.02	77.91 1.83 0.00	74.38 1.39 0.00	68.20 0.74 0.00	60.20 0.36 0.00	52.73 0.16 0.00	48.39 0.14 0.00
TIANA____69_KV_BK 1 55817	48.70 2.14 0.01	46.92 3.56 -0.01	45.47 3.09 -3.21	38.21 2.80 -0.01	38.18 2.63 -0.01	40.99 2.93 -0.01	45.39 3.01 -0.01	46.62 1.88 0.00	47.27 2.12 0.00	47.67 2.40 0.00	48.74 3.05 -0.22	55.13 3.34 -0.47	57.03 4.48 -0.47	66.17 4.73 -1.52	69.22 5.04 -1.12	115.29 5.75 -43.45	121.64 7.53 -38.75	124.23 8.89 -37.40	118.23 7.68 -34.47	78.91 5.91 -0.01	69.82 2.36 0.00	61.15 1.32 0.00	52.05 0.84 1.36	45.84 0.63 3.04

TILDEN___115KV_TB1 80814	46.34 -0.23 0.00	43.14 -0.22 0.00	38.82 -0.35 0.00	35.02 -0.39 0.00	35.15 -0.39 0.00	37.64 -0.42 0.00	41.99 -0.38 0.00	44.43 -0.31 0.00	44.79 -0.36 0.00	45.00 -0.27 0.00	45.34 -0.14 0.00	51.43 0.10 0.00	52.19 0.10 0.00	60.27 0.36 0.00	63.50 0.44 0.00	67.02 0.93 0.00	76.78 1.43 0.00	80.18 2.26 0.02	78.21 2.13 0.00	74.67 1.68 0.00	68.40 0.94 0.00	60.38 0.54 0.00	52.88 0.32 0.00	48.49 0.24 0.00
TRIGEN___CC 323695	47.73 1.16 0.00	45.54 2.17 -0.01	43.79 1.92 -2.70	37.25 1.84 -0.01	37.32 1.78 -0.01	40.00 1.94 -0.01	44.62 2.25 -0.01	46.31 1.57 0.00	46.86 1.72 0.00	47.27 1.99 0.00	48.01 2.32 -0.22	54.06 2.26 -0.47	55.51 2.97 -0.46	63.77 3.06 -0.80	67.26 3.09 -1.11	70.97 3.50 -1.38	80.35 4.90 -0.11	83.87 5.92 0.00	81.10 5.02 0.00	76.50 3.50 0.00	68.33 0.88 0.00	59.90 0.06 0.00	52.72 0.26 0.11	48.10 0.10 0.24
TRINITY___115KV___4 BK 55933	46.34 -0.23 0.00	43.01 -0.35 0.00	39.01 -0.16 0.00	35.41 0.00 0.00	35.54 0.00 0.00	37.98 -0.08 0.00	42.20 -0.17 0.00	44.56 -0.18 0.00	45.01 -0.14 0.00	45.00 -0.27 0.00	44.89 -0.41 0.17	50.19 -0.77 0.37	50.94 -0.78 0.36	58.27 -1.02 0.63	61.18 -1.01 0.87	64.29 -0.73 1.07	75.05 -0.23 0.08	78.64 0.70 0.00	76.76 0.68 0.00	72.99 0.00 0.00	66.71 -0.74 0.00	58.82 -1.02 0.00	51.78 -0.79 0.00	47.53 -0.72 0.00
UNION___PROCESSING_DRP 323587	46.99 0.42 0.00	44.01 0.65 0.00	39.13 -0.04 0.00	35.09 -0.32 0.00	35.29 -0.25 0.00	37.60 -0.46 0.00	42.16 -0.21 0.00	44.70 -0.04 0.00	45.15 0.00 0.00	45.64 0.36 0.00	46.34 0.86 0.00	53.43 2.10 0.00	54.58 2.50 0.00	63.15 3.24 0.00	66.40 3.34 0.00	70.19 4.10 0.00	80.55 5.20 0.00	84.49 6.55 0.00	81.86 5.78 0.00	78.03 5.04 0.00	71.17 3.71 0.00	62.59 2.75 0.00	54.78 2.21 0.00	50.32 2.07 0.00
