

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/02/2024

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	46.80	42.25	39.18	34.51	32.36	38.38	41.09	44.98	45.59	48.74	47.41	60.61	61.93	78.88	58.98	55.24	69.61	83.75	56.97	45.61	48.21	39.16	31.45	30.23
24138	3.37	2.97	2.49	2.17	1.99	2.31	2.53	3.39	3.95	4.55	4.81	5.95	6.30	7.78	6.13	5.35	4.33	3.66	2.88	2.46	3.58	2.88	2.36	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.52	-27.53	-46.46	-23.13	-14.27	0.00	0.00	0.00	0.00
74TH STREET_GT_1	46.90	42.36	39.28	34.56	32.41	38.41	41.12	44.99	45.57	48.72	47.44	60.81	62.19	79.05	59.06	55.29	69.65	83.72	57.04	45.68	48.34	39.28	31.55	30.30
24260	3.47	3.08	2.58	2.22	2.04	2.34	2.56	3.40	3.92	4.53	4.85	6.14	6.56	7.96	6.21	5.41	4.38	3.65	2.95	2.54	3.72	3.00	2.46	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.51	-46.43	-23.12	-14.26	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.90	42.36	39.28	34.56	32.41	38.41	41.12	44.99	45.57	48.72	47.44	60.81	62.19	79.05	59.06	55.29	69.65	83.72	57.04	45.68	48.34	39.28	31.55	30.30
24261	3.47	3.08	2.58	2.22	2.04	2.34	2.56	3.40	3.92	4.53	4.85	6.14	6.56	7.96	6.21	5.41	4.38	3.65	2.95	2.54	3.72	3.00	2.46	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.52	-27.51	-46.43	-23.12	-14.26	0.00	0.00	0.00
ADK HUDSON___FALLS	47.00	42.12	39.19	34.66	32.52	38.66	41.33	44.80	44.85	47.70	45.88	58.96	60.25	77.12	57.40	50.08	45.55	36.89	33.96	31.65	49.09	39.95	31.86	30.45
24011	3.58	2.84	2.49	2.33	2.14	2.58	2.76	3.21	3.20	3.52	3.29	4.30	4.62	6.03	4.56	4.01	3.46	3.25	2.99	2.77	4.46	3.67	2.77	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.36	42.34	39.38	34.90	32.73	38.93	41.64	45.19	45.21	48.01	46.18	59.37	60.77	77.92	57.88	50.52	45.91	37.30	34.28	31.96	49.50	40.36	32.18	30.70
23798	3.94	3.06	2.68	2.56	2.36	2.86	3.07	3.60	3.56	3.82	3.59	4.71	5.14	6.83	5.04	4.45	3.84	3.66	3.32	3.08	4.88	4.08	3.09	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-4.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.00	42.12	39.19	34.66	32.52	38.66	41.33	44.80	44.85	47.70	45.88	58.96	60.25	77.12	57.40	50.08	45.55	36.89	33.96	31.65	49.09	39.95	31.86	30.45
24028	3.58	2.84	2.49	2.33	2.14	2.58	2.76	3.21	3.20	3.52	3.29	4.30	4.62	6.03	4.56	4.01	3.46	3.25	2.99	2.77	4.46	3.67	2.77	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	45.90	41.50	38.68	34.24	32.11	38.05	40.43	43.65	43.70	46.48	44.83	57.32	58.86	75.35	56.19	49.23	45.48	35.75	32.82	30.48	47.40	38.55	30.87	29.58
23527	2.48	2.23	1.98	1.90	1.74	1.97	1.87	2.05	2.05	2.29	2.24	2.66	3.23	4.26	3.34	3.00	2.46	2.12	1.85	1.60	2.78	2.27	1.78	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-5.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	44.12	39.93	37.23	32.86	30.85	36.52	38.97	42.17	42.25	44.99	43.41	55.50	56.74	72.41	54.09	47.21	43.17	34.39	31.53	29.31	45.32	36.84	29.56	28.44
24190	0.70	0.65	0.53	0.53	0.47	0.45	0.41	0.58	0.60	0.81	0.82	0.84	1.11	1.32	1.25	1.11	0.90	0.75	0.56	0.43	0.70	0.55	0.47	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	42.52	38.62	36.21	31.97	30.06	35.66	38.11	40.82	40.72	42.87	40.92	52.53	52.89	65.39	38.05	30.24	36.25	32.30	29.88	27.91	43.42	35.28	28.32	27.32
355683	-0.90	-0.66	-0.48	-0.36	-0.31	-0.41	-0.46	-0.77	-0.92	-1.32	-1.68	-2.13	-2.39	-2.65	-2.25	-2.05	-1.50	-1.34	-1.08	-0.98	-1.21	-1.00	-0.77	-0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	3.06	12.55	13.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	45.10	40.81	38.10	33.63	31.57	37.42	39.91	43.01	42.72	45.62	43.68	55.23	56.20	71.99	53.98	7.25	30.29	34.36	31.55	29.39	45.50	36.98	29.87	29.04
323833	1.68	1.54	1.40	1.30	1.20	1.35	1.34	1.42	1.07	1.44	1.09	0.57	0.57	0.89	1.14	0.90	0.81	0.72	0.59	0.50	0.88	0.69	0.78	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.01	8.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	45.09	40.80	38.08	33.62	31.57	37.41	39.90	43.00	42.71	45.61	43.67	55.20	56.18	71.93	53.97	7.26	30.28	34.34	31.54	29.38	45.49	36.96	29.86	29.03
323834	1.66	1.53	1.38	1.28	1.19	1.34	1.33	1.41	1.06	1.43	1.07	0.54	0.55	0.84	1.13	0.90	0.79	0.70	0.57	0.50	0.87	0.68	0.77	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00	8.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	44.12	39.93	37.23	32.86	30.85	36.52	38.97	42.17	42.25	44.99	43.41	55.50	56.74	72.41	54.09	47.21	43.17	34.39	31.53	29.31	45.32	36.84	29.56	28.44
23571	0.70	0.65	0.53	0.53	0.47	0.45	0.41	0.58	0.60	0.81	0.82	0.84	1.11	1.32	1.25	1.11	0.90	0.75	0.56	0.43	0.70	0.55	0.47	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.85 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.39 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.84 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
ALBANY___3 23573	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.85 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.39 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.84 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
ALBANY___4 23574	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.85 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.39 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.84 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
ALBANY___LFGE 323615	44.70 1.28 0.00	40.41 1.14 0.00	37.67 0.97 0.00	33.25 0.92 0.00	31.21 0.83 0.00	36.96 0.89 0.00	39.46 0.89 0.00	42.71 1.12 0.00	42.83 1.18 0.00	45.62 1.44 0.00	44.03 1.44 0.00	56.35 1.69 0.00	57.61 1.98 0.00	73.56 2.46 0.00	54.94 2.10 0.00	47.94 1.84 -0.74	43.73 1.49 -4.49	34.90 1.27 0.00	32.00 1.03 0.00	29.75 0.87 0.00	46.00 1.37 0.00	37.39 1.11 0.00	29.99 0.90 0.00	28.81 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	42.77 -0.65 0.00	38.82 -0.46 0.00	36.36 -0.33 0.00	32.10 -0.24 0.00	30.17 -0.20 0.00	35.79 -0.28 0.00	38.26 -0.30 0.00	40.99 -0.61 0.00	40.70 -0.95 0.00	42.68 -1.51 0.00	40.72 -1.87 0.00	52.28 -2.39 0.00	52.49 -2.65 0.49	63.94 -2.97 4.18	33.44 -2.25 17.16	25.46 -2.02 17.88	36.30 -1.45 0.00	32.35 -1.28 0.00	29.94 -1.02 0.00	28.00 -0.88 0.00	43.32 -1.31 0.00	35.21 -1.07 0.00	28.28 -0.81 0.00	27.28 -0.68 0.00
ALCOA_RYNLDS___DRP 24188	42.77 -0.65 0.00	38.82 -0.46 0.00	36.36 -0.33 0.00	32.10 -0.24 0.00	30.17 -0.20 0.00	35.79 -0.28 0.00	38.26 -0.30 0.00	40.99 -0.61 0.00	40.70 -0.95 0.00	42.68 -1.51 0.00	40.72 -1.87 0.00	52.28 -2.39 0.00	52.49 -2.65 0.49	63.94 -2.97 4.18	33.44 -2.25 17.16	25.46 -2.02 17.88	36.30 -1.45 0.00	32.35 -1.28 0.00	29.94 -1.02 0.00	28.00 -0.88 0.00	43.32 -1.31 0.00	35.21 -1.07 0.00	28.28 -0.81 0.00	27.28 -0.68 0.00
ALCOA___DSASP 323711	42.77 -0.65 0.00	38.82 -0.46 0.00	36.36 -0.33 0.00	32.10 -0.24 0.00	30.18 -0.20 0.00	35.79 -0.28 0.00	38.26 -0.30 0.00	40.99 -0.60 0.00	40.70 -0.95 0.00	42.68 -1.50 0.00	40.72 -1.87 0.00	52.28 -2.39 0.00	52.49 -2.65 0.49	63.94 -2.97 4.18	33.44 -2.25 17.16	25.46 -2.02 17.88	36.30 -1.45 0.00	32.35 -1.28 0.00	29.94 -1.02 0.00	28.00 -0.88 0.00	43.32 -1.31 0.00	35.21 -1.07 0.00	28.28 -0.81 0.00	27.28 -0.68 0.00
ALLEGHENY___COGEN 23514	45.90 2.47 0.00	40.31 1.03 0.00	37.29 0.60 0.00	32.60 0.27 0.00	30.67 0.30 0.00	36.86 0.79 0.00	39.89 1.33 0.00	43.56 1.97 0.00	43.65 2.00 0.00	46.39 2.21 0.00	44.88 2.29 0.00	55.74 1.08 0.00	53.37 -2.26 0.00	66.82 -4.27 0.00	49.50 -3.34 0.00	43.02 -2.34 0.00	35.56 -2.20 0.00	32.08 -1.56 0.00	29.67 -1.29 0.00	28.36 -0.52 0.00	44.01 -0.62 0.00	35.82 -0.46 0.00	30.85 1.76 0.00	29.38 1.41 0.00
ALTAMONT_115KV_TB 2 55880	44.64 1.21 0.00	40.37 1.09 0.00	37.65 0.95 0.00	33.21 0.87 0.00	31.17 0.80 0.00	36.95 0.88 0.00	39.48 0.91 0.00	42.69 1.10 0.00	42.75 1.11 0.00	45.51 1.32 0.00	43.92 1.33 0.00	56.19 1.53 0.00	57.36 1.73 0.00	73.21 2.11 0.00	54.64 1.79 0.00	50.17 1.60 -3.21	44.17 1.32 -5.10	34.77 1.13 0.00	31.91 0.94 0.00	29.69 0.81 0.00	45.88 1.26 0.00	37.31 1.03 0.00	29.92 0.83 0.00	28.77 0.80 0.00
ALTONA_WT_PWR 323606	42.96 -0.46 0.00	39.02 -0.25 0.00	36.63 -0.07 0.00	32.50 0.17 0.00	30.51 0.13 0.00	36.20 0.13 0.00	38.71 0.15 0.00	41.67 0.07 0.00	41.74 0.09 0.00	43.92 -0.26 0.00	41.37 -1.22 0.00	52.54 -2.13 0.00	52.85 -2.44 0.34	65.42 -2.73 2.95	38.70 -2.05 12.10	30.84 -1.92 12.61	36.33 -1.42 0.00	32.40 -1.23 0.00	29.90 -1.07 0.00	28.12 -0.77 0.00	43.53 -1.10 0.00	35.62 -0.67 0.00	28.92 -0.17 0.00	27.98 0.02 0.00
AMERICAN_REF_FUEL 24010	43.91 0.49 0.00	38.18 -1.10 0.00	35.17 -1.53 0.00	30.68 -1.66 0.00	28.94 -1.44 0.00	34.87 -1.20 0.00	37.86 -0.71 0.00	41.33 -0.27 0.00	41.64 -0.01 0.00	43.94 -0.24 0.00	42.47 -0.12 0.00	55.08 0.42 0.00	54.95 -0.68 0.00	68.92 -2.17 0.00	49.81 -3.04 0.00	42.32 -3.04 0.00	34.95 -2.80 0.00	31.58 -2.06 0.00	29.37 -1.60 0.00	28.44 -0.45 0.00	44.27 -0.36 0.00	36.34 0.06 0.00	29.29 0.20 0.00	28.07 0.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.37 2.95 0.00	40.19 0.91 0.00	37.08 0.38 0.00	32.17 -0.17 0.00	30.34 -0.03 0.00	36.92 0.85 0.00	40.11 1.55 0.00	44.08 2.49 0.00	44.41 2.76 0.00	46.93 2.75 0.00	45.64 3.04 0.00	59.17 4.51 0.00	59.21 3.59 0.00	74.29 3.20 0.00	53.54 0.69 0.00	45.58 0.22 0.00	37.35 -0.40 0.00	33.77 0.13 0.00	31.27 0.31 0.00	30.15 1.27 0.00	46.84 2.22 0.00	38.36 2.07 0.00	30.89 1.80 0.00	29.45 1.49 0.00
ARTHUR KILL_GT_1 23520	55.30 3.22 -8.65	46.57 2.78 -4.51	39.00 2.30 -0.01	34.29 1.96 0.00	32.16 1.79 0.00	38.21 2.13 0.00	40.90 2.34 0.00	44.75 3.16 0.00	45.26 3.61 0.00	48.42 4.15 -0.09	159.86 4.53 -112.73	91.12 5.90 -30.56	216.45 6.16 -154.66	126.11 7.47 -47.54	82.09 5.88 -23.36	83.05 5.18 -32.51	91.39 4.22 -49.41	105.42 3.46 -68.33	77.69 2.63 -44.09	60.13 2.25 -29.00	71.73 3.22 -23.88	59.08 2.58 -20.22	31.26 2.17 0.00	30.01 2.04 0.00
ARTHUR_KILL_2 23512	55.09 3.01 -8.65	46.38 2.59 -4.51	38.84 2.13 -0.01	34.15 1.82 0.00	32.03 1.66 0.00	38.05 1.97 0.00	40.73 2.17 0.00	44.56 2.96 0.00	45.06 3.42 0.00	48.19 3.92 -0.09	159.63 4.30 -112.73	90.81 5.59 -30.56	216.16 5.86 -154.66	125.71 7.08 -47.54	81.81 5.60 -23.36	82.79 4.91 -32.51	91.18 4.01 -49.41	105.23 3.26 -68.33	77.51 2.46 -44.09	59.98 2.09 -29.00	71.50 2.99 -23.88	58.89 2.39 -20.22	31.12 2.03 0.00	29.88 1.92 0.00
ARTHUR_KILL_3 23513	46.50 2.80 -0.27	44.96 2.55 -3.14	38.81 2.11 0.00	34.16 1.82 0.00	32.03 1.66 0.00	37.92 1.85 0.00	40.53 1.96 0.00	44.30 2.70 0.00	44.83 3.18 0.00	47.98 3.73 -0.07	46.23 4.03 0.39	59.73 5.07 0.00	61.05 5.49 0.07	77.78 6.69 0.00	55.91 5.26 2.20	50.38 4.59 -0.43	53.03 3.75 -11.53	83.34 3.10 -46.60	56.57 2.48 -23.13	45.34 2.19 -14.26	47.89 3.27 0.00	44.48 2.66 -5.53	31.26 2.17 0.00	29.97 2.01 0.00

ARTHUR_KILL_COGEN 323718	55.30 3.22 -8.65	46.57 2.78 -4.51	39.00 2.30 -0.01	34.29 1.96 0.00	32.16 1.79 0.00	38.21 2.13 0.00	40.90 2.34 0.00	44.75 3.16 0.00	45.26 3.61 0.00	48.42 4.15 -0.09	159.86 4.53 -112.73	91.12 5.90 -30.56	216.45 6.16 -154.66	126.11 7.47 -47.54	82.09 5.88 -23.36	83.05 5.18 -32.51	91.39 4.22 -49.41	105.42 3.46 -68.33	77.69 2.63 -44.09	60.13 2.25 -29.00	71.73 3.22 -23.88	59.08 2.58 -20.22	31.26 2.17 0.00	30.01 2.04 0.00
ASHOKAN____ 23654	46.67 3.25 0.00	42.03 2.75 0.00	39.12 2.42 0.00	34.47 2.14 0.00	32.33 1.96 0.00	38.34 2.26 0.00	41.02 2.46 0.00	44.49 2.90 0.00	44.50 2.85 0.00	47.48 3.30 0.00	45.72 3.13 0.00	58.61 3.95 0.00	59.93 4.30 0.00	76.99 5.89 0.00	57.01 4.17 0.00	14.93 3.67 34.10	30.37 3.15 10.53	36.54 2.90 0.00	33.41 2.45 0.00	31.08 2.19 0.00	47.96 3.34 0.00	38.83 2.55 0.00	31.05 1.96 0.00	29.77 1.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.36 2.94 0.00	41.93 2.66 0.00	38.96 2.26 0.00	34.27 1.93 0.00	32.20 1.83 0.00	38.01 1.94 0.00	40.70 2.14 0.00	44.48 2.89 0.00	45.02 3.37 0.00	48.10 3.92 0.00	46.84 4.25 0.00	60.24 5.58 0.00	61.62 5.99 0.00	78.06 6.97 0.00	58.35 5.50 0.00	54.80 4.92 -4.52	69.20 3.94 -27.51	83.27 3.20 -46.43	56.64 2.55 -23.12	45.36 2.22 -14.26	47.84 3.22 0.01	38.94 2.67 0.01	31.24 2.15 0.00	29.96 2.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.36 2.94 0.00	41.93 2.66 0.00	38.96 2.26 0.00	34.27 1.93 0.00	32.20 1.83 0.00	38.01 1.94 0.00	40.70 2.14 0.00	44.48 2.89 0.00	45.02 3.37 0.00	48.10 3.92 0.00	46.84 4.25 0.00	60.24 5.58 0.00	61.62 5.99 0.00	78.06 6.97 0.00	58.35 5.50 0.00	54.80 4.92 -4.52	69.20 3.94 -27.51	83.27 3.20 -46.43	56.64 2.55 -23.12	45.36 2.22 -14.26	47.84 3.22 0.01	38.94 2.67 0.01	31.24 2.15 0.00	29.96 2.00 0.00
ASTORIA_GT2_1 24094	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT2_2 24095	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT2_3 24096	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT2_4 24097	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT3_1 24098	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT3_2 24099	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT3_3 24100	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT3_4 24101	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT4_1 24102	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT4_2 24103	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT4_3 24104	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00

ASTORIA_GT4_4 24105	46.39 2.97 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.72 2.16 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.12 3.94 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.36 5.52 0.00	54.81 4.92 -4.52	69.22 3.96 -27.51	83.29 3.22 -46.43	56.67 2.58 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.95 2.67 0.01	31.25 2.16 0.00	29.97 2.01 0.00
ASTORIA_GT_1 23523	46.50 3.08 0.00	42.06 2.78 0.00	39.07 2.37 0.00	34.37 2.03 0.00	32.29 1.92 0.00	38.12 2.05 0.00	40.82 2.26 0.00	44.64 3.04 0.00	45.17 3.52 0.00	48.28 4.10 0.00	47.00 4.41 0.00	60.47 5.81 0.00	61.85 6.22 0.00	78.35 7.26 0.00	58.56 5.72 0.00	54.98 5.10 -4.52	69.34 4.08 -27.51	83.40 3.34 -46.43	56.76 2.67 -23.12	45.47 2.33 -14.26	48.01 3.39 0.01	39.07 2.80 0.01	31.34 2.25 0.00	30.05 2.09 0.00
ASTORIA_GT_10 24110	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.15 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.16 3.98 0.00	46.89 4.30 0.00	60.05 5.39 0.00	61.35 5.72 0.00	77.89 6.80 0.00	58.26 5.41 0.00	54.66 4.78 -4.52	69.14 3.87 -27.51	81.90 3.11 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.70 2.98 12.90	30.14 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
ASTORIA_GT_11 24225	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.15 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.16 3.98 0.00	46.89 4.30 0.00	60.05 5.39 0.00	61.35 5.72 0.00	77.89 6.80 0.00	58.26 5.41 0.00	54.66 4.78 -4.52	69.14 3.87 -27.51	81.90 3.11 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.70 2.98 12.90	30.14 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
ASTORIA_GT_12 24226	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.15 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.16 3.98 0.00	46.89 4.30 0.00	60.05 5.39 0.00	61.35 5.72 0.00	77.89 6.80 0.00	58.26 5.41 0.00	54.66 4.78 -4.52	69.14 3.87 -27.51	81.90 3.11 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.70 2.98 12.90	30.14 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
ASTORIA_GT_13 24227	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.15 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.16 3.98 0.00	46.89 4.30 0.00	60.05 5.39 0.00	61.35 5.72 0.00	77.89 6.80 0.00	58.26 5.41 0.00	54.66 4.78 -4.52	69.14 3.87 -27.51	81.90 3.11 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.70 2.98 12.90	30.14 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
ASTORIA_GT_5 24106	46.51 3.09 0.00	42.06 2.78 0.00	39.07 2.37 0.00	34.37 2.03 0.00	32.29 1.92 0.00	38.12 2.05 0.00	40.83 2.26 0.00	44.64 3.04 0.00	45.17 3.52 0.00	48.28 4.09 0.00	47.00 4.41 0.00	60.46 5.80 0.00	61.85 6.22 0.00	78.35 7.26 0.00	58.56 5.72 0.00	54.98 5.10 -4.52	69.35 4.08 -27.51	83.41 3.34 -46.43	56.76 2.68 -23.12	45.47 2.33 -14.26	48.01 3.39 0.01	39.06 2.78 0.01	31.34 2.25 0.00	30.05 2.08 0.00
ASTORIA_GT_7 24107	46.51 3.09 0.00	42.06 2.78 0.00	39.07 2.37 0.00	34.37 2.03 0.00	32.29 1.92 0.00	38.12 2.05 0.00	40.83 2.26 0.00	44.64 3.04 0.00	45.17 3.52 0.00	48.28 4.09 0.00	47.00 4.41 0.00	60.46 5.80 0.00	61.85 6.22 0.00	78.35 7.26 0.00	58.56 5.72 0.00	54.98 5.10 -4.52	69.35 4.08 -27.51	83.41 3.34 -46.43	56.76 2.68 -23.12	45.47 2.33 -14.26	48.01 3.39 0.01	39.06 2.78 0.01	31.34 2.25 0.00	30.05 2.08 0.00
ASTORIA_GT_8 24108	46.51 3.09 0.00	42.06 2.78 0.00	39.07 2.37 0.00	34.37 2.03 0.00	32.29 1.92 0.00	38.12 2.05 0.00	40.83 2.26 0.00	44.64 3.04 0.00	45.17 3.52 0.00	48.28 4.09 0.00	47.00 4.41 0.00	60.46 5.80 0.00	61.85 6.22 0.00	78.35 7.26 0.00	58.56 5.72 0.00	54.98 5.10 -4.52	69.35 4.08 -27.51	83.41 3.34 -46.43	56.76 2.68 -23.12	45.47 2.33 -14.26	48.01 3.39 0.01	39.06 2.78 0.01	31.34 2.25 0.00	30.05 2.08 0.00
ASTORIA___2 24149	46.38 2.96 0.00	41.95 2.67 0.00	38.98 2.28 0.00	34.29 1.96 0.00	32.22 1.85 0.00	38.03 1.96 0.00	40.73 2.17 0.00	44.51 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.87 4.27 0.00	60.28 5.61 0.00	61.65 6.02 0.00	78.09 7.00 0.00	58.37 5.52 0.00	54.81 4.93 -4.52	69.22 3.95 -27.51	83.29 3.22 -46.43	56.66 2.57 -23.12	45.38 2.24 -14.26	47.88 3.26 0.01	38.96 2.69 0.01	31.25 2.17 0.00	29.97 2.01 0.00
ASTORIA___3 23516	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.16 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.17 3.98 0.00	46.89 4.30 0.00	60.06 5.40 0.00	61.35 5.72 0.00	77.89 6.80 0.00	58.26 5.41 0.00	54.67 4.79 -4.52	69.12 3.86 -27.51	81.90 3.10 -45.16	45.16 2.40 -11.79	37.24 2.06 -6.29	34.69 2.97 12.90	30.15 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
ASTORIA___4 23517	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.15 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.16 3.98 0.00	46.89 4.30 0.00	60.05 5.39 0.00	61.35 5.72 0.00	77.88 6.79 0.00	58.25 5.41 0.00	54.66 4.77 -4.52	69.13 3.87 -27.51	81.90 3.11 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.70 2.98 12.90	30.14 2.42 8.57	31.14 2.05 0.00	29.96 2.00 0.00
ASTORIA___5 23518	46.41 2.99 0.00	41.93 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.16 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.17 3.98 0.00	46.89 4.30 0.00	60.06 5.40 0.00	61.35 5.72 0.00	77.89 6.80 0.00	58.26 5.41 0.00	54.67 4.79 -4.52	69.12 3.86 -27.51	81.90 3.10 -45.16	45.16 2.40 -11.79	37.24 2.06 -6.29	34.69 2.97 12.90	30.15 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
AST_ENERGY_2_CC3 323677	46.32 2.90 0.00	41.88 2.60 0.00	38.84 2.14 0.00	34.18 1.84 0.00	32.05 1.68 0.00	37.98 1.91 0.00	40.62 2.06 0.00	44.41 2.82 0.00	44.96 3.31 0.00	48.05 3.86 0.00	46.79 4.19 0.00	59.94 5.28 0.00	61.30 5.67 0.00	77.99 6.90 0.00	58.29 5.45 0.00	54.65 4.76 -4.52	69.13 3.86 -27.52	83.27 3.19 -46.44	56.63 2.54 -23.13	45.32 2.17 -14.26	47.81 3.18 0.00	38.86 2.57 0.00	31.20 2.11 0.00	29.96 2.00 0.00
AST_ENERGY_2_CC4 323678	46.32 2.90 0.00	41.88 2.60 0.00	38.84 2.14 0.00	34.18 1.84 0.00	32.05 1.68 0.00	37.98 1.91 0.00	40.62 2.06 0.00	44.41 2.82 0.00	44.96 3.31 0.00	48.05 3.86 0.00	46.79 4.19 0.00	59.94 5.28 0.00	61.30 5.67 0.00	77.99 6.90 0.00	58.29 5.45 0.00	54.65 4.76 -4.52	69.13 3.86 -27.52	83.27 3.19 -46.44	56.63 2.54 -23.13	45.32 2.17 -14.26	47.81 3.18 0.00	38.86 2.57 0.00	31.20 2.11 0.00	29.96 2.00 0.00

ATHENS_STG_1 23668	44.79 1.36 0.00	40.50 1.23 0.00	37.77 1.07 0.00	33.30 0.96 0.00	31.24 0.87 0.00	37.04 0.97 0.00	39.61 1.04 0.00	42.93 1.33 0.00	43.09 1.45 0.00	45.94 1.75 0.00	44.49 1.90 0.00	56.98 2.32 0.00	58.21 2.59 0.00	74.21 3.12 0.00	55.41 2.56 0.00	48.61 2.28 -0.97	45.50 1.85 -5.90	46.12 1.56 -10.92	37.69 1.29 -5.44	33.35 1.10 -3.35	46.30 1.67 0.00	37.64 1.36 0.00	30.17 1.08 0.00	28.95 0.99 0.00
ATHENS_STG_2 23670	44.79 1.36 0.00	40.50 1.23 0.00	37.77 1.07 0.00	33.30 0.96 0.00	31.24 0.87 0.00	37.04 0.97 0.00	39.61 1.04 0.00	42.93 1.33 0.00	43.09 1.45 0.00	45.94 1.75 0.00	44.49 1.90 0.00	56.98 2.32 0.00	58.21 2.59 0.00	74.21 3.12 0.00	55.41 2.56 0.00	48.61 2.28 -0.97	45.50 1.85 -5.90	46.12 1.56 -10.92	37.69 1.29 -5.44	33.35 1.10 -3.35	46.30 1.67 0.00	37.64 1.36 0.00	30.17 1.08 0.00	28.95 0.99 0.00
ATHENS_STG_3 23677	44.79 1.36 0.00	40.50 1.23 0.00	37.77 1.07 0.00	33.30 0.96 0.00	31.24 0.87 0.00	37.04 0.97 0.00	39.61 1.04 0.00	42.93 1.33 0.00	43.09 1.45 0.00	45.94 1.75 0.00	44.49 1.90 0.00	56.98 2.32 0.00	58.21 2.59 0.00	74.21 3.12 0.00	55.41 2.56 0.00	48.61 2.28 -0.97	45.50 1.85 -5.90	46.12 1.56 -10.92	37.69 1.29 -5.44	33.35 1.10 -3.35	46.30 1.67 0.00	37.64 1.36 0.00	30.17 1.08 0.00	28.95 0.99 0.00
AUBURN___LFGE 323710	44.52 1.00 -0.10	39.84 0.52 -0.04	37.11 0.36 -0.05	32.61 0.27 0.00	30.60 0.23 0.00	36.55 0.48 0.00	39.08 0.52 0.00	42.43 0.84 0.00	42.75 1.10 0.00	45.44 1.26 0.00	43.89 1.31 0.00	56.89 2.10 -0.12	59.35 1.99 -1.73	79.07 2.48 -5.49	58.11 1.17 -4.09	49.64 0.98 -3.30	38.39 0.62 -0.02	34.32 0.68 0.00	31.57 0.60 0.00	29.71 0.82 0.00	46.01 1.27 -0.12	37.28 1.00 0.00	29.85 0.76 0.00	28.59 0.62 0.00
BABYLON_RES_REC 323704	46.07 2.65 0.00	41.80 2.53 0.00	39.02 2.32 0.00	34.30 1.97 0.00	32.15 1.78 0.00	38.03 1.96 0.00	40.75 2.18 0.00	44.60 3.01 0.00	44.98 3.34 0.00	48.05 3.86 0.00	50.81 4.42 -3.80	83.90 5.47 -23.76	89.25 5.88 -27.73	135.46 7.31 -57.06	105.47 5.70 -46.92	114.18 4.97 -63.85	240.62 4.19 -198.68	134.83 3.49 -97.69	112.03 2.94 -78.12	59.02 2.39 -27.75	47.58 2.96 0.00	38.59 2.30 0.00	30.95 1.86 0.00	29.63 1.67 0.00
BABYLON__69_KV_BK2 356345	47.02 3.59 0.00	42.61 3.33 0.00	39.77 3.07 0.00	34.95 2.62 0.00	32.76 2.39 0.00	38.76 2.69 0.00	41.53 2.97 0.00	45.50 3.91 0.00	45.99 4.34 0.00	49.17 4.98 0.00	51.91 5.52 -3.80	105.52 7.04 -43.82	113.68 7.45 -50.60	152.48 9.29 -72.10	124.09 7.13 -64.11	133.13 6.18 -81.59	245.06 5.18 -202.13	153.85 4.42 -115.79	139.61 3.78 -104.86	80.91 3.19 -48.84	50.33 4.14 -1.56	39.56 3.27 0.00	31.68 2.59 0.00	30.26 2.30 0.00
BALL_HILL_WT_PWR 323825	45.40 1.98 0.00	39.53 0.25 0.00	36.51 -0.19 0.00	31.79 -0.54 0.00	29.95 -0.42 0.00	36.19 0.12 0.00	39.27 0.71 0.00	43.04 1.45 0.00	43.40 1.75 0.00	45.84 1.66 0.00	44.45 1.86 0.00	57.59 2.93 0.00	57.61 1.99 0.00	72.56 1.46 0.00	52.42 -0.42 0.00	44.64 -0.72 0.00	36.68 -1.08 0.00	33.12 -0.51 0.00	30.69 -0.28 0.00	29.58 0.70 0.00	45.95 1.32 0.00	37.57 1.28 0.00	30.26 1.17 0.00	28.91 0.95 0.00
BARON_WINDS___WT_PWR 323822	44.99 1.54 -0.03	39.62 0.33 -0.01	36.82 0.11 -0.01	32.20 -0.13 0.00	30.28 -0.10 0.00	36.34 0.27 0.00	39.19 0.62 0.00	42.82 1.23 0.00	43.08 1.43 0.00	45.64 1.46 0.00	44.33 1.74 0.00	57.22 2.53 -0.03	57.95 1.90 -0.42	74.23 1.90 -1.23	53.65 0.36 -0.44	45.76 0.17 -0.22	37.45 -0.30 0.00	33.68 0.05 0.00	31.03 0.07 0.00	29.56 0.67 0.00	45.84 1.18 -0.03	37.30 1.01 0.00	30.07 0.98 0.00	28.72 0.76 0.00
BARRETT_IC_1 23704	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_10 23701	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_11 23702	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_12 23703	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_2 23705	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_3 23706	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_4 23707	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00

BARRETT_IC_5 23708	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_6 23709	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_7 23710	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.22 0.00	44.59 2.99 0.00	44.94 3.29 0.00	47.75 3.56 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.45 -19.07	96.54 6.77 -18.67	87.41 5.30 -29.27	95.10 4.69 -45.05	237.31 3.91 -195.65	119.20 3.24 -82.32	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.54 2.26 0.00	30.82 1.73 0.00	29.55 1.58 0.00
BARRETT_IC_8 23711	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT_IC_9 23700	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT___1 23545	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BARRETT___2 23546	46.26 2.84 0.00	41.94 2.67 0.00	39.06 2.36 0.00	34.38 2.05 0.00	32.23 1.86 0.00	38.15 2.08 0.00	40.78 2.21 0.00	44.59 3.00 0.00	44.94 3.29 0.00	47.75 3.57 0.00	50.52 4.13 -3.80	75.90 5.08 -16.16	80.15 5.46 -19.07	96.55 6.77 -18.68	87.41 5.30 -29.27	95.10 4.69 -45.06	237.31 3.91 -195.65	119.20 3.23 -82.33	105.84 2.72 -72.15	52.25 2.24 -21.12	47.50 2.88 0.00	38.55 2.26 0.00	30.82 1.73 0.00	29.54 1.58 0.00
BATAVIA__115KV_TB1 55881	46.00 2.58 0.00	40.14 0.87 0.00	36.98 0.29 0.00	32.26 -0.08 0.00	30.39 0.01 0.00	36.57 0.50 0.00	39.70 1.14 0.00	43.49 1.89 0.00	43.85 2.20 0.00	46.50 2.31 0.00	45.00 2.41 0.00	58.27 3.61 0.00	58.17 2.54 0.00	73.31 2.22 0.00	53.00 0.15 0.00	45.03 -0.34 0.00	37.21 -0.54 0.00	33.57 -0.07 0.00	31.13 0.16 0.00	29.98 1.10 0.00	46.62 2.00 0.00	38.17 1.88 0.00	30.65 1.56 0.00	29.29 1.33 0.00
BAYONEEC___CTG1 323682	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG10 323750	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG2 323683	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG3 323684	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG4 323685	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG5 323686	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG6 323687	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00