UPPER HUDSON___HYD 24058	47.96 1.40 0.00	44.45 1.08 0.00	40.26 1.10 0.00	36.40 0.99 0.00	36.53 0.99 0.00	39.19 1.14 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.19 1.04 0.00	45.91 0.63 0.00	45.19 -0.09 0.19	50.72 -0.20 0.40	51.38 -0.31 0.39	58.93 -0.30 0.69	62.11 0.00 0.95	65.65 0.73 1.17	77.22 1.96 0.08	81.29 3.35 0.00	80.49 4.41 0.00	76.57 3.58 0.00	70.29 2.83 0.00	61.75 1.91 0.00	54.04 1.47 0.00	49.46 1.21 0.00
UPPER RAQUET___HYD 24056	47.50 0.93 0.00	44.49 1.13 0.00	40.19 1.02 0.00	36.25 0.85 0.00	36.39 0.85 0.00	38.97 0.91 0.00	43.51 1.14 0.00	45.68 0.94 0.00	45.51 0.36 0.00	45.10 -0.18 0.00	45.06 -0.41 0.00	50.92 -0.41 0.00	51.46 -0.62 0.00	58.84 -1.08 0.00	61.80 -1.26 0.00	63.97 -2.12 0.00	72.41 -2.94 0.00	71.39 -5.69 0.86	71.29 -4.79 0.00	71.32 -1.68 0.00	67.25 -0.20 0.00	60.74 0.90 0.00	53.62 1.05 0.00	49.26 1.01 0.00
VALLEY44_115KV_TB2 355964	46.20 -0.37 0.00	43.32 -0.04 0.00	38.31 -0.86 0.00	34.41 -0.99 0.00	34.69 -0.85 0.00	37.03 -1.03 0.00	41.65 -0.72 0.00	44.11 -0.63 0.00	44.51 -0.63 0.00	45.28 0.00 0.00	46.34 0.86 0.00	53.74 2.41 0.00	55.15 3.07 0.00	63.57 3.65 0.00	66.84 3.78 0.00	71.18 5.09 0.00	81.98 6.63 0.00	85.97 8.03 0.00	83.61 7.53 0.00	79.20 6.20 0.00	71.23 3.78 0.00	62.41 2.57 0.00	54.41 1.84 0.00	50.57 2.32 0.00
VALLEY___115KV_TB 1-4 80826	47.41 0.84 0.00	44.10 0.74 0.00	39.83 0.67 0.00	36.01 0.60 0.00	36.15 0.60 0.00	38.70 0.65 0.00	43.13 0.76 0.00	45.55 0.81 0.00	45.96 0.81 0.00	46.05 0.77 0.00	46.20 0.73 0.00	52.25 0.92 0.00	53.02 0.94 0.00	61.05 1.14 0.00	64.26 1.20 0.00	67.61 1.52 0.00	77.38 2.03 0.00	80.34 2.42 0.02	78.51 2.43 0.00	75.18 2.19 0.00	69.14 1.69 0.00	61.15 1.32 0.00	53.62 1.05 0.00	49.17 0.92 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.15 1.58 0.00	44.75 1.39 0.00	40.46 1.29 0.00	36.54 1.13 0.00	36.68 1.14 0.00	39.27 1.22 0.00	43.68 1.31 0.00	46.17 1.43 0.00	46.59 1.44 0.00	46.68 1.40 0.00	46.84 1.36 0.00	53.07 1.75 0.00	53.85 1.77 0.00	62.13 2.22 0.00	65.45 2.40 0.00	69.07 2.97 0.00	79.49 4.14 0.00	83.01 5.07 0.00	81.10 5.02 0.00	77.30 4.31 0.00	70.63 3.17 0.00	62.23 2.39 0.00	54.46 1.89 0.00	49.89 1.64 0.00
VISCHER___FERRY HYD 24020	47.45 0.88 0.00	44.05 0.69 0.00	39.91 0.74 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.22 0.85 0.00	45.68 0.94 0.00	46.10 0.95 0.00	46.00 0.72 0.00	45.67 0.45 0.26	51.14 0.36 0.55	51.80 0.26 0.54	59.21 0.24 0.94	62.07 0.32 1.30	65.15 0.66 1.60	76.74 1.51 0.11	80.67 2.73 0.00	78.90 2.82 0.00	74.89 1.89 0.00	68.60 1.15 0.00	60.44 0.60 0.00	53.15 0.58 0.00	48.68 0.43 0.00
V_A_10_SYNC_DSASP 323832	46.10 -0.47 0.00	43.49 0.13 0.00	38.42 -0.74 0.00	34.41 -0.99 0.00	34.62 -0.92 0.00	36.84 -1.22 0.00	41.31 -1.06 0.00	43.80 -0.94 0.00	44.29 -0.86 0.00	45.00 -0.27 0.00	45.93 0.45 0.00	53.12 1.80 0.00	54.37 2.29 0.00	62.55 2.64 0.00	65.64 2.59 0.00	69.79 3.70 0.00	80.09 4.75 0.00	84.10 6.16 0.00	81.33 5.25 0.00	77.37 4.38 0.00	70.29 2.83 0.00	61.93 2.09 0.00	54.30 1.73 0.00	50.13 1.88 0.00
V_CMM_10_SYNC_DSASP 323787	47.17 0.60 0.00	43.97 0.61 0.00	39.76 0.59 0.00	35.90 0.50 0.00	36.04 0.50 0.00	38.55 0.49 0.00	43.01 0.64 0.00	45.23 0.49 0.00	45.46 0.32 0.00	45.41 0.14 0.00	45.57 0.09 0.00	51.53 0.21 0.00	52.13 0.05 0.00	59.85 -0.06 0.00	62.93 -0.13 0.00	65.23 -0.86 0.00	73.76 -1.59 0.00	74.73 -3.35 -0.14	73.11 -2.97 0.00	71.82 -1.17 0.00	67.25 -0.20 0.00	60.38 0.54 0.00	53.10 0.53 0.00	48.83 0.58 0.00
V_CMP_10_SYNC_DSASP 323788	47.17 0.60 0.00	44.23 0.87 0.00	39.95 0.78 0.00	36.08 0.67 0.00	36.25 0.71 0.00	38.81 0.76 0.00	43.38 1.02 0.00	45.41 0.67 0.00	45.60 0.45 0.00	45.59 0.32 0.00	45.98 0.50 0.00	51.74 0.41 0.00	52.34 0.26 0.00	60.15 0.24 0.00	63.18 0.13 0.00	65.56 -0.53 0.00	74.22 -1.13 0.00	75.29 -2.65 0.00	73.87 -2.21 0.00	72.33 -0.66 0.00	67.66 0.20 0.00	60.68 0.84 0.00	53.31 0.74 0.00	48.97 0.72 0.00
V_D_10_SYNC_DSASP 323841	47.50 0.93 0.00	44.31 0.95 0.00	40.03 0.86 0.00	36.15 0.74 0.00	36.29 0.75 0.00	38.85 0.80 0.00	43.34 0.98 0.00	45.55 0.81 0.00	45.69 0.54 0.00	45.59 0.32 0.00	45.66 0.18 0.00	51.69 0.36 0.00	52.34 0.26 0.00	60.03 0.12 0.00	63.06 0.00 0.00	65.37 -0.73 0.00	73.91 -1.43 0.00	74.19 -3.97 -0.22	72.66 -3.42 0.00	72.12 -0.87 0.00	67.59 0.14 0.00	60.79 0.95 0.00	53.52 0.95 0.00	49.16 0.91 0.00
V_E_10_SYNC_DSASP 323830	50.20 3.63 0.00	46.75 3.38 0.00	41.99 2.82 0.00	37.74 2.34 0.00	37.96 2.42 0.00	40.68 2.62 0.00	45.50 3.14 0.00	48.05 3.31 0.00	47.86 2.71 0.00	47.72 2.44 0.00	47.70 2.23 0.00	54.56 3.24 0.00	55.47 3.38 0.00	64.65 4.73 0.00	68.16 5.11 0.00	72.50 6.41 0.00	83.93 8.59 0.00	88.39 10.45 0.00	87.11 11.03 0.00	82.84 9.85 0.00	76.09 8.64 0.00	66.90 7.06 0.00	58.09 5.52 0.00	53.03 4.78 0.00

V_F_30_NSYNC___DSASP 323816	48.20 1.63 0.00	44.71 1.35 0.00	40.46 1.29 0.00	36.61 1.20 0.00	36.75 1.21 0.00	39.39 1.33 0.00	43.77 1.40 0.00	46.17 1.43 0.00	46.50 1.35 0.00	46.32 1.04 0.00	45.91 0.64 0.20	51.52 0.62 0.42	52.18 0.52 0.42	59.85 0.66 0.73	62.93 0.88 1.01	66.37 1.52 1.24	77.90 2.64 0.09	81.91 3.97 0.00	80.41 4.33 0.00	76.50 3.50 0.00	70.16 2.70 0.00	61.70 1.86 0.00	54.15 1.58 0.00	49.60 1.35 0.00