BAYONEEC___CTG7 323688	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG8 323689	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BAYONEEC___CTG9 323749	46.39 2.97 0.00	41.97 2.69 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.69 2.12 0.00	44.47 2.88 0.00	45.00 3.35 0.00	48.08 3.90 0.00	46.19 4.21 0.61	59.96 5.30 0.00	61.31 5.68 0.00	78.04 6.95 0.00	56.11 5.47 2.20	50.57 4.77 -0.43	50.87 3.88 -9.24	83.30 3.22 -46.44	56.66 2.57 -23.13	45.37 2.22 -14.26	47.90 3.28 0.00	38.96 2.68 0.00	31.28 2.19 0.00	30.02 2.06 0.00
BEACON___LESR 323632	44.85 1.43 0.00	40.57 1.30 0.00	37.82 1.12 0.00	33.34 1.00 0.00	31.27 0.90 0.00	37.16 1.09 0.00	39.68 1.12 0.00	42.91 1.32 0.00	43.03 1.38 0.00	45.93 1.75 0.00	44.36 1.77 0.00	56.67 2.00 0.00	57.83 2.20 0.00	73.84 2.75 0.00	55.20 2.35 0.00	48.04 1.93 -0.75	43.89 1.58 -4.55	35.04 1.40 0.00	32.15 1.19 0.00	29.93 1.04 0.00	46.28 1.66 0.00	37.48 1.19 0.00	30.06 0.97 0.00	28.93 0.97 0.00
BEAVER RIVER___HYD 24048	44.71 1.23 -0.06	40.10 0.80 -0.03	37.27 0.54 -0.03	32.75 0.41 0.00	30.75 0.38 0.00	36.61 0.54 0.00	39.28 0.72 0.00	42.38 0.78 0.00	42.41 0.76 0.00	44.72 0.53 0.00	43.09 0.50 0.00	55.29 0.55 -0.07	58.44 0.56 -2.25	86.35 1.41 -13.85	100.12 1.21 -46.07	93.76 0.97 -47.43	38.59 0.83 -0.01	34.64 1.01 0.00	31.98 1.01 0.00	29.94 1.05 0.00	45.42 0.72 -0.07	37.46 1.18 0.00	30.00 0.91 0.00	28.68 0.72 0.00
BEEBEE_GT_13 23619	44.87 1.45 0.00	39.56 0.29 0.00	36.60 -0.10 0.00	32.04 -0.29 0.00	30.15 -0.22 0.00	36.13 0.06 0.00	39.02 0.46 0.00	42.55 0.95 0.00	42.89 1.24 0.00	45.56 1.38 0.00	44.10 1.50 0.00	56.96 2.29 0.00	57.23 1.60 0.00	72.40 1.31 0.00	52.83 -0.01 0.00	45.10 -0.27 0.00	37.32 -0.43 0.00	33.52 -0.12 0.00	30.99 0.02 0.00	29.53 0.65 0.00	45.79 1.17 0.00	37.40 1.11 0.00	30.01 0.92 0.00	28.71 0.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.80 3.72 -8.65	47.03 3.24 -4.51	39.42 2.71 -0.01	34.66 2.33 0.00	32.50 2.13 0.00	38.54 2.47 0.00	41.24 2.68 0.00	45.13 3.54 0.00	45.71 4.06 0.00	48.97 4.70 -0.09	160.39 5.07 -112.73	91.68 6.46 -30.56	217.10 6.81 -154.66	126.80 8.16 -47.54	82.59 6.39 -23.36	83.47 5.60 -32.51	91.68 4.51 -49.41	105.68 3.72 -68.33	77.99 2.93 -44.09	60.43 2.54 -29.00	72.22 3.72 -23.88	59.53 3.03 -20.22	31.62 2.52 0.00	30.36 2.40 0.00
BETHLEHEM___GRP 23843	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.85 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.39 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.84 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
BETHLEHEM___GS1 323560	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.84 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.38 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.83 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
BETHLEHEM___GS2 323561	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.84 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.38 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.83 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
BETHLEHEM___GS3 323562	44.12 0.70 0.00	39.93 0.65 0.00	37.23 0.53 0.00	32.86 0.53 0.00	30.84 0.47 0.00	36.52 0.45 0.00	38.97 0.41 0.00	42.17 0.58 0.00	42.25 0.60 0.00	44.99 0.81 0.00	43.41 0.82 0.00	55.50 0.84 0.00	56.74 1.11 0.00	72.41 1.32 0.00	54.09 1.25 0.00	47.21 1.11 -0.74	43.17 0.90 -4.52	34.38 0.75 0.00	31.53 0.56 0.00	29.31 0.43 0.00	45.32 0.70 0.00	36.83 0.55 0.00	29.56 0.47 0.00	28.44 0.47 0.00
BETHLEHEM___STEEL 23779	45.22 1.80 0.00	39.39 0.11 0.00	36.33 -0.36 0.00	31.68 -0.65 0.00	29.86 -0.51 0.00	35.97 -0.10 0.00	39.04 0.48 0.00	42.73 1.14 0.00	43.09 1.44 0.00	45.52 1.34 0.00	44.08 1.48 0.00	57.13 2.47 0.00	57.06 1.43 0.00	71.80 0.71 0.00	51.92 -0.92 0.00	44.18 -1.18 0.00	36.35 -1.40 0.00	32.80 -0.83 0.00	30.46 -0.51 0.00	29.40 0.52 0.00	45.74 1.12 0.00	37.43 1.15 0.00	30.14 1.05 0.00	28.83 0.86 0.00
BETHLHEM_115KV_TB1 79974	44.23 0.81 0.00	40.02 0.75 0.00	37.32 0.63 0.00	32.94 0.60 0.00	30.92 0.54 0.00	36.60 0.53 0.00	39.08 0.51 0.00	42.28 0.68 0.00	42.37 0.72 0.00	45.11 0.93 0.00	43.53 0.94 0.00	55.65 0.99 0.00	56.87 1.24 0.00	72.58 1.49 0.00	54.22 1.38 0.00	47.31 1.21 -0.74	43.23 0.98 -4.50	34.46 0.82 0.00	31.60 0.64 0.00	29.38 0.50 0.00	45.42 0.80 0.00	36.92 0.64 0.00	29.64 0.55 0.00	28.51 0.54 0.00
BETHPAGE_CC_5 323564	46.15 2.72 0.00	41.92 2.65 0.00	39.12 2.42 0.00	34.39 2.06 0.00	32.25 1.87 0.00	38.13 2.06 0.00	40.83 2.27 0.00	44.68 3.08 0.00	45.14 3.50 0.00	48.15 3.96 0.00	50.85 4.46 -3.80	76.56 5.74 -16.16	80.87 6.18 -19.07	141.52 7.69 -62.73	111.33 5.96 -52.53	118.00 5.23 -67.41	241.62 4.35 -199.51	131.54 3.64 -94.26	108.05 3.06 -74.02	54.65 2.53 -23.24	47.81 3.19 0.00	38.78 2.50 0.00	31.02 1.93 0.00	29.75 1.79 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.36 1.94 0.00	39.50 0.23 0.00	36.45 -0.25 0.00	31.78 -0.56 0.00	29.94 -0.43 0.00	36.07 0.00 0.00	39.15 0.59 0.00	42.87 1.28 0.00	43.22 1.58 0.00	45.69 1.50 0.00	44.24 1.65 0.00	57.33 2.67 0.00	57.27 1.64 0.00	72.09 0.99 0.00	52.14 -0.70 0.00	44.37 -1.00 0.00	36.50 -1.25 0.00	32.94 -0.70 0.00	30.57 -0.40 0.00	29.50 0.62 0.00	45.89 1.26 0.00	37.53 1.25 0.00	30.21 1.13 0.00	28.90 0.94 0.00

BINGHAMTON___COGEN 23790	44.61 1.14 -0.05	39.83 0.53 -0.02	37.14 0.42 -0.02	32.59 0.25 0.00	30.60 0.23 0.00	36.52 0.45 0.00	39.24 0.68 0.00	42.67 1.08 0.00	42.81 1.17 0.00	45.41 1.22 0.00	44.00 1.41 0.00	56.74 2.02 -0.06	58.33 1.95 -0.75	75.66 2.34 -2.23	55.04 1.39 -0.80	46.96 1.20 -0.40	38.40 0.64 -0.01	34.38 0.74 0.00	31.61 0.64 0.00	29.67 0.78 0.00	45.85 1.17 -0.06	37.19 0.91 0.00	29.84 0.75 0.00	28.55 0.59 0.00
BIXINCNT_115KV_LOAD 355685	45.58 2.16 0.00	39.84 0.56 0.00	36.83 0.13 0.00	32.09 -0.25 0.00	30.22 -0.16 0.00	36.40 0.33 0.00	39.52 0.96 0.00	43.37 1.78 0.00	43.75 2.11 0.00	46.20 2.01 0.00	44.74 2.15 0.00	57.84 3.18 0.00	57.79 2.17 0.00	72.95 1.86 0.00	52.74 -0.10 0.00	44.88 -0.48 0.00	36.93 -0.82 0.00	33.33 -0.30 0.00	30.84 -0.12 0.00	29.67 0.78 0.00	46.11 1.49 0.00	37.62 1.33 0.00	30.31 1.22 0.00	29.03 1.07 0.00
BLACK RIVER___HYD 24047	45.27 1.75 -0.10	40.50 1.18 -0.04	37.64 0.89 -0.05	33.05 0.71 0.00	31.04 0.67 0.00	37.01 0.94 0.00	39.74 1.17 0.00	42.87 1.27 0.00	42.99 1.34 0.00	45.24 1.05 0.00	43.73 1.13 0.00	56.04 1.25 -0.12	59.47 1.32 -2.53	86.00 2.38 -12.52	88.00 1.97 -33.18	80.54 1.56 -33.62	39.04 1.27 -0.02	35.15 1.52 0.00	32.45 1.48 0.00	30.46 1.57 0.00	46.08 1.34 -0.12	38.07 1.79 0.00	30.46 1.37 0.00	29.09 1.12 0.00
BLACKRVR_115KV_TB2 79977	45.27 1.75 -0.10	40.50 1.18 -0.04	37.64 0.89 -0.05	33.05 0.71 0.00	31.04 0.67 0.00	37.01 0.94 0.00	39.73 1.17 0.00	42.87 1.27 0.00	42.99 1.34 0.00	45.24 1.06 0.00	43.73 1.13 0.00	56.04 1.25 -0.12	59.48 1.32 -2.53	86.00 2.38 -12.52	88.00 1.97 -33.18	80.54 1.56 -33.62	39.04 1.27 -0.02	35.15 1.51 0.00	32.45 1.48 0.00	30.46 1.58 0.00	46.08 1.34 -0.12	38.08 1.80 0.00	30.46 1.37 0.00	29.09 1.12 0.00
BLISS_WT_PWR 323608	45.59 2.16 0.00	39.83 0.55 0.00	36.83 0.13 0.00	32.08 -0.26 0.00	30.21 -0.17 0.00	36.39 0.32 0.00	39.51 0.95 0.00	43.38 1.79 0.00	43.77 2.13 0.00	46.21 2.02 0.00	44.77 2.18 0.00	57.87 3.21 0.00	57.81 2.18 0.00	72.98 1.89 0.00	52.76 -0.09 0.00	44.88 -0.48 0.00	36.96 -0.79 0.00	33.37 -0.27 0.00	30.86 -0.11 0.00	29.67 0.78 0.00	46.11 1.48 0.00	37.59 1.31 0.00	30.31 1.22 0.00	29.03 1.06 0.00
BLUESTONE___WT_PWR 323821	46.84 3.38 -0.04	41.81 2.52 -0.02	38.97 2.25 -0.02	34.20 1.87 0.00	32.12 1.74 0.00	38.36 2.29 0.00	41.26 2.69 0.00	44.88 3.28 0.00	45.08 3.43 0.00	47.71 3.52 0.00	45.75 3.16 0.00	59.13 4.42 -0.05	60.93 4.65 -0.65	79.37 6.35 -1.92	58.13 4.59 -0.69	49.44 3.73 -0.34	39.49 1.73 -0.01	36.37 2.74 0.00	33.53 2.56 0.00	31.30 2.42 0.00	48.59 3.92 -0.05	39.23 2.95 0.00	31.41 2.32 0.00	30.02 2.05 0.00
BLUE_CIRC_CHEM_DRP 24182	44.70 1.28 0.00	40.48 1.21 0.00	37.79 1.09 0.00	33.35 1.01 0.00	31.32 0.95 0.00	37.12 1.05 0.00	39.61 1.04 0.00	42.73 1.13 0.00	42.57 0.92 0.00	45.37 1.18 0.00	43.54 0.95 0.00	54.90 0.24 0.00	55.82 0.19 0.00	71.39 0.29 0.00	53.44 0.59 0.00	7.24 0.46 38.58	30.10 0.42 8.07	33.97 0.33 0.00	31.18 0.21 0.00	29.03 0.15 0.00	44.92 0.30 0.00	36.52 0.23 0.00	29.55 0.46 0.00	28.77 0.81 0.00
BOC_GAS_DRP 24189	44.42 1.00 0.00	40.19 0.91 0.00	37.51 0.81 0.00	33.09 0.75 0.00	31.06 0.68 0.00	36.80 0.73 0.00	39.32 0.75 0.00	42.51 0.92 0.00	42.59 0.94 0.00	45.33 1.15 0.00	43.75 1.16 0.00	55.93 1.27 0.00	57.11 1.48 0.00	72.86 1.77 0.00	54.38 1.54 0.00	50.15 1.35 -3.43	44.05 1.10 -5.20	34.56 0.93 0.00	31.71 0.75 0.00	29.49 0.61 0.00	45.59 0.96 0.00	37.06 0.78 0.00	29.75 0.66 0.00	28.62 0.65 0.00
BOONVILLE_115KV_TB1 79983	45.05 1.60 -0.03	40.48 1.19 -0.01	37.71 1.00 -0.01	33.17 0.83 0.00	31.14 0.77 0.00	37.07 1.00 0.00	39.75 1.19 0.00	42.98 1.39 0.00	43.09 1.45 0.00	45.63 1.45 0.00	43.98 1.39 0.00	56.48 1.78 -0.04	58.45 1.88 -0.95	79.37 2.75 -5.52	72.47 2.12 -17.51	65.15 1.82 -17.97	39.29 1.54 -0.01	35.14 1.50 0.00	32.35 1.38 0.00	30.20 1.31 0.00	46.26 1.60 -0.04	37.82 1.54 0.00	30.26 1.17 0.00	28.95 0.98 0.00
BORALEX_4TH_BRANCH 23824	45.90 2.47 0.00	41.51 2.23 0.00	38.68 1.99 0.00	34.24 1.90 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.43 1.87 0.00	43.65 2.05 0.00	43.70 2.05 0.00	46.48 2.29 0.00	44.83 2.24 0.00	57.32 2.66 0.00	58.86 3.23 0.00	75.35 4.25 0.00	56.18 3.34 0.00	49.23 3.00 -0.87	45.48 2.46 -5.28	35.76 2.12 0.00	32.82 1.85 0.00	30.48 1.60 0.00	47.40 2.78 0.00	38.55 2.26 0.00	30.86 1.78 0.00	29.58 1.62 0.00
BOWLINE___1 23526	45.72 2.30 0.00	41.27 2.00 0.00	38.24 1.54 0.00	33.66 1.32 0.00	31.59 1.22 0.00	37.37 1.30 0.00	39.96 1.40 0.00	43.66 2.06 0.00	44.15 2.50 0.00	47.21 3.03 0.00	45.91 3.32 0.00	58.89 4.23 0.00	60.22 4.60 0.00	76.75 5.65 0.00	57.26 4.42 0.00	42.05 3.82 7.13	-2.60 3.05 43.40	-34.05 2.57 70.26	-1.86 2.16 34.99	9.08 1.78 21.58	47.19 2.56 0.00	38.33 2.04 0.00	30.72 1.63 0.00	29.45 1.49 0.00
BOWLINE___2 23595	45.67 2.25 0.00	41.23 1.95 0.00	38.22 1.52 0.00	33.67 1.33 0.00	31.60 1.23 0.00	37.39 1.32 0.00	39.97 1.41 0.00	43.67 2.07 0.00	44.16 2.51 0.00	47.21 3.03 0.00	45.91 3.32 0.00	58.89 4.23 0.00	60.23 4.60 0.00	76.75 5.65 0.00	57.26 4.42 0.00	42.04 3.82 7.14	-2.63 3.06 43.44	-34.07 2.58 70.28	-1.87 2.16 34.99	9.08 1.79 21.59	47.19 2.56 0.00	38.34 2.05 0.00	30.72 1.63 0.00	29.46 1.49 0.00
BRADY___115KV_TB2 356060	43.23 -0.19 0.00	39.21 -0.07 0.00	36.65 -0.04 0.00	32.35 0.01 0.00	30.40 0.03 0.00	36.08 0.01 0.00	38.58 0.02 0.00	41.27 -0.32 0.00	40.78 -0.87 0.00	42.72 -1.46 0.00	40.72 -1.88 0.00	52.19 -2.48 0.00	52.11 -2.80 0.72	61.78 -3.13 6.18	25.21 -2.28 25.36	17.01 -1.94 26.42	36.44 -1.30 0.00	32.56 -1.07 0.00	30.17 -0.80 0.00	28.28 -0.60 0.00	43.81 -0.81 0.00	35.61 -0.67 0.00	28.62 -0.47 0.00	27.57 -0.39 0.00
BRANSCOMB___SOLAR 323811	46.38 2.96 0.00	41.70 2.43 0.00	38.83 2.13 0.00	34.30 1.97 0.00	32.18 1.81 0.00	38.22 2.15 0.00	40.81 2.25 0.00	44.15 2.56 0.00	44.19 2.54 0.00	47.00 2.82 0.00	45.30 2.71 0.00	58.15 3.49 0.00	59.44 3.81 0.00	75.92 4.83 0.00	56.60 3.76 0.00	49.44 3.35 -0.73	45.10 2.89 -4.45	36.31 2.68 0.00	33.39 2.42 0.00	31.09 2.20 0.00	48.18 3.56 0.00	39.18 2.90 0.00	31.31 2.22 0.00	29.96 2.00 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.59 3.17 0.00	42.25 2.98 0.00	39.51 2.81 0.00	34.71 2.37 0.00	32.55 2.18 0.00	38.48 2.41 0.00	41.23 2.67 0.00	45.13 3.53 0.00	45.58 3.93 0.00	48.65 4.46 0.00	51.28 4.89 -3.80	101.03 6.12 -40.25	108.62 6.46 -46.53	133.09 8.04 -53.95	99.65 6.15 -40.65	115.25 5.33 -64.55	240.20 4.43 -198.02	149.68 3.77 -112.27	125.07 3.23 -90.88	73.44 2.67 -41.89	47.93 3.31 0.00	38.93 2.65 0.00	31.30 2.22 0.00	29.92 1.95 0.00

BRISTLHL_115KV_TB1 79998	43.50 -0.14 -0.22	38.93 -0.44 -0.09	36.27 -0.54 -0.11	31.81 -0.53 0.00	29.88 -0.49 0.00	35.58 -0.49 0.00	38.18 -0.39 0.00	41.38 -0.22 0.00	41.48 -0.16 0.00	43.97 -0.21 0.00	42.53 -0.06 0.00	54.99 0.06 -0.27	59.43 0.08 -3.72	82.65 -0.08 -11.64	60.42 -0.23 -7.81	51.20 -0.21 -6.05	37.54 -0.26 -0.04	33.45 -0.18 0.00	30.80 -0.17 0.00	28.84 -0.05 0.00	44.74 -0.15 -0.27	36.18 -0.10 0.00	28.99 -0.11 0.00	27.79 -0.17 0.00
BROOKHAVEN___DRP 24191	46.05 2.62 0.00	41.74 2.46 0.00	39.05 2.35 0.00	34.40 2.07 0.00	32.26 1.89 0.00	38.18 2.11 0.00	40.91 2.34 0.00	44.75 3.16 0.00	45.19 3.55 0.00	48.32 4.14 0.00	51.21 4.82 -3.80	209.69 6.20 -148.83	232.50 6.53 -170.34	235.71 8.00 -156.62	201.75 6.04 -142.87	221.55 5.37 -170.83	260.42 4.45 -218.22	254.91 3.85 -217.42	269.78 3.28 -235.53	188.85 2.71 -157.26	56.16 3.33 -8.20	38.91 2.63 0.00	31.04 1.95 0.00	29.56 1.60 0.00
BROOKLYN_NAVY_YARD 23515	46.41 2.99 0.00	41.95 2.67 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.12 1.74 0.00	38.05 1.98 0.00	40.69 2.13 0.00	44.49 2.89 0.00	45.06 3.41 0.00	48.17 3.99 0.00	46.89 4.30 0.00	60.10 5.44 0.00	61.44 5.81 0.00	78.20 7.11 0.00	58.47 5.62 0.00	54.79 4.91 -4.52	69.24 3.97 -27.52	83.36 3.29 -46.44	56.69 2.60 -23.13	45.38 2.23 -14.26	47.89 3.27 0.00	38.92 2.64 0.00	31.25 2.16 0.00	29.99 2.03 0.00
BROOKLYN___ARMY_DRP 323595	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
BROOKVLE_69_KV_TB1 55790	46.92 3.50 0.00	42.49 3.21 0.00	39.54 2.84 0.00	34.77 2.44 0.00	32.59 2.22 0.00	38.58 2.50 0.00	41.31 2.75 0.00	45.26 3.66 0.00	45.80 4.15 0.00	48.72 4.54 0.00	51.47 5.09 -3.80	77.41 6.59 -16.16	81.78 7.08 -19.07	258.48 8.91 -178.48	171.27 6.80 -111.63	170.15 5.96 -118.83	251.67 4.91 -209.01	154.30 4.14 -116.53	106.60 3.48 -72.15	52.94 2.93 -21.12	48.47 3.85 0.00	39.27 2.99 0.00	31.41 2.32 0.00	30.17 2.21 0.00
BROOME_2_LFGE 323671	44.61 1.14 -0.05	39.82 0.53 -0.02	37.14 0.42 -0.02	32.59 0.25 0.00	30.60 0.23 0.00	36.52 0.45 0.00	39.24 0.68 0.00	42.67 1.08 0.00	42.82 1.17 0.00	45.41 1.22 0.00	44.00 1.41 0.00	56.74 2.02 -0.06	58.34 1.96 -0.75	75.67 2.34 -2.23	55.04 1.39 -0.80	46.96 1.20 -0.40	38.39 0.63 -0.01	34.38 0.74 0.00	31.60 0.63 0.00	29.67 0.78 0.00	45.85 1.17 -0.06	37.19 0.91 0.00	29.84 0.75 0.00	28.55 0.59 0.00
BROOME___LFGE 323600	44.61 1.14 -0.05	39.82 0.53 -0.02	37.14 0.42 -0.02	32.59 0.25 0.00	30.60 0.23 0.00	36.52 0.45 0.00	39.24 0.68 0.00	42.67 1.08 0.00	42.82 1.17 0.00	45.41 1.22 0.00	44.00 1.41 0.00	56.74 2.02 -0.06	58.34 1.96 -0.75	75.67 2.34 -2.23	55.04 1.39 -0.80	46.96 1.20 -0.40	38.39 0.63 -0.01	34.38 0.74 0.00	31.60 0.63 0.00	29.67 0.78 0.00	45.85 1.17 -0.06	37.19 0.91 0.00	29.84 0.75 0.00	28.55 0.59 0.00
BROWNFLS_115KV_TB_3_5 80003	43.99 0.53 -0.04	39.51 0.22 -0.02	36.67 -0.05 -0.02	32.20 -0.14 0.00	30.24 -0.13 0.00	35.92 -0.15 0.00	38.53 -0.03 0.00	41.47 -0.13 0.00	41.39 -0.26 0.00	43.58 -0.60 0.00	42.00 -0.59 0.00	53.95 -0.77 -0.05	57.78 -0.81 -2.96	92.48 -0.32 -21.70	134.33 -0.19 -81.68	129.89 -0.18 -84.71	37.68 -0.08 -0.01	33.75 0.12 0.00	31.18 0.22 0.00	29.21 0.33 0.00	44.49 -0.19 0.00	36.54 0.26 0.00	29.35 0.26 0.00	28.12 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	47.14 3.71 0.00	42.58 3.31 0.00	39.46 2.77 0.00	34.72 2.38 0.00	32.55 2.18 0.00	38.58 2.51 0.00	41.29 2.72 0.00	45.19 3.59 0.00	45.74 4.09 0.00	48.91 4.73 0.00	47.65 5.06 0.00	61.09 6.43 0.00	62.47 6.84 0.00	79.50 8.41 0.00	59.38 6.54 0.00	55.58 5.69 -4.52	69.88 4.61 -27.52	83.94 3.86 -46.44	57.23 3.14 -23.13	45.87 2.72 -14.26	48.65 4.03 0.00	39.55 3.27 0.00	31.76 2.67 0.00	30.46 2.50 0.00
BURROWS___LYONSDAL 23803	45.00 1.55 -0.03	40.43 1.14 -0.02	37.64 0.93 -0.02	33.10 0.77 0.00	31.08 0.71 0.00	37.00 0.93 0.00	39.68 1.12 0.00	42.88 1.28 0.00	42.98 1.33 0.00	45.47 1.29 0.00	43.81 1.22 0.00	56.24 1.54 -0.04	58.45 1.62 -1.20	80.77 2.52 -7.16	77.92 1.96 -23.11	70.79 1.68 -23.75	39.17 1.41 -0.01	35.06 1.42 0.00	32.30 1.33 0.00	30.16 1.28 0.00	46.06 1.39 -0.04	37.78 1.50 0.00	30.23 1.14 0.00	28.91 0.95 0.00
CAITHNESS_CC_1 323624	46.01 2.59 0.00	41.71 2.44 0.00	39.03 2.33 0.00	34.37 2.03 0.00	32.23 1.86 0.00	38.13 2.06 0.00	40.85 2.29 0.00	44.67 3.08 0.00	45.10 3.45 0.00	48.23 4.05 0.00	51.09 4.70 -3.80	207.04 6.03 -146.35	229.51 6.38 -167.50	232.66 7.85 -153.71	197.58 5.92 -138.82	218.68 5.24 -168.07	259.56 4.32 -217.49	253.70 3.73 -216.33	265.91 3.18 -231.77	186.57 2.62 -155.06	55.67 3.21 -7.84	38.81 2.53 0.00	30.97 1.88 0.00	29.53 1.57 0.00
CALPINE BETH_PAGE_GT4 24209	46.14 2.72 0.00	41.98 2.70 0.00	39.13 2.43 0.00	34.41 2.08 0.00	32.26 1.89 0.00	38.16 2.09 0.00	40.86 2.30 0.00	44.71 3.12 0.00	45.18 3.53 0.00	48.11 3.92 0.00	50.78 4.39 -3.80	76.51 5.69 -16.16	80.82 6.13 -19.07	155.09 7.61 -76.38	118.20 5.92 -59.44	123.79 5.19 -73.24	242.69 4.33 -200.61	133.85 3.62 -96.60	107.58 3.03 -73.58	54.13 2.50 -22.74	47.79 3.17 0.00	38.76 2.48 0.00	31.01 1.92 0.00	29.80 1.83 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.14 2.72 0.00	41.98 2.70 0.00	39.13 2.44 0.00	34.41 2.08 0.00	32.26 1.89 0.00	38.16 2.09 0.00	40.86 2.30 0.00	44.72 3.12 0.00	45.17 3.53 0.00	48.11 3.93 0.00	50.78 4.39 -3.80	76.51 5.68 -16.16	80.82 6.13 -19.07	155.10 7.62 -76.38	118.20 5.92 -59.44	123.79 5.19 -73.24	242.68 4.32 -200.62	133.85 3.62 -96.60	107.59 3.03 -73.59	54.13 2.50 -22.75	47.79 3.17 0.00	38.77 2.49 0.00	31.01 1.92 0.00	29.79 1.83 0.00
CALPINE_BP_GT1 23823	46.14 2.72 0.00	41.98 2.70 0.00	39.13 2.44 0.00	34.41 2.08 0.00	32.26 1.89 0.00	38.16 2.09 0.00	40.86 2.30 0.00	44.72 3.12 0.00	45.17 3.53 0.00	48.11 3.93 0.00	50.78 4.39 -3.80	76.51 5.68 -16.16	80.82 6.13 -19.07	155.10 7.62 -76.38	118.20 5.92 -59.44	123.79 5.19 -73.24	242.68 4.32 -200.62	133.85 3.62 -96.60	107.59 3.03 -73.59	54.13 2.50 -22.75	47.79 3.17 0.00	38.77 2.49 0.00	31.01 1.92 0.00	29.79 1.83 0.00
CALSPAN___DRP 24200	45.22 1.80 0.00	39.39 0.11 0.00	36.33 -0.36 0.00	31.68 -0.65 0.00	29.86 -0.51 0.00	35.97 -0.10 0.00	39.04 0.48 0.00	42.73 1.14 0.00	43.09 1.44 0.00	45.52 1.34 0.00	44.08 1.48 0.00	57.13 2.47 0.00	57.06 1.43 0.00	71.80 0.71 0.00	51.92 -0.92 0.00	44.18 -1.18 0.00	36.35 -1.40 0.00	32.80 -0.83 0.00	30.46 -0.51 0.00	29.40 0.52 0.00	45.74 1.12 0.00	37.43 1.15 0.00	30.14 1.05 0.00	28.83 0.86 0.00

CALVERTON___SOLAR 323806	46.14 2.71 0.00	41.81 2.53 0.00	39.13 2.43 0.00	34.47 2.13 0.00	32.34 1.97 0.00	38.29 2.22 0.00	41.04 2.47 0.00	44.91 3.31 0.00	45.36 3.72 0.00	48.51 4.33 0.00	51.41 5.02 -3.80	210.92 6.48 -149.78	233.87 6.82 -171.41	237.16 8.34 -157.72	203.50 6.24 -144.42	222.84 5.58 -171.91	260.88 4.64 -218.50	255.52 4.01 -217.88	271.39 3.43 -237.00	189.86 2.85 -158.12	56.49 3.53 -8.34	39.07 2.79 0.00	31.15 2.06 0.00	29.62 1.66 0.00
CANDIGU_WT_PWR 323617	44.99 1.54 -0.03	39.62 0.33 -0.01	36.82 0.11 -0.01	32.20 -0.13 0.00	30.28 -0.10 0.00	36.34 0.27 0.00	39.19 0.62 0.00	42.82 1.23 0.00	43.08 1.43 0.00	45.64 1.46 0.00	44.33 1.74 0.00	57.22 2.53 -0.03	57.95 1.90 -0.42	74.23 1.90 -1.23	53.65 0.36 -0.44	45.76 0.17 -0.22	37.45 -0.30 0.00	33.68 0.05 0.00	31.03 0.07 0.00	29.56 0.67 0.00	45.84 1.18 -0.03	37.30 1.01 0.00	30.07 0.98 0.00	28.72 0.76 0.00
CARR STREET_E_SYR 24060	43.61 0.12 -0.07	39.08 -0.23 -0.03	36.39 -0.34 -0.03	31.97 -0.37 0.00	30.03 -0.34 0.00	35.77 -0.30 0.00	38.38 -0.18 0.00	41.63 0.04 0.00	41.78 0.14 0.00	44.40 0.21 0.00	42.99 0.40 0.00	55.42 0.67 -0.08	57.42 0.63 -1.16	75.69 0.64 -3.96	57.45 0.26 -4.35	49.47 0.20 -3.91	37.80 0.04 -0.01	33.74 0.11 0.00	31.00 0.03 0.00	29.02 0.14 0.00	44.88 0.18 -0.08	36.43 0.15 0.00	29.19 0.10 0.00	27.96 0.00 0.00
CARTHAGE___PAPER 23857	45.16 1.65 -0.08	40.48 1.17 -0.04	37.63 0.89 -0.04	33.08 0.74 0.00	31.06 0.69 0.00	37.00 0.93 0.00	39.71 1.15 0.00	42.81 1.22 0.00	42.86 1.21 0.00	45.09 0.90 0.00	43.45 0.86 0.00	55.71 0.94 -0.10	59.03 0.98 -2.42	86.13 2.00 -13.03	92.73 1.72 -38.17	85.68 1.36 -38.96	38.91 1.15 -0.02	35.01 1.37 0.00	32.32 1.35 0.00	30.30 1.42 0.00	45.99 1.26 -0.10	37.91 1.63 0.00	30.33 1.25 0.00	28.99 1.03 0.00
CASSADAGA_WT_PWR 323784	46.83 3.41 0.00	40.60 1.33 0.00	37.43 0.74 0.00	32.48 0.14 0.00	30.69 0.31 0.00	37.31 1.24 0.00	40.54 1.98 0.00	44.63 3.03 0.00	44.94 3.29 0.00	47.51 3.33 0.00	46.20 3.61 0.00	59.86 5.20 0.00	59.89 4.26 0.00	74.90 3.80 0.00	53.92 1.08 0.00	45.91 0.55 0.00	37.63 -0.12 0.00	34.05 0.41 0.00	31.53 0.56 0.00	30.37 1.48 0.00	47.16 2.53 0.00	38.71 2.43 0.00	31.18 2.09 0.00	29.73 1.77 0.00
CE_DUNWOOD___DRP 24194	46.13 2.71 0.00	41.66 2.38 0.00	38.65 1.96 0.00	34.04 1.71 0.00	31.92 1.55 0.00	37.81 1.74 0.00	40.45 1.89 0.00	44.18 2.59 0.00	44.66 3.01 0.00	47.72 3.54 0.00	46.43 3.84 0.00	59.53 4.87 0.00	60.87 5.25 0.00	77.56 6.47 0.00	57.93 5.08 0.00	54.63 4.44 -4.83	70.70 3.59 -29.36	87.68 3.01 -51.03	58.85 2.47 -25.41	46.65 2.10 -15.67	47.65 3.03 0.00	38.71 2.43 0.00	31.03 1.94 0.00	29.77 1.80 0.00
CE_MILLWOOD___DRP 24193	46.03 2.61 0.00	41.55 2.28 0.00	38.55 1.86 0.00	33.95 1.61 0.00	31.84 1.47 0.00	37.71 1.64 0.00	40.34 1.77 0.00	44.05 2.46 0.00	44.53 2.89 0.00	47.58 3.40 0.00	46.28 3.69 0.00	59.34 4.68 0.00	60.70 5.07 0.00	77.32 6.22 0.00	57.75 4.90 0.00	54.68 4.27 -5.05	71.92 3.46 -30.71	298.85 2.90 -262.31	163.97 2.39 -130.62	111.47 2.02 -80.56	47.55 2.93 0.00	38.62 2.34 0.00	30.96 1.87 0.00	29.70 1.73 0.00
CE_NYC2_DRP 24202	46.46 3.03 0.00	41.97 2.70 0.00	38.94 2.24 0.00	34.27 1.93 0.00	32.16 1.78 0.00	38.08 2.01 0.00	40.75 2.19 0.00	44.58 2.99 0.00	45.14 3.49 0.00	48.22 4.04 0.00	46.94 4.35 0.00	60.15 5.49 0.00	61.43 5.80 0.00	77.99 6.90 0.00	58.33 5.48 0.00	54.73 4.85 -4.52	69.19 3.93 -27.51	81.95 3.16 -45.16	45.22 2.46 -11.79	37.28 2.10 -6.29	34.75 3.03 12.90	30.19 2.47 8.57	31.18 2.08 0.00	29.99 2.02 0.00
CE_NYC_DRP 24195	46.49 3.07 0.00	42.00 2.73 0.00	38.96 2.27 0.00	34.30 1.96 0.00	32.16 1.79 0.00	38.10 2.02 0.00	40.75 2.19 0.00	44.59 2.99 0.00	45.12 3.48 0.00	48.24 4.06 0.00	46.96 4.37 0.00	60.17 5.51 0.00	61.53 5.90 0.00	78.29 7.20 0.00	58.53 5.69 0.00	54.84 4.96 -4.52	69.28 4.01 -27.52	83.41 3.33 -46.44	56.76 2.66 -23.13	45.43 2.28 -14.26	47.97 3.35 0.00	38.99 2.71 0.00	31.31 2.22 0.00	30.07 2.10 0.00
CHAFFEE___LFGE 323603	45.44 2.01 0.00	39.58 0.30 0.00	36.52 -0.18 0.00	31.87 -0.47 0.00	30.03 -0.35 0.00	36.17 0.09 0.00	39.28 0.72 0.00	43.02 1.42 0.00	43.34 1.69 0.00	45.77 1.59 0.00	44.33 1.74 0.00	57.47 2.81 0.00	57.40 1.77 0.00	72.26 1.17 0.00	52.28 -0.56 0.00	44.47 -0.89 0.00	36.62 -1.13 0.00	33.05 -0.59 0.00	30.67 -0.30 0.00	29.57 0.69 0.00	46.00 1.38 0.00	37.58 1.30 0.00	30.27 1.18 0.00	28.96 0.99 0.00
CHATEAUG_35_KV_LOAD 355732	42.70 -0.73 0.00	38.77 -0.51 0.00	36.39 -0.31 0.00	32.27 -0.07 0.00	30.29 -0.09 0.00	35.92 -0.15 0.00	38.46 -0.11 0.00	41.26 -0.33 0.00	41.27 -0.37 0.00	43.39 -0.80 0.00	41.07 -1.52 0.00	52.38 -2.28 0.00	52.64 -2.57 0.42	64.67 -2.82 3.61	35.92 -2.12 14.81	27.96 -1.98 15.43	36.36 -1.39 0.00	32.48 -1.16 0.00	30.04 -0.93 0.00	28.20 -0.69 0.00	43.68 -0.94 0.00	35.61 -0.68 0.00	28.76 -0.33 0.00	27.75 -0.22 0.00
CHATEAUG_WT_PWR 323614	42.74 -0.68 0.00	38.83 -0.45 0.00	36.46 -0.24 0.00	32.32 -0.01 0.00	30.35 -0.03 0.00	36.00 -0.07 0.00	38.51 -0.06 0.00	41.39 -0.20 0.00	41.45 -0.20 0.00	43.63 -0.56 0.00	41.23 -1.36 0.00	52.51 -2.16 0.00	52.82 -2.46 0.34	65.41 -2.75 2.93	38.77 -2.07 12.01	30.94 -1.92 12.51	36.34 -1.41 0.00	32.41 -1.23 0.00	29.93 -1.04 0.00	28.10 -0.79 0.00	43.50 -1.13 0.00	35.52 -0.77 0.00	28.77 -0.32 0.00	27.80 -0.16 0.00
CHAT_HIGH_FALL_HYD 323578	42.70 -0.73 0.00	38.77 -0.51 0.00	36.39 -0.31 0.00	32.27 -0.07 0.00	30.29 -0.09 0.00	35.92 -0.15 0.00	38.46 -0.11 0.00	41.26 -0.33 0.00	41.27 -0.37 0.00	43.39 -0.80 0.00	41.07 -1.52 0.00	52.38 -2.28 0.00	52.64 -2.57 0.42	64.67 -2.82 3.61	35.92 -2.12 14.81	27.96 -1.98 15.43	36.36 -1.39 0.00	32.48 -1.16 0.00	30.04 -0.93 0.00	28.20 -0.69 0.00	43.68 -0.94 0.00	35.61 -0.68 0.00	28.76 -0.33 0.00	27.75 -0.22 0.00
CHAUTAUQUA___LFGE 323629	46.04 2.62 0.00	39.99 0.72 0.00	36.95 0.25 0.00	32.11 -0.22 0.00	30.27 -0.11 0.00	36.68 0.61 0.00	39.83 1.27 0.00	43.76 2.16 0.00	44.09 2.45 0.00	46.59 2.41 0.00	45.26 2.67 0.00	58.68 4.02 0.00	58.72 3.09 0.00	73.88 2.79 0.00	53.28 0.43 0.00	45.38 0.02 0.00	37.18 -0.56 0.00	33.61 -0.02 0.00	31.12 0.15 0.00	29.98 1.10 0.00	46.60 1.97 0.00	38.10 1.81 0.00	30.69 1.59 0.00	29.27 1.31 0.00
CHERRYST_13_KV_LD 356241	46.67 3.24 0.00	42.15 2.87 0.00	39.10 2.41 0.00	34.42 2.09 0.00	32.28 1.91 0.00	38.25 2.18 0.00	40.93 2.37 0.00	44.81 3.22 0.00	45.37 3.72 0.00	48.51 4.33 0.00	47.24 4.65 0.00	60.54 5.88 0.00	61.90 6.27 0.00	78.76 7.66 0.00	58.86 6.02 0.00	55.12 5.24 -4.52	69.51 4.24 -27.52	83.61 3.53 -46.44	56.92 2.83 -23.13	45.57 2.42 -14.26	48.17 3.55 0.00	39.14 2.86 0.00	31.43 2.34 0.00	30.18 2.22 0.00