V_F_30_SYNC_DSASP 323786	46.57 0.00 0.00	43.23 -0.13 0.00	39.17 0.00 0.00	35.55 0.14 0.00	35.68 0.14 0.00	38.13 0.08 0.00	42.37 0.00 0.00	44.79 0.04 0.00	45.19 0.05 0.00	45.18 -0.09 0.00	45.07 -0.23 0.18	50.39 -0.56 0.37	51.14 -0.57 0.37	58.55 -0.72 0.64	61.54 -0.63 0.89	64.67 -0.33 1.09	75.57 0.30 0.08	79.19 1.25 0.00	77.30 1.22 0.00	73.58 0.58 0.00	67.19 -0.27 0.00	59.18 -0.66 0.00	52.10 -0.47 0.00	47.77 -0.48 0.00
V_XM_10_SYNC_DSASP 323789	47.17 0.60 0.00	44.23 0.87 0.00	39.95 0.78 0.00	36.08 0.67 0.00	36.25 0.71 0.00	38.81 0.76 0.00	43.38 1.02 0.00	45.41 0.67 0.00	45.60 0.45 0.00	45.59 0.32 0.00	45.98 0.50 0.00	51.74 0.41 0.00	52.34 0.26 0.00	60.15 0.24 0.00	63.18 0.13 0.00	65.56 -0.53 0.00	74.22 -1.13 0.00	75.29 -2.65 0.00	73.87 -2.21 0.00	72.33 -0.66 0.00	67.66 0.20 0.00	60.68 0.84 0.00	53.31 0.74 0.00	48.97 0.72 0.00
W.BABYLN_69_KV_BK1 56697	48.33 1.77 0.01	46.58 3.21 -0.01	45.14 2.86 -3.11	38.03 2.62 -0.01	38.04 2.49 -0.01	40.88 2.82 -0.01	45.47 3.09 -0.01	46.84 2.10 0.00	47.36 2.21 0.00	47.81 2.54 0.00	48.51 2.82 -0.22	54.77 2.98 -0.47	56.50 3.96 -0.46	64.88 4.07 -0.89	68.39 4.22 -1.11	77.34 4.82 -6.43	86.57 6.48 -4.75	90.07 7.64 -4.49	86.76 6.54 -4.14	77.81 4.82 0.00	69.14 1.69 0.00	60.61 0.78 0.00	52.04 0.63 1.16	45.98 0.34 2.61
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.10 1.54 0.00	44.71 1.34 0.00	40.38 1.21 0.00	36.61 1.20 0.00	36.71 1.17 0.00	39.35 1.29 0.00	43.85 1.48 0.00	46.40 1.66 0.00	47.18 2.03 0.00	47.54 2.26 0.00	48.00 2.32 -0.21	53.87 2.10 -0.44	54.75 2.24 -0.43	63.00 2.34 -0.75	66.56 2.46 -1.04	70.21 2.84 -1.28	79.51 4.07 -0.09	83.01 5.07 0.00	80.64 4.56 0.00	76.06 3.07 0.00	68.87 1.42 0.00	60.50 0.66 0.00	53.36 0.79 0.00	49.02 0.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.38 1.82 0.00	45.01 1.65 0.00	40.58 1.41 0.00	36.79 1.38 0.00	36.86 1.32 0.00	39.50 1.45 0.00	44.15 1.78 0.00	46.75 2.01 0.00	47.67 2.53 0.00	48.13 2.85 -0.01	48.56 2.86 -0.22	54.21 2.41 -0.47	55.10 2.55 -0.46	63.11 2.40 -0.80	66.56 2.40 -1.11	70.30 2.84 -1.37	79.59 4.14 -0.10	83.01 5.07 0.00	80.49 4.41 0.00	75.84 2.85 0.00	68.53 1.08 0.00	60.26 0.42 0.00	53.31 0.74 0.00	49.12 0.87 0.00
W50THST__13_KV_LOAD 356117	48.66 2.10 0.00	45.27 1.91 0.00	40.81 1.65 0.00	36.96 1.56 0.00	37.03 1.49 0.00	39.73 1.67 0.00	44.40 2.03 0.00	47.07 2.33 0.00	47.99 2.84 0.00	48.50 3.21 -0.01	48.93 3.23 -0.22	54.67 2.87 -0.47	55.51 2.97 -0.46	63.59 2.88 -0.80	67.07 2.90 -1.11	70.76 3.30 -1.37	80.19 4.75 -0.10	83.63 5.69 0.00	81.02 4.95 0.00	76.28 3.28 0.00	68.94 1.48 0.00	60.62 0.78 0.00	53.62 1.05 0.00	49.41 1.16 0.00
WADING RIVER_IC_1 23522	49.50 2.94 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.65 2.23 -0.01	37.61 2.06 -0.01	40.42 2.36 -0.01	44.92 2.54 -0.01	46.93 2.19 0.00	47.76 2.62 0.00	47.81 2.53 0.00	47.87 2.18 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	64.92 3.47 -1.53	67.84 3.66 -1.13	113.64 4.23 -43.32	119.78 5.80 -38.63	122.25 7.02 -37.29	116.38 5.94 -34.36	77.08 4.09 -0.01	68.40 0.94 0.00	59.95 0.12 0.01	51.11 -0.10 1.36	45.07 -0.14 3.04
WADING RIVER_IC_2 23547	49.50 2.94 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.65 2.23 -0.01	37.61 2.06 -0.01	40.42 2.36 -0.01	44.92 2.54 -0.01	46.93 2.19 0.00	47.76 2.62 0.00	47.81 2.53 0.00	47.87 2.18 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	64.92 3.47 -1.53	67.84 3.66 -1.13	113.64 4.23 -43.32	119.78 5.80 -38.63	122.25 7.02 -37.29	116.38 5.94 -34.36	77.08 4.09 -0.01	68.40 0.94 0.00	59.95 0.12 0.01	51.11 -0.10 1.36	45.07 -0.14 3.04
WADING RIVER_IC_3 23601	49.50 2.94 0.01	46.23 2.86 -0.01	44.85 2.47 -3.21	37.65 2.23 -0.01	37.61 2.06 -0.01	40.42 2.36 -0.01	44.92 2.54 -0.01	46.93 2.19 0.00	47.76 2.62 0.00	47.81 2.53 0.00	47.87 2.18 -0.22	54.36 2.57 -0.47	55.90 3.34 -0.48	64.92 3.47 -1.53	67.84 3.66 -1.13	113.64 4.23 -43.32	119.78 5.80 -38.63	122.25 7.02 -37.29	116.38 5.94 -34.36	77.08 4.09 -0.01	68.40 0.94 0.00	59.95 0.12 0.01	51.11 -0.10 1.36	45.07 -0.14 3.04
WALDENNY_12_KV_BK2 80841	46.99 0.42 0.00	44.32 0.95 0.00	39.05 -0.12 0.00	34.95 -0.46 0.00	35.19 -0.36 0.00	37.48 -0.57 0.00	42.03 -0.34 0.00	44.47 -0.27 0.00	44.97 -0.18 0.00	45.86 0.59 0.00	46.98 1.50 0.00	54.61 3.29 0.00	56.14 4.06 0.00	64.53 4.61 0.00	67.66 4.60 0.00	72.17 6.08 0.00	83.03 7.69 0.00	87.14 9.20 0.00	84.45 8.37 0.00	79.93 6.93 0.00	72.31 4.86 0.00	63.67 3.83 0.00	55.62 3.05 0.00	51.48 3.23 0.00
WALDEN__HYDRO 24148	48.06 1.49 0.00	44.66 1.30 0.00	40.34 1.18 0.00	36.54 1.13 0.00	36.64 1.10 0.00	39.23 1.18 0.00	43.77 1.40 0.00	46.22 1.48 0.00	46.91 1.76 0.00	47.22 1.95 0.00	47.61 1.96 -0.18	53.49 1.80 -0.37	54.32 1.87 -0.36	62.52 1.98 -0.63	66.01 2.08 -0.87	69.75 2.58 -1.08	79.12 3.69 -0.08	82.70 4.75 0.00	80.42 4.34 0.00	76.06 3.07 0.00	69.01 1.55 0.00	60.68 0.84 0.00	53.46 0.89 0.00	49.07 0.82 0.00