CHESTROR_138KV_BK263 355645	45.60 2.18 0.00	41.15 1.87 0.00	38.19 1.50 0.00	33.63 1.30 0.00	31.55 1.18 0.00	37.38 1.31 0.00	39.98 1.42 0.00	43.59 2.00 0.00	44.01 2.36 0.00	47.02 2.84 0.00	45.69 3.09 0.00	58.56 3.89 0.00	59.78 4.15 0.00	76.24 5.15 0.00	56.93 4.08 0.00	44.56 3.59 4.39	13.88 2.85 26.71	-12.94 2.44 49.01	8.61 2.04 24.40	15.54 1.70 15.05	47.11 2.49 0.00	38.26 1.98 0.00	30.66 1.57 0.00	29.40 1.43 0.00
CH_MIDHUDSON___DRP 24192	46.07 2.65 0.00	41.55 2.28 0.00	38.57 1.87 0.00	33.98 1.64 0.00	31.86 1.48 0.00	37.75 1.68 0.00	40.39 1.83 0.00	44.06 2.46 0.00	44.46 2.81 0.00	47.51 3.33 0.00	46.17 3.58 0.00	59.22 4.56 0.00	60.58 4.95 0.00	77.23 6.14 0.00	57.74 4.89 0.00	50.48 4.34 -0.78	45.98 3.52 -4.72	36.61 2.98 0.00	33.46 2.49 0.00	31.01 2.12 0.00	47.72 3.09 0.00	38.74 2.46 0.00	31.02 1.93 0.00	29.72 1.75 0.00
CH_MISC_IPPS 23765	46.41 2.98 0.00	41.83 2.56 0.00	38.81 2.12 0.00	34.17 1.84 0.00	32.04 1.67 0.00	37.97 1.90 0.00	40.64 2.07 0.00	44.37 2.77 0.00	44.82 3.17 0.00	47.94 3.75 0.00	46.61 4.01 0.00	59.79 5.13 0.00	61.11 5.48 0.00	77.88 6.78 0.00	58.24 5.40 0.00	50.16 4.79 0.00	41.59 3.84 0.00	36.91 3.28 0.00	33.73 2.77 0.00	31.26 2.37 0.00	48.08 3.46 0.00	39.04 2.75 0.00	31.23 2.14 0.00	29.92 1.96 0.00
CH_RES_BVR_FALLS 23983	43.02 -0.40 0.00	38.97 -0.31 0.00	36.46 -0.24 0.00	32.15 -0.19 0.00	30.23 -0.15 0.00	35.87 -0.20 0.00	38.34 -0.23 0.00	41.24 -0.36 0.00	41.22 -0.43 0.00	43.57 -0.62 0.00	41.74 -0.85 0.00	53.41 -1.25 0.00	54.09 -1.43 0.11	68.47 -1.66 0.96	47.69 -1.23 3.93	40.19 -1.08 4.09	36.93 -0.82 0.00	32.90 -0.74 0.00	30.35 -0.62 0.00	28.27 -0.62 0.00	43.68 -0.94 0.00	35.64 -0.65 0.00	28.67 -0.42 0.00	27.69 -0.28 0.00
CH_RES_NIAGARA 23895	43.97 0.55 0.00	38.27 -1.01 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.27 -0.32 0.00	54.61 -0.05 0.00	54.38 -1.25 0.00	68.14 -2.95 0.00	49.18 -3.67 0.00	41.80 -3.57 0.00	34.51 -3.25 0.00	31.17 -2.46 0.00	29.02 -1.95 0.00	28.16 -0.72 0.00	43.80 -0.82 0.00	36.05 -0.23 0.00	29.18 0.09 0.00	27.97 0.01 0.00
CH_RES_SYRACUSE 23985	43.77 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.27 0.00	30.12 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.64 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.11 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.22 0.00	29.25 0.16 0.00	28.03 0.07 0.00
CLINTON_WT_PWR 323605	42.74 -0.68 0.00	38.83 -0.45 0.00	36.46 -0.24 0.00	32.32 -0.01 0.00	30.35 -0.03 0.00	36.00 -0.07 0.00	38.51 -0.06 0.00	41.39 -0.20 0.00	41.45 -0.20 0.00	43.63 -0.56 0.00	41.23 -1.36 0.00	52.51 -2.16 0.00	52.82 -2.46 0.34	65.41 -2.75 2.93	38.77 -2.07 12.01	30.94 -1.92 12.51	36.34 -1.41 0.00	32.41 -1.23 0.00	29.93 -1.04 0.00	28.10 -0.79 0.00	43.50 -1.13 0.00	35.52 -0.77 0.00	28.77 -0.32 0.00	27.80 -0.16 0.00
CLINTON___LFGE 323618	43.29 -0.13 0.00	39.35 0.07 0.00	36.93 0.23 0.00	32.78 0.45 0.00	30.78 0.40 0.00	36.53 0.45 0.00	39.05 0.49 0.00	42.09 0.49 0.00	42.18 0.53 0.00	44.37 0.19 0.00	41.66 -0.93 0.00	52.72 -1.94 0.00	52.94 -2.32 0.36	65.38 -2.61 3.11	38.16 -1.95 12.74	30.22 -1.88 13.27	36.37 -1.38 0.00	32.47 -1.16 0.00	29.94 -1.03 0.00	28.23 -0.66 0.00	43.67 -0.95 0.00	35.75 -0.53 0.00	29.08 -0.01 0.00	28.24 0.27 0.00
COBBLENY_34_KV_TB1 80064	45.44 2.02 0.00	39.58 0.31 0.00	36.51 -0.18 0.00	31.87 -0.47 0.00	30.03 -0.35 0.00	36.17 0.09 0.00	39.28 0.72 0.00	43.02 1.42 0.00	43.34 1.69 0.00	45.78 1.60 0.00	44.33 1.74 0.00	57.47 2.81 0.00	57.41 1.78 0.00	72.28 1.18 0.00	52.27 -0.58 0.00	44.47 -0.89 0.00	36.59 -1.16 0.00	33.01 -0.62 0.00	30.65 -0.32 0.00	29.57 0.69 0.00	46.00 1.37 0.00	37.60 1.32 0.00	30.27 1.18 0.00	28.96 0.99 0.00
COFFEEN___115KV_TB3 355620	45.67 2.14 -0.10	40.81 1.49 -0.04	37.91 1.16 -0.05	33.29 0.95 0.00	31.26 0.89 0.00	37.29 1.22 0.00	40.05 1.48 0.00	43.19 1.60 0.00	43.36 1.71 0.00	45.60 1.41 0.00	44.12 1.52 0.00	56.48 1.69 -0.13	59.95 1.77 -2.55	86.59 3.07 -12.42	87.66 2.52 -32.30	80.01 1.98 -32.67	39.39 1.62 -0.02	35.51 1.87 0.00	32.80 1.83 0.00	30.82 1.93 0.00	46.67 1.92 -0.13	38.52 2.24 0.00	30.78 1.69 0.00	29.37 1.40 0.00
COLDSPRG_115KV_BK1 355956	47.16 3.74 0.00	41.05 1.78 0.00	37.92 1.22 0.00	32.97 0.64 0.00	31.11 0.74 0.00	37.69 1.62 0.00	40.96 2.39 0.00	45.11 3.52 0.00	45.15 3.50 0.00	47.76 3.58 0.00	46.67 4.08 0.00	60.38 5.72 0.00	60.39 4.76 0.00	75.38 4.29 0.00	54.25 1.40 0.00	46.23 0.86 0.00	37.87 0.13 0.00	34.28 0.65 0.00	31.74 0.77 0.00	30.53 1.64 0.00	47.39 2.76 0.00	38.96 2.67 0.00	31.36 2.27 0.00	29.95 1.99 0.00
COLONIE_LFGE___ 323577	45.41 1.99 0.00	40.99 1.72 0.00	38.19 1.49 0.00	33.73 1.39 0.00	31.65 1.28 0.00	37.53 1.46 0.00	40.03 1.46 0.00	43.29 1.69 0.00	43.36 1.71 0.00	46.17 1.98 0.00	44.54 1.95 0.00	57.06 2.40 0.00	58.39 2.77 0.00	74.60 3.51 0.00	55.64 2.79 0.00	48.60 2.47 -0.77	44.51 2.10 -4.66	35.49 1.85 0.00	32.58 1.61 0.00	30.30 1.41 0.00	46.92 2.29 0.00	38.14 1.85 0.00	30.54 1.45 0.00	29.29 1.32 0.00
COOPERNY_115KV_TB1 80082	45.06 1.63 0.00	40.65 1.37 0.00	37.81 1.11 0.00	33.29 0.96 0.00	31.24 0.87 0.00	37.04 0.97 0.00	39.62 1.06 0.00	43.09 1.49 0.00	43.41 1.76 0.00	46.29 2.10 0.00	44.89 2.30 0.00	57.60 2.94 0.00	58.76 3.13 0.00	74.92 3.83 0.00	55.86 3.02 0.00	46.31 2.68 1.74	29.29 2.12 10.58	15.84 1.82 19.62	22.74 1.54 9.77	24.17 1.31 6.02	46.52 1.90 0.00	37.80 1.51 0.00	30.27 1.18 0.00	29.03 1.07 0.00
COPENHAGEN_WT_PWR 323753	45.09 1.56 -0.11	40.34 1.02 -0.05	37.49 0.74 -0.05	32.91 0.58 0.00	30.92 0.55 0.00	36.86 0.79 0.00	39.56 1.00 0.00	42.70 1.10 0.00	42.82 1.18 0.00	45.10 0.92 0.00	43.58 0.99 0.00	55.91 1.12 -0.13	59.38 1.16 -2.59	85.49 2.13 -12.27	85.33 1.75 -30.73	77.73 1.37 -30.99	38.87 1.10 -0.02	34.97 1.33 0.00	32.27 1.30 0.00	30.29 1.40 0.00	45.65 0.90 -0.13	37.84 1.56 0.00	30.30 1.22 0.00	28.96 0.99 0.00
CORNELL_____ 23752	45.23 1.74 -0.06	40.41 1.11 -0.03	37.64 0.91 -0.03	33.04 0.70 0.00	31.02 0.64 0.00	37.01 0.94 0.00	39.75 1.19 0.00	43.19 1.60 0.00	43.31 1.66 0.00	45.89 1.71 0.00	44.40 1.81 0.00	57.39 2.65 -0.08	59.37 2.69 -1.06	77.59 3.36 -3.14	56.02 2.05 -1.13	47.80 1.87 -0.56	39.13 1.36 -0.01	34.93 1.29 0.00	32.12 1.15 0.00	30.16 1.28 0.00	46.67 1.97 -0.08	37.83 1.55 0.00	30.28 1.19 0.00	28.95 0.98 0.00

CORONA__69_KV_TB1 355595	46.76 3.33 0.00	42.32 3.05 0.00	39.37 2.67 0.00	34.64 2.30 0.00	32.47 2.09 0.00	38.44 2.37 0.00	41.18 2.62 0.00	45.06 3.47 0.00	45.51 3.86 0.00	48.48 4.29 0.00	51.20 4.81 -3.80	76.89 6.07 -16.16	81.14 6.45 -19.07	173.50 8.07 -94.34	127.32 6.21 -68.26	130.81 5.46 -79.98	244.26 4.53 -201.97	135.97 3.81 -98.52	106.33 3.22 -72.15	52.73 2.73 -21.12	48.31 3.68 0.00	39.18 2.89 0.00	31.31 2.22 0.00	29.99 2.03 0.00
CORTLAND__115KV_TB3 80093	44.73 1.24 -0.07	40.01 0.71 -0.03	37.28 0.56 -0.03	32.74 0.40 0.00	30.75 0.38 0.00	36.66 0.59 0.00	39.36 0.80 0.00	42.73 1.14 0.00	42.86 1.21 0.00	45.45 1.26 0.00	43.98 1.39 0.00	56.74 2.00 -0.08	58.84 2.02 -1.19	77.57 2.52 -3.96	58.33 1.60 -3.88	50.18 1.42 -3.40	38.77 1.01 -0.01	34.62 0.98 0.00	31.81 0.84 0.00	29.81 0.92 0.00	46.08 1.37 -0.08	37.37 1.08 0.00	29.93 0.84 0.00	28.64 0.68 0.00
COXSACKIE__GT 23611	47.10 3.68 0.00	42.44 3.16 0.00	39.52 2.83 0.00	34.84 2.50 0.00	32.68 2.31 0.00	38.76 2.69 0.00	41.40 2.84 0.00	44.66 3.07 0.00	44.50 2.85 0.00	47.46 3.27 0.00	45.36 2.77 0.00	58.13 3.47 0.00	59.06 3.43 0.00	75.98 4.88 0.00	57.07 4.22 0.00	-0.32 3.13 48.81	25.47 2.80 15.08	36.50 2.86 0.00	33.61 2.64 0.00	31.27 2.39 0.00	48.53 3.90 0.00	39.28 3.00 0.00	31.47 2.38 0.00	30.31 2.35 0.00
CPV_VALLEY__CC1 323721	45.20 1.77 0.00	40.80 1.52 0.00	37.90 1.20 0.00	33.38 1.04 0.00	31.32 0.95 0.00	37.10 1.03 0.00	39.67 1.10 0.00	43.23 1.63 0.00	43.60 1.95 0.00	46.56 2.38 0.00	45.22 2.62 0.00	57.97 3.31 0.00	59.23 3.60 0.00	75.50 4.41 0.00	56.34 3.49 0.00	45.72 3.07 2.72	23.65 2.43 16.53	5.06 2.08 30.65	17.45 1.74 15.26	20.90 1.43 9.41	46.67 2.05 0.00	37.91 1.63 0.00	30.38 1.29 0.00	29.14 1.18 0.00
CPV_VALLEY__CC2 323722	45.20 1.77 0.00	40.80 1.52 0.00	37.90 1.20 0.00	33.38 1.04 0.00	31.32 0.95 0.00	37.10 1.03 0.00	39.67 1.10 0.00	43.23 1.63 0.00	43.60 1.95 0.00	46.56 2.38 0.00	45.22 2.62 0.00	57.97 3.31 0.00	59.23 3.60 0.00	75.50 4.41 0.00	56.34 3.49 0.00	45.72 3.07 2.72	23.65 2.43 16.53	5.06 2.08 30.65	17.45 1.74 15.26	20.90 1.43 9.41	46.67 2.05 0.00	37.91 1.63 0.00	30.38 1.29 0.00	29.14 1.18 0.00
CRESCENT__HYD 24018	45.41 1.99 0.00	40.99 1.72 0.00	38.19 1.49 0.00	33.73 1.39 0.00	31.65 1.28 0.00	37.53 1.46 0.00	40.03 1.46 0.00	43.29 1.69 0.00	43.36 1.71 0.00	46.17 1.98 0.00	44.54 1.95 0.00	57.06 2.40 0.00	58.39 2.77 0.00	74.60 3.51 0.00	55.64 2.79 0.00	48.60 2.47 -0.77	44.51 2.10 -4.66	35.49 1.85 0.00	32.58 1.61 0.00	30.30 1.41 0.00	46.92 2.29 0.00	38.14 1.85 0.00	30.54 1.45 0.00	29.29 1.32 0.00
CRICKET__VALLEY_CC1 323756	45.58 2.16 0.00	41.12 1.85 0.00	38.13 1.44 0.00	33.64 1.30 0.00	31.53 1.15 0.00	37.35 1.28 0.00	39.92 1.35 0.00	43.52 1.93 0.00	43.88 2.23 0.00	46.85 2.67 0.00	45.45 2.85 0.00	58.25 3.58 0.00	59.69 4.06 0.00	76.30 5.21 0.00	57.02 4.18 0.00	50.95 3.73 -1.86	52.13 3.06 -11.32	57.30 2.61 -21.05	43.61 2.16 -10.48	37.16 1.81 -6.47	47.27 2.64 0.00	38.36 2.08 0.00	30.70 1.61 0.00	29.43 1.47 0.00
CRICKET__VALLEY_CC2 323757	45.58 2.16 0.00	41.12 1.85 0.00	38.13 1.44 0.00	33.64 1.30 0.00	31.53 1.15 0.00	37.35 1.28 0.00	39.92 1.35 0.00	43.52 1.93 0.00	43.88 2.23 0.00	46.85 2.67 0.00	45.45 2.85 0.00	58.25 3.58 0.00	59.69 4.06 0.00	76.30 5.21 0.00	57.02 4.18 0.00	50.95 3.73 -1.86	52.13 3.06 -11.32	57.30 2.61 -21.05	43.61 2.16 -10.48	37.16 1.81 -6.47	47.27 2.64 0.00	38.36 2.08 0.00	30.70 1.61 0.00	29.43 1.47 0.00
CRICKET__VALLEY_CC3 323758	45.58 2.16 0.00	41.12 1.85 0.00	38.13 1.44 0.00	33.64 1.30 0.00	31.53 1.15 0.00	37.35 1.28 0.00	39.92 1.35 0.00	43.52 1.93 0.00	43.88 2.23 0.00	46.85 2.67 0.00	45.45 2.85 0.00	58.25 3.58 0.00	59.69 4.06 0.00	76.30 5.21 0.00	57.02 4.18 0.00	50.95 3.73 -1.86	52.13 3.06 -11.32	57.30 2.61 -21.05	43.61 2.16 -10.48	37.16 1.81 -6.47	47.27 2.64 0.00	38.36 2.08 0.00	30.70 1.61 0.00	29.43 1.47 0.00
CRUCIBLE__METL_DRP 24180	43.76 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.26 0.00	30.13 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.63 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.10 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.07 0.00
DAHOWA__HYDRO 323763	46.65 3.23 0.00	41.89 2.62 0.00	39.00 2.30 0.00	34.47 2.13 0.00	32.35 1.97 0.00	38.42 2.35 0.00	41.03 2.47 0.00	44.42 2.82 0.00	44.46 2.81 0.00	47.29 3.10 0.00	45.55 2.96 0.00	58.51 3.84 0.00	59.80 4.17 0.00	76.43 5.34 0.00	56.95 4.11 0.00	49.73 3.65 -0.72	45.29 3.14 -4.41	36.56 2.92 0.00	33.63 2.66 0.00	31.31 2.43 0.00	48.54 3.92 0.00	39.47 3.19 0.00	31.52 2.43 0.00	30.15 2.19 0.00
DANC__LFGE 323619	44.44 0.88 -0.14	39.76 0.42 -0.06	36.98 0.22 -0.07	32.46 0.12 0.00	30.49 0.12 0.00	36.34 0.27 0.00	38.99 0.43 0.00	42.12 0.53 0.00	42.24 0.59 0.00	44.60 0.42 0.00	43.12 0.53 0.00	55.43 0.61 -0.17	59.06 0.66 -2.78	83.64 1.17 -11.38	75.90 0.91 -22.14	67.84 0.69 -21.79	38.28 0.50 -0.03	34.34 0.70 0.00	31.65 0.68 0.00	29.68 0.79 0.00	45.22 0.43 -0.17	37.14 0.85 0.00	29.77 0.67 0.00	28.50 0.54 0.00
DANSKAMMER__1 23586	46.41 2.98 0.00	41.83 2.56 0.00	38.81 2.12 0.00	34.17 1.84 0.00	32.04 1.67 0.00	37.97 1.90 0.00	40.64 2.07 0.00	44.37 2.77 0.00	44.82 3.17 0.00	47.94 3.75 0.00	46.61 4.01 0.00	59.79 5.13 0.00	61.11 5.48 0.00	77.88 6.78 0.00	58.24 5.40 0.00	50.16 4.79 0.00	41.59 3.84 0.00	36.91 3.28 0.00	33.73 2.77 0.00	31.26 2.37 0.00	48.08 3.46 0.00	39.04 2.75 0.00	31.23 2.14 0.00	29.92 1.96 0.00
DANSKAMMER__2 23589	46.41 2.98 0.00	41.83 2.56 0.00	38.81 2.12 0.00	34.17 1.84 0.00	32.04 1.67 0.00	37.97 1.90 0.00	40.64 2.07 0.00	44.37 2.77 0.00	44.82 3.17 0.00	47.94 3.75 0.00	46.61 4.01 0.00	59.79 5.13 0.00	61.11 5.48 0.00	77.88 6.78 0.00	58.24 5.40 0.00	50.16 4.79 0.00	41.59 3.84 0.00	36.91 3.28 0.00	33.73 2.77 0.00	31.26 2.37 0.00	48.08 3.46 0.00	39.04 2.75 0.00	31.23 2.14 0.00	29.92 1.96 0.00
DANSKAMMER__3 23590	46.41 2.98 0.00	41.83 2.56 0.00	38.81 2.12 0.00	34.17 1.84 0.00	32.04 1.67 0.00	37.97 1.90 0.00	40.64 2.07 0.00	44.37 2.77 0.00	44.82 3.17 0.00	47.94 3.75 0.00	46.61 4.01 0.00	59.79 5.13 0.00	61.11 5.48 0.00	77.88 6.78 0.00	58.24 5.40 0.00	50.16 4.79 0.00	41.59 3.84 0.00	36.91 3.28 0.00	33.73 2.77 0.00	31.26 2.37 0.00	48.08 3.46 0.00	39.04 2.75 0.00	31.23 2.14 0.00	29.92 1.96 0.00