WARRENSBURG____ 23737	47.92 1.35 0.00	44.40 1.04 0.00	40.23 1.06 0.00	36.40 0.99 0.00	36.54 1.00 0.00	39.20 1.14 0.00	43.47 1.10 0.00	45.90 1.16 0.00	46.14 0.99 0.00	45.91 0.63 0.00	45.19 -0.09 0.19	50.62 -0.31 0.40	51.32 -0.36 0.39	58.87 -0.36 0.69	62.11 0.00 0.95	65.65 0.73 1.17	77.22 1.96 0.08	81.29 3.35 0.00	80.49 4.41 0.00	76.79 3.80 0.00	70.29 2.83 0.00	61.75 1.91 0.00	54.04 1.47 0.00	49.46 1.21 0.00
WATERSIDE____6 8 9 23538	48.57 2.00 0.00	45.18 1.82 0.00	40.77 1.61 0.00	36.93 1.52 0.00	36.96 1.42 0.00	39.65 1.60 0.00	44.28 1.91 0.00	46.89 2.15 0.00	47.72 2.57 0.00	48.18 2.90 -0.01	48.65 2.96 -0.22	54.11 2.31 -0.47	54.83 2.29 -0.46	60.16 1.68 1.43	59.16 1.64 5.53	60.94 1.98 7.13	59.83 3.09 18.61	59.24 4.05 22.75	57.52 3.42 21.98	56.17 1.90 18.72	56.65 0.34 11.14	57.96 -0.12 1.76	52.88 0.32 0.00	49.31 1.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.08 0.51 0.00	43.84 0.48 0.00	39.60 0.43 0.00	35.80 0.39 0.00	35.93 0.39 0.00	38.47 0.42 0.00	42.84 0.47 0.00	45.28 0.54 0.00	45.64 0.50 0.00	45.77 0.50 0.00	45.93 0.45 0.00	51.89 0.56 0.00	52.65 0.57 0.00	60.63 0.72 0.00	63.81 0.76 0.00	67.08 0.99 0.00	76.78 1.43 0.00	79.72 1.79 0.02	77.91 1.83 0.00	74.52 1.53 0.00	68.60 1.15 0.00	60.68 0.84 0.00	53.20 0.63 0.00	48.78 0.53 0.00

WDELAWARE___HYD 323627	48.20 1.63 0.00	44.75 1.39 0.00	40.34 1.17 0.00	36.50 1.10 0.00	36.57 1.03 0.00	39.19 1.14 0.00	43.73 1.36 0.00	46.17 1.43 0.00	46.91 1.76 0.00	47.09 1.81 0.00	47.44 1.82 -0.14	53.57 1.95 -0.29	54.30 1.93 -0.29	62.57 2.15 -0.50	66.02 2.27 -0.70	69.79 2.84 -0.86	79.55 4.14 -0.06	83.24 5.30 0.00	81.18 5.10 0.00	76.71 3.72 0.00	69.75 2.29 0.00	61.27 1.43 0.00	53.88 1.31 0.00	49.46 1.21 0.00
WEST BABYLON___IC 23714	48.33 1.77 0.01	46.58 3.21 -0.01	45.14 2.86 -3.11	38.03 2.62 -0.01	38.04 2.49 -0.01	40.88 2.82 -0.01	45.47 3.09 -0.01	46.84 2.10 0.00	47.36 2.21 0.00	47.81 2.54 0.00	48.51 2.82 -0.22	54.77 2.98 -0.47	56.50 3.96 -0.46	64.88 4.07 -0.89	68.39 4.22 -1.11	77.34 4.82 -6.43	86.57 6.48 -4.75	90.07 7.64 -4.49	86.76 6.54 -4.14	77.81 4.82 0.00	69.14 1.69 0.00	60.61 0.78 0.00	52.04 0.63 1.16	45.98 0.34 2.61
WEST CANADA___HYD 24049	46.61 0.05 0.00	43.36 0.00 0.00	39.21 0.04 0.00	35.44 0.04 0.00	35.58 0.04 0.00	38.09 0.04 0.00	42.41 0.04 0.00	44.79 0.04 0.00	45.19 0.05 0.00	45.32 0.05 0.00	45.47 0.00 0.00	51.33 0.00 0.00	52.08 0.00 0.00	59.91 0.00 0.00	63.06 0.00 0.00	66.22 0.13 0.00	75.73 0.38 0.00	78.63 0.70 0.02	76.76 0.68 0.00	73.43 0.44 0.00	67.59 0.14 0.00	59.84 0.00 0.00	52.57 0.00 0.00	48.20 -0.05 0.00