DANSKAMMER___4 23591	46.41 2.98 0.00	41.83 2.56 0.00	38.81 2.12 0.00	34.17 1.84 0.00	32.04 1.67 0.00	37.97 1.90 0.00	40.64 2.07 0.00	44.37 2.77 0.00	44.82 3.17 0.00	47.94 3.75 0.00	46.61 4.01 0.00	59.79 5.13 0.00	61.11 5.48 0.00	77.88 6.78 0.00	58.24 5.40 0.00	50.16 4.79 0.00	41.59 3.84 0.00	36.91 3.28 0.00	33.73 2.77 0.00	31.26 2.37 0.00	48.08 3.46 0.00	39.04 2.75 0.00	31.23 2.14 0.00	29.92 1.96 0.00
DANSKAMMER___DIESEL 23592	46.40 2.98 0.00	41.83 2.55 0.00	38.81 2.12 0.00	34.17 1.84 0.00	32.04 1.67 0.00	37.97 1.90 0.00	40.64 2.07 0.00	44.37 2.77 0.00	44.81 3.16 0.00	47.94 3.76 0.00	46.60 4.01 0.00	59.79 5.13 0.00	61.10 5.47 0.00	77.87 6.77 0.00	58.24 5.40 0.00	50.15 4.79 0.00	41.60 3.85 0.00	36.92 3.28 0.00	33.74 2.77 0.00	31.26 2.37 0.00	48.08 3.46 0.00	39.03 2.75 0.00	31.23 2.15 0.00	29.92 1.96 0.00
DARBY___SOLAR 323810	46.40 2.98 0.00	41.71 2.43 0.00	38.83 2.13 0.00	34.30 1.97 0.00	32.19 1.81 0.00	38.23 2.16 0.00	40.83 2.27 0.00	44.17 2.58 0.00	44.21 2.56 0.00	47.02 2.84 0.00	45.30 2.71 0.00	58.16 3.50 0.00	59.45 3.82 0.00	75.94 4.85 0.00	56.62 3.77 0.00	49.44 3.35 -0.73	45.12 2.92 -4.45	36.33 2.69 0.00	33.41 2.45 0.00	31.11 2.22 0.00	48.22 3.60 0.00	39.21 2.92 0.00	31.32 2.23 0.00	29.98 2.01 0.00
DASHVILLE___HYD 23610	45.65 2.23 0.00	41.21 1.93 0.00	38.31 1.61 0.00	33.73 1.40 0.00	31.64 1.27 0.00	37.49 1.42 0.00	40.19 1.63 0.00	43.91 2.31 0.00	44.35 2.70 0.00	47.41 3.23 0.00	46.17 3.58 0.00	59.30 4.64 0.00	60.67 5.05 0.00	77.28 6.19 0.00	57.65 4.80 0.00	36.02 4.33 13.67	36.99 3.47 4.22	36.56 2.92 0.00	33.39 2.42 0.00	30.92 2.04 0.00	47.53 2.91 0.00	38.62 2.33 0.00	30.87 1.78 0.00	29.51 1.54 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.72 3.29 0.00	42.26 2.98 0.00	39.75 3.06 0.00	35.12 2.79 0.00	33.05 2.67 0.00	39.27 3.20 0.00	42.14 3.57 0.00	46.24 4.65 0.00	46.78 5.14 0.00	49.98 5.79 0.00	53.00 6.60 -3.80	214.61 8.64 -151.30	237.76 8.98 -173.15	241.70 11.10 -159.50	207.63 7.90 -146.89	225.97 7.05 -173.56	262.49 5.81 -218.93	257.13 4.99 -218.51	274.54 4.30 -239.27	191.92 3.60 -159.43	57.73 4.55 -8.56	39.73 3.45 0.00	31.57 2.48 0.00	29.89 1.93 0.00
DELAWARE___LFGE 323621	45.17 1.73 -0.02	40.71 1.42 -0.01	37.98 1.27 -0.01	33.42 1.08 0.00	31.38 1.00 0.00	37.30 1.23 0.00	39.97 1.41 0.00	43.28 1.69 0.00	43.41 1.76 0.00	46.15 1.96 0.00	44.64 2.05 0.00	57.37 2.68 -0.03	58.75 2.78 -0.34	75.48 3.38 -1.00	55.77 2.57 -0.36	47.78 2.24 -0.18	39.46 1.70 0.00	35.19 1.56 0.00	32.35 1.39 0.00	30.17 1.28 0.00	46.56 1.92 -0.03	37.82 1.53 0.00	30.29 1.20 0.00	29.03 1.06 0.00
DERFIELD_115KV_TB7 355931	43.79 0.37 0.00	39.57 0.29 0.00	36.93 0.24 0.00	32.53 0.20 0.00	30.56 0.18 0.00	36.29 0.22 0.00	38.80 0.23 0.00	41.91 0.31 0.00	41.99 0.34 0.00	44.62 0.43 0.00	43.06 0.46 0.00	55.22 0.55 0.00	56.34 0.64 -0.07	72.47 0.76 -0.61	55.99 0.62 -2.52	48.57 0.58 -2.63	38.20 0.45 0.00	34.04 0.40 0.00	31.30 0.33 0.00	29.17 0.29 0.00	45.04 0.42 0.00	36.64 0.36 0.00	29.38 0.29 0.00	28.20 0.24 0.00
DOGLEVILLE___HYD 23807	44.63 1.21 0.00	40.27 0.99 0.00	37.52 0.83 0.00	33.07 0.74 0.00	31.01 0.63 0.00	36.82 0.75 0.00	39.24 0.67 0.00	42.35 0.76 0.00	42.29 0.64 0.00	45.17 0.99 0.00	43.34 0.75 0.00	55.29 0.63 0.00	56.73 1.03 -0.07	72.93 1.22 -0.61	56.70 1.34 -2.52	49.75 1.77 -2.63	39.26 1.51 0.00	35.08 1.45 0.00	32.25 1.29 0.00	29.98 1.09 0.00	46.41 1.79 0.00	37.61 1.33 0.00	30.09 1.00 0.00	28.78 0.82 0.00
DUNKIRK___115KV_TB_200 55889	45.92 2.49 0.00	39.90 0.63 0.00	36.87 0.17 0.00	32.06 -0.28 0.00	30.21 -0.17 0.00	36.59 0.52 0.00	39.72 1.16 0.00	43.62 2.02 0.00	43.97 2.32 0.00	46.46 2.28 0.00	45.11 2.52 0.00	58.48 3.82 0.00	58.55 2.92 0.00	73.69 2.59 0.00	53.16 0.31 0.00	45.27 -0.09 0.00	37.08 -0.67 0.00	33.52 -0.12 0.00	31.04 0.07 0.00	29.92 1.04 0.00	46.48 1.85 0.00	38.02 1.73 0.00	30.61 1.52 0.00	29.20 1.23 0.00
DUNKIRK___1 23563	45.92 2.49 0.00	39.90 0.63 0.00	36.87 0.17 0.00	32.06 -0.28 0.00	30.21 -0.17 0.00	36.59 0.52 0.00	39.72 1.16 0.00	43.62 2.02 0.00	43.97 2.32 0.00	46.46 2.28 0.00	45.11 2.52 0.00	58.48 3.82 0.00	58.55 2.92 0.00	73.69 2.59 0.00	53.16 0.31 0.00	45.27 -0.09 0.00	37.08 -0.67 0.00	33.52 -0.12 0.00	31.04 0.07 0.00	29.92 1.04 0.00	46.48 1.85 0.00	38.02 1.73 0.00	30.61 1.52 0.00	29.20 1.23 0.00
DUNKIRK___2 23564	45.92 2.49 0.00	39.90 0.63 0.00	36.87 0.17 0.00	32.06 -0.28 0.00	30.21 -0.17 0.00	36.59 0.52 0.00	39.72 1.16 0.00	43.62 2.02 0.00	43.97 2.32 0.00	46.46 2.28 0.00	45.11 2.52 0.00	58.48 3.82 0.00	58.55 2.92 0.00	73.69 2.59 0.00	53.16 0.31 0.00	45.27 -0.09 0.00	37.08 -0.67 0.00	33.52 -0.12 0.00	31.04 0.07 0.00	29.92 1.04 0.00	46.48 1.85 0.00	38.02 1.73 0.00	30.61 1.52 0.00	29.20 1.23 0.00
DUNKIRK___3 23565	45.52 2.10 0.00	39.63 0.35 0.00	36.62 -0.08 0.00	31.88 -0.45 0.00	30.03 -0.34 0.00	36.30 0.23 0.00	39.40 0.83 0.00	43.22 1.62 0.00	43.55 1.91 0.00	46.02 1.84 0.00	44.64 2.05 0.00	57.84 3.18 0.00	57.90 2.27 0.00	72.97 1.87 0.00	52.68 -0.17 0.00	44.87 -0.49 0.00	36.80 -0.95 0.00	33.25 -0.39 0.00	30.80 -0.16 0.00	29.67 0.78 0.00	46.09 1.47 0.00	37.68 1.40 0.00	30.35 1.26 0.00	28.98 1.02 0.00
DUNKIRK___4 23566	45.54 2.11 0.00	39.63 0.35 0.00	36.62 -0.08 0.00	31.88 -0.45 0.00	30.03 -0.34 0.00	36.30 0.23 0.00	39.40 0.83 0.00	43.22 1.62 0.00	43.55 1.91 0.00	46.02 1.84 0.00	44.64 2.05 0.00	57.84 3.18 0.00	57.90 2.27 0.00	72.97 1.87 0.00	52.68 -0.17 0.00	44.87 -0.49 0.00	36.80 -0.95 0.00	33.25 -0.39 0.00	30.80 -0.16 0.00	29.67 0.78 0.00	46.09 1.47 0.00	37.68 1.40 0.00	30.35 1.26 0.00	28.98 1.02 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.26 2.84 0.00	41.79 2.51 0.00	38.78 2.08 0.00	34.14 1.80 0.00	32.01 1.64 0.00	37.93 1.86 0.00	40.57 2.01 0.00	44.32 2.73 0.00	44.81 3.17 0.00	47.88 3.69 0.00	46.59 4.00 0.00	59.72 5.06 0.00	61.07 5.44 0.00	77.77 6.68 0.00	58.09 5.25 0.00	54.47 4.59 -4.52	68.96 3.72 -27.49	83.15 3.12 -46.39	56.62 2.56 -23.10	45.30 2.17 -14.25	47.77 3.15 0.00	38.79 2.51 0.00	31.12 2.03 0.00	29.86 1.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.95 2.53 0.00	41.44 2.16 0.00	38.45 1.75 0.00	33.86 1.52 0.00	31.75 1.38 0.00	37.62 1.55 0.00	40.25 1.69 0.00	43.93 2.33 0.00	44.37 2.72 0.00	47.43 3.24 0.00	46.11 3.52 0.00	59.17 4.51 0.00	60.43 4.80 0.00	76.99 5.89 0.00	57.51 4.67 0.00	48.18 4.16 1.35	32.84 3.31 8.22	21.18 2.82 15.28	25.74 2.39 7.61	26.20 2.01 4.69	47.54 2.92 0.00	38.62 2.34 0.00	30.92 1.83 0.00	29.63 1.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.38 2.96 0.00	41.89 2.61 0.00	38.89 2.19 0.00	34.22 1.88 0.00	32.14 1.77 0.00	37.98 1.91 0.00	40.68 2.12 0.00	44.47 2.87 0.00	45.02 3.37 0.00	48.11 3.92 0.00	46.83 4.23 0.00	60.14 5.48 0.00	61.48 5.85 0.00	78.03 6.94 0.00	58.32 5.47 0.00	54.73 4.85 -4.52	69.18 3.92 -27.51	83.26 3.19 -46.43	56.61 2.53 -23.12	45.32 2.17 -14.26	47.77 3.15 0.01	38.85 2.58 0.01	31.19 2.10 0.00	29.94 1.97 0.00
E179THST_13_KV_LOAD 356214	46.72 3.30 0.00	42.19 2.91 0.00	39.14 2.45 0.00	34.44 2.11 0.00	32.35 1.97 0.00	38.23 2.16 0.00	40.96 2.39 0.00	44.80 3.21 0.00	45.35 3.70 0.00	48.46 4.27 0.00	47.17 4.58 0.00	60.60 5.94 0.00	61.96 6.33 0.00	78.64 7.55 0.00	58.77 5.92 0.00	55.11 5.23 -4.52	69.49 4.23 -27.51	83.54 3.47 -46.43	56.88 2.79 -23.12	45.55 2.41 -14.26	48.13 3.51 0.01	39.16 2.88 0.01	31.42 2.33 0.00	30.15 2.19 0.00
EAST HAMPTON___GT 23717	46.61 3.19 0.00	42.12 2.85 0.00	39.97 3.27 0.00	35.48 3.14 0.00	33.52 3.15 0.00	40.02 3.95 0.00	42.98 4.41 0.00	47.27 5.68 0.00	47.77 6.12 0.00	50.74 6.55 0.00	53.75 7.35 -3.80	215.69 9.62 -151.41	238.80 9.90 -173.27	242.86 12.12 -159.64	208.11 8.20 -147.07	226.41 7.37 -173.68	262.71 6.00 -218.97	257.24 5.06 -218.55	274.75 4.34 -239.44	192.02 3.61 -159.53	57.61 4.41 -8.57	39.45 3.16 0.00	31.28 2.19 0.00	29.48 1.52 0.00
EAST RIVER___6 23660	46.56 3.14 0.00	42.05 2.78 0.00	39.02 2.32 0.00	34.35 2.02 0.00	32.21 1.84 0.00	38.11 2.04 0.00	40.75 2.18 0.00	44.68 3.08 0.00	45.19 3.54 0.00	48.31 4.12 0.00	47.06 4.47 0.00	60.27 5.61 0.00	61.64 6.01 0.00	78.37 7.28 0.00	58.63 5.79 0.00	54.93 5.05 -4.52	69.37 4.10 -27.52	83.47 3.39 -46.44	56.79 2.69 -23.13	45.49 2.34 -14.26	48.03 3.41 0.00	39.07 2.79 0.00	31.37 2.28 0.00	30.11 2.15 0.00
EAST RIVER___7 23524	46.56 3.14 0.00	42.05 2.78 0.00	39.02 2.32 0.00	34.35 2.02 0.00	32.21 1.84 0.00	38.11 2.04 0.00	40.75 2.18 0.00	44.68 3.08 0.00	45.19 3.54 0.00	48.31 4.12 0.00	47.06 4.47 0.00	60.27 5.61 0.00	61.64 6.01 0.00	78.37 7.28 0.00	58.63 5.79 0.00	54.93 5.05 -4.52	69.37 4.10 -27.52	83.47 3.39 -46.44	56.79 2.69 -23.13	45.49 2.34 -14.26	48.03 3.41 0.00	39.07 2.79 0.00	31.37 2.28 0.00	30.11 2.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.13 2.71 0.00	41.66 2.38 0.00	38.65 1.96 0.00	34.04 1.71 0.00	31.92 1.55 0.00	37.81 1.74 0.00	40.45 1.89 0.00	44.18 2.59 0.00	44.66 3.01 0.00	47.72 3.54 0.00	46.43 3.84 0.00	59.53 4.87 0.00	60.87 5.25 0.00	77.56 6.47 0.00	57.93 5.08 0.00	54.63 4.44 -4.83	70.70 3.59 -29.36	87.68 3.01 -51.03	58.85 2.47 -25.41	46.65 2.10 -15.67	47.65 3.03 0.00	38.71 2.43 0.00	31.03 1.94 0.00	29.77 1.80 0.00
EAST_HAMPTON___DIESEL 23722	46.49 3.07 0.00	42.02 2.75 0.00	39.92 3.22 0.00	35.46 3.12 0.00	33.52 3.15 0.00	40.03 3.96 0.00	43.00 4.43 0.00	47.28 5.69 0.00	47.79 6.14 0.00	50.79 6.60 0.00	53.80 7.41 -3.80	215.73 9.67 -151.41	238.83 9.93 -173.27	242.86 12.14 -159.63	208.08 8.18 -147.06	226.39 7.34 -173.68	262.69 5.98 -218.97	257.21 5.03 -218.55	274.72 4.32 -239.43	191.99 3.58 -159.52	57.55 4.35 -8.57	39.38 3.10 0.00	31.21 2.12 0.00	29.40 1.44 0.00
EAST_POINT___SOLAR 323840	46.99 3.57 0.00	42.19 2.91 0.00	39.32 2.62 0.00	34.56 2.22 0.00	32.48 2.11 0.00	38.71 2.64 0.00	41.50 2.93 0.00	44.60 3.00 0.00	44.28 2.63 0.00	46.76 2.57 0.00	44.64 2.05 0.00	57.01 2.35 0.00	57.43 1.80 0.00	73.71 2.62 0.00	54.99 2.15 0.00	48.27 2.91 0.00	40.90 3.15 0.00	36.77 3.13 0.00	33.92 2.95 0.00	31.73 2.85 0.00	48.85 4.23 0.00	39.67 3.39 0.00	31.69 2.60 0.00	30.29 2.32 0.00
EAST_PULASKI___ESR 323781	43.88 0.27 -0.20	39.27 -0.10 -0.08	36.55 -0.24 -0.09	32.06 -0.28 0.00	30.12 -0.25 0.00	35.89 -0.19 0.00	38.49 -0.07 0.00	41.64 0.04 0.00	41.75 0.10 0.00	44.13 -0.05 0.00	42.67 0.08 0.00	55.00 0.10 -0.24	59.26 0.16 -3.47	83.35 0.27 -11.98	66.98 0.11 -14.03	58.18 0.04 -12.78	37.73 -0.06 -0.04	33.74 0.10 0.00	31.07 0.11 0.00	29.10 0.22 0.00	44.85 -0.01 -0.24	36.48 0.19 0.00	29.24 0.15 0.00	28.08 0.11 0.00
EAST_RIVER___1 323558	46.49 3.07 0.00	42.00 2.73 0.00	38.96 2.27 0.00	34.30 1.97 0.00	32.16 1.79 0.00	38.09 2.02 0.00	40.75 2.19 0.00	44.59 2.99 0.00	45.12 3.48 0.00	48.24 4.06 0.00	46.96 4.37 0.00	60.17 5.51 0.00	61.53 5.90 0.00	78.31 7.21 0.00	58.51 5.67 0.00	54.84 4.96 -4.52	69.29 4.01 -27.52	83.41 3.33 -46.44	56.75 2.66 -23.13	45.43 2.28 -14.26	47.97 3.35 0.00	39.00 2.71 0.00	31.31 2.22 0.00	30.07 2.10 0.00
EAST_RIVER___2 323559	46.56 3.14 0.00	42.05 2.78 0.00	39.02 2.32 0.00	34.35 2.02 0.00	32.21 1.84 0.00	38.11 2.04 0.00	40.75 2.18 0.00	44.68 3.08 0.00	45.19 3.54 0.00	48.31 4.12 0.00	47.06 4.47 0.00	60.27 5.61 0.00	61.64 6.01 0.00	78.37 7.28 0.00	58.63 5.79 0.00	54.93 5.05 -4.52	69.37 4.10 -27.52	83.47 3.39 -46.44	56.79 2.69 -23.13	45.49 2.34 -14.26	48.03 3.41 0.00	39.07 2.79 0.00	31.37 2.28 0.00	30.11 2.15 0.00
EAST___DELAWARE_HYD 23607	44.83 1.41 0.00	40.38 1.10 0.00	37.48 0.78 0.00	32.98 0.64 0.00	30.92 0.54 0.00	36.63 0.56 0.00	39.23 0.66 0.00	42.82 1.23 0.00	43.22 1.58 0.00	46.29 2.11 0.00	45.05 2.46 0.00	57.82 3.16 0.00	58.82 3.20 0.00	73.20 2.11 0.00	54.90 2.05 0.00	42.16 2.10 5.29	32.31 1.63 7.06	24.27 1.28 10.65	26.68 1.01 5.30	26.33 0.72 3.27	45.71 1.09 0.00	37.88 1.59 0.00	30.25 1.16 0.00	28.92 0.96 0.00
EIGHT_POINT___WT_PWR 323820	45.79 2.34 -0.03	40.25 0.97 -0.01	37.41 0.70 -0.01	32.73 0.39 0.00	30.77 0.39 0.00	36.96 0.89 0.00	39.88 1.32 0.00	43.63 2.03 0.00	43.80 2.15 0.00	46.45 2.27 0.00	45.19 2.60 0.00	58.31 3.62 -0.03	58.85 2.80 -0.42	75.27 2.93 -1.24	54.34 1.05 -0.44	46.46 0.88 -0.22	38.08 0.32 0.00	34.24 0.60 0.00	31.58 0.61 0.00	30.09 1.20 0.00	46.70 2.05 -0.03	37.95 1.66 0.00	30.63 1.54 0.00	29.27 1.30 0.00
ELBRIDGE_115KV_TB2 80188	43.73 0.18 -0.13	39.17 -0.16 -0.06	36.50 -0.26 -0.06	32.05 -0.29 0.00	30.10 -0.27 0.00	35.87 -0.20 0.00	38.44 -0.13 0.00	41.68 0.09 0.00	41.87 0.22 0.00	44.49 0.30 0.00	43.03 0.44 0.00	55.60 0.78 -0.16	58.49 0.68 -2.18	78.69 0.74 -6.85	57.79 0.17 -4.77	49.25 0.13 -3.75	37.74 -0.03 -0.02	33.69 0.06 0.00	31.00 0.03 0.00	29.08 0.19 0.00	45.07 0.29 -0.16	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.06 0.00
ELEC_TRO_TEK 24086	46.38 2.96 0.00	42.03 2.76 0.00	39.13 2.43 0.00	34.42 2.09 0.00	32.27 1.90 0.00	38.20 2.13 0.00	40.88 2.32 0.00	44.72 3.13 0.00	45.18 3.53 0.00	48.18 4.00 0.00	50.87 4.48 -3.80	76.52 5.70 -16.16	80.81 6.11 -19.07	182.25 7.61 -103.54	131.74 5.89 -73.00	134.76 5.17 -84.23	244.75 4.26 -202.74	137.71 3.58 -100.49	106.12 3.00 -72.15	52.51 2.51 -21.12	47.92 3.29 0.00	38.87 2.58 0.00	31.10 2.01 0.00	29.81 1.85 0.00

ELLENBURG_WT_PWR 323604	42.74 -0.68 0.00	38.83 -0.45 0.00	36.46 -0.24 0.00	32.32 -0.01 0.00	30.35 -0.03 0.00	36.00 -0.07 0.00	38.51 -0.06 0.00	41.39 -0.20 0.00	41.45 -0.20 0.00	43.63 -0.56 0.00	41.23 -1.36 0.00	52.51 -2.16 0.00	52.82 -2.46 0.34	65.41 -2.75 2.93	38.77 -2.07 12.01	30.94 -1.92 12.51	36.34 -1.41 0.00	32.41 -1.23 0.00	29.93 -1.04 0.00	28.10 -0.79 0.00	43.50 -1.13 0.00	35.52 -0.77 0.00	28.77 -0.32 0.00	27.80 -0.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.96 1.54 0.00	39.17 -0.11 0.00	36.12 -0.58 0.00	31.49 -0.85 0.00	29.70 -0.68 0.00	35.78 -0.29 0.00	38.83 0.27 0.00	42.48 0.88 0.00	42.82 1.17 0.00	45.22 1.03 0.00	43.78 1.19 0.00	56.73 2.06 0.00	56.65 1.02 0.00	71.24 0.15 0.00	51.51 -1.34 0.00	43.81 -1.56 0.00	36.07 -1.68 0.00	32.56 -1.08 0.00	30.24 -0.73 0.00	29.21 0.32 0.00	45.42 0.80 0.00	37.20 0.91 0.00	29.96 0.87 0.00	28.67 0.71 0.00
EMPIRE_CC_1 323656	44.47 1.05 0.00	40.25 0.97 0.00	37.51 0.81 0.00	33.17 0.84 0.00	31.18 0.80 0.00	36.85 0.78 0.00	39.26 0.70 0.00	42.47 0.87 0.00	42.57 0.93 0.00	45.31 1.12 0.00	43.71 1.12 0.00	55.93 1.26 0.00	57.26 1.63 0.00	73.14 2.05 0.00	54.59 1.74 0.00	47.90 1.56 -0.98	45.04 1.34 -5.96	45.82 1.13 -11.06	37.39 0.92 -5.51	33.04 0.75 -3.40	45.81 1.18 0.00	37.26 0.97 0.00	29.90 0.81 0.00	28.70 0.74 0.00
EMPIRE_CC_2 323658	44.47 1.05 0.00	40.25 0.97 0.00	37.51 0.81 0.00	33.17 0.84 0.00	31.18 0.80 0.00	36.85 0.78 0.00	39.26 0.70 0.00	42.47 0.87 0.00	42.57 0.93 0.00	45.31 1.12 0.00	43.71 1.12 0.00	55.93 1.26 0.00	57.26 1.63 0.00	73.14 2.05 0.00	54.59 1.74 0.00	47.90 1.56 -0.98	45.04 1.34 -5.96	45.82 1.13 -11.06	37.39 0.92 -5.51	33.04 0.75 -3.40	45.81 1.18 0.00	37.26 0.97 0.00	29.90 0.81 0.00	28.70 0.74 0.00
ENORWICH_115KV_TB1 80156	47.77 4.29 -0.05	42.58 3.28 -0.02	39.65 2.93 -0.02	34.77 2.44 0.00	32.66 2.28 0.00	39.07 3.00 0.00	42.03 3.46 0.00	45.68 4.09 0.00	45.83 4.18 0.00	48.51 4.32 0.00	46.43 3.84 0.00	60.09 5.37 -0.06	62.11 5.69 -0.79	81.09 7.66 -2.34	59.08 5.40 -0.84	50.69 4.91 -0.42	41.21 3.45 -0.01	37.25 3.61 0.00	34.15 3.18 0.00	32.02 3.14 0.00	49.65 4.96 -0.06	40.01 3.73 0.00	31.98 2.89 0.00	30.57 2.60 0.00
ERIE_ST__34_KV_TB1-2 80199	45.44 2.01 0.00	39.61 0.33 0.00	36.54 -0.16 0.00	31.87 -0.47 0.00	30.02 -0.36 0.00	36.17 0.09 0.00	39.25 0.69 0.00	42.95 1.35 0.00	43.36 1.71 0.00	45.85 1.66 0.00	44.38 1.79 0.00	57.50 2.84 0.00	57.49 1.86 0.00	72.43 1.34 0.00	52.40 -0.44 0.00	44.61 -0.75 0.00	36.69 -1.06 0.00	33.11 -0.52 0.00	30.71 -0.26 0.00	29.61 0.72 0.00	46.06 1.44 0.00	37.63 1.35 0.00	30.24 1.15 0.00	28.93 0.97 0.00
ERIE_WT_PWR 323693	45.25 1.83 0.00	39.43 0.15 0.00	36.37 -0.33 0.00	31.70 -0.63 0.00	29.89 -0.48 0.00	35.99 -0.08 0.00	39.07 0.51 0.00	42.76 1.16 0.00	43.12 1.47 0.00	45.58 1.39 0.00	44.11 1.52 0.00	57.18 2.52 0.00	57.11 1.48 0.00	71.85 0.76 0.00	51.97 -0.87 0.00	44.23 -1.13 0.00	36.43 -1.32 0.00	32.87 -0.77 0.00	30.51 -0.46 0.00	29.43 0.55 0.00	45.78 1.16 0.00	37.45 1.16 0.00	30.17 1.08 0.00	28.85 0.89 0.00
ESPRGFLD_115KV_TB1 80157	46.38 2.96 0.00	41.62 2.34 0.00	38.81 2.12 0.00	34.09 1.75 0.00	32.02 1.65 0.00	38.17 2.10 0.00	41.08 2.52 0.00	44.44 2.84 0.00	44.51 2.87 0.00	47.14 2.96 0.00	45.43 2.84 0.00	58.52 3.86 0.00	59.34 3.71 0.00	75.83 4.73 0.00	56.20 3.35 0.00	48.36 3.00 0.00	40.32 2.57 0.00	35.95 2.32 0.00	33.19 2.23 0.00	31.07 2.19 0.00	47.83 3.20 0.00	38.83 2.55 0.00	31.08 1.99 0.00	29.73 1.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.15 1.66 -0.07	40.33 1.03 -0.03	37.58 0.84 -0.03	32.99 0.65 0.00	30.97 0.60 0.00	36.96 0.89 0.00	39.68 1.12 0.00	43.11 1.51 0.00	43.23 1.58 0.00	45.80 1.62 0.00	44.30 1.71 0.00	57.25 2.50 -0.08	59.25 2.52 -1.10	77.52 3.17 -3.25	55.95 1.94 -1.17	47.71 1.77 -0.58	39.05 1.29 -0.01	34.86 1.23 0.00	32.05 1.09 0.00	30.09 1.20 0.00	46.57 1.87 -0.08	37.74 1.46 0.00	30.21 1.12 0.00	28.89 0.93 0.00
ETNA____115KV_TB2 80207	45.15 1.66 -0.07	40.33 1.03 -0.03	37.58 0.84 -0.03	32.99 0.65 0.00	30.97 0.60 0.00	36.96 0.89 0.00	39.68 1.12 0.00	43.11 1.51 0.00	43.23 1.58 0.00	45.80 1.62 0.00	44.30 1.71 0.00	57.25 2.50 -0.08	59.25 2.52 -1.10	77.52 3.17 -3.25	55.95 1.94 -1.17	47.71 1.77 -0.58	39.05 1.29 -0.01	34.86 1.23 0.00	32.05 1.09 0.00	30.09 1.20 0.00	46.57 1.87 -0.08	37.74 1.46 0.00	30.21 1.12 0.00	28.89 0.93 0.00
EUCLID____115KV_TB2 356179	43.40 -0.07 -0.06	38.92 -0.38 -0.02	36.26 -0.47 -0.03	31.86 -0.48 0.00	29.93 -0.45 0.00	35.63 -0.44 0.00	38.22 -0.34 0.00	41.44 -0.16 0.00	41.58 -0.07 0.00	44.17 -0.01 0.00	42.74 0.15 0.00	55.06 0.34 -0.07	56.91 0.29 -1.00	74.77 0.20 -3.48	57.03 -0.06 -4.24	49.18 -0.07 -3.90	37.59 -0.17 -0.01	33.56 -0.08 0.00	30.85 -0.12 0.00	28.88 0.00 0.00	44.65 -0.04 -0.07	36.27 -0.02 0.00	29.05 -0.04 0.00	27.85 -0.11 0.00
E_CANADA_CAP_HY 24051	46.70 3.28 0.00	41.96 2.68 0.00	39.12 2.42 0.00	34.37 2.04 0.00	32.31 1.94 0.00	38.50 2.43 0.00	41.38 2.81 0.00	44.63 3.03 0.00	44.52 2.88 0.00	47.10 2.91 0.00	45.21 2.62 0.00	57.99 3.33 0.00	58.61 2.98 0.00	75.06 3.96 0.00	55.70 2.85 0.00	48.16 2.80 0.00	40.51 2.76 0.00	36.17 2.53 0.00	33.43 2.46 0.00	31.30 2.42 0.00	48.16 3.54 0.00	39.16 2.88 0.00	31.33 2.24 0.00	29.98 2.02 0.00
E_CANADA_MHWK_HY 24050	44.63 1.21 0.00	40.27 0.99 0.00	37.52 0.83 0.00	33.07 0.74 0.00	31.01 0.63 0.00	36.82 0.75 0.00	39.24 0.67 0.00	42.35 0.76 0.00	42.29 0.64 0.00	45.17 0.99 0.00	43.34 0.75 0.00	55.29 0.63 0.00	56.73 1.03 -0.07	72.93 1.22 -0.61	56.70 1.34 -2.52	49.75 1.77 -2.63	39.26 1.51 0.00	35.08 1.45 0.00	32.25 1.29 0.00	29.98 1.09 0.00	46.41 1.79 0.00	37.61 1.33 0.00	30.09 1.00 0.00	28.78 0.82 0.00
E_FISHKILL____LBMP 23776	45.76 2.34 0.00	41.32 2.04 0.00	38.36 1.66 0.00	33.79 1.45 0.00	31.69 1.32 0.00	37.54 1.47 0.00	40.14 1.57 0.00	43.76 2.17 0.00	44.17 2.52 0.00	47.17 2.98 0.00	45.79 3.20 0.00	58.70 4.04 0.00	60.02 4.40 0.00	76.54 5.45 0.00	57.18 4.34 0.00	50.75 3.82 -1.58	50.43 3.10 -9.58	53.37 2.62 -17.11	41.65 2.16 -8.52	35.95 1.81 -5.26	47.26 2.63 0.00	38.38 2.10 0.00	30.75 1.66 0.00	29.50 1.54 0.00
FALCON____SEABRD_CC1 323796	43.23 -0.19 0.00	39.29 0.02 0.00	36.86 0.16 0.00	32.72 0.39 0.00	30.72 0.34 0.00	36.44 0.37 0.00	38.96 0.39 0.00	41.98 0.38 0.00	42.04 0.39 0.00	44.19 0.00 0.00	41.39 -1.21 0.00	52.29 -2.37 0.00	52.45 -2.83 0.35	64.87 -3.21 3.01	38.10 -2.39 12.35	30.27 -2.23 12.86	36.06 -1.69 0.00	32.17 -1.47 0.00	29.66 -1.31 0.00	27.93 -0.95 0.00	43.26 -1.36 0.00	35.54 -0.74 0.00	29.07 -0.02 0.00	28.17 0.20 0.00

FALCON___SEABRD_CC2 323797	43.23 -0.19 0.00	39.29 0.02 0.00	36.86 0.16 0.00	32.72 0.39 0.00	30.72 0.34 0.00	36.44 0.37 0.00	38.96 0.39 0.00	41.98 0.38 0.00	42.04 0.39 0.00	44.19 0.00 0.00	41.39 -1.21 0.00	52.29 -2.37 0.00	52.45 -2.83 0.35	64.87 -3.21 3.01	38.10 -2.39 12.35	30.27 -2.23 12.86	36.06 -1.69 0.00	32.17 -1.47 0.00	29.66 -1.31 0.00	27.93 -0.95 0.00	43.26 -1.36 0.00	35.54 -0.74 0.00	29.07 -0.02 0.00	28.17 0.20 0.00
FAR ROCKAWAY___4 23548	47.03 3.61 0.00	42.53 3.26 0.00	39.56 2.86 0.00	34.79 2.45 0.00	32.60 2.22 0.00	38.61 2.54 0.00	41.63 3.07 0.00	45.59 3.99 0.00	46.07 4.42 0.00	48.99 4.81 0.00	51.57 5.18 -3.80	77.21 6.39 -16.16	81.31 6.62 -19.07	159.63 8.22 -80.32	120.24 6.36 -61.03	124.45 5.58 -73.51	243.21 4.66 -200.80	133.05 3.90 -95.51	106.41 3.29 -72.15	52.83 2.82 -21.12	48.67 4.04 0.00	39.50 3.22 0.00	31.52 2.43 0.00	30.16 2.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.50 3.08 0.00	42.04 2.76 0.00	38.99 2.29 0.00	34.30 1.97 0.00	32.17 1.79 0.00	38.12 2.05 0.00	40.77 2.21 0.00	44.60 3.01 0.00	45.14 3.49 0.00	48.25 4.07 0.00	46.97 4.38 0.00	60.18 5.52 0.00	61.53 5.90 0.00	78.32 7.22 0.00	58.53 5.68 0.00	54.84 4.96 -4.52	69.29 4.02 -27.52	83.41 3.34 -46.44	56.77 2.67 -23.13	45.43 2.28 -14.26	47.99 3.36 0.00	39.00 2.71 0.00	31.32 2.23 0.00	30.07 2.11 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.56 3.13 0.00	42.08 2.81 0.00	39.03 2.33 0.00	34.34 2.01 0.00	32.20 1.83 0.00	38.16 2.09 0.00	40.81 2.25 0.00	44.64 3.05 0.00	45.17 3.53 0.00	48.29 4.10 0.00	47.01 4.42 0.00	60.23 5.57 0.00	61.59 5.96 0.00	78.39 7.30 0.00	58.58 5.74 0.00	54.89 5.01 -4.52	69.33 4.06 -27.52	83.45 3.37 -46.44	56.80 2.70 -23.13	45.47 2.32 -14.26	48.03 3.41 0.00	39.05 2.77 0.00	31.36 2.27 0.00	30.10 2.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.46 3.04 0.00	42.00 2.73 0.00	38.96 2.26 0.00	34.29 1.95 0.00	32.15 1.78 0.00	38.09 2.02 0.00	40.76 2.19 0.00	44.57 2.98 0.00	45.11 3.47 0.00	48.21 4.03 0.00	46.93 4.34 0.00	60.13 5.47 0.00	61.48 5.85 0.00	78.26 7.17 0.00	58.48 5.64 0.00	54.80 4.91 -4.52	69.27 4.00 -27.52	83.39 3.31 -46.44	56.73 2.64 -23.13	45.41 2.26 -14.26	47.94 3.32 0.00	38.96 2.68 0.00	31.29 2.21 0.00	30.04 2.08 0.00
FARRAGUT___LBMP 323566	46.42 3.00 0.00	41.97 2.69 0.00	38.93 2.23 0.00	34.26 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.05 3.40 0.00	48.15 3.97 0.00	46.88 4.29 0.00	60.05 5.39 0.00	61.40 5.77 0.00	78.13 7.04 0.00	58.40 5.55 0.00	54.74 4.85 -4.52	69.21 3.94 -27.52	83.34 3.26 -46.44	56.70 2.61 -23.13	45.37 2.22 -14.26	47.90 3.27 0.00	38.93 2.65 0.00	31.27 2.18 0.00	30.02 2.06 0.00
FENNER___WINDPWR 24204	44.97 1.50 -0.05	40.35 1.05 -0.02	37.61 0.88 -0.03	33.05 0.71 0.00	31.03 0.66 0.00	36.96 0.89 0.00	39.63 1.07 0.00	42.95 1.36 0.00	43.07 1.42 0.00	45.69 1.51 0.00	44.12 1.53 0.00	56.82 2.09 -0.06	58.84 2.22 -0.99	77.70 2.92 -3.69	60.54 2.07 -5.62	52.53 1.81 -5.36	39.22 1.46 -0.01	34.94 1.31 0.00	32.13 1.17 0.00	30.06 1.17 0.00	46.37 1.68 -0.06	37.62 1.34 0.00	30.11 1.02 0.00	28.83 0.86 0.00
FIBERTEK___ENERGY 23856	43.76 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.26 0.00	30.13 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.63 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.10 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.07 0.00
FITZPATRICK___ 23598	41.85 -0.89 0.68	37.95 -1.04 0.29	35.30 -1.07 0.33	31.36 -0.97 0.00	29.46 -0.91 0.00	35.05 -1.02 0.00	37.55 -1.01 0.00	40.67 -0.93 0.00	40.77 -0.87 0.00	43.28 -0.90 0.00	41.80 -0.80 0.00	52.92 -0.91 0.83	43.57 -0.99 11.07	36.90 -1.41 32.79	39.89 -1.20 11.76	38.46 -1.05 5.85	36.68 -0.94 0.12	32.85 -0.79 0.00	30.23 -0.74 0.00	28.30 -0.59 0.00	42.87 -0.93 0.83	35.56 -0.73 0.00	28.50 -0.60 0.00	27.34 -0.62 0.00
FLOWRFLD_69_KV_BK1 356044	46.60 3.18 0.00	42.23 2.95 0.00	39.47 2.77 0.00	34.71 2.37 0.00	32.54 2.16 0.00	38.49 2.42 0.00	41.24 2.68 0.00	45.12 3.52 0.00	45.42 3.77 0.00	48.65 4.46 0.00	51.56 5.16 -3.80	310.48 6.67 -249.14	347.44 7.11 -284.71	351.35 8.85 -271.40	364.38 6.75 -304.78	340.26 5.85 -289.05	290.21 4.83 -247.63	311.62 4.15 -273.83	429.12 3.55 -394.60	287.20 2.99 -255.33	70.72 3.73 -22.36	39.18 2.89 0.00	31.28 2.19 0.00	29.95 1.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.53 3.10 0.00	41.93 2.66 0.00	38.90 2.20 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.06 1.99 0.00	40.74 2.18 0.00	44.47 2.87 0.00	44.95 3.30 0.00	48.13 3.94 0.00	46.76 4.17 0.00	59.96 5.30 0.00	61.29 5.67 0.00	78.12 7.03 0.00	58.44 5.60 0.00	50.32 4.96 0.00	41.73 3.99 0.00	37.03 3.39 0.00	33.83 2.87 0.00	31.35 2.47 0.00	48.22 3.59 0.00	39.14 2.86 0.00	31.32 2.23 0.00	30.00 2.03 0.00
FORT ORANGE___ 23900	44.73 1.31 0.00	40.45 1.17 0.00	37.71 1.01 0.00	33.28 0.94 0.00	31.22 0.85 0.00	36.88 0.81 0.00	39.22 0.66 0.00	42.42 0.83 0.00	42.46 0.81 0.00	45.16 0.98 0.00	43.53 0.94 0.00	55.62 0.96 0.00	56.84 1.21 0.00	72.64 1.55 0.00	54.30 1.45 0.00	39.55 1.28 7.09	40.78 1.03 -2.00	34.55 0.91 0.00	31.69 0.72 0.00	29.48 0.59 0.00	45.59 0.96 0.00	37.03 0.75 0.00	29.75 0.66 0.00	28.79 0.82 0.00
FORT_DRUM_COGEN 23780	45.23 1.71 -0.10	40.47 1.15 -0.04	37.60 0.86 -0.05	33.03 0.70 0.00	31.03 0.65 0.00	36.99 0.92 0.00	39.70 1.14 0.00	42.84 1.24 0.00	42.95 1.30 0.00	45.22 1.03 0.00	43.68 1.09 0.00	55.99 1.21 -0.12	59.41 1.27 -2.51	86.02 2.31 -12.61	88.88 1.92 -34.11	81.50 1.52 -34.62	39.01 1.24 -0.02	35.11 1.48 0.00	32.42 1.45 0.00	30.42 1.54 0.00	46.03 1.29 -0.12	38.03 1.75 0.00	30.43 1.34 0.00	29.06 1.10 0.00
FOX_HILLS___ESR 323835	55.30 3.22 -8.65	46.59 2.80 -4.51	39.03 2.32 -0.01	34.32 1.99 0.00	32.19 1.82 0.00	38.20 2.13 0.00	40.87 2.31 0.00	44.70 3.11 0.00	45.23 3.59 0.00	48.41 4.14 -0.09	159.85 4.52 -112.73	91.02 5.79 -30.56	216.41 6.11 -154.66	125.96 7.32 -47.54	81.98 5.77 -23.36	82.94 5.07 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.64 2.58 -44.09	60.10 2.21 -29.00	71.69 3.18 -23.88	59.06 2.56 -20.22	31.26 2.17 0.00	30.02 2.06 0.00
FPL FAR_ROCK_GT1 24212	47.03 3.61 0.00	42.53 3.25 0.00	39.56 2.86 0.00	34.79 2.45 0.00	32.60 2.22 0.00	38.61 2.54 0.00	41.63 3.07 0.00	45.59 3.99 0.00	46.07 4.42 0.00	49.00 4.81 0.00	51.57 5.18 -3.80	77.21 6.39 -16.16	81.31 6.62 -19.07	159.64 8.22 -80.32	120.23 6.35 -61.03	124.46 5.58 -73.51	243.21 4.66 -200.80	133.06 3.90 -95.52	106.41 3.29 -72.15	52.83 2.82 -21.12	48.67 4.04 0.00	39.51 3.23 0.00	31.52 2.43 0.00	30.16 2.20 0.00

FPL FAR_ROCK_GT2 23815	47.03 3.61 0.00	42.53 3.25 0.00	39.56 2.86 0.00	34.79 2.45 0.00	32.60 2.22 0.00	38.61 2.54 0.00	41.63 3.07 0.00	45.59 4.00 0.00	46.07 4.42 0.00	49.00 4.81 0.00	51.57 5.18 -3.80	77.21 6.39 -16.16	81.31 6.62 -19.07	159.64 8.22 -80.32	120.23 6.35 -61.03	124.46 5.58 -73.51	243.21 4.66 -200.80	133.06 3.90 -95.52	106.41 3.29 -72.15	52.83 2.82 -21.12	48.67 4.04 0.00	39.51 3.23 0.00	31.52 2.43 0.00	30.16 2.20 0.00
FRANKLIN_FALL_HYD 24054	43.07 -0.35 0.00	39.03 -0.25 0.00	36.54 -0.16 0.00	32.36 0.03 0.00	30.36 -0.02 0.00	36.00 -0.07 0.00	38.58 0.01 0.00	41.44 -0.16 0.00	41.42 -0.23 0.00	43.54 -0.64 0.00	41.34 -1.25 0.00	52.77 -1.89 0.00	52.87 -2.15 0.61	63.54 -2.30 5.25	29.53 -1.77 21.54	21.28 -1.64 22.44	36.69 -1.06 0.00	32.76 -0.88 0.00	30.28 -0.68 0.00	28.50 -0.39 0.00	43.99 -0.64 0.00	35.85 -0.44 0.00	28.91 -0.18 0.00	27.87 -0.09 0.00
FREEPORT_EQUS_GT1 23764	46.63 3.20 0.00	42.32 3.04 0.00	39.41 2.71 0.00	34.65 2.32 0.00	32.48 2.11 0.00	38.45 2.38 0.00	41.16 2.60 0.00	45.08 3.48 0.00	45.53 3.88 0.00	48.53 4.34 0.00	51.02 4.63 -3.80	76.76 5.94 -16.16	81.08 6.39 -19.07	170.19 7.95 -91.14	125.61 6.16 -66.61	129.29 5.42 -78.51	243.97 4.52 -201.71	135.27 3.79 -97.83	106.31 3.19 -72.15	52.68 2.67 -21.12	48.07 3.44 0.00	39.13 2.85 0.00	31.34 2.25 0.00	30.01 2.05 0.00
FREEPORT___CT2 23818	46.63 3.20 0.00	42.32 3.04 0.00	39.41 2.71 0.00	34.65 2.32 0.00	32.48 2.11 0.00	38.45 2.38 0.00	41.16 2.60 0.00	45.08 3.48 0.00	45.53 3.88 0.00	48.53 4.34 0.00	51.02 4.63 -3.80	76.76 5.94 -16.16	81.08 6.39 -19.07	170.19 7.95 -91.14	125.61 6.16 -66.61	129.29 5.42 -78.51	243.97 4.52 -201.71	135.27 3.79 -97.83	106.31 3.19 -72.15	52.68 2.67 -21.12	48.07 3.44 0.00	39.13 2.85 0.00	31.34 2.25 0.00	30.01 2.05 0.00
FRESHKLS_33_KV_LOAD 356253	55.29 3.22 -8.65	46.57 2.78 -4.51	39.00 2.30 -0.01	34.30 1.96 0.00	32.16 1.79 0.00	38.21 2.14 0.00	40.90 2.34 0.00	44.75 3.15 0.00	45.26 3.61 0.00	48.42 4.15 -0.09	159.86 4.53 -112.73	91.10 5.88 -30.56	216.45 6.16 -154.66	126.10 7.46 -47.54	82.09 5.88 -23.36	83.03 5.16 -32.51	91.39 4.23 -49.41	105.43 3.46 -68.33	77.69 2.64 -44.09	60.13 2.25 -29.00	71.73 3.23 -23.88	59.06 2.56 -20.22	31.26 2.17 0.00	30.01 2.04 0.00
FULTON COGEN____ 23766	43.50 -0.14 -0.22	38.93 -0.44 -0.09	36.27 -0.54 -0.11	31.81 -0.53 0.00	29.88 -0.49 0.00	35.58 -0.49 0.00	38.18 -0.39 0.00	41.38 -0.22 0.00	41.48 -0.16 0.00	43.97 -0.21 0.00	42.53 -0.06 0.00	54.99 0.06 -0.27	59.43 0.08 -3.72	82.65 -0.08 -11.64	60.42 -0.23 -7.81	51.20 -0.21 -6.05	37.54 -0.26 -0.04	33.45 -0.18 0.00	30.80 -0.17 0.00	28.84 -0.05 0.00	44.74 -0.15 -0.27	36.18 -0.10 0.00	28.99 -0.11 0.00	27.79 -0.17 0.00
FULTON___LFGE 323630	49.21 5.79 0.00	44.08 4.80 0.00	41.00 4.30 0.00	36.01 3.68 0.00	33.85 3.48 0.00	40.39 4.31 0.00	43.18 4.62 0.00	45.95 4.36 0.00	45.41 3.76 0.00	48.31 4.13 0.00	45.16 2.57 0.00	58.33 3.67 0.00	58.51 2.89 0.00	74.20 3.11 0.00	55.80 2.96 0.00	49.70 4.34 0.00	43.28 5.53 0.00	39.00 5.37 0.00	35.98 5.02 0.00	33.66 4.78 0.00	51.68 7.06 0.00	41.87 5.59 0.00	33.34 4.24 0.00	31.79 3.83 0.00
G.F.CEMENT___DRP 24184	47.00 3.58 0.00	42.12 2.84 0.00	39.19 2.49 0.00	34.66 2.33 0.00	32.52 2.14 0.00	38.66 2.58 0.00	41.33 2.76 0.00	44.80 3.21 0.00	44.85 3.20 0.00	47.70 3.52 0.00	45.88 3.29 0.00	58.96 4.30 0.00	60.25 4.62 0.00	77.12 6.03 0.00	57.40 4.56 0.00	50.08 4.01 -0.71	45.55 3.46 -4.33	36.89 3.25 0.00	33.96 2.99 0.00	31.65 2.77 0.00	49.09 4.46 0.00	39.95 3.67 0.00	31.86 2.77 0.00	30.45 2.48 0.00
GARDENVILLE___LBMP 24039	45.11 1.69 0.00	39.30 0.03 0.00	36.26 -0.44 0.00	31.62 -0.72 0.00	29.80 -0.57 0.00	35.90 -0.17 0.00	38.96 0.40 0.00	42.64 1.05 0.00	42.98 1.33 0.00	45.41 1.23 0.00	43.97 1.38 0.00	56.97 2.30 0.00	56.91 1.28 0.00	71.60 0.51 0.00	51.77 -1.08 0.00	44.06 -1.31 0.00	36.26 -1.49 0.00	32.72 -0.91 0.00	30.37 -0.60 0.00	29.32 0.43 0.00	45.59 0.97 0.00	37.32 1.04 0.00	30.06 0.97 0.00	28.76 0.79 0.00
GARDNVLA_35_KV_LD 355827	45.36 1.93 0.00	39.50 0.22 0.00	36.42 -0.28 0.00	31.74 -0.59 0.00	29.92 -0.45 0.00	36.04 -0.03 0.00	39.13 0.57 0.00	42.84 1.24 0.00	43.19 1.54 0.00	45.64 1.46 0.00	44.20 1.60 0.00	57.30 2.64 0.00	57.23 1.60 0.00	72.01 0.92 0.00	52.08 -0.77 0.00	44.31 -1.05 0.00	36.45 -1.30 0.00	32.90 -0.74 0.00	30.54 -0.42 0.00	29.49 0.60 0.00	45.87 1.25 0.00	37.54 1.25 0.00	30.22 1.13 0.00	28.90 0.94 0.00
GELCKHM___115KV_LOAD 80723	43.52 0.02 -0.08	39.02 -0.30 -0.03	36.34 -0.39 -0.04	31.93 -0.41 0.00	29.99 -0.38 0.00	35.71 -0.36 0.00	38.31 -0.25 0.00	41.53 -0.06 0.00	41.68 0.03 0.00	44.29 0.11 0.00	42.86 0.27 0.00	55.26 0.50 -0.10	57.46 0.46 -1.37	76.08 0.42 -4.56	57.35 0.06 -4.45	49.29 0.04 -3.89	37.69 -0.07 -0.02	33.64 0.00 0.00	30.92 -0.04 0.00	28.96 0.07 0.00	44.79 0.07 -0.10	36.34 0.06 0.00	29.13 0.04 0.00	27.91 -0.05 0.00
GENERAL___MILLS 23808	45.22 1.80 0.00	39.39 0.11 0.00	36.33 -0.36 0.00	31.68 -0.65 0.00	29.86 -0.51 0.00	35.97 -0.10 0.00	39.04 0.48 0.00	42.73 1.14 0.00	43.09 1.44 0.00	45.52 1.34 0.00	44.08 1.48 0.00	57.13 2.47 0.00	57.06 1.43 0.00	71.80 0.71 0.00	51.92 -0.92 0.00	44.18 -1.18 0.00	36.35 -1.40 0.00	32.80 -0.83 0.00	30.46 -0.51 0.00	29.40 0.52 0.00	45.74 1.12 0.00	37.43 1.15 0.00	30.14 1.05 0.00	28.83 0.86 0.00
GE_PLASTICS___DRP 24183	44.41 0.99 0.00	40.26 0.98 0.00	37.55 0.85 0.00	33.13 0.80 0.00	31.11 0.73 0.00	36.84 0.77 0.00	39.34 0.77 0.00	42.54 0.95 0.00	42.60 0.96 0.00	45.30 1.11 0.00	43.53 0.93 0.00	55.48 0.82 0.00	56.64 1.01 0.00	72.30 1.21 0.00	54.01 1.16 0.00	-97.09 0.99 143.44	-1.62 0.78 40.15	34.29 0.65 0.00	31.45 0.49 0.00	29.25 0.37 0.00	45.24 0.62 0.00	36.80 0.51 0.00	29.56 0.47 0.00	28.54 0.58 0.00
GILBOA___1 23756	44.82 1.39 0.00	40.60 1.32 0.00	38.06 1.36 0.00	33.55 1.21 0.00	31.48 1.11 0.00	37.36 1.29 0.00	39.94 1.38 0.00	43.01 1.42 0.00	42.92 1.27 0.00	45.70 1.51 0.00	44.21 1.61 0.00	56.62 1.96 0.00	57.72 2.09 0.00	73.45 2.36 0.00	54.81 1.97 0.00	47.13 1.77 0.00	39.16 1.41 0.00	34.84 1.21 0.00	32.01 1.04 0.00	29.80 0.91 0.00	46.01 1.39 0.00	37.46 1.17 0.00	30.02 0.93 0.00	28.81 0.85 0.00
GILBOA___2 23757	44.82 1.39 0.00	40.60 1.32 0.00	38.06 1.36 0.00	33.55 1.21 0.00	31.48 1.11 0.00	37.36 1.29 0.00	39.94 1.38 0.00	43.01 1.42 0.00	42.92 1.27 0.00	45.70 1.51 0.00	44.21 1.61 0.00	56.62 1.96 0.00	57.72 2.09 0.00	73.45 2.36 0.00	54.81 1.97 0.00	47.13 1.77 0.00	39.16 1.41 0.00	34.84 1.21 0.00	32.01 1.04 0.00	29.80 0.91 0.00	46.01 1.39 0.00	37.46 1.17 0.00	30.02 0.93 0.00	28.81 0.85 0.00

GILBOA___3 23758	44.82 1.39 0.00	40.60 1.32 0.00	38.06 1.36 0.00	33.55 1.21 0.00	31.48 1.11 0.00	37.36 1.29 0.00	39.94 1.38 0.00	43.01 1.42 0.00	42.92 1.27 0.00	45.70 1.51 0.00	44.21 1.61 0.00	56.62 1.96 0.00	57.72 2.09 0.00	73.45 2.36 0.00	54.81 1.97 0.00	47.13 1.77 0.00	39.16 1.41 0.00	34.84 1.21 0.00	32.01 1.04 0.00	29.80 0.91 0.00	46.01 1.39 0.00	37.46 1.17 0.00	30.02 0.93 0.00	28.81 0.85 0.00
GILBOA___4 23759	44.82 1.39 0.00	40.60 1.32 0.00	38.06 1.36 0.00	33.55 1.21 0.00	31.48 1.11 0.00	37.36 1.29 0.00	39.94 1.38 0.00	43.01 1.42 0.00	42.92 1.27 0.00	45.70 1.51 0.00	44.21 1.61 0.00	56.62 1.96 0.00	57.72 2.09 0.00	73.45 2.36 0.00	54.81 1.97 0.00	47.13 1.77 0.00	39.16 1.41 0.00	34.84 1.21 0.00	32.01 1.04 0.00	29.80 0.91 0.00	46.01 1.39 0.00	37.46 1.17 0.00	30.02 0.93 0.00	28.81 0.85 0.00
GILBOA___ 23599	44.82 1.39 0.00	40.60 1.32 0.00	38.06 1.36 0.00	33.55 1.21 0.00	31.48 1.11 0.00	37.36 1.29 0.00	39.94 1.38 0.00	43.01 1.42 0.00	42.92 1.27 0.00	45.70 1.51 0.00	44.21 1.61 0.00	56.62 1.96 0.00	57.72 2.09 0.00	73.45 2.36 0.00	54.82 1.97 0.00	47.13 1.77 0.00	39.17 1.42 0.00	34.84 1.21 0.00	32.01 1.04 0.00	29.80 0.91 0.00	46.01 1.39 0.00	37.46 1.17 0.00	30.02 0.93 0.00	28.81 0.85 0.00
GINNA___ 23603	42.89 -0.53 0.00	37.94 -1.34 0.00	35.11 -1.59 0.00	30.76 -1.57 0.00	28.93 -1.44 0.00	34.64 -1.43 0.00	37.38 -1.18 0.00	40.73 -0.87 0.00	41.07 -0.58 0.00	43.66 -0.52 0.00	42.26 -0.33 0.00	54.55 -0.11 0.00	54.98 -0.65 0.00	69.64 -1.45 0.00	50.94 -1.90 0.00	43.50 -1.86 0.00	36.04 -1.71 0.00	32.32 -1.31 0.00	29.86 -1.10 0.00	28.35 -0.54 0.00	43.92 -0.70 0.00	35.83 -0.45 0.00	28.72 -0.37 0.00	27.46 -0.50 0.00
GLEN PARK___ 23778	45.53 2.01 -0.10	40.70 1.38 -0.04	37.81 1.06 -0.05	33.20 0.87 0.00	31.18 0.81 0.00	37.19 1.11 0.00	39.93 1.37 0.00	43.08 1.49 0.00	43.22 1.57 0.00	45.47 1.29 0.00	43.99 1.40 0.00	56.33 1.54 -0.12	59.80 1.62 -2.55	86.38 2.84 -12.45	87.71 2.34 -32.53	80.12 1.84 -32.92	39.28 1.51 -0.02	35.39 1.75 0.00	32.69 1.72 0.00	30.70 1.81 0.00	46.48 1.73 -0.12	38.38 2.10 0.00	30.67 1.58 0.00	29.28 1.31 0.00
GLENDALE_27_KV_LOAD 356172	46.76 3.34 0.00	42.23 2.95 0.00	39.18 2.48 0.00	34.47 2.13 0.00	32.34 1.97 0.00	38.31 2.24 0.00	41.01 2.44 0.00	44.88 3.29 0.00	45.47 3.83 0.00	48.59 4.41 0.00	47.32 4.72 0.00	60.60 5.94 0.00	61.89 6.27 0.00	78.59 7.50 0.00	58.78 5.93 0.00	55.11 5.23 -4.52	69.49 4.23 -27.51	82.47 3.43 -45.41	47.67 2.70 -14.00	39.06 2.33 -7.85	37.63 3.39 10.39	32.15 2.77 6.89	31.40 2.31 0.00	30.19 2.23 0.00
GLENWOOD_IC_1_G5 23712	46.72 3.30 0.00	42.31 3.04 0.00	39.38 2.69 0.00	34.63 2.30 0.00	32.47 2.09 0.00	38.42 2.36 0.00	41.15 2.58 0.00	45.04 3.45 0.00	45.54 3.90 0.00	48.30 4.12 0.00	51.05 4.67 -3.80	76.86 6.04 -16.16	81.19 6.50 -19.07	287.87 8.15 -208.62	186.27 6.26 -127.16	183.60 5.49 -132.74	253.80 4.52 -211.54	160.42 3.81 -122.98	106.31 3.19 -72.15	52.67 2.66 -21.12	48.07 3.44 0.00	38.96 2.67 0.00	31.16 2.07 0.00	30.04 2.08 0.00
GLENWOOD_IC_2_G1 23688	46.58 3.16 0.00	42.18 2.90 0.00	39.26 2.57 0.00	34.52 2.19 0.00	32.37 2.00 0.00	38.31 2.24 0.00	41.03 2.47 0.00	44.90 3.30 0.00	45.38 3.73 0.00	48.35 4.17 0.00	51.05 4.66 -3.80	76.82 6.00 -16.16	81.13 6.44 -19.07	461.99 8.06 -382.83	275.94 6.14 -216.95	263.93 5.40 -213.17	268.30 4.44 -226.11	197.65 3.74 -160.27	106.28 3.16 -72.15	52.66 2.65 -21.12	48.12 3.50 0.00	39.02 2.74 0.00	31.20 2.11 0.00	29.95 1.98 0.00
GLENWOOD_IC_3_G1 23689	46.58 3.16 0.00	42.18 2.90 0.00	39.26 2.57 0.00	34.52 2.19 0.00	32.37 2.00 0.00	38.31 2.24 0.00	41.03 2.47 0.00	44.90 3.30 0.00	45.38 3.73 0.00	48.35 4.17 0.00	51.05 4.66 -3.80	76.82 6.00 -16.16	81.13 6.44 -19.07	461.99 8.06 -382.83	275.94 6.14 -216.95	263.93 5.40 -213.17	268.30 4.44 -226.11	197.65 3.74 -160.27	106.28 3.16 -72.15	52.66 2.65 -21.12	48.12 3.50 0.00	39.02 2.74 0.00	31.20 2.11 0.00	29.95 1.98 0.00
GLENWOOD___4 23550	46.72 3.30 0.00	42.31 3.04 0.00	39.38 2.69 0.00	34.63 2.30 0.00	32.47 2.09 0.00	38.42 2.36 0.00	41.15 2.58 0.00	45.04 3.45 0.00	45.55 3.90 0.00	48.41 4.23 0.00	51.15 4.77 -3.80	76.98 6.16 -16.16	81.33 6.64 -19.07	288.06 8.35 -208.62	186.38 6.37 -127.16	183.70 5.60 -132.74	253.90 4.61 -211.54	160.50 3.88 -122.98	106.37 3.26 -72.15	52.74 2.73 -21.12	48.18 3.56 0.00	39.05 2.77 0.00	31.22 2.13 0.00	30.04 2.08 0.00
GLENWOOD___5 23614	46.72 3.30 0.00	42.31 3.04 0.00	39.38 2.69 0.00	34.63 2.30 0.00	32.47 2.09 0.00	38.42 2.36 0.00	41.15 2.58 0.00	45.04 3.45 0.00	45.55 3.90 0.00	48.41 4.23 0.00	51.15 4.77 -3.80	76.98 6.16 -16.16	81.33 6.64 -19.07	288.06 8.35 -208.62	186.38 6.37 -127.16	183.70 5.60 -132.74	253.90 4.61 -211.54	160.50 3.88 -122.98	106.37 3.26 -72.15	52.74 2.73 -21.12	48.18 3.56 0.00	39.05 2.77 0.00	31.22 2.13 0.00	30.04 2.08 0.00
GLOBAL GREEN_PORT_GT1 23814	46.96 3.54 0.00	42.45 3.17 0.00	40.09 3.39 0.00	35.49 3.16 0.00	33.46 3.08 0.00	39.87 3.80 0.00	42.80 4.24 0.00	47.04 5.44 0.00	47.59 5.94 0.00	50.21 6.03 0.00	53.11 6.72 -3.80	215.07 8.85 -151.56	238.27 9.19 -173.45	242.08 11.17 -159.81	207.83 7.67 -147.31	226.11 6.90 -173.84	262.40 5.64 -219.01	257.02 4.78 -218.61	274.70 4.07 -239.66	191.94 3.40 -159.65	57.48 4.25 -8.60	39.39 3.11 0.00	31.26 2.17 0.00	29.50 1.54 0.00
GLOBE___DSASP 323697	43.90 0.48 0.00	38.20 -1.07 0.00	35.18 -1.52 0.00	30.70 -1.64 0.00	28.96 -1.41 0.00	34.86 -1.21 0.00	37.85 -0.71 0.00	41.33 -0.27 0.00	41.47 -0.17 0.00	43.65 -0.53 0.00	42.17 -0.42 0.00	54.48 -0.18 0.00	54.24 -1.39 0.00	67.98 -3.11 0.00	49.07 -3.77 0.00	41.70 -3.66 0.00	34.44 -3.31 0.00	31.11 -2.52 0.00	28.96 -2.00 0.00	28.09 -0.79 0.00	43.71 -0.92 0.00	35.97 -0.31 0.00	29.12 0.03 0.00	27.92 -0.05 0.00
GOETHSLN___LBMP 323567	46.22 2.80 0.00	41.83 2.55 0.00	38.79 2.09 0.00	34.14 1.81 0.00	32.02 1.64 0.00	37.92 1.84 0.00	40.52 1.96 0.00	44.29 2.69 0.00	44.82 3.17 0.00	47.89 3.71 0.00	46.00 4.02 0.61	59.73 5.07 0.00	61.11 5.48 0.00	77.79 6.69 0.00	55.90 5.26 2.20	50.38 4.59 -0.43	50.74 3.75 -9.24	83.17 3.10 -46.44	56.57 2.48 -23.13	45.33 2.19 -14.26	47.88 3.26 0.00	38.92 2.64 0.00	31.25 2.16 0.00	29.97 2.01 0.00
GOLAH___69_KV_TB 1_2 80279	45.55 2.13 0.00	39.94 0.66 0.00	36.81 0.11 0.00	32.20 -0.13 0.00	30.31 -0.07 0.00	36.35 0.28 0.00	39.30 0.74 0.00	42.96 1.36 0.00	43.23 1.58 0.00	45.94 1.76 0.00	44.46 1.87 0.00	57.42 2.76 0.00	57.61 1.98 0.00	72.82 1.72 0.00	53.03 0.19 0.00	45.23 -0.13 0.00	37.42 -0.33 0.00	33.65 0.01 0.00	31.12 0.16 0.00	29.72 0.84 0.00	46.11 1.49 0.00	37.69 1.40 0.00	30.25 1.16 0.00	28.92 0.96 0.00

GOODYEAR_LAKE_HYD 323669	45.76 2.33 0.00	41.16 1.89 0.00	38.39 1.69 0.00	33.74 1.41 0.00	31.68 1.31 0.00	37.71 1.64 0.00	40.50 1.94 0.00	43.87 2.28 0.00	44.02 2.37 0.00	46.76 2.57 0.00	45.19 2.59 0.00	58.15 3.49 0.00	59.17 3.54 0.00	75.53 4.44 0.00	56.10 3.26 0.00	48.19 2.83 0.00	39.96 2.21 0.00	35.63 1.99 0.00	32.80 1.83 0.00	30.62 1.73 0.00	47.21 2.59 0.00	38.34 2.06 0.00	30.69 1.59 0.00	29.38 1.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.65 1.18 -0.05	39.84 0.54 -0.02	37.15 0.43 -0.02	32.59 0.26 0.00	30.61 0.24 0.00	36.54 0.47 0.00	39.28 0.71 0.00	42.71 1.11 0.00	42.85 1.20 0.00	45.43 1.25 0.00	44.03 1.44 0.00	56.79 2.07 -0.06	58.37 1.99 -0.75	75.70 2.39 -2.21	55.03 1.39 -0.79	46.97 1.21 -0.40	38.38 0.62 -0.01	34.39 0.75 0.00	31.62 0.65 0.00	29.69 0.80 0.00	45.87 1.19 -0.06	37.21 0.93 0.00	29.86 0.77 0.00	28.57 0.61 0.00
GOUDEY___7 23579	44.69 1.22 -0.05	39.88 0.58 -0.02	37.19 0.47 -0.02	32.63 0.29 0.00	30.64 0.27 0.00	36.57 0.50 0.00	39.32 0.75 0.00	42.76 1.16 0.00	42.90 1.25 0.00	45.49 1.30 0.00	44.08 1.49 0.00	56.86 2.14 -0.06	58.44 2.07 -0.75	75.80 2.49 -2.21	55.11 1.47 -0.79	47.04 1.28 -0.40	38.44 0.68 -0.01	34.42 0.79 0.00	31.66 0.69 0.00	29.73 0.84 0.00	45.92 1.25 -0.06	37.26 0.97 0.00	29.90 0.81 0.00	28.60 0.63 0.00
GOUDEY___8 23580	44.65 1.18 -0.05	39.84 0.54 -0.02	37.15 0.43 -0.02	32.59 0.26 0.00	30.61 0.24 0.00	36.54 0.47 0.00	39.28 0.71 0.00	42.71 1.11 0.00	42.85 1.20 0.00	45.43 1.25 0.00	44.03 1.44 0.00	56.79 2.07 -0.06	58.37 1.99 -0.75	75.70 2.39 -2.21	55.03 1.39 -0.79	46.97 1.21 -0.40	38.38 0.62 -0.01	34.39 0.75 0.00	31.62 0.65 0.00	29.69 0.80 0.00	45.87 1.19 -0.06	37.21 0.93 0.00	29.86 0.77 0.00	28.57 0.61 0.00
GOWANUS_GT1_1 24077	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_2 24078	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_3 24079	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_4 24080	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_5 24084	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_6 24111	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_7 24112	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT1_8 24113	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_1 24114	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_2 24115	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_3 24116	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00

GOWANUS_GT2_4 24117	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_5 24118	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_6 24119	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_7 24120	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT2_8 24121	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.99 5.12 -32.51	91.28 4.12 -49.41	105.32 3.36 -68.33	77.65 2.60 -44.09	60.13 2.24 -29.00	71.77 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT3_1 24122	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT3_2 24123	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00

GOWANUS_GT4_3 24132	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.97 5.10 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.66 2.61 -44.09	60.13 2.24 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT4_4 24133	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.97 5.10 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.66 2.61 -44.09	60.13 2.24 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT4_5 24134	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.97 5.10 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.66 2.61 -44.09	60.13 2.24 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT4_6 24135	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.97 5.10 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.66 2.61 -44.09	60.13 2.24 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT4_7 24136	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.97 5.10 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.66 2.61 -44.09	60.13 2.24 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GOWANUS_GT4_8 24137	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.01 5.80 -23.36	82.97 5.10 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.66 2.61 -44.09	60.13 2.24 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GREENBSH_115KV_TB3 55895	44.36 0.94 0.00	40.14 0.86 0.00	37.42 0.73 0.00	33.04 0.70 0.00	31.01 0.63 0.00	36.70 0.63 0.00	39.15 0.59 0.00	42.36 0.76 0.00	42.45 0.80 0.00	45.19 1.00 0.00	43.58 0.99 0.00	55.70 1.04 0.00	56.92 1.30 0.00	72.69 1.59 0.00	54.30 1.46 0.00	47.38 1.27 -0.75	43.34 1.03 -4.55	34.51 0.88 0.00	31.65 0.68 0.00	29.43 0.54 0.00	45.50 0.88 0.00	36.98 0.70 0.00	29.68 0.59 0.00	28.58 0.61 0.00
GREENIDGE_115KV_TB5 80291	44.98 1.52 -0.04	39.80 0.51 -0.02	36.99 0.28 -0.02	32.65 0.31 0.00	30.67 0.30 0.00	36.75 0.68 0.00	39.38 0.82 0.00	42.94 1.35 0.00	43.20 1.55 0.00	45.75 1.56 0.00	44.45 1.86 0.00	57.40 2.70 -0.05	58.56 2.32 -0.61	75.38 2.48 -1.81	54.47 0.97 -0.65	46.42 0.74 -0.32	38.12 0.36 -0.01	34.27 0.63 0.00	31.83 0.86 0.00	30.11 1.23 0.00	46.43 1.76 -0.05	37.76 1.48 0.00	30.36 1.27 0.00	28.97 1.00 0.00
GREENIDGE___3 23582	44.98 1.52 -0.04	39.80 0.51 -0.02	36.99 0.28 -0.02	32.65 0.31 0.00	30.67 0.30 0.00	36.75 0.68 0.00	39.38 0.82 0.00	42.94 1.35 0.00	43.20 1.55 0.00	45.75 1.56 0.00	44.45 1.86 0.00	57.40 2.70 -0.05	58.56 2.32 -0.61	75.38 2.48 -1.81	54.47 0.97 -0.65	46.42 0.74 -0.32	38.12 0.36 -0.01	34.27 0.63 0.00	31.83 0.86 0.00	30.11 1.23 0.00	46.43 1.76 -0.05	37.76 1.48 0.00	30.36 1.27 0.00	28.97 1.00 0.00
GREENIDGE___4 23583	44.98 1.51 -0.04	39.80 0.50 -0.02	36.99 0.28 0.00	32.65 0.31 0.00	30.68 0.30 0.00	36.74 0.67 0.00	39.38 0.82 0.00	42.94 1.35 0.00	43.20 1.55 0.00	45.74 1.56 0.00	44.45 1.86 0.00	57.40 2.70 -0.05	58.55 2.32 -0.61	75.38 2.48 -1.81	54.47 0.97 -0.65	46.42 0.74 -0.32	38.13 0.37 -0.01	34.28 0.65 0.00	31.84 0.87 0.00	30.11 1.23 0.00	46.41 1.74 -0.05	37.74 1.46 0.00	30.36 1.27 0.00	28.97 1.00 0.00
GREENLWN_69_KV_BK 3 55738	45.79 2.36 0.00	41.67 2.39 0.00	39.00 2.30 0.00	34.26 1.92 0.00	32.11 1.73 0.00	37.93 1.86 0.00	40.60 2.04 0.00	44.38 2.78 0.00	44.73 3.08 0.00	47.70 3.51 0.00	50.50 4.12 -3.80	13.86 5.36 46.16	9.47 5.83 51.99	43.18 7.30 35.20	-9.17 5.74 67.75	26.19 4.98 24.15	219.70 4.13 -177.83	88.10 3.48 -50.99	2.43 2.89 31.43	-10.95 2.37 42.20	38.21 2.92 9.32	38.49 2.20 0.00	30.74 1.64 0.00	29.44 1.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
GRISSOM___SOLAR 323813	49.21 5.79 0.00	44.08 4.80 0.00	41.00 4.30 0.00	36.01 3.68 0.00	33.85 3.48 0.00	40.39 4.31 0.00	43.18 4.62 0.00	45.95 4.36 0.00	45.41 3.76 0.00	48.31 4.13 0.00	45.16 2.57 0.00	58.33 3.67 0.00	58.51 2.89 0.00	74.20 3.11 0.00	55.80 2.96 0.00	49.70 4.34 0.00	43.28 5.53 0.00	39.00 5.37 0.00	35.98 5.02 0.00	33.66 4.78 0.00	51.68 7.06 0.00	41.87 5.59 0.00	33.34 4.24 0.00	31.79 3.83 0.00
GROVEVILLE___HYD 323602	46.53 3.10 0.00	41.93 2.66 0.00	38.90 2.20 0.00	34.25 1.91 0.00	32.11 1.74 0.00	38.06 1.99 0.00	40.74 2.18 0.00	44.47 2.87 0.00	44.95 3.30 0.00	48.13 3.94 0.00	46.76 4.17 0.00	59.96 5.30 0.00	61.29 5.67 0.00	78.12 7.03 0.00	58.44 5.60 0.00	50.32 4.96 0.00	41.73 3.99 0.00	37.03 3.39 0.00	33.83 2.87 0.00	31.35 2.47 0.00	48.22 3.59 0.00	39.14 2.86 0.00	31.32 2.23 0.00	30.00 2.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.76 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.26 0.00	30.13 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.63 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.10 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.07 0.00