WESTERN_NY_WIND 24143	47.73 1.16 0.00	44.88 1.52 0.00	39.60 0.43 0.00	35.44 0.04 0.00	35.65 0.11 0.00	37.94 -0.11 0.00	42.58 0.21 0.00	44.96 0.22 0.00	45.37 0.23 0.00	46.00 0.72 0.00	46.93 1.46 0.00	54.51 3.18 0.00	55.78 3.70 0.00	64.47 4.55 0.00	67.66 4.60 0.00	71.97 5.88 0.00	82.88 7.53 0.00	87.37 9.43 0.00	84.68 8.60 0.00	80.58 7.59 0.00	73.19 5.73 0.00	64.33 4.49 0.00	56.25 3.68 0.00	51.97 3.72 0.00
WESTOVER___LESR 323668	46.89 0.33 0.00	43.75 0.39 0.00	39.29 0.12 0.00	35.41 0.00 0.00	35.61 0.07 0.00	38.09 0.04 0.00	42.50 0.13 0.00	44.96 0.22 0.00	45.37 0.23 0.00	45.64 0.36 0.00	46.11 0.64 0.00	52.46 1.13 0.00	53.44 1.35 0.00	61.65 1.74 0.00	64.89 1.83 0.00	68.54 2.45 0.00	78.66 3.32 0.00	82.31 4.36 0.00	80.26 4.18 0.00	76.50 3.50 0.00	69.75 2.29 0.00	61.39 1.56 0.00	53.73 1.16 0.00	49.36 1.11 0.00
WETHRSFD_WT_PWR 323626	46.43 -0.14 0.00	43.84 0.48 0.00	38.85 -0.31 0.00	34.88 -0.53 0.00	35.12 -0.42 0.00	37.44 -0.61 0.00	41.82 -0.55 0.00	44.21 -0.53 0.00	44.02 -1.13 0.00	45.01 -0.27 0.00	46.11 0.64 0.00	52.51 1.18 0.00	54.53 2.45 0.00	62.91 2.99 0.00	66.21 3.15 0.00	70.52 4.43 0.00	81.45 6.10 0.00	85.19 7.25 0.00	82.85 6.77 0.00	77.88 4.89 0.00	71.50 4.05 0.00	62.95 3.11 0.00	55.04 2.47 0.00	50.66 2.41 0.00
WHAVSTOR_138KV_BK127 55557	47.73 1.16 0.00	44.40 1.04 0.00	40.11 0.94 0.00	36.40 0.99 0.00	36.50 0.96 0.00	39.08 1.03 0.00	43.56 1.19 0.00	46.08 1.34 0.00	46.86 1.72 0.00	47.18 1.90 0.00	47.64 1.96 -0.21	53.46 1.69 -0.44	54.29 1.77 -0.43	62.41 1.74 -0.75	65.86 1.77 -1.04	69.56 2.18 -1.28	78.75 3.32 -0.09	82.23 4.29 0.00	79.81 3.73 0.00	75.33 2.34 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.88 0.32 0.00	48.59 0.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.73 1.16 0.00	44.40 1.04 0.00	40.11 0.94 0.00	36.40 0.99 0.00	36.50 0.96 0.00	39.08 1.03 0.00	43.56 1.19 0.00	46.08 1.34 0.00	46.86 1.72 0.00	47.18 1.90 0.00	47.64 1.96 -0.21	53.46 1.69 -0.44	54.29 1.77 -0.43	62.41 1.74 -0.75	65.86 1.77 -1.04	69.56 2.18 -1.28	78.75 3.32 -0.09	82.23 4.29 0.00	79.81 3.73 0.00	75.33 2.34 0.00	68.20 0.74 0.00	59.96 0.12 0.00	52.88 0.32 0.00	48.59 0.34 0.00