HAMLTNNY_34_KV_TB 80303	44.12 0.57 -0.13	39.48 0.15 -0.05	36.78 0.02 -0.06	32.29 -0.05 0.00	30.33 -0.05 0.00	36.16 0.09 0.00	38.76 0.20 0.00	42.06 0.47 0.00	42.25 0.60 0.00	44.89 0.71 0.00	43.44 0.85 0.00	56.16 1.35 -0.15	59.02 1.29 -2.11	79.23 1.49 -6.65	58.19 0.67 -4.67	49.62 0.56 -3.69	38.08 0.31 -0.02	34.00 0.36 0.00	31.29 0.32 0.00	29.37 0.48 0.00	45.49 0.72 -0.15	36.84 0.56 0.00	29.51 0.42 0.00	28.26 0.29 0.00
HAMPSHIRE___PAPER_HYD 323593	43.99 0.53 -0.04	39.51 0.22 -0.02	36.67 -0.05 -0.02	32.20 -0.14 0.00	30.24 -0.13 0.00	35.92 -0.15 0.00	38.53 -0.03 0.00	41.47 -0.13 0.00	41.39 -0.26 0.00	43.58 -0.60 0.00	42.00 -0.59 0.00	53.95 -0.76 -0.05	57.78 -0.81 -2.96	92.48 -0.31 -21.70	134.33 -0.19 -81.68	129.89 -0.18 -84.71	37.68 -0.08 -0.01	33.76 0.12 0.00	31.18 0.22 0.00	29.21 0.33 0.00	44.49 -0.19 -0.05	36.53 0.25 0.00	29.35 0.26 0.00	28.12 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	44.58 1.16 0.00	40.24 0.96 0.00	37.50 0.80 0.00	33.04 0.70 0.00	31.00 0.62 0.00	36.81 0.74 0.00	39.27 0.71 0.00	42.39 0.79 0.00	42.37 0.72 0.00	45.17 0.99 0.00	43.42 0.83 0.00	55.48 0.82 0.00	56.88 1.18 -0.07	73.12 1.42 -0.61	56.78 1.41 -2.52	49.68 1.70 -2.63	39.14 1.39 0.00	34.85 1.22 0.00	32.13 1.16 0.00	29.89 1.01 0.00	46.26 1.63 0.00	37.48 1.19 0.00	30.02 0.93 0.00	28.70 0.74 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.16 2.74 0.00	41.60 2.32 0.00	38.56 1.87 0.00	33.94 1.60 0.00	31.83 1.46 0.00	37.73 1.66 0.00	40.37 1.80 0.00	44.09 2.49 0.00	44.60 2.95 0.00	47.72 3.53 0.00	46.44 3.85 0.00	59.56 4.89 0.00	60.82 5.19 0.00	77.70 6.60 0.00	58.08 5.24 0.00	44.81 4.47 5.02	10.70 3.53 30.57	-19.11 3.04 55.79	5.76 2.58 27.78	13.92 2.17 17.13	47.81 3.19 0.00	38.80 2.52 0.00	31.07 1.98 0.00	29.76 1.80 0.00
HARSNRAD_115KV_TB1 81005	44.26 0.84 0.00	38.49 -0.78 0.00	35.45 -1.25 0.00	30.92 -1.42 0.00	29.16 -1.21 0.00	35.12 -0.95 0.00	38.14 -0.42 0.00	41.68 0.09 0.00	42.03 0.38 0.00	44.38 0.20 0.00	42.88 0.29 0.00	55.56 0.90 0.00	55.42 -0.21 0.00	69.55 -1.54 0.00	50.21 -2.64 0.00	42.64 -2.72 0.00	35.18 -2.57 0.00	31.78 -1.85 0.00	29.55 -1.41 0.00	28.62 -0.27 0.00	44.59 -0.03 0.00	36.58 0.30 0.00	29.49 0.40 0.00	28.25 0.28 0.00
HARZA MOOSE___RIVER 24016	45.00 1.55 -0.03	40.43 1.14 -0.02	37.64 0.93 -0.02	33.10 0.77 0.00	31.08 0.71 0.00	37.00 0.93 0.00	39.68 1.12 0.00	42.88 1.28 0.00	42.98 1.33 0.00	45.47 1.29 0.00	43.81 1.22 0.00	56.24 1.54 -0.04	58.45 1.62 -1.20	80.77 2.52 -7.16	77.92 1.96 -23.11	70.79 1.68 -23.75	39.17 1.41 -0.01	35.06 1.42 0.00	32.30 1.33 0.00	30.16 1.28 0.00	46.06 1.39 -0.04	37.78 1.50 0.00	30.23 1.14 0.00	28.91 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.65 0.17 -0.07	39.12 -0.19 -0.03	36.42 -0.31 -0.03	32.00 -0.34 0.00	30.06 -0.31 0.00	35.81 -0.27 0.00	38.42 -0.14 0.00	41.67 0.08 0.00	41.82 0.17 0.00	44.44 0.25 0.00	43.03 0.44 0.00	55.46 0.72 -0.08	57.47 0.68 -1.16	75.73 0.70 -3.93	57.41 0.29 -4.28	49.43 0.23 -3.84	37.82 0.06 -0.01	33.76 0.13 0.00	31.02 0.05 0.00	29.05 0.17 0.00	44.92 0.22 -0.08	36.47 0.19 0.00	29.22 0.13 0.00	27.99 0.03 0.00
HELLGATE_13_KV_LD 55870	46.44 3.02 0.00	41.97 2.69 0.00	38.93 2.24 0.00	34.26 1.92 0.00	32.15 1.78 0.00	38.07 2.00 0.00	40.74 2.17 0.00	44.56 2.97 0.00	45.12 3.47 0.00	48.20 4.01 0.00	46.92 4.33 0.00	60.11 5.45 0.00	61.41 5.78 0.00	77.97 6.88 0.00	58.31 5.46 0.00	54.71 4.83 -4.52	69.17 3.91 -27.51	82.55 3.15 -45.76	50.60 2.45 -17.19	41.07 2.10 -10.09	40.89 3.03 6.76	34.26 2.47 4.49	31.17 2.08 0.00	29.98 2.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.44 3.02 0.00	41.97 2.69 0.00	38.93 2.24 0.00	34.26 1.92 0.00	32.15 1.78 0.00	38.07 2.00 0.00	40.74 2.17 0.00	44.56 2.97 0.00	45.12 3.47 0.00	48.20 4.01 0.00	46.92 4.33 0.00	60.11 5.45 0.00	61.41 5.78 0.00	77.97 6.88 0.00	58.31 5.46 0.00	54.71 4.83 -4.52	69.17 3.91 -27.51	82.55 3.15 -45.76	50.60 2.45 -17.19	41.07 2.10 -10.09	40.89 3.03 6.76	34.26 2.47 4.49	31.17 2.08 0.00	29.98 2.02 0.00
HEMPSTEAD____ 23647	46.35 2.93 0.00	42.03 2.75 0.00	39.14 2.44 0.00	34.42 2.08 0.00	32.28 1.90 0.00	38.19 2.13 0.00	40.89 2.32 0.00	44.75 3.16 0.00	45.24 3.60 0.00	48.18 4.00 0.00	50.86 4.47 -3.80	76.59 5.77 -16.16	80.91 6.21 -19.07	209.28 7.73 -130.45	145.69 5.98 -86.87	147.27 5.25 -96.66	247.09 4.34 -204.99	143.53 3.64 -106.25	106.16 3.04 -72.15	52.54 2.53 -21.12	47.88 3.26 0.00	38.85 2.57 0.00	31.07 1.98 0.00	29.82 1.86 0.00
HEWLETT_69_KV_BK3 55828	46.86 3.43 0.00	42.40 3.12 0.00	39.44 2.74 0.00	34.68 2.35 0.00	32.52 2.14 0.00	38.50 2.43 0.00	41.36 2.80 0.00	45.28 3.68 0.00	45.73 4.08 0.00	48.69 4.51 0.00	51.36 4.97 -3.80	77.01 6.19 -16.16	81.21 6.52 -19.07	159.50 8.09 -80.32	120.14 6.27 -61.03	124.38 5.51 -73.51	243.13 4.58 -200.80	133.00 3.84 -95.51	106.36 3.25 -72.15	52.77 2.76 -21.12	48.44 3.82 0.00	39.30 3.02 0.00	31.39 2.30 0.00	30.05 2.09 0.00
HICKLING___1 23621	45.15 1.69 -0.04	39.86 0.56 -0.02	37.14 0.42 -0.02	32.49 0.16 0.00	30.55 0.17 0.00	36.62 0.55 0.00	39.51 0.95 0.00	43.17 1.57 0.00	43.38 1.73 0.00	45.96 1.78 0.00	44.68 2.09 0.00	57.74 3.03 -0.05	58.91 2.66 -0.62	76.02 3.09 -1.83	54.96 1.45 -0.66	46.90 1.22 -0.33	38.22 0.47 -0.01	34.36 0.73 0.00	31.61 0.64 0.00	29.92 1.04 0.00	46.28 1.61 -0.05	37.54 1.26 0.00	30.19 1.10 0.00	28.81 0.84 0.00
HICKLING___2 23622	45.15 1.69 -0.04	39.86 0.56 -0.02	37.14 0.42 -0.02	32.49 0.16 0.00	30.55 0.17 0.00	36.62 0.55 0.00	39.51 0.95 0.00	43.17 1.57 0.00	43.38 1.73 0.00	45.96 1.78 0.00	44.68 2.09 0.00	57.74 3.03 -0.05	58.91 2.66 -0.62	76.02 3.09 -1.83	54.96 1.45 -0.66	46.90 1.22 -0.33	38.22 0.47 -0.01	34.36 0.73 0.00	31.61 0.64 0.00	29.92 1.04 0.00	46.28 1.61 -0.05	37.54 1.26 0.00	30.19 1.10 0.00	28.81 0.84 0.00
HIGH FALLS___HY 23754	46.25 2.83 0.00	41.65 2.38 0.00	38.64 1.94 0.00	33.98 1.64 0.00	31.85 1.47 0.00	37.75 1.68 0.00	40.48 1.91 0.00	44.27 2.67 0.00	44.79 3.15 0.00	47.99 3.80 0.00	46.83 4.23 0.00	60.20 5.54 0.00	61.50 5.87 0.00	77.70 6.60 0.00	58.09 5.25 0.00	40.01 4.91 10.26	38.58 3.99 3.17	36.97 3.33 0.00	33.82 2.86 0.00	31.32 2.43 0.00	48.14 3.52 0.00	39.24 2.96 0.00	31.33 2.24 0.00	29.89 1.93 0.00
HIGH_RIVER___SOLAR 323847	45.64 2.22 0.00	41.15 1.87 0.00	38.36 1.66 0.00	33.78 1.45 0.00	31.71 1.34 0.00	37.69 1.62 0.00	40.30 1.73 0.00	43.41 1.81 0.00	43.21 1.56 0.00	45.95 1.76 0.00	43.98 1.39 0.00	56.12 1.46 0.00	57.15 1.52 0.00	73.02 1.93 0.00	54.51 1.67 0.00	47.16 1.80 0.00	39.78 2.03 0.00	35.57 1.94 0.00	32.79 1.82 0.00	30.58 1.69 0.00	47.22 2.59 0.00	38.36 2.08 0.00	30.70 1.61 0.00	29.41 1.45 0.00

HILLBURN___GT 23639	45.93 2.51 0.00	41.43 2.15 0.00	38.40 1.70 0.00	33.80 1.47 0.00	31.71 1.34 0.00	37.56 1.48 0.00	40.17 1.61 0.00	43.92 2.32 0.00	44.44 2.79 0.00	47.55 3.37 0.00	46.25 3.66 0.00	59.38 4.72 0.00	60.72 5.09 0.00	77.39 6.29 0.00	57.74 4.89 0.00	43.68 4.19 5.86	5.39 3.32 35.68	-28.28 2.82 64.73	1.09 2.36 32.23	10.99 1.99 19.88	47.53 2.91 0.00	38.60 2.32 0.00	30.93 1.84 0.00	29.64 1.68 0.00
HILLSIDE_115KV_TB1 80332	44.33 0.87 -0.04	39.22 -0.08 -0.02	36.60 -0.12 -0.02	32.02 -0.31 0.00	30.10 -0.28 0.00	36.06 -0.01 0.00	38.87 0.30 0.00	42.45 0.85 0.00	42.64 0.99 0.00	45.15 0.96 0.00	43.87 1.28 0.00	56.66 1.95 -0.05	57.96 1.68 -0.64	75.00 2.01 -1.90	54.23 0.70 -0.68	46.31 0.61 -0.34	37.70 -0.05 -0.01	33.91 0.28 0.00	31.17 0.21 0.00	29.44 0.55 0.00	45.46 0.79 -0.05	36.86 0.57 0.00	29.64 0.55 0.00	28.29 0.32 0.00
HISHELDN_WT_PWR 323625	44.93 1.51 0.00	39.26 -0.01 0.00	36.29 -0.41 0.00	31.68 -0.66 0.00	29.83 -0.54 0.00	35.91 -0.16 0.00	38.88 0.32 0.00	42.55 0.96 0.00	42.86 1.21 0.00	45.33 1.14 0.00	43.93 1.33 0.00	56.79 2.13 0.00	56.82 1.18 0.00	71.63 0.53 0.00	51.91 -0.93 0.00	44.26 -1.10 0.00	36.46 -1.29 0.00	32.87 -0.76 0.00	30.46 -0.51 0.00	29.29 0.41 0.00	45.50 0.88 0.00	37.19 0.91 0.00	29.99 0.90 0.00	28.68 0.72 0.00
HOLTSVILLE_IC_1 23690	46.11 2.69 0.00	41.83 2.56 0.00	39.12 2.42 0.00	34.43 2.09 0.00	32.29 1.92 0.00	38.18 2.11 0.00	40.89 2.33 0.00	44.73 3.14 0.00	45.14 3.49 0.00	48.26 4.08 0.00	51.09 4.69 -3.80	203.09 6.00 -142.42	225.01 6.36 -163.03	228.00 7.88 -149.03	190.96 5.97 -132.15	214.19 5.24 -163.59	258.33 4.28 -216.30	252.01 3.68 -214.70	259.77 3.14 -225.67	183.06 2.59 -151.58	55.06 3.19 -7.25	38.78 2.49 0.00	30.98 1.89 0.00	29.59 1.63 0.00
HOLTSVILLE_IC_10 23699	46.49 3.07 0.00	42.13 2.85 0.00	39.39 2.69 0.00	34.65 2.31 0.00	32.49 2.11 0.00	38.43 2.36 0.00	41.17 2.61 0.00	45.06 3.46 0.00	45.48 3.84 0.00	48.69 4.51 0.00	51.56 5.17 -3.80	240.78 6.54 -179.58	267.87 6.85 -205.40	272.46 8.47 -192.89	252.18 6.43 -192.91	254.96 5.57 -204.02	269.45 4.58 -227.12	267.23 3.95 -229.65	315.62 3.40 -281.26	215.09 2.91 -183.30	60.90 3.64 -12.64	39.12 2.83 0.00	31.27 2.17 0.00	29.86 1.90 0.00
HOLTSVILLE_IC_2 23691	46.11 2.69 0.00	41.83 2.56 0.00	39.12 2.42 0.00	34.43 2.09 0.00	32.29 1.92 0.00	38.18 2.11 0.00	40.89 2.33 0.00	44.73 3.14 0.00	45.14 3.49 0.00	48.26 4.08 0.00	51.09 4.69 -3.80	203.09 6.00 -142.42	225.01 6.36 -163.03	228.00 7.88 -149.03	190.96 5.97 -132.15	214.19 5.24 -163.59	258.33 4.28 -216.30	252.01 3.68 -214.70	259.77 3.14 -225.67	183.06 2.59 -151.58	55.06 3.19 -7.25	38.78 2.49 0.00	30.98 1.89 0.00	29.59 1.63 0.00
HOLTSVILLE_IC_3 23692	46.11 2.69 0.00	41.83 2.56 0.00	39.12 2.42 0.00	34.43 2.09 0.00	32.29 1.92 0.00	38.18 2.11 0.00	40.89 2.33 0.00	44.73 3.14 0.00	45.14 3.49 0.00	48.26 4.08 0.00	51.09 4.69 -3.80	203.09 6.00 -142.42	225.01 6.36 -163.03	228.00 7.88 -149.03	190.96 5.97 -132.15	214.19 5.24 -163.59	258.33 4.28 -216.30	252.01 3.68 -214.70	259.77 3.14 -225.67	183.06 2.59 -151.58	55.06 3.19 -7.25	38.78 2.49 0.00	30.98 1.89 0.00	29.59 1.63 0.00
HOLTSVILLE_IC_4 23693	46.11 2.69 0.00	41.83 2.56 0.00	39.12 2.42 0.00	34.43 2.09 0.00	32.29 1.92 0.00	38.18 2.11 0.00	40.89 2.33 0.00	44.73 3.14 0.00	45.14 3.49 0.00	48.26 4.08 0.00	51.09 4.69 -3.80	203.09 6.00 -142.42	225.01 6.36 -163.03	228.00 7.88 -149.03	190.96 5.97 -132.15	214.19 5.24 -163.59	258.33 4.28 -216.30	252.01 3.68 -214.70	259.77 3.14 -225.67	183.06 2.59 -151.58	55.06 3.19 -7.25	38.78 2.49 0.00	30.98 1.89 0.00	29.59 1.63 0.00
HOLTSVILLE_IC_5 23694	46.11 2.69 0.00	41.83 2.56 0.00	39.12 2.42 0.00	34.43 2.09 0.00	32.29 1.92 0.00	38.18 2.11 0.00	40.89 2.33 0.00	44.73 3.14 0.00	45.14 3.49 0.00	48.26 4.08 0.00	51.09 4.69 -3.80	203.09 6.00 -142.42	225.01 6.36 -163.03	228.00 7.88 -149.03	190.96 5.97 -132.15	214.19 5.24 -163.59	258.33 4.28 -216.30	252.01 3.68 -214.70	259.77 3.14 -225.67	183.06 2.59 -151.58	55.06 3.19 -7.25	38.78 2.49 0.00	30.98 1.89 0.00	29.59 1.63 0.00
HOLTSVILLE_IC_6 23695	46.49 3.07 0.00	42.13 2.85 0.00	39.39 2.69 0.00	34.65 2.31 0.00	32.49 2.11 0.00	38.43 2.36 0.00	41.17 2.61 0.00	45.06 3.46 0.00	45.48 3.84 0.00	48.69 4.51 0.00	51.56 5.17 -3.80	240.78 6.54 -179.58	267.87 6.85 -205.40	272.46 8.47 -192.89	252.18 6.43 -192.91	254.96 5.57 -204.02	269.45 4.58 -227.12	267.23 3.95 -229.65	315.62 3.40 -281.26	215.09 2.91 -183.30	60.90 3.64 -12.64	39.12 2.83 0.00	31.27 2.17 0.00	29.86 1.90 0.00
HOLTSVILLE_IC_7 23696	46.49 3.07 0.00	42.13 2.85 0.00	39.39 2.69 0.00	34.65 2.31 0.00	32.49 2.11 0.00	38.43 2.36 0.00	41.17 2.61 0.00	45.06 3.46 0.00	45.48 3.84 0.00	48.69 4.51 0.00	51.56 5.17 -3.80	240.78 6.54 -179.58	267.87 6.85 -205.40	272.46 8.47 -192.89	252.18 6.43 -192.91	254.96 5.57 -204.02	269.45 4.58 -227.12	267.23 3.95 -229.65	315.62 3.40 -281.26	215.09 2.91 -183.30	60.90 3.64 -12.64	39.12 2.83 0.00	31.27 2.17 0.00	29.86 1.90 0.00
HOLTSVILLE_IC_8 23697	46.49 3.07 0.00	42.13 2.85 0.00	39.39 2.69 0.00	34.65 2.31 0.00	32.49 2.11 0.00	38.43 2.36 0.00	41.17 2.61 0.00	45.06 3.46 0.00	45.48 3.84 0.00	48.69 4.51 0.00	51.56 5.17 -3.80	240.78 6.54 -179.58	267.87 6.85 -205.40	272.46 8.47 -192.89	252.18 6.43 -192.91	254.96 5.57 -204.02	269.45 4.58 -227.12	267.23 3.95 -229.65	315.62 3.40 -281.26	215.09 2.91 -183.30	60.90 3.64 -12.64	39.12 2.83 0.00	31.27 2.17 0.00	29.86 1.90 0.00
HOLTSVILLE_IC_9 23698	46.49 3.07 0.00	42.13 2.85 0.00	39.39 2.69 0.00	34.65 2.31 0.00	32.49 2.11 0.00	38.43 2.36 0.00	41.17 2.61 0.00	45.06 3.46 0.00	45.48 3.84 0.00	48.69 4.51 0.00	51.56 5.17 -3.80	240.78 6.54 -179.58	267.87 6.85 -205.40	272.46 8.47 -192.89	252.18 6.43 -192.91	254.96 5.57 -204.02	269.45 4.58 -227.12	267.23 3.95 -229.65	315.62 3.40 -281.26	215.09 2.91 -183.30	60.90 3.64 -12.64	39.12 2.83 0.00	31.27 2.17 0.00	29.86 1.90 0.00
HOMER_HL_115KV_TB2 355744	44.86 1.44 0.00	39.46 0.18 0.00	36.60 -0.09 0.00	32.02 -0.31 0.00	30.13 -0.24 0.00	36.26 0.19 0.00	39.22 0.66 0.00	43.02 1.42 0.00	43.24 1.59 0.00	45.48 1.29 0.00	44.04 1.45 0.00	56.72 2.06 0.00	56.85 1.22 0.00	71.97 0.88 0.00	52.12 -0.73 0.00	44.49 -0.87 0.00	36.58 -1.17 0.00	33.02 -0.61 0.00	30.48 -0.49 0.00	29.18 0.30 0.00	45.21 0.58 0.00	36.76 0.47 0.00	29.66 0.57 0.00	28.58 0.61 0.00
HOWARD_WT_PWR 323690	45.85 2.41 -0.03	40.31 1.02 -0.01	37.44 0.73 -0.01	32.76 0.43 0.00	30.81 0.43 0.00	37.00 0.92 0.00	39.95 1.38 0.00	43.70 2.10 0.00	43.87 2.22 0.00	46.53 2.35 0.00	45.25 2.66 0.00	58.40 3.70 -0.03	58.95 2.87 -0.45	75.46 3.04 -1.33	54.43 1.11 -0.48	46.52 0.92 -0.24	38.12 0.37 0.00	34.27 0.64 0.00	31.62 0.65 0.00	30.12 1.23 0.00	46.76 2.10 -0.03	37.99 1.71 0.00	30.67 1.58 0.00	29.29 1.33 0.00

HQ_GEN_CEDARS 23644	42.73 -0.70 0.00	38.78 -0.49 0.00	36.30 -0.40 0.00	32.04 -0.30 0.00	30.11 -0.26 0.00	35.72 -0.35 0.00	38.19 -0.38 0.00	40.90 -0.70 0.00	40.48 -1.17 0.00	42.35 -1.83 0.00	40.40 -2.19 0.00	51.84 -2.82 0.00	51.97 -3.08 0.58	62.60 -3.49 5.00	29.70 -2.62 20.52	21.65 -2.34 21.38	36.04 -1.70 0.00	32.13 -1.50 0.00	29.75 -1.22 0.00	27.81 -1.08 0.00	43.01 -1.61 0.00	34.96 -1.32 0.00	28.11 -0.98 0.00	27.12 -0.84 0.00
HQ_GEN_CEDARS_PROXY 323590	42.73 -0.70 0.00	38.78 -0.49 0.00	36.30 -0.40 0.00	32.04 -0.30 0.00	30.11 -0.26 0.00	35.72 -0.35 0.00	38.19 -0.38 0.00	40.90 -0.70 0.00	40.48 -1.17 0.00	42.35 -1.83 0.00	39.59 -2.19 0.81	51.84 -2.82 0.00	51.96 -3.08 0.58	63.89 -3.49 3.72	29.70 -2.63 20.52	21.65 -2.34 21.38	36.04 -1.71 0.00	32.13 -1.50 0.00	29.74 -1.23 0.00	28.62 -1.08 -0.81	47.09 -1.61 -4.08	34.97 -1.31 0.00	28.63 -0.98 -0.52	26.70 -0.84 0.43
HQ_GEN_IMPORT 323601	42.53 -0.90 0.00	38.68 -0.59 0.00	36.29 -0.41 0.00	32.01 -0.33 0.00	30.09 -0.28 0.00	35.71 -0.36 0.00	38.11 -0.45 0.00	40.84 -0.75 0.00	40.76 -0.88 0.00	43.04 -1.14 0.00	41.26 -1.33 0.00	52.95 -1.71 0.00	50.29 -1.87 3.47	68.39 -2.13 0.57	45.64 -1.60 5.61	38.09 -1.43 5.84	36.67 -1.08 0.00	33.48 -0.96 -0.81	28.76 -0.77 1.44	26.84 -0.72 1.32	43.57 -1.06 0.00	35.40 -0.89 0.00	28.41 -0.68 0.00	27.39 -0.57 0.00
HQ_GEN_WHEEL 23651	42.53 -0.90 0.00	38.68 -0.59 0.00	36.29 -0.41 0.00	32.01 -0.33 0.00	30.09 -0.28 0.00	35.71 -0.36 0.00	38.11 -0.45 0.00	40.84 -0.75 0.00	40.76 -0.88 0.00	43.04 -1.14 0.00	41.26 -1.33 0.00	52.95 -1.71 0.00	50.29 -1.87 3.47	68.39 -2.13 0.57	45.64 -1.60 5.61	38.09 -1.43 5.84	36.67 -1.08 0.00	33.48 -0.96 -0.81	28.76 -0.77 1.44	26.84 -0.72 1.32	43.57 -1.06 0.00	35.40 -0.89 0.00	28.41 -0.68 0.00	27.39 -0.57 0.00
HUDSON AVE_GT_3 23810	46.55 3.12 0.00	42.07 2.80 0.00	39.02 2.32 0.00	34.33 2.00 0.00	32.20 1.82 0.00	38.15 2.08 0.00	40.81 2.25 0.00	44.62 3.03 0.00	45.18 3.53 0.00	48.29 4.11 0.00	47.02 4.42 0.00	60.27 5.61 0.00	61.61 5.98 0.00	78.40 7.31 0.00	58.60 5.75 0.00	54.90 5.02 -4.52	69.34 4.07 -27.52	83.46 3.38 -46.44	56.80 2.70 -23.13	45.47 2.32 -14.26	48.03 3.41 0.00	39.03 2.75 0.00	31.35 2.26 0.00	30.10 2.14 0.00
HUDSON AVE_GT_4 23540	46.55 3.12 0.00	42.07 2.80 0.00	39.02 2.32 0.00	34.33 2.00 0.00	32.20 1.82 0.00	38.15 2.08 0.00	40.81 2.25 0.00	44.62 3.03 0.00	45.18 3.53 0.00	48.29 4.11 0.00	47.02 4.42 0.00	60.27 5.61 0.00	61.61 5.98 0.00	78.40 7.31 0.00	58.60 5.75 0.00	54.90 5.02 -4.52	69.34 4.07 -27.52	83.46 3.38 -46.44	56.80 2.70 -23.13	45.47 2.32 -14.26	48.03 3.41 0.00	39.03 2.75 0.00	31.35 2.26 0.00	30.10 2.14 0.00
HUDSON AVE_GT_5 23657	46.55 3.12 0.00	42.07 2.80 0.00	39.02 2.32 0.00	34.33 2.00 0.00	32.20 1.82 0.00	38.15 2.08 0.00	40.81 2.25 0.00	44.62 3.03 0.00	45.18 3.53 0.00	48.29 4.11 0.00	47.02 4.42 0.00	60.27 5.61 0.00	61.61 5.98 0.00	78.40 7.31 0.00	58.60 5.75 0.00	54.90 5.02 -4.52	69.34 4.07 -27.52	83.46 3.38 -46.44	56.80 2.70 -23.13	45.47 2.32 -14.26	48.03 3.41 0.00	39.03 2.75 0.00	31.35 2.26 0.00	30.10 2.14 0.00
HUDSON_AVE_10 24168	46.41 2.99 0.00	41.95 2.67 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.12 1.74 0.00	38.05 1.98 0.00	40.69 2.13 0.00	44.49 2.89 0.00	45.06 3.41 0.00	48.17 3.99 0.00	46.89 4.30 0.00	60.10 5.44 0.00	61.44 5.81 0.00	78.20 7.11 0.00	58.47 5.63 0.00	54.79 4.90 -4.52	69.24 3.97 -27.52	83.37 3.29 -46.44	56.69 2.60 -23.13	45.38 2.23 -14.26	47.90 3.28 0.00	38.91 2.63 0.00	31.25 2.16 0.00	29.99 2.03 0.00
HUDSON___115KV_TB 4 355613	45.68 2.25 0.00	41.23 1.96 0.00	38.44 1.74 0.00	33.90 1.57 0.00	31.82 1.44 0.00	37.66 1.59 0.00	40.14 1.58 0.00	43.37 1.77 0.00	43.30 1.65 0.00	46.09 1.90 0.00	44.28 1.69 0.00	56.63 1.97 0.00	57.78 2.15 0.00	74.03 2.93 0.00	55.31 2.47 0.00	14.24 2.12 33.25	32.91 1.80 6.63	35.33 1.70 0.00	32.43 1.46 0.00	30.19 1.31 0.00	46.75 2.12 0.00	37.93 1.64 0.00	30.43 1.34 0.00	29.38 1.42 0.00
HUNTER MOUNT___DRP 323613	45.98 2.56 0.00	41.51 2.24 0.00	38.70 2.01 0.00	34.15 1.81 0.00	32.04 1.66 0.00	37.97 1.90 0.00	40.51 1.94 0.00	43.70 2.10 0.00	43.56 1.91 0.00	46.38 2.20 0.00	44.39 1.80 0.00	56.71 2.05 0.00	57.81 2.18 0.00	74.23 3.14 0.00	55.48 2.63 0.00	-1.33 2.12 48.81	24.52 1.85 15.08	35.48 1.84 0.00	32.60 1.63 0.00	30.36 1.47 0.00	47.07 2.44 0.00	38.16 1.88 0.00	30.62 1.53 0.00	29.56 1.59 0.00
HUNTINGTON_RES_REC 323705	46.18 2.76 0.00	41.93 2.65 0.00	39.22 2.53 0.00	34.46 2.13 0.00	32.30 1.93 0.00	38.18 2.11 0.00	40.90 2.33 0.00	44.72 3.13 0.00	45.07 3.42 0.00	48.18 4.00 0.00	51.07 4.67 -3.81	603.06 6.10 -542.29	681.13 6.56 -618.95	683.58 8.21 -604.28	836.80 6.37 -777.59	693.59 5.51 -642.72	376.31 4.56 -334.00	489.07 3.90 -451.53	901.92 3.29 -867.66	583.98 2.74 -552.35	111.55 3.39 -63.54	38.88 2.60 0.00	31.03 1.94 0.00	29.70 1.74 0.00
HUNTLEY___63 23557	45.08 1.66 0.00	39.20 -0.08 0.00	36.08 -0.62 0.00	31.45 -0.89 0.00	29.66 -0.71 0.00	35.72 -0.35 0.00	38.80 0.24 0.00	42.43 0.83 0.00	42.74 1.10 0.00	45.09 0.91 0.00	43.51 0.92 0.00	56.29 1.62 0.00	56.10 0.47 0.00	70.41 -0.69 0.00	50.78 -2.07 0.00	43.16 -2.20 0.00	35.58 -2.17 0.00	32.13 -1.50 0.00	29.87 -1.10 0.00	28.95 0.06 0.00	45.08 0.46 0.00	36.99 0.70 0.00	29.91 0.82 0.00	28.64 0.68 0.00
HUNTLEY___64 23558	45.08 1.66 0.00	39.20 -0.08 0.00	36.08 -0.62 0.00	31.45 -0.89 0.00	29.66 -0.71 0.00	35.72 -0.35 0.00	38.80 0.24 0.00	42.43 0.83 0.00	42.74 1.10 0.00	45.09 0.91 0.00	43.51 0.92 0.00	56.29 1.62 0.00	56.10 0.47 0.00	70.41 -0.69 0.00	50.78 -2.07 0.00	43.16 -2.20 0.00	35.58 -2.17 0.00	32.13 -1.50 0.00	29.87 -1.10 0.00	28.95 0.06 0.00	45.08 0.46 0.00	36.99 0.70 0.00	29.91 0.82 0.00	28.64 0.68 0.00
HUNTLEY___65 23559	45.08 1.66 0.00	39.20 -0.08 0.00	36.08 -0.62 0.00	31.45 -0.89 0.00	29.66 -0.71 0.00	35.72 -0.35 0.00	38.80 0.24 0.00	42.43 0.83 0.00	42.74 1.10 0.00	45.09 0.91 0.00	43.51 0.92 0.00	56.29 1.62 0.00	56.10 0.47 0.00	70.41 -0.69 0.00	50.78 -2.07 0.00	43.16 -2.20 0.00	35.58 -2.17 0.00	32.13 -1.50 0.00	29.87 -1.10 0.00	28.95 0.06 0.00	45.08 0.46 0.00	36.99 0.70 0.00	29.91 0.82 0.00	28.64 0.68 0.00
HUNTLEY___66 23560	45.08 1.66 0.00	39.20 -0.08 0.00	36.08 -0.62 0.00	31.45 -0.89 0.00	29.66 -0.71 0.00	35.72 -0.35 0.00	38.80 0.24 0.00	42.43 0.83 0.00	42.74 1.10 0.00	45.09 0.91 0.00	43.51 0.92 0.00	56.29 1.62 0.00	56.10 0.47 0.00	70.41 -0.69 0.00	50.78 -2.07 0.00	43.16 -2.20 0.00	35.58 -2.17 0.00	32.13 -1.50 0.00	29.87 -1.10 0.00	28.95 0.06 0.00	45.08 0.46 0.00	36.99 0.70 0.00	29.91 0.82 0.00	28.64 0.68 0.00

HUNTLEY___67 23561	44.59 1.17 0.00	38.85 -0.43 0.00	35.81 -0.89 0.00	31.24 -1.10 0.00	29.45 -0.92 0.00	35.46 -0.61 0.00	38.49 -0.07 0.00	42.08 0.48 0.00	42.41 0.76 0.00	44.78 0.59 0.00	43.32 0.73 0.00	56.13 1.47 0.00	56.04 0.41 0.00	70.43 -0.66 0.00	50.94 -1.90 0.00	43.30 -2.06 0.00	35.69 -2.07 0.00	32.21 -1.43 0.00	29.93 -1.04 0.00	28.94 0.06 0.00	45.03 0.40 0.00	36.90 0.62 0.00	29.73 0.64 0.00	28.46 0.50 0.00
HUNTLEY___68 23562	44.59 1.17 0.00	38.85 -0.43 0.00	35.81 -0.89 0.00	31.24 -1.10 0.00	29.45 -0.92 0.00	35.46 -0.61 0.00	38.49 -0.07 0.00	42.08 0.48 0.00	42.41 0.76 0.00	44.78 0.59 0.00	43.32 0.73 0.00	56.13 1.47 0.00	56.04 0.41 0.00	70.43 -0.66 0.00	50.94 -1.90 0.00	43.30 -2.06 0.00	35.69 -2.07 0.00	32.21 -1.43 0.00	29.93 -1.04 0.00	28.94 0.06 0.00	45.03 0.40 0.00	36.90 0.62 0.00	29.73 0.64 0.00	28.46 0.50 0.00
HYLAND___LFGE 323620	46.13 2.70 0.00	40.49 1.21 0.00	37.46 0.76 0.00	32.75 0.41 0.00	30.82 0.44 0.00	37.03 0.96 0.00	40.09 1.52 0.00	43.76 2.16 0.00	43.82 2.17 0.00	46.53 2.35 0.00	44.98 2.39 0.00	55.85 1.19 0.00	53.38 -2.25 0.00	66.89 -4.20 0.00	49.61 -3.23 0.00	43.20 -2.16 0.00	35.69 -2.06 0.00	32.21 -1.42 0.00	29.81 -1.15 0.00	28.52 -0.37 0.00	44.32 -0.30 0.00	36.03 -0.26 0.00	31.10 2.01 0.00	29.54 1.58 0.00
INDECK___CORINTH 23802	46.39 2.96 0.00	41.58 2.30 0.00	38.69 1.99 0.00	34.20 1.86 0.00	32.08 1.70 0.00	38.12 2.05 0.00	40.77 2.20 0.00	44.20 2.61 0.00	44.29 2.64 0.00	47.13 2.94 0.00	45.25 2.66 0.00	58.17 3.51 0.00	59.34 3.70 0.00	75.97 4.87 0.00	56.57 3.72 0.00	49.38 3.31 -0.70	44.92 2.88 -4.29	36.35 2.71 0.00	33.53 2.56 0.00	31.24 2.36 0.00	48.51 3.89 0.00	39.46 3.18 0.00	31.47 2.38 0.00	30.07 2.10 0.00
INDECK___ILION 23567	44.21 0.78 0.00	39.92 0.64 0.00	37.23 0.53 0.00	32.81 0.48 0.00	30.79 0.41 0.00	36.55 0.48 0.00	39.04 0.48 0.00	42.17 0.58 0.00	42.19 0.54 0.00	44.92 0.74 0.00	43.26 0.66 0.00	55.39 0.73 0.00	56.63 0.93 -0.07	72.84 1.13 -0.61	56.40 1.04 -2.52	49.16 1.17 -2.63	38.73 0.98 0.00	34.55 0.91 0.00	31.76 0.79 0.00	29.57 0.68 0.00	45.68 1.06 0.00	37.11 0.82 0.00	29.72 0.63 0.00	28.49 0.52 0.00
INDECK___OLEAN 23982	44.87 1.44 0.00	39.45 0.18 0.00	36.60 -0.09 0.00	32.02 -0.31 0.00	30.13 -0.24 0.00	36.26 0.19 0.00	39.22 0.66 0.00	43.01 1.42 0.00	43.24 1.59 0.00	45.47 1.29 0.00	44.03 1.44 0.00	56.72 2.06 0.00	56.85 1.21 0.00	71.97 0.88 0.00	52.12 -0.72 0.00	44.50 -0.87 0.00	36.60 -1.15 0.00	33.06 -0.58 0.00	30.50 -0.47 0.00	29.19 0.30 0.00	45.21 0.59 0.00	36.74 0.45 0.00	29.66 0.57 0.00	28.58 0.61 0.00
INDECK___OSWEGO 23783	43.26 -0.45 -0.29	38.72 -0.69 -0.13	36.08 -0.76 -0.14	31.63 -0.71 0.00	29.71 -0.67 0.00	35.37 -0.71 0.00	37.91 -0.65 0.00	41.05 -0.54 0.00	41.13 -0.53 0.00	43.42 -0.76 0.00	41.92 -0.67 0.00	54.20 -0.82 -0.36	59.71 -0.84 -4.92	85.32 -1.18 -15.40	62.18 -1.00 -10.34	52.50 -0.88 -8.01	36.99 -0.82 -0.05	32.96 -0.67 0.00	30.35 -0.61 0.00	28.41 -0.48 0.00	44.13 -0.85 -0.36	35.65 -0.64 0.00	28.58 -0.51 0.00	27.56 -0.40 0.00
INDECK___YERKES 23781	45.14 1.71 0.00	39.24 -0.04 0.00	36.13 -0.57 0.00	31.49 -0.85 0.00	29.70 -0.67 0.00	35.77 -0.31 0.00	38.85 0.28 0.00	42.48 0.89 0.00	42.80 1.15 0.00	45.13 0.95 0.00	43.53 0.94 0.00	56.29 1.63 0.00	56.10 0.47 0.00	70.41 -0.69 0.00	50.78 -2.06 0.00	43.16 -2.20 0.00	35.62 -2.13 0.00	32.17 -1.47 0.00	29.89 -1.07 0.00	28.94 0.06 0.00	45.08 0.45 0.00	36.96 0.68 0.00	29.93 0.84 0.00	28.67 0.71 0.00
INDIAN POINT_GT_1 24139	45.97 2.54 0.00	41.50 2.22 0.00	38.49 1.79 0.00	33.90 1.56 0.00	31.80 1.43 0.00	37.66 1.59 0.00	40.29 1.73 0.00	44.00 2.41 0.00	44.48 2.83 0.00	47.54 3.35 0.00	46.24 3.65 0.00	59.30 4.64 0.00	60.65 5.02 0.00	77.25 6.15 0.00	57.69 4.85 0.00	54.89 4.22 -5.31	73.44 3.40 -32.29	450.32 2.86 -413.82	239.38 2.36 -206.06	157.97 1.99 -127.10	47.50 2.88 0.00	38.58 2.30 0.00	30.93 1.84 0.00	29.67 1.71 0.00
INDIAN POINT_GT_2 23659	45.97 2.54 0.00	41.50 2.22 0.00	38.49 1.79 0.00	33.90 1.56 0.00	31.80 1.43 0.00	37.66 1.59 0.00	40.29 1.73 0.00	44.00 2.41 0.00	44.48 2.83 0.00	47.54 3.35 0.00	46.24 3.65 0.00	59.30 4.64 0.00	60.65 5.02 0.00	77.25 6.15 0.00	57.69 4.85 0.00	54.89 4.22 -5.31	73.44 3.40 -32.29	450.32 2.86 -413.82	239.38 2.36 -206.06	157.97 1.99 -127.10	47.50 2.88 0.00	38.58 2.30 0.00	30.93 1.84 0.00	29.67 1.71 0.00
INDIAN POINT_GT_3 24019	45.97 2.54 0.00	41.50 2.22 0.00	38.49 1.79 0.00	33.90 1.56 0.00	31.80 1.43 0.00	37.66 1.59 0.00	40.29 1.73 0.00	44.00 2.41 0.00	44.48 2.83 0.00	47.54 3.35 0.00	46.24 3.65 0.00	59.30 4.64 0.00	60.65 5.02 0.00	77.25 6.15 0.00	57.69 4.85 0.00	54.89 4.22 -5.31	73.44 3.40 -32.29	450.32 2.86 -413.82	239.38 2.36 -206.06	157.97 1.99 -127.10	47.50 2.88 0.00	38.58 2.30 0.00	30.93 1.84 0.00	29.67 1.71 0.00
INDIAN POINT___2 23530	45.89 2.46 0.00	41.42 2.15 0.00	38.42 1.72 0.00	33.83 1.49 0.00	31.74 1.36 0.00	37.59 1.52 0.00	40.20 1.64 0.00	43.92 2.32 0.00	44.41 2.76 0.00	47.47 3.29 0.00	46.17 3.58 0.00	59.21 4.55 0.00	60.55 4.92 0.00	77.15 6.05 0.00	57.57 4.73 0.00	56.64 4.11 -7.17	84.70 3.30 -43.65	-86.90 2.77 123.31	-28.14 2.29 61.40	-7.06 1.93 37.87	47.42 2.80 0.00	38.53 2.24 0.00	30.88 1.79 0.00	29.62 1.65 0.00
INDIAN POINT___3 23531	45.88 2.46 0.00	41.42 2.15 0.00	38.42 1.72 0.00	33.84 1.50 0.00	31.74 1.37 0.00	37.59 1.52 0.00	40.19 1.63 0.00	43.90 2.30 0.00	44.37 2.73 0.00	47.43 3.24 0.00	46.12 3.53 0.00	59.15 4.49 0.00	60.49 4.86 0.00	77.06 5.97 0.00	57.54 4.69 0.00	54.89 4.09 -5.45	74.17 3.29 -33.13	11.40 2.77 25.01	20.78 2.28 12.47	23.10 1.92 7.70	47.40 2.78 0.00	38.50 2.22 0.00	30.86 1.77 0.00	29.60 1.64 0.00
INGHAM_C_115KV_TB7 356103	44.63 1.21 0.00	40.27 1.00 0.00	37.52 0.83 0.00	33.07 0.74 0.00	31.01 0.63 0.00	36.82 0.75 0.00	39.24 0.67 0.00	42.35 0.76 0.00	42.29 0.64 0.00	45.17 0.99 0.00	43.34 0.75 0.00	55.29 0.63 0.00	56.73 1.03 -0.07	72.93 1.22 -0.61	56.70 1.34 -2.52	49.75 1.77 -2.63	39.26 1.51 0.00	35.08 1.44 0.00	32.26 1.29 0.00	29.98 1.09 0.00	46.41 1.79 0.00	37.61 1.33 0.00	30.09 1.00 0.00	28.78 0.82 0.00
IP CORINTH___1 23988	46.64 3.22 0.00	41.80 2.53 0.00	38.90 2.21 0.00	34.38 2.05 0.00	32.25 1.88 0.00	38.34 2.27 0.00	41.00 2.44 0.00	44.45 2.86 0.00	44.54 2.89 0.00	47.39 3.20 0.00	45.51 2.92 0.00	58.50 3.84 0.00	59.66 4.03 0.00	76.38 5.29 0.00	56.87 4.03 0.00	49.63 3.56 -0.70	45.12 3.08 -4.29	36.53 2.89 0.00	33.70 2.74 0.00	31.41 2.52 0.00	48.77 4.15 0.00	39.68 3.39 0.00	31.64 2.55 0.00	30.23 2.27 0.00

IP__TICONDEROGA 23804	49.32 5.89 0.00	43.80 4.52 0.00	40.71 4.01 0.00	36.26 3.92 0.00	34.02 3.65 0.00	40.52 4.45 0.00	43.38 4.82 0.00	47.22 5.63 0.00	47.04 5.39 0.00	49.68 5.49 0.00	47.93 5.34 0.00	61.67 7.01 0.00	63.67 8.04 0.00	81.90 10.80 0.00	60.55 7.70 0.00	53.00 6.93 -0.71	47.55 5.48 -4.32	38.99 5.35 0.00	35.69 4.72 0.00	33.33 4.45 0.00	51.33 6.70 0.00	42.39 6.10 0.00	33.76 4.67 0.00	32.07 4.11 0.00
ISLIP_RES_REC 323679	46.82 3.40 0.00	42.39 3.11 0.00	39.62 2.92 0.00	34.85 2.51 0.00	32.67 2.30 0.00	38.66 2.60 0.00	41.44 2.88 0.00	45.37 3.78 0.00	45.84 4.19 0.00	49.12 4.94 0.00	52.02 5.63 -3.80	225.90 7.19 -164.05	250.84 7.52 -187.69	258.71 9.35 -178.27	237.21 7.08 -177.29	241.03 6.13 -189.53	266.92 5.05 -224.12	254.78 4.37 -216.78	295.58 3.76 -260.85	200.06 3.21 -167.96	60.04 4.09 -11.32	39.47 3.18 0.00	31.52 2.43 0.00	30.08 2.12 0.00
JAMAICA__27_KV_LOAD 355505	46.90 3.48 0.00	42.34 3.06 0.00	39.29 2.59 0.00	34.57 2.23 0.00	32.44 2.07 0.00	38.44 2.37 0.00	41.12 2.56 0.00	44.86 3.27 0.00	45.56 3.92 0.00	48.74 4.55 0.00	47.39 4.80 0.00	60.78 6.12 0.00	62.10 6.47 0.00	79.12 8.03 0.00	59.18 6.33 0.00	55.41 5.53 -4.52	69.72 4.45 -27.52	83.82 3.74 -46.44	57.05 2.96 -23.13	45.75 2.60 -14.26	48.43 3.81 0.00	39.30 3.02 0.00	31.56 2.47 0.00	30.29 2.32 0.00
JANIS__SOLAR 323808	46.49 3.00 -0.06	41.45 2.15 -0.02	38.60 1.87 -0.03	33.86 1.52 0.00	31.79 1.42 0.00	38.00 1.93 0.00	40.86 2.30 0.00	44.39 2.79 0.00	44.44 2.79 0.00	46.85 2.67 0.00	44.98 2.38 0.00	58.30 3.57 -0.07	60.27 3.72 -0.93	78.88 5.04 -2.75	57.21 3.38 -0.98	49.16 3.31 -0.49	40.15 2.39 -0.01	35.97 2.34 0.00	33.04 2.07 0.00	31.08 2.19 0.00	48.15 3.45 -0.07	38.91 2.63 0.00	31.12 2.03 0.00	29.74 1.78 0.00
JARVIS____ 23743	43.79 0.37 0.00	39.57 0.29 0.00	36.94 0.24 0.00	32.53 0.20 0.00	30.56 0.18 0.00	36.29 0.22 0.00	38.80 0.23 0.00	41.91 0.31 0.00	41.98 0.33 0.00	44.62 0.43 0.00	43.06 0.47 0.00	55.22 0.55 0.00	56.34 0.64 -0.07	72.47 0.76 -0.61	55.99 0.62 -2.52	48.56 0.58 -2.63	38.20 0.45 0.00	34.04 0.40 0.00	31.30 0.33 0.00	29.17 0.29 0.00	45.04 0.42 0.00	36.64 0.36 0.00	29.38 0.29 0.00	28.20 0.24 0.00
JENNISON__1 23625	46.58 3.12 -0.04	41.61 2.31 -0.02	38.78 2.06 -0.02	34.03 1.70 0.00	31.96 1.59 0.00	38.17 2.09 0.00	41.04 2.47 0.00	44.62 3.02 0.00	44.80 3.15 0.00	47.43 3.25 0.00	45.60 3.01 0.00	58.89 4.18 -0.05	60.66 4.38 -0.65	78.87 5.85 -1.92	57.73 4.20 -0.69	49.27 3.56 -0.34	39.82 2.06 -0.01	36.20 2.56 0.00	33.31 2.34 0.00	31.14 2.26 0.00	48.26 3.59 -0.05	39.00 2.72 0.00	31.23 2.14 0.00	29.85 1.88 0.00
JENNISON__2 23626	46.58 3.12 -0.04	41.61 2.31 -0.02	38.78 2.06 -0.02	34.03 1.70 0.00	31.96 1.59 0.00	38.17 2.09 0.00	41.04 2.47 0.00	44.62 3.02 0.00	44.80 3.15 0.00	47.43 3.25 0.00	45.60 3.01 0.00	58.89 4.18 -0.05	60.66 4.38 -0.65	78.87 5.85 -1.92	57.73 4.20 -0.69	49.27 3.56 -0.34	39.82 2.06 -0.01	36.20 2.56 0.00	33.31 2.34 0.00	31.14 2.26 0.00	48.26 3.59 -0.05	39.00 2.72 0.00	31.23 2.14 0.00	29.85 1.88 0.00
JERICHO_RISE_WT_PWR 323719	42.54 -0.89 0.00	38.65 -0.62 0.00	36.30 -0.40 0.00	32.19 -0.14 0.00	30.22 -0.16 0.00	35.84 -0.23 0.00	38.35 -0.22 0.00	41.15 -0.44 0.00	41.21 -0.44 0.00	43.36 -0.82 0.00	41.05 -1.54 0.00	52.38 -2.29 0.00	52.61 -2.60 0.42	64.58 -2.89 3.62	35.82 -2.17 14.86	27.88 -2.00 15.48	36.30 -1.46 0.00	32.37 -1.27 0.00	29.92 -1.05 0.00	28.06 -0.83 0.00	43.43 -1.20 0.00	35.42 -0.87 0.00	28.61 -0.48 0.00	27.65 -0.32 0.00
KATONAH__115KV_46KV_TB4 355592	46.39 2.97 0.00	41.85 2.58 0.00	38.83 2.13 0.00	34.18 1.85 0.00	32.06 1.69 0.00	37.99 1.92 0.00	40.64 2.08 0.00	44.39 2.80 0.00	44.87 3.22 0.00	47.96 3.77 0.00	46.70 4.10 0.00	59.94 5.27 0.00	61.29 5.66 0.00	78.13 7.04 0.00	58.41 5.57 0.00	53.01 4.88 -2.76	58.50 3.95 -16.80	68.10 3.35 -31.11	49.25 2.79 -15.49	40.82 2.38 -9.56	48.06 3.44 0.00	39.00 2.72 0.00	31.24 2.15 0.00	29.94 1.97 0.00
KCE_NY_1 323755	46.63 3.20 0.00	41.84 2.57 0.00	38.95 2.25 0.00	34.38 2.04 0.00	32.25 1.88 0.00	38.37 2.30 0.00	40.97 2.41 0.00	44.36 2.76 0.00	44.42 2.77 0.00	47.32 3.14 0.00	45.62 3.03 0.00	58.56 3.90 0.00	59.84 4.21 0.00	76.49 5.40 0.00	57.03 4.18 0.00	49.75 3.67 -0.72	45.24 3.09 -4.40	36.43 2.80 0.00	33.52 2.56 0.00	31.21 2.33 0.00	48.41 3.79 0.00	39.30 3.01 0.00	31.40 2.31 0.00	30.07 2.10 0.00
KCE_NY_6_ESR 323823	45.25 1.83 0.00	39.43 0.15 0.00	36.37 -0.33 0.00	31.70 -0.63 0.00	29.89 -0.48 0.00	35.99 -0.08 0.00	39.07 0.51 0.00	42.76 1.16 0.00	43.12 1.47 0.00	45.58 1.39 0.00	44.11 1.52 0.00	57.18 2.52 0.00	57.11 1.48 0.00	71.85 0.76 0.00	51.97 -0.87 0.00	44.23 -1.13 0.00	36.43 -1.32 0.00	32.87 -0.77 0.00	30.51 -0.46 0.00	29.43 0.55 0.00	45.78 1.16 0.00	37.45 1.16 0.00	30.17 1.08 0.00	28.85 0.89 0.00
KEDC_PORT_JEFF_GT2 24210	46.47 3.05 0.00	42.11 2.84 0.00	39.36 2.67 0.00	34.63 2.30 0.00	32.47 2.10 0.00	38.41 2.34 0.00	41.15 2.58 0.00	45.01 3.42 0.00	45.19 3.54 0.00	48.39 4.20 0.00	51.29 4.89 -3.80	268.36 6.32 -207.38	299.43 6.71 -237.09	303.25 8.34 -223.81	296.62 6.35 -237.43	290.17 5.53 -239.28	277.67 4.55 -235.36	286.99 3.90 -249.44	362.13 3.34 -327.83	245.44 2.77 -213.78	64.53 3.42 -16.48	38.95 2.66 0.00	31.10 2.01 0.00	29.86 1.89 0.00
KEDC_PORT_JEFF_GT3 24211	46.47 3.05 0.00	42.11 2.84 0.00	39.36 2.67 0.00	34.63 2.30 0.00	32.47 2.10 0.00	38.41 2.34 0.00	41.15 2.58 0.00	45.01 3.42 0.00	45.19 3.54 0.00	48.39 4.20 0.00	51.29 4.89 -3.80	268.36 6.32 -207.38	299.43 6.71 -237.09	303.25 8.34 -223.81	296.62 6.35 -237.43	290.17 5.53 -239.28	277.67 4.55 -235.36	286.99 3.90 -249.44	362.13 3.34 -327.83	245.44 2.77 -213.78	64.53 3.42 -16.48	38.95 2.66 0.00	31.10 2.01 0.00	29.86 1.89 0.00
KEDC_GLWD_GT4 24219	46.72 3.30 0.00	42.31 3.04 0.00	39.38 2.69 0.00	34.63 2.30 0.00	32.46 2.09 0.00	38.42 2.36 0.00	41.15 2.58 0.00	45.04 3.44 0.00	45.54 3.89 0.00	48.31 4.12 0.00	51.05 4.66 -3.80	76.86 6.04 -16.16	81.19 6.50 -19.07	287.87 8.15 -208.62	186.26 6.25 -127.16	183.60 5.49 -132.75	253.80 4.52 -211.54	160.42 3.80 -122.98	106.31 3.19 -72.15	52.66 2.65 -21.12	48.07 3.45 0.00	38.96 2.68 0.00	31.16 2.07 0.00	30.04 2.08 0.00
KEDC_GLWD_GT5 24220	46.72 3.30 0.00	42.31 3.04 0.00	39.38 2.69 0.00	34.63 2.30 0.00	32.46 2.09 0.00	38.42 2.36 0.00	41.15 2.58 0.00	45.04 3.44 0.00	45.54 3.89 0.00	48.31 4.12 0.00	51.05 4.66 -3.80	76.86 6.04 -16.16	81.19 6.50 -19.07	287.87 8.15 -208.62	186.26 6.25 -127.16	183.60 5.49 -132.75	253.80 4.52 -211.54	160.42 3.80 -122.98	106.31 3.19 -72.15	52.66 2.65 -21.12	48.07 3.45 0.00	38.96 2.68 0.00	31.16 2.07 0.00	30.04 2.08 0.00

KENSICO____ 23655	46.13 2.71 0.00	41.66 2.38 0.00	38.65 1.96 0.00	34.04 1.71 0.00	31.92 1.55 0.00	37.81 1.74 0.00	40.45 1.89 0.00	44.18 2.59 0.00	44.66 3.01 0.00	47.72 3.54 0.00	46.43 3.84 0.00	59.53 4.87 0.00	60.87 5.25 0.00	77.56 6.47 0.00	57.93 5.08 0.00	54.63 4.44 -4.83	70.70 3.59 -29.36	87.68 3.01 -51.03	58.85 2.47 -25.41	46.65 2.10 -15.67	47.65 3.03 0.00	38.71 2.43 0.00	31.03 1.94 0.00	29.77 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.25 2.83 0.00	41.65 2.37 0.00	38.64 1.94 0.00	33.98 1.65 0.00	31.86 1.48 0.00	37.76 1.69 0.00	40.47 1.90 0.00	44.21 2.62 0.00	44.68 3.03 0.00	47.86 3.68 0.00	46.63 4.04 0.00	59.90 5.24 0.00	61.11 5.48 0.00	77.14 6.05 0.00	57.76 4.91 0.00	43.26 4.58 6.69	39.40 3.71 2.07	36.75 3.12 0.00	33.64 2.67 0.00	31.17 2.28 0.00	47.95 3.33 0.00	39.13 2.85 0.00	31.26 2.17 0.00	29.85 1.89 0.00
KIAC_JFK_GT1 23816	46.36 2.94 0.00	41.88 2.61 0.00	38.88 2.18 0.00	34.21 1.88 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.68 2.12 0.00	44.39 2.80 0.00	45.06 3.42 0.00	48.21 4.02 0.00	46.88 4.29 0.00	60.11 5.45 0.00	61.43 5.79 0.00	78.25 7.16 0.00	58.55 5.70 0.00	54.86 4.98 -4.52	69.26 3.99 -27.52	83.39 3.32 -46.44	56.67 2.58 -23.13	45.38 2.23 -14.26	47.87 3.25 0.00	38.87 2.58 0.00	31.21 2.12 0.00	29.96 1.99 0.00
KIAC_JFK_GT2 23817	46.36 2.94 0.00	41.88 2.61 0.00	38.88 2.18 0.00	34.21 1.88 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.68 2.12 0.00	44.39 2.80 0.00	45.06 3.42 0.00	48.21 4.02 0.00	46.88 4.29 0.00	60.11 5.45 0.00	61.43 5.79 0.00	78.25 7.16 0.00	58.55 5.70 0.00	54.86 4.98 -4.52	69.26 3.99 -27.52	83.39 3.32 -46.44	56.67 2.58 -23.13	45.38 2.23 -14.26	47.87 3.25 0.00	38.87 2.58 0.00	31.21 2.12 0.00	29.96 1.99 0.00
KIAC_JFK____ 323774	46.36 2.93 0.00	41.88 2.61 0.00	38.88 2.18 0.00	34.21 1.87 0.00	32.11 1.74 0.00	38.05 1.98 0.00	40.68 2.11 0.00	44.39 2.80 0.00	45.06 3.42 0.00	48.21 4.03 0.00	46.88 4.29 0.00	60.11 5.45 0.00	61.43 5.81 0.00	78.25 7.16 0.00	58.55 5.70 0.00	54.86 4.98 -4.52	69.25 3.98 -27.52	83.39 3.31 -46.44	56.67 2.58 -23.13	45.38 2.23 -14.26	47.87 3.25 0.00	38.87 2.59 0.00	31.21 2.12 0.00	29.96 1.99 0.00
KINTIGH____ 23543	44.20 0.77 0.00	38.73 -0.55 0.00	35.75 -0.95 0.00	31.25 -1.09 0.00	29.44 -0.93 0.00	35.37 -0.70 0.00	38.31 -0.26 0.00	41.81 0.22 0.00	42.13 0.48 0.00	44.54 0.36 0.00	43.07 0.48 0.00	55.73 1.07 0.00	55.75 0.12 0.00	70.25 -0.85 0.00	50.93 -1.91 0.00	43.33 -2.03 0.00	35.81 -1.95 0.00	32.26 -1.38 0.00	29.92 -1.04 0.00	28.78 -0.11 0.00	44.72 0.09 0.00	36.66 0.37 0.00	29.50 0.41 0.00	28.27 0.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.29 -0.13 0.00	39.35 0.07 0.00	36.93 0.23 0.00	32.79 0.45 0.00	30.78 0.40 0.00	36.53 0.45 0.00	39.05 0.49 0.00	42.09 0.49 0.00	42.18 0.53 0.00	44.37 0.19 0.00	41.66 -0.94 0.00	52.72 -1.94 0.00	52.95 -2.32 0.36	65.38 -2.61 3.11	38.16 -1.95 12.74	30.22 -1.87 13.27	36.38 -1.37 0.00	32.47 -1.16 0.00	29.94 -1.03 0.00	28.23 -0.66 0.00	43.67 -0.95 0.00	35.75 -0.53 0.00	29.08 -0.01 0.00	28.24 0.27 0.00
LACHUTE__HYDRO 323717	49.32 5.90 0.00	43.80 4.52 0.00	40.71 4.01 0.00	36.26 3.92 0.00	34.02 3.65 0.00	40.52 4.45 0.00	43.38 4.82 0.00	47.22 5.63 0.00	47.04 5.39 0.00	49.68 5.49 0.00	47.93 5.34 0.00	61.67 7.01 0.00	63.67 8.04 0.00	81.90 10.80 0.00	60.55 7.70 0.00	53.00 6.93 -0.71	47.55 5.48 -4.32	38.99 5.36 0.00	35.68 4.72 0.00	33.33 4.45 0.00	51.33 6.70 0.00	42.39 6.11 0.00	33.76 4.66 0.00	32.07 4.11 0.00
LAWRNCV_115KV_TB1 80681	42.61 -0.81 0.00	38.62 -0.66 0.00	35.98 -0.72 0.00	31.72 -0.61 0.00	29.79 -0.58 0.00	35.31 -0.76 0.00	37.82 -0.75 0.00	40.51 -1.09 0.00	40.08 -1.57 0.00	42.01 -2.18 0.00	40.05 -2.54 0.00	51.32 -3.34 0.00	51.06 -3.54 1.04	58.22 -4.00 8.88	13.44 -2.99 36.41	4.85 -2.58 37.93	35.85 -1.90 0.00	32.00 -1.63 0.00	29.63 -1.33 0.00	27.75 -1.14 0.00	42.78 -1.84 0.00	34.87 -1.41 0.00	28.13 -0.96 0.00	27.10 -0.87 0.00
LEDERLE____ 23769	46.08 2.66 0.00	41.56 2.29 0.00	38.51 1.81 0.00	33.90 1.56 0.00	31.81 1.43 0.00	37.66 1.59 0.00	40.29 1.72 0.00	44.04 2.44 0.00	44.56 2.92 0.00	47.69 3.51 0.00	46.41 3.82 0.00	59.55 4.89 0.00	60.90 5.27 0.00	77.64 6.55 0.00	57.95 5.10 0.00	43.14 4.37 6.59	1.13 3.48 40.10	-32.18 2.96 68.77	-0.80 2.49 34.25	9.86 2.10 21.12	47.68 3.05 0.00	38.71 2.43 0.00	31.02 1.93 0.00	29.72 1.76 0.00
LIGHTHSE_115KV_TB6 355974	43.99 0.41 -0.16	39.37 0.03 -0.07	36.65 -0.13 -0.08	32.15 -0.18 0.00	30.21 -0.17 0.00	35.99 -0.08 0.00	38.60 0.04 0.00	41.74 0.15 0.00	41.86 0.21 0.00	44.29 0.10 0.00	42.83 0.24 0.00	55.15 0.30 -0.19	58.90 0.34 -2.92	82.34 0.56 -10.69	68.61 0.34 -15.43	60.18 0.22 -14.59	37.87 0.09 -0.03	33.89 0.25 0.00	31.21 0.25 0.00	29.25 0.37 0.00	44.95 0.14 -0.19	36.65 0.37 0.00	29.39 0.30 0.00	28.19 0.23 0.00
LINDEN COGEN____ 23786	46.19 2.77 0.00	41.79 2.52 0.00	38.77 2.08 0.00	34.12 1.79 0.00	32.00 1.63 0.00	37.90 1.83 0.00	40.50 1.93 0.00	44.27 2.67 0.00	44.81 3.16 0.00	47.88 3.69 0.00	45.98 4.01 0.61	59.70 5.04 0.00	61.09 5.46 0.00	77.76 6.66 0.00	55.87 5.23 2.20	50.35 4.56 -0.43	50.72 3.73 -9.24	83.14 3.07 -46.44	56.55 2.46 -23.13	45.31 2.16 -14.26	47.86 3.23 0.00	38.91 2.63 0.00	31.23 2.14 0.00	29.95 1.99 0.00
LINDHRST_69_KV_BK1 356055	46.83 3.40 0.00	42.45 3.17 0.00	39.61 2.91 0.00	34.81 2.47 0.00	32.62 2.25 0.00	38.60 2.53 0.00	41.36 2.80 0.00	45.28 3.69 0.00	45.78 4.13 0.00	48.90 4.71 0.00	51.62 5.23 -3.80	89.07 6.72 -27.69	94.97 7.13 -32.21	142.87 8.87 -62.90	108.15 6.85 -48.45	117.09 5.98 -65.75	241.71 5.00 -198.95	138.84 4.26 -100.95	114.53 3.61 -79.95	61.67 3.03 -29.75	48.56 3.94 0.00	39.40 3.12 0.00	31.53 2.44 0.00	30.15 2.19 0.00
LIPA_MISC_IPP 23656	46.05 2.62 0.00	41.74 2.46 0.00	39.05 2.35 0.00	34.40 2.07 0.00	32.26 1.89 0.00	38.18 2.11 0.00	40.91 2.34 0.00	44.75 3.16 0.00	45.19 3.55 0.00	48.32 4.14 0.00	51.21 4.82 -3.80	209.69 6.20 -148.83	232.50 6.53 -170.34	235.71 8.00 -156.62	201.75 6.04 -142.87	221.55 5.37 -170.83	260.42 4.45 -218.22	254.91 3.85 -217.42	269.78 3.28 -235.53	188.85 2.71 -157.26	56.16 3.33 -8.20	38.91 2.63 0.00	31.04 1.95 0.00	29.56 1.60 0.00
LISF__SOLAR 323691	46.18 2.75 0.00	41.85 2.58 0.00	39.15 2.45 0.00	34.47 2.14 0.00	32.34 1.96 0.00	38.28 2.21 0.00	41.02 2.45 0.00	44.87 3.28 0.00	45.32 3.67 0.00	48.46 4.28 0.00	51.34 4.95 -3.80	216.72 6.37 -155.69	240.50 6.72 -178.16	244.03 8.25 -164.69	213.06 6.22 -154.00	229.13 5.53 -178.24	262.54 4.59 -220.20	257.82 3.99 -220.19	280.12 3.42 -245.74	194.82 2.84 -163.09	57.35 3.54 -9.19	39.08 2.79 0.00	31.16 2.07 0.00	29.65 1.69 0.00

LITTLE FALLS___HYD 24013	44.63 1.21 0.00	40.27 1.00 0.00	37.52 0.83 0.00	33.07 0.74 0.00	31.01 0.63 0.00	36.82 0.75 0.00	39.24 0.67 0.00	42.35 0.76 0.00	42.29 0.64 0.00	45.17 0.99 0.00	43.34 0.75 0.00	55.29 0.63 0.00	56.73 1.03 -0.07	72.93 1.22 -0.61	56.70 1.34 -2.52	49.75 1.77 -2.63	39.26 1.51 0.00	35.08 1.44 0.00	32.26 1.29 0.00	29.98 1.09 0.00	46.41 1.79 0.00	37.61 1.33 0.00	30.09 1.00 0.00	28.78 0.82 0.00
LITTLRIV_115KV_TB1 356100	43.21 -0.23 -0.02	39.14 -0.15 -0.01	36.46 -0.25 -0.01	32.16 -0.18 0.00	30.20 -0.18 0.00	35.81 -0.26 0.00	38.35 -0.21 0.00	41.04 -0.55 0.00	40.51 -1.14 0.00	42.44 -1.74 0.00	40.38 -2.21 0.00	51.76 -2.93 -0.02	51.61 -3.22 0.80	58.89 -3.61 8.59	11.62 -2.54 38.69	2.76 -2.12 40.48	36.28 -1.48 0.00	32.44 -1.20 0.00	30.06 -0.90 0.00	28.21 -0.68 0.00	43.62 -1.03 -0.02	35.49 -0.79 0.00	28.59 -0.50 0.00	27.52 -0.45 0.00
LI_NEWBRDGE___DRP 323616	46.07 2.65 0.00	41.78 2.50 0.00	38.94 2.24 0.00	34.25 1.91 0.00	32.11 1.73 0.00	37.98 1.91 0.00	40.66 2.10 0.00	44.47 2.87 0.00	44.90 3.25 0.00	47.88 3.70 0.00	50.59 4.20 -3.80	76.17 5.35 -16.16	80.41 5.72 -19.07	91.28 7.12 -13.06	84.76 5.54 -26.37	92.67 4.86 -42.46	236.93 4.00 -195.17	118.12 3.36 -81.12	105.92 2.81 -72.15	52.31 2.31 -21.12	47.61 2.98 0.00	38.60 2.32 0.00	30.89 1.80 0.00	29.60 1.64 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.47 1.05 0.00	38.68 -0.60 0.00	35.60 -1.10 0.00	31.06 -1.28 0.00	29.28 -1.09 0.00	35.27 -0.80 0.00	38.31 -0.26 0.00	41.88 0.28 0.00	42.22 0.57 0.00	44.59 0.40 0.00	43.09 0.50 0.00	55.82 1.16 0.00	55.69 0.06 0.00	69.89 -1.20 0.00	50.45 -2.39 0.00	42.86 -2.50 0.00	35.37 -2.38 0.00	31.95 -1.69 0.00	29.70 -1.26 0.00	28.76 -0.13 0.00	44.79 0.17 0.00	36.76 0.48 0.00	29.63 0.55 0.00	28.36 0.40 0.00
LOCKPORT___CC1 323769	44.26 0.84 0.00	38.50 -0.78 0.00	35.45 -1.25 0.00	30.92 -1.42 0.00	29.16 -1.22 0.00	35.12 -0.95 0.00	38.14 -0.42 0.00	41.68 0.09 0.00	42.03 0.38 0.00	44.37 0.19 0.00	42.88 0.29 0.00	55.54 0.88 0.00	55.41 -0.22 0.00	69.54 -1.55 0.00	50.21 -2.64 0.00	42.65 -2.71 0.00	35.22 -2.53 0.00	31.82 -1.82 0.00	29.58 -1.39 0.00	28.62 -0.26 0.00	44.58 -0.04 0.00	36.56 0.27 0.00	29.49 0.40 0.00	28.25 0.28 0.00
LOCKPORT___CC2 323770	44.26 0.84 0.00	38.50 -0.78 0.00	35.45 -1.25 0.00	30.92 -1.42 0.00	29.16 -1.22 0.00	35.12 -0.95 0.00	38.14 -0.42 0.00	41.68 0.09 0.00	42.03 0.38 0.00	44.37 0.19 0.00	42.88 0.29 0.00	55.54 0.88 0.00	55.41 -0.22 0.00	69.54 -1.55 0.00	50.21 -2.64 0.00	42.65 -2.71 0.00	35.22 -2.53 0.00	31.82 -1.82 0.00	29.58 -1.39 0.00	28.62 -0.26 0.00	44.58 -0.04 0.00	36.56 0.27 0.00	29.49 0.40 0.00	28.25 0.28 0.00
LOCKPORT___CC3 323771	44.26 0.84 0.00	38.50 -0.78 0.00	35.45 -1.25 0.00	30.92 -1.42 0.00	29.16 -1.22 0.00	35.12 -0.95 0.00	38.14 -0.42 0.00	41.68 0.09 0.00	42.03 0.38 0.00	44.37 0.19 0.00	42.88 0.29 0.00	55.54 0.88 0.00	55.41 -0.22 0.00	69.54 -1.55 0.00	50.21 -2.64 0.00	42.65 -2.71 0.00	35.22 -2.53 0.00	31.82 -1.82 0.00	29.58 -1.39 0.00	28.62 -0.26 0.00	44.58 -0.04 0.00	36.56 0.27 0.00	29.49 0.40 0.00	28.25 0.28 0.00
LONG_LAKE_PHOENIX 24014	43.50 -0.14 -0.22	38.93 -0.44 -0.09	36.27 -0.54 -0.11	31.81 -0.53 0.00	29.88 -0.49 0.00	35.58 -0.49 0.00	38.18 -0.39 0.00	41.38 -0.22 0.00	41.48 -0.16 0.00	43.97 -0.21 0.00	42.53 -0.06 0.00	54.99 0.06 -0.27	59.43 0.08 -3.72	82.65 -0.08 -11.64	60.42 -0.23 -7.81	51.20 -0.21 -6.05	37.54 -0.26 -0.04	33.45 -0.18 0.00	30.80 -0.17 0.00	28.84 -0.05 0.00	44.74 -0.15 -0.27	36.18 -0.10 0.00	28.99 -0.11 0.00	27.79 -0.17 0.00
LOVETT___3 23632	45.75 2.33 0.00	41.30 2.02 0.00	38.26 1.56 0.00	33.69 1.36 0.00	31.62 1.25 0.00	37.41 1.34 0.00	40.00 1.44 0.00	43.71 2.12 0.00	44.20 2.56 0.00	47.27 3.08 0.00	45.99 3.40 0.00	59.00 4.34 0.00	60.34 4.71 0.00	76.89 5.79 0.00	57.37 4.52 0.00	42.41 3.91 6.86	-0.87 3.12 41.74	-33.23 2.64 69.51	-1.43 2.21 34.61	9.36 1.82 21.35	47.25 2.63 0.00	38.38 2.10 0.00	30.76 1.67 0.00	29.49 1.53 0.00
LOVETT___4 23642	45.75 2.33 0.00	41.30 2.02 0.00	38.26 1.56 0.00	33.69 1.36 0.00	31.62 1.25 0.00	37.41 1.34 0.00	40.00 1.44 0.00	43.71 2.12 0.00	44.20 2.56 0.00	47.27 3.08 0.00	45.99 3.40 0.00	59.00 4.34 0.00	60.34 4.71 0.00	76.89 5.79 0.00	57.37 4.52 0.00	42.41 3.91 6.86	-0.87 3.12 41.74	-33.23 2.64 69.51	-1.43 2.21 34.61	9.36 1.82 21.35	47.25 2.63 0.00	38.38 2.10 0.00	30.76 1.67 0.00	29.49 1.53 0.00
LOVETT___5 23593	45.75 2.33 0.00	41.30 2.02 0.00	38.26 1.56 0.00	33.69 1.36 0.00	31.62 1.25 0.00	37.41 1.34 0.00	40.00 1.44 0.00	43.71 2.12 0.00	44.20 2.56 0.00	47.27 3.08 0.00	45.99 3.40 0.00	59.00 4.34 0.00	60.34 4.71 0.00	76.89 5.79 0.00	57.37 4.52 0.00	42.41 3.91 6.86	-0.87 3.12 41.74	-33.23 2.64 69.51	-1.43 2.21 34.61	9.36 1.82 21.35	47.25 2.63 0.00	38.38 2.10 0.00	30.76 1.67 0.00	29.49 1.53 0.00
LOWER RAQUET___HYD 24057	42.60 -0.84 -0.02	38.57 -0.72 -0.01	35.88 -0.83 -0.01	31.63 -0.71 0.00	29.70 -0.67 0.00	35.18 -0.89 0.00	37.69 -0.87 0.00	40.37 -1.22 0.00	39.95 -1.70 0.00	41.88 -2.30 0.00	39.95 -2.64 0.00	51.18 -3.50 -0.03	51.09 -3.69 0.85	57.83 -4.14 9.13	8.63 -3.10 41.12	-0.32 -2.65 43.03	35.79 -1.96 0.00	31.97 -1.67 0.00	29.59 -1.37 0.00	27.72 -1.16 0.00	42.74 -1.90 -0.03	34.84 -1.44 0.00	28.13 -0.96 0.00	27.09 -0.87 0.00
LOWER___HUDSON 24059	45.41 1.99 0.00	40.99 1.72 0.00	38.19 1.49 0.00	33.73 1.39 0.00	31.65 1.28 0.00	37.53 1.46 0.00	40.03 1.46 0.00	43.29 1.69 0.00	43.36 1.71 0.00	46.17 1.98 0.00	44.54 1.95 0.00	57.06 2.40 0.00	58.39 2.77 0.00	74.60 3.51 0.00	55.64 2.79 0.00	48.60 2.47 -0.77	44.51 2.10 -4.66	35.49 1.85 0.00	32.58 1.61 0.00	30.30 1.41 0.00	46.92 2.29 0.00	38.14 1.85 0.00	30.54 1.45 0.00	29.29 1.32 0.00
LOWVILLE_115KV_TB2 356335	45.04 1.57 -0.05	40.42 1.12 -0.02	37.58 0.86 -0.02	33.04 0.70 0.00	31.03 0.65 0.00	36.95 0.88 0.00	39.64 1.07 0.00	42.80 1.20 0.00	42.86 1.21 0.00	45.24 1.05 0.00	43.53 0.94 0.00	55.87 1.15 -0.06	58.54 1.17 -1.74	83.82 2.16 -10.57	89.42 1.75 -34.82	82.67 1.47 -35.83	39.00 1.24 -0.01	34.99 1.36 0.00	32.28 1.31 0.00	30.18 1.29 0.00	45.78 1.10 -0.06	37.80 1.51 0.00	30.25 1.16 0.00	28.92 0.95 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.56 3.14 0.00	41.84 2.56 0.00	38.95 2.26 0.00	34.38 2.05 0.00	32.26 1.88 0.00	38.34 2.27 0.00	40.95 2.39 0.00	44.33 2.73 0.00	44.40 2.75 0.00	47.28 3.09 0.00	45.58 2.99 0.00	58.51 3.85 0.00	59.77 4.14 0.00	76.41 5.31 0.00	56.96 4.12 0.00	49.70 3.61 -0.72	45.23 3.08 -4.40	36.43 2.80 0.00	33.50 2.54 0.00	31.20 2.31 0.00	48.36 3.74 0.00	39.30 3.01 0.00	31.40 2.31 0.00	30.06 2.10 0.00