WHITEHAL_115KV_TB1 80871	48.29 1.72 0.00	44.66 1.30 0.00	40.38 1.21 0.00	36.54 1.13 0.00	36.71 1.17 0.00	39.39 1.33 0.00	43.73 1.36 0.00	46.08 1.34 0.00	46.23 1.08 0.00	45.91 0.63 0.00	45.14 -0.14 0.20	50.56 -0.36 0.41	51.26 -0.42 0.40	58.91 -0.30 0.70	62.21 0.13 0.97	65.88 0.99 1.20	77.75 2.49 0.08	81.99 4.05 0.00	81.41 5.33 0.00	77.74 4.74 0.00	71.10 3.64 0.00	62.35 2.51 0.00	54.51 1.95 0.00	49.79 1.54 0.00
WHITEPLN_13_KV_LOAD 356215	48.66 2.10 0.00	45.23 1.86 0.00	40.81 1.65 0.00	36.96 1.56 0.00	37.03 1.49 0.00	39.69 1.64 0.00	44.32 1.95 0.00	46.89 2.15 0.00	47.72 2.57 0.00	48.13 2.85 0.00	48.56 2.86 -0.22	54.62 2.82 -0.47	55.46 2.92 -0.46	63.83 3.12 -0.80	67.32 3.15 -1.11	71.16 3.70 -1.36	80.57 5.12 -0.10	84.18 6.24 0.00	81.63 5.55 0.00	76.86 3.87 0.00	69.61 2.16 0.00	61.04 1.20 0.00	53.83 1.26 0.00	49.46 1.21 0.00
WM_FLOYD_69_KV_BK2 356380	48.24 1.68 0.01	46.53 3.17 -0.01	45.16 2.78 -3.21	37.96 2.55 -0.01	37.97 2.42 -0.01	40.76 2.70 -0.01	45.26 2.88 -0.01	46.53 1.79 0.00	47.04 1.90 0.00	47.45 2.17 0.00	48.28 2.59 -0.22	54.52 2.72 -0.47	56.36 3.80 -0.47	65.34 3.89 -1.54	68.34 4.16 -1.12	115.01 4.76 -44.16	121.16 6.40 -39.41	123.61 7.64 -38.03	117.75 6.62 -35.05	77.89 4.89 -0.01	69.07 1.62 0.00	60.49 0.66 0.00	51.58 0.37 1.35	45.41 0.19 3.03
WOODARD___115KV_TB2 355635	46.10 -0.47 0.00	42.93 -0.43 0.00	38.62 -0.55 0.00	34.84 -0.57 0.00	35.01 -0.53 0.00	37.48 -0.57 0.00	41.78 -0.59 0.00	44.20 -0.54 0.00	44.60 -0.54 0.00	44.78 -0.50 0.00	45.11 -0.36 0.00	51.17 -0.15 0.00	51.93 -0.16 0.00	59.97 0.06 0.00	63.18 0.13 0.00	66.62 0.53 0.00	76.25 0.90 0.00	79.63 1.71 0.02	77.60 1.52 0.00	74.09 1.09 0.00	68.00 0.54 0.00	60.02 0.18 0.00	52.57 0.00 0.00	48.25 0.00 0.00
WOODMERE_69_KV_BK1 55827	48.53 1.96 -0.01	46.27 2.91 -0.01	44.57 2.55 -2.86	37.78 2.37 -0.01	37.86 2.31 -0.01	40.57 2.51 -0.01	45.22 2.84 -0.01	46.89 2.15 0.00	47.45 2.30 0.00	47.95 2.67 0.00	48.83 3.14 -0.22	55.13 3.34 -0.47	56.71 4.17 -0.46	65.21 4.49 -0.80	68.83 4.67 -1.11	72.69 5.22 -1.38	82.24 6.78 -0.11	85.89 7.95 0.00	83.00 6.92 0.00	78.32 5.33 0.00	69.82 2.36 0.00	61.09 1.26 0.00	54.20 1.26 -0.36	49.97 0.92 -0.81
YORK___WARBASSE 23770	48.76 2.19 0.00	45.44 2.08 0.00	41.01 1.84 0.00	37.11 1.70 0.00	37.18 1.63 0.00	39.84 1.79 0.00	44.45 2.08 0.00	46.98 2.24 0.00	47.72 2.57 0.00	48.23 2.94 -0.01	48.70 3.00 -0.22	54.21 2.41 -0.47	54.99 2.45 -0.46	62.86 2.16 -0.79	66.24 2.08 -1.10	69.90 2.45 -1.36	79.13 3.69 -0.09	82.61 4.68 0.01	80.10 4.03 0.01	75.54 2.55 0.01	68.32 0.88 0.01	58.38 0.30 1.76	53.04 0.47 0.00	49.60 1.35 0.00