LUTHERNY_35_KV_BK2 355980	46.63 3.20 0.00	41.85 2.57 0.00	38.95 2.25 0.00	34.38 2.04 0.00	32.25 1.88 0.00	38.37 2.30 0.00	40.97 2.41 0.00	44.36 2.76 0.00	44.42 2.77 0.00	47.32 3.14 0.00	45.62 3.03 0.00	58.56 3.90 0.00	59.84 4.21 0.00	76.49 5.40 0.00	57.03 4.18 0.00	49.76 3.67 -0.72	45.24 3.09 -4.40	36.43 2.80 0.00	33.53 2.56 0.00	31.21 2.33 0.00	48.41 3.79 0.00	39.30 3.01 0.00	31.40 2.31 0.00	30.07 2.10 0.00
LWR___OSWEGATCHIE_HYD 23850	43.99 0.53 -0.04	39.51 0.22 -0.02	36.67 -0.05 -0.02	32.20 -0.14 0.00	30.24 -0.13 0.00	35.92 -0.15 0.00	38.53 -0.03 0.00	41.47 -0.13 0.00	41.39 -0.26 0.00	43.58 -0.60 0.00	42.00 -0.59 0.00	53.95 -0.77 -0.05	57.78 -0.81 -2.96	92.48 -0.32 -21.70	134.33 -0.19 -81.68	129.89 -0.18 -84.71	37.68 -0.08 -0.01	33.75 0.12 0.00	31.18 0.22 0.00	29.21 0.33 0.00	44.49 -0.19 -0.05	36.54 0.26 0.00	29.35 0.26 0.00	28.12 0.15 0.00
LYONS_FALL_HYD 23570	45.00 1.55 -0.03	40.43 1.14 -0.02	37.64 0.93 -0.02	33.10 0.77 0.00	31.08 0.71 0.00	37.00 0.93 0.00	39.68 1.12 0.00	42.88 1.28 0.00	42.98 1.33 0.00	45.47 1.29 0.00	43.81 1.22 0.00	56.24 1.54 -0.04	58.45 1.62 -1.20	80.76 2.52 -7.16	77.92 1.96 -23.11	70.79 1.68 -23.75	39.17 1.41 -0.01	35.06 1.42 0.00	32.30 1.33 0.00	30.17 1.28 0.00	46.06 1.39 -0.04	37.78 1.50 0.00	30.23 1.14 0.00	28.91 0.95 0.00
MADISON___COUNTY_LFGE 323628	45.30 1.84 -0.04	40.66 1.37 -0.02	37.89 1.17 -0.02	33.31 0.97 0.00	31.26 0.89 0.00	37.24 1.18 0.00	39.95 1.39 0.00	43.27 1.68 0.00	43.40 1.76 0.00	46.05 1.86 0.00	44.41 1.81 0.00	57.15 2.45 -0.04	59.07 2.65 -0.79	78.02 3.51 -3.41	62.83 2.59 -7.40	54.98 2.25 -7.37	39.61 1.86 -0.01	35.36 1.72 0.00	32.49 1.52 0.00	30.34 1.46 0.00	46.76 2.09 -0.04	37.98 1.70 0.00	30.38 1.30 0.00	29.05 1.09 0.00
MALONE___115KV_TB1 356076	43.07 -0.35 0.00	39.03 -0.25 0.00	36.54 -0.16 0.00	32.36 0.03 0.00	30.36 -0.02 0.00	36.00 -0.07 0.00	38.58 0.01 0.00	41.44 -0.16 0.00	41.42 -0.23 0.00	43.54 -0.64 0.00	41.34 -1.25 0.00	52.77 -1.89 0.00	52.87 -2.15 0.61	63.54 -2.30 5.25	29.53 -1.77 21.54	21.28 -1.64 22.44	36.69 -1.06 0.00	32.76 -0.88 0.00	30.28 -0.68 0.00	28.50 -0.39 0.00	43.99 -0.64 0.00	35.85 -0.44 0.00	28.91 -0.18 0.00	27.87 -0.09 0.00
MAPLEWOD_115KV_TB3 80458	45.08 1.66 0.00	40.74 1.46 0.00	37.96 1.26 0.00	33.51 1.17 0.00	31.45 1.08 0.00	37.25 1.18 0.00	39.76 1.20 0.00	43.02 1.43 0.00	43.15 1.50 0.00	45.96 1.77 0.00	44.37 1.78 0.00	56.79 2.12 0.00	58.09 2.46 0.00	74.18 3.08 0.00	55.38 2.53 0.00	48.36 2.24 -0.75	44.19 1.87 -4.58	35.24 1.61 0.00	32.32 1.35 0.00	30.05 1.17 0.00	46.48 1.86 0.00	37.77 1.49 0.00	30.28 1.19 0.00	29.07 1.10 0.00
MAPLE_RIDGE_WT_1 323574	43.18 -0.24 0.00	39.09 -0.18 0.00	36.55 -0.14 0.00	32.23 -0.11 0.00	30.29 -0.09 0.00	35.94 -0.13 0.00	38.42 -0.14 0.00	41.37 -0.23 0.00	41.35 -0.29 0.00	43.78 -0.40 0.00	42.06 -0.53 0.00	53.90 -0.76 0.00	54.69 -0.85 0.09	69.38 -0.96 0.75	49.05 -0.72 3.08	41.52 -0.63 3.21	37.28 -0.47 0.00	33.22 -0.41 0.00	30.62 -0.35 0.00	28.49 -0.39 0.00	44.01 -0.62 0.00	35.92 -0.36 0.00	28.84 -0.25 0.00	27.79 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	43.18 -0.24 0.00	39.09 -0.18 0.00	36.55 -0.14 0.00	32.23 -0.11 0.00	30.29 -0.09 0.00	35.94 -0.13 0.00	38.42 -0.14 0.00	41.37 -0.23 0.00	41.35 -0.29 0.00	43.78 -0.40 0.00	42.06 -0.53 0.00	53.90 -0.76 0.00	54.69 -0.85 0.09	69.38 -0.96 0.75	49.05 -0.72 3.08	41.52 -0.63 3.21	37.28 -0.47 0.00	33.22 -0.41 0.00	30.62 -0.35 0.00	28.49 -0.39 0.00	44.01 -0.62 0.00	35.92 -0.36 0.00	28.84 -0.25 0.00	27.79 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	42.71 -0.71 0.00	38.81 -0.47 0.00	36.43 -0.27 0.00	32.30 -0.03 0.00	30.33 -0.04 0.00	35.98 -0.09 0.00	38.49 -0.07 0.00	41.38 -0.21 0.00	41.44 -0.21 0.00	43.62 -0.56 0.00	41.23 -1.36 0.00	52.50 -2.16 0.00	52.82 -2.46 0.34	65.42 -2.75 2.93	38.78 -2.07 12.00	30.95 -1.92 12.50	36.34 -1.41 0.00	32.41 -1.23 0.00	29.93 -1.04 0.00	28.10 -0.79 0.00	43.50 -1.13 0.00	35.52 -0.77 0.00	28.76 -0.33 0.00	27.80 -0.17 0.00
MARSHVLE_115KV_TB1 80742	46.79 3.37 0.00	42.02 2.74 0.00	39.18 2.48 0.00	34.43 2.09 0.00	32.36 1.99 0.00	38.56 2.49 0.00	41.41 2.85 0.00	44.66 3.07 0.00	44.52 2.88 0.00	47.11 2.93 0.00	45.22 2.63 0.00	57.92 3.26 0.00	58.52 2.89 0.00	74.96 3.86 0.00	55.67 2.83 0.00	48.27 2.91 0.00	40.63 2.88 0.00	36.31 2.67 0.00	33.55 2.58 0.00	31.41 2.52 0.00	48.33 3.71 0.00	39.27 2.99 0.00	31.41 2.32 0.00	30.05 2.09 0.00
MARSH_HILL_WT_PWR 323713	45.79 2.34 -0.03	40.25 0.97 -0.01	37.41 0.70 -0.01	32.73 0.39 0.00	30.77 0.39 0.00	36.96 0.89 0.00	39.88 1.32 0.00	43.63 2.03 0.00	43.80 2.15 0.00	46.45 2.27 0.00	45.19 2.60 0.00	58.31 3.62 -0.03	58.85 2.80 -0.42	75.26 2.93 -1.24	54.34 1.05 -0.44	46.46 0.88 -0.22	38.08 0.32 0.00	34.24 0.60 0.00	31.58 0.61 0.00	30.09 1.20 0.00	46.70 2.05 -0.03	37.95 1.66 0.00	30.63 1.54 0.00	29.27 1.30 0.00
MCINTYRE_115KV_TB2 80467	43.51 0.08 0.00	39.44 0.16 0.00	36.83 0.13 0.00	32.50 0.17 0.00	30.53 0.16 0.00	36.24 0.17 0.00	38.77 0.21 0.00	41.43 -0.16 0.00	40.78 -0.86 0.00	42.75 -1.44 0.00	40.61 -1.98 0.00	52.05 -2.62 0.00	51.61 -3.02 1.00	59.14 -3.40 8.56	15.38 -2.38 35.08	6.86 -1.96 36.54	36.49 -1.26 0.00	32.65 -0.99 0.00	30.29 -0.67 0.00	28.44 -0.44 0.00	44.09 -0.53 0.00	35.85 -0.44 0.00	28.81 -0.28 0.00	27.73 -0.23 0.00
MECO_____69_KV_BK1 80468	49.22 5.79 0.00	44.08 4.80 0.00	41.00 4.30 0.00	36.01 3.68 0.00	33.85 3.48 0.00	40.39 4.32 0.00	43.18 4.62 0.00	45.95 4.36 0.00	45.41 3.76 0.00	48.32 4.13 0.00	45.16 2.57 0.00	58.33 3.67 0.00	58.51 2.89 0.00	74.20 3.11 0.00	55.80 2.96 0.00	49.70 4.34 0.00	43.27 5.52 0.00	39.01 5.37 0.00	35.98 5.02 0.00	33.67 4.78 0.00	51.68 7.06 0.00	41.87 5.59 0.00	33.34 4.25 0.00	31.79 3.83 0.00
MENANDS___115KV_TB5 355628	44.72 1.30 0.00	40.44 1.16 0.00	37.69 0.99 0.00	33.28 0.95 0.00	31.24 0.87 0.00	36.99 0.92 0.00	39.47 0.91 0.00	42.71 1.12 0.00	42.83 1.18 0.00	45.61 1.43 0.00	44.02 1.43 0.00	56.33 1.67 0.00	57.61 1.98 0.00	73.56 2.46 0.00	54.93 2.09 0.00	47.95 1.84 -0.75	43.85 1.51 -4.60	34.92 1.29 0.00	32.02 1.05 0.00	29.77 0.89 0.00	46.03 1.41 0.00	37.42 1.14 0.00	30.01 0.92 0.00	28.83 0.87 0.00
MG INDUSTRY___DRP 24185	44.70 1.28 0.00	40.48 1.21 0.00	37.79 1.09 0.00	33.35 1.01 0.00	31.32 0.95 0.00	37.12 1.05 0.00	39.61 1.04 0.00	42.73 1.13 0.00	42.57 0.92 0.00	45.37 1.18 0.00	43.54 0.95 0.00	54.90 0.24 0.00	55.82 0.19 0.00	71.39 0.29 0.00	53.44 0.59 0.00	7.24 0.46 38.58	30.10 0.42 8.07	33.97 0.33 0.00	31.18 0.21 0.00	29.03 0.15 0.00	44.92 0.30 0.00	36.52 0.23 0.00	29.55 0.46 0.00	28.77 0.81 0.00

MID___OSWEGATCHIE_HYD 23849	43.99 0.53 -0.04	39.51 0.22 -0.02	36.67 -0.05 -0.02	32.20 -0.14 0.00	30.24 -0.13 0.00	35.92 -0.15 0.00	38.53 -0.03 0.00	41.47 -0.13 0.00	41.39 -0.26 0.00	43.58 -0.60 0.00	42.00 -0.59 0.00	53.95 -0.77 -0.05	57.78 -0.81 -2.96	92.48 -0.32 -21.70	134.33 -0.19 -81.68	129.89 -0.18 -84.71	37.68 -0.08 -0.01	33.75 0.12 0.00	31.18 0.22 0.00	29.21 0.33 0.00	44.49 -0.19 -0.05	36.54 0.26 0.00	29.35 0.26 0.00	28.12 0.15 0.00
MID___RAQUETTE_HYD 23851	42.60 -0.84 -0.02	38.57 -0.72 -0.01	35.88 -0.83 -0.01	31.63 -0.71 0.00	29.70 -0.67 0.00	35.18 -0.89 0.00	37.70 -0.87 0.00	40.37 -1.22 0.00	39.95 -1.70 0.00	41.88 -2.30 0.00	39.95 -2.64 0.00	51.18 -3.50 -0.03	51.09 -3.69 0.85	57.82 -4.14 9.13	8.63 -3.10 41.12	-0.32 -2.65 43.03	35.80 -1.96 0.00	31.97 -1.67 0.00	29.59 -1.37 0.00	27.72 -1.16 0.00	42.75 -1.90 -0.03	34.84 -1.44 0.00	28.13 -0.96 0.00	27.09 -0.87 0.00
MILLIKEN___1 23584	45.15 1.65 -0.08	40.34 1.03 -0.03	37.59 0.86 -0.04	33.00 0.66 0.00	30.98 0.61 0.00	36.97 0.90 0.00	39.68 1.11 0.00	43.09 1.50 0.00	43.25 1.60 0.00	45.84 1.66 0.00	44.33 1.74 0.00	57.33 2.57 -0.09	59.45 2.58 -1.24	78.01 3.23 -3.68	56.09 1.93 -1.32	47.75 1.73 -0.66	39.01 1.25 -0.01	34.84 1.20 0.00	32.03 1.06 0.00	30.10 1.21 0.00	46.60 1.88 -0.09	37.77 1.48 0.00	30.22 1.13 0.00	28.91 0.95 0.00
MILLIKEN___2 23585	45.15 1.65 -0.08	40.34 1.03 -0.03	37.59 0.86 -0.04	33.00 0.66 0.00	30.98 0.61 0.00	36.97 0.90 0.00	39.68 1.11 0.00	43.09 1.50 0.00	43.25 1.60 0.00	45.84 1.66 0.00	44.33 1.74 0.00	57.33 2.57 -0.09	59.45 2.58 -1.24	78.01 3.23 -3.68	56.09 1.93 -1.32	47.75 1.73 -0.66	39.01 1.25 -0.01	34.84 1.20 0.00	32.03 1.06 0.00	30.10 1.21 0.00	46.60 1.88 -0.09	37.77 1.48 0.00	30.22 1.13 0.00	28.91 0.95 0.00
MILLIKEN___DIESEL 23629	45.15 1.65 -0.08	40.34 1.03 -0.03	37.59 0.86 -0.04	33.00 0.66 0.00	30.98 0.61 0.00	36.97 0.90 0.00	39.68 1.11 0.00	43.09 1.50 0.00	43.25 1.60 0.00	45.84 1.66 0.00	44.33 1.74 0.00	57.33 2.57 -0.09	59.45 2.58 -1.24	78.01 3.23 -3.68	56.09 1.93 -1.32	47.75 1.73 -0.66	39.01 1.25 -0.01	34.84 1.20 0.00	32.03 1.06 0.00	30.10 1.21 0.00	46.60 1.88 -0.09	37.77 1.48 0.00	30.22 1.13 0.00	28.91 0.95 0.00
MILLSEAT___LFGE 323607	45.52 2.09 0.00	39.67 0.40 0.00	36.54 -0.16 0.00	31.87 -0.47 0.00	30.03 -0.35 0.00	36.15 0.08 0.00	39.26 0.70 0.00	42.97 1.38 0.00	43.34 1.69 0.00	45.89 1.71 0.00	44.40 1.81 0.00	57.49 2.83 0.00	57.37 1.75 0.00	72.21 1.12 0.00	52.19 -0.66 0.00	44.33 -1.03 0.00	36.66 -1.09 0.00	33.08 -0.55 0.00	30.70 -0.27 0.00	29.60 0.71 0.00	46.04 1.41 0.00	37.71 1.42 0.00	30.32 1.23 0.00	29.00 1.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.03 2.61 0.00	41.55 2.28 0.00	38.55 1.86 0.00	33.95 1.61 0.00	31.84 1.47 0.00	37.71 1.64 0.00	40.34 1.77 0.00	44.05 2.46 0.00	44.53 2.89 0.00	47.58 3.40 0.00	46.28 3.69 0.00	59.34 4.68 0.00	60.70 5.07 0.00	77.32 6.22 0.00	57.75 4.90 0.00	54.68 4.27 -5.05	71.92 3.46 -30.71	298.85 2.90 -262.31	163.97 2.39 -130.62	111.47 2.02 -80.56	47.55 2.93 0.00	38.62 2.34 0.00	30.96 1.87 0.00	29.70 1.73 0.00
MILLWOOD_13_KV_LOAD 356217	46.19 2.77 0.00	41.70 2.42 0.00	38.68 1.99 0.00	34.07 1.73 0.00	31.95 1.58 0.00	37.85 1.78 0.00	40.49 1.93 0.00	44.23 2.64 0.00	44.72 3.07 0.00	47.79 3.61 0.00	46.51 3.92 0.00	59.65 4.99 0.00	61.02 5.39 0.00	77.74 6.65 0.00	58.08 5.23 0.00	54.95 4.54 -5.05	72.14 3.68 -30.71	299.05 3.10 -262.31	164.14 2.56 -130.62	111.63 2.18 -80.56	47.78 3.16 0.00	38.79 2.51 0.00	31.09 2.01 0.00	29.82 1.85 0.00
MODEL_CITY_ENERGY 24167	44.07 0.65 0.00	38.33 -0.95 0.00	35.29 -1.41 0.00	30.78 -1.55 0.00	29.03 -1.34 0.00	34.98 -1.10 0.00	37.98 -0.58 0.00	41.48 -0.11 0.00	41.81 0.16 0.00	44.12 -0.06 0.00	42.65 0.06 0.00	55.27 0.61 0.00	55.15 -0.47 0.00	69.18 -1.91 0.00	49.99 -2.85 0.00	42.46 -2.90 0.00	35.08 -2.68 0.00	31.69 -1.94 0.00	29.48 -1.49 0.00	28.53 -0.36 0.00	44.41 -0.21 0.00	36.45 0.16 0.00	29.39 0.30 0.00	28.15 0.19 0.00
MODERN_LFGE___ 323580	44.07 0.65 0.00	38.33 -0.95 0.00	35.29 -1.41 0.00	30.78 -1.55 0.00	29.03 -1.34 0.00	34.98 -1.10 0.00	37.98 -0.58 0.00	41.48 -0.11 0.00	41.81 0.16 0.00	44.12 -0.06 0.00	42.65 0.06 0.00	55.27 0.61 0.00	55.15 -0.47 0.00	69.18 -1.91 0.00	49.99 -2.85 0.00	42.46 -2.90 0.00	35.08 -2.68 0.00	31.69 -1.94 0.00	29.48 -1.49 0.00	28.53 -0.36 0.00	44.41 -0.21 0.00	36.45 0.16 0.00	29.39 0.30 0.00	28.15 0.19 0.00
MOHAWK_PAPER___DRP 24187	45.08 1.66 0.00	40.74 1.46 0.00	37.96 1.26 0.00	33.51 1.17 0.00	31.45 1.08 0.00	37.25 1.18 0.00	39.76 1.20 0.00	43.02 1.43 0.00	43.15 1.50 0.00	45.96 1.77 0.00	44.37 1.78 0.00	56.79 2.12 0.00	58.09 2.46 0.00	74.18 3.08 0.00	55.38 2.53 0.00	48.36 2.24 -0.75	44.19 1.87 -4.58	35.24 1.61 0.00	32.32 1.35 0.00	30.05 1.17 0.00	46.48 1.86 0.00	37.77 1.49 0.00	30.28 1.19 0.00	29.07 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	47.00 3.58 0.00	42.12 2.84 0.00	39.19 2.49 0.00	34.66 2.33 0.00	32.52 2.14 0.00	38.66 2.58 0.00	41.33 2.76 0.00	44.80 3.21 0.00	44.85 3.20 0.00	47.70 3.52 0.00	45.88 3.29 0.00	58.96 4.30 0.00	60.25 4.62 0.00	77.12 6.03 0.00	57.40 4.56 0.00	50.08 4.01 -0.71	45.55 3.46 -4.33	36.89 3.25 0.00	33.96 2.99 0.00	31.65 2.77 0.00	49.09 4.46 0.00	39.95 3.67 0.00	31.86 2.77 0.00	30.45 2.48 0.00
MONGAUP___HYD 23641	46.22 2.80 0.00	41.62 2.34 0.00	38.63 1.93 0.00	33.98 1.64 0.00	31.87 1.50 0.00	37.78 1.71 0.00	40.44 1.87 0.00	44.02 2.42 0.00	44.43 2.78 0.00	47.49 3.31 0.00	46.07 3.48 0.00	58.57 3.91 0.00	59.34 3.72 0.00	75.67 4.57 0.00	56.40 3.56 0.00	45.04 3.68 4.00	16.30 2.88 24.33	-8.47 2.59 44.69	11.10 2.39 22.25	17.02 1.86 13.73	47.77 3.14 0.00	38.75 2.47 0.00	31.06 1.97 0.00	29.73 1.77 0.00
MONTAUK___DIESEL 23721	46.61 3.19 0.00	42.13 2.85 0.00	39.97 3.28 0.00	35.48 3.14 0.00	33.52 3.15 0.00	40.02 3.95 0.00	42.98 4.42 0.00	47.26 5.67 0.00	47.77 6.12 0.00	50.74 6.55 0.00	53.75 7.35 -3.80	215.69 9.62 -151.41	238.80 9.90 -173.27	242.84 12.11 -159.63	208.11 8.20 -147.07	226.41 7.37 -173.68	262.72 6.00 -218.97	257.25 5.06 -218.55	274.75 4.35 -239.44	192.02 3.61 -159.52	57.61 4.41 -8.57	39.44 3.16 0.00	31.28 2.19 0.00	29.49 1.52 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.84 3.41 0.00	40.61 1.33 0.00	37.43 0.74 0.00	32.48 0.14 0.00	30.68 0.31 0.00	37.32 1.25 0.00	40.55 1.98 0.00	44.63 3.03 0.00	44.94 3.29 0.00	47.52 3.33 0.00	46.20 3.61 0.00	59.87 5.20 0.00	59.89 4.26 0.00	74.89 3.80 0.00	53.91 1.06 0.00	45.91 0.55 0.00	37.60 -0.14 0.00	34.03 0.40 0.00	31.53 0.56 0.00	30.37 1.49 0.00	47.15 2.53 0.00	38.72 2.44 0.00	31.18 2.09 0.00	29.73 1.77 0.00

MORTIMER_115KV_TB3 55949	44.77 1.35 0.00	39.49 0.21 0.00	36.52 -0.17 0.00	31.97 -0.36 0.00	30.09 -0.28 0.00	36.05 -0.02 0.00	38.94 0.37 0.00	42.46 0.87 0.00	42.80 1.15 0.00	45.45 1.27 0.00	43.99 1.40 0.00	56.82 2.16 0.00	57.09 1.46 0.00	72.22 1.12 0.00	52.69 -0.16 0.00	44.98 -0.38 0.00	37.22 -0.53 0.00	33.43 -0.20 0.00	30.92 -0.04 0.00	29.46 0.58 0.00	45.68 1.06 0.00	37.31 1.03 0.00	29.95 0.86 0.00	28.65 0.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.43 3.01 0.00	41.95 2.68 0.00	38.92 2.22 0.00	34.25 1.91 0.00	32.12 1.75 0.00	38.05 1.98 0.00	40.70 2.14 0.00	44.49 2.89 0.00	45.03 3.38 0.00	48.11 3.93 0.00	46.83 4.24 0.00	60.00 5.33 0.00	61.34 5.71 0.00	78.04 6.95 0.00	58.31 5.46 0.00	54.66 4.78 -4.52	69.14 3.89 -27.51	83.28 3.22 -46.42	56.66 2.58 -23.11	45.34 2.20 -14.26	47.82 3.20 0.00	38.87 2.59 0.00	31.22 2.13 0.00	29.98 2.02 0.00
MUNSVILLE_WIND_PWR 323609	48.06 4.59 -0.05	42.81 3.51 -0.02	39.88 3.16 -0.02	34.97 2.63 0.00	32.84 2.47 0.00	39.30 3.23 0.00	42.27 3.70 0.00	45.96 4.36 0.00	46.13 4.48 0.00	48.85 4.66 0.00	46.76 4.17 0.00	60.53 5.81 -0.06	62.57 6.15 -0.79	81.68 8.24 -2.34	59.52 5.84 -0.84	51.07 5.29 -0.42	41.49 3.73 -0.01	37.55 3.91 0.00	34.38 3.41 0.00	32.25 3.37 0.00	49.99 5.31 -0.06	40.24 3.96 0.00	32.16 3.07 0.00	30.75 2.79 0.00
N SALMON___HYD 24042	43.07 -0.35 0.00	39.02 -0.25 0.00	36.54 -0.16 0.00	32.36 0.03 0.00	30.36 -0.02 0.00	36.00 -0.07 0.00	38.58 0.01 0.00	41.44 -0.16 0.00	41.42 -0.23 0.00	43.54 -0.64 0.00	41.34 -1.25 0.00	52.77 -1.89 0.00	52.87 -2.15 0.61	63.54 -2.30 5.25	29.53 -1.77 21.54	21.28 -1.64 22.44	36.69 -1.06 0.00	32.76 -0.88 0.00	30.28 -0.69 0.00	28.50 -0.39 0.00	43.99 -0.64 0.00	35.84 -0.44 0.00	28.91 -0.18 0.00	27.87 -0.09 0.00
N.AKRON___115KV_KNAPP 355671	45.32 1.90 0.00	39.46 0.19 0.00	36.33 -0.37 0.00	31.69 -0.65 0.00	29.86 -0.51 0.00	35.97 -0.10 0.00	39.07 0.51 0.00	42.76 1.17 0.00	43.13 1.48 0.00	45.63 1.44 0.00	44.12 1.53 0.00	57.15 2.48 0.00	57.04 1.41 0.00	71.69 0.60 0.00	51.78 -1.07 0.00	43.99 -1.37 0.00	36.31 -1.44 0.00	32.79 -0.85 0.00	30.45 -0.52 0.00	29.41 0.52 0.00	45.77 1.15 0.00	37.51 1.23 0.00	30.18 1.09 0.00	28.86 0.90 0.00
N.BELMOR_69_KV_BK1 55787	46.56 3.14 0.00	42.25 2.97 0.00	39.34 2.64 0.00	34.59 2.25 0.00	32.43 2.05 0.00	38.38 2.31 0.00	41.08 2.52 0.00	44.98 3.39 0.00	45.45 3.81 0.00	48.45 4.27 0.00	51.04 4.65 -3.80	76.81 5.99 -16.16	81.13 6.44 -19.07	179.67 8.02 -100.55	130.52 6.21 -71.47	133.67 5.46 -82.85	244.78 4.54 -202.50	137.31 3.82 -99.85	106.33 3.22 -72.15	52.69 2.69 -21.12	48.10 3.48 0.00	39.09 2.80 0.00	31.29 2.20 0.00	29.99 2.02 0.00
N.E_GEN_SANDY PD 24062	45.39 1.97 0.00	41.33 1.72 -0.33	36.92 1.41 1.18	33.67 1.34 0.00	31.58 1.21 0.00	37.39 1.32 0.00	39.89 1.33 0.00	43.29 1.70 0.00	43.50 1.85 0.00	46.37 2.19 0.00	46.90 2.26 -2.05	56.48 2.78 0.97	55.57 3.26 3.32	76.03 4.14 -0.79	56.18 3.33 0.00	49.69 2.95 -1.38	219.53 2.47 -179.32	116.80 2.11 -81.05	42.43 1.78 -9.68	37.09 1.48 -6.72	51.63 2.29 -4.71	41.58 1.84 -3.46	30.53 1.44 0.00	29.28 1.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.92 2.49 0.00	41.43 2.15 0.00	38.38 1.68 0.00	33.78 1.45 0.00	31.70 1.33 0.00	37.52 1.45 0.00	40.12 1.55 0.00	43.84 2.25 0.00	44.37 2.72 0.00	47.46 3.28 0.00	46.18 3.58 0.00	59.27 4.61 0.00	60.61 4.98 0.00	77.25 6.15 0.00	57.67 4.82 0.00	42.78 4.14 6.72	0.13 3.29 40.91	-32.70 2.80 69.14	-1.12 2.34 34.43	9.60 1.95 21.23	47.46 2.83 0.00	38.53 2.25 0.00	30.88 1.79 0.00	29.60 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	46.51 3.09 0.00	42.06 2.78 0.00	39.07 2.37 0.00	34.37 2.03 0.00	32.29 1.92 0.00	38.12 2.05 0.00	40.83 2.26 0.00	44.64 3.04 0.00	45.17 3.52 0.00	48.28 4.09 0.00	47.00 4.41 0.00	60.46 5.80 0.00	61.85 6.22 0.00	78.35 7.26 0.00	58.56 5.72 0.00	54.98 5.10 -4.52	69.35 4.08 -27.51	83.41 3.34 -46.43	56.76 2.68 -23.12	45.47 2.33 -14.26	48.01 3.39 0.01	39.06 2.78 0.01	31.34 2.25 0.00	30.05 2.08 0.00
N.TROY___115KV_TB1 355778	45.42 1.99 0.00	40.99 1.72 0.00	38.19 1.49 0.00	33.73 1.40 0.00	31.65 1.28 0.00	37.53 1.46 0.00	40.03 1.46 0.00	43.29 1.69 0.00	43.36 1.71 0.00	46.17 1.98 0.00	44.54 1.95 0.00	57.06 2.40 0.00	58.39 2.76 0.00	74.60 3.50 0.00	55.64 2.79 0.00	48.60 2.48 -0.77	44.51 2.10 -4.66	35.49 1.85 0.00	32.58 1.61 0.00	30.30 1.41 0.00	46.92 2.29 0.00	38.14 1.85 0.00	30.54 1.45 0.00	29.29 1.32 0.00
NARROWS_GT1_1 24228	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT1_2 24229	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT1_3 24230	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT1_4 24231	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT1_5 24232	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00

NARROWS_GT1_6 24233	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT1_7 24234	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT1_8 24235	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_1 24236	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_2 24237	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_3 24238	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_4 24239	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_5 24240	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_6 24241	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_7 24242	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NARROWS_GT2_8 24243	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.54 4.26 -0.09	159.96 4.64 -112.73	91.11 5.89 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.99 5.12 -32.51	91.29 4.12 -49.41	105.33 3.36 -68.33	77.65 2.60 -44.09	60.13 2.25 -29.00	71.78 3.27 -23.88	59.18 2.68 -20.22	31.33 2.24 0.00	30.11 2.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.98 2.56 0.00	41.51 2.24 0.00	38.70 2.01 0.00	34.15 1.81 0.00	32.04 1.66 0.00	37.97 1.90 0.00	40.51 1.94 0.00	43.70 2.10 0.00	43.56 1.91 0.00	46.38 2.20 0.00	44.39 1.80 0.00	56.71 2.05 0.00	57.81 2.18 0.00	74.23 3.14 0.00	55.48 2.63 0.00	-1.33 2.12 48.81	24.52 1.85 15.08	35.48 1.84 0.00	32.60 1.63 0.00	30.36 1.47 0.00	47.07 2.44 0.00	38.16 1.88 0.00	30.62 1.53 0.00	29.56 1.59 0.00
NCHELSEA_115KV_TR2 355582	46.43 3.01 0.00	41.85 2.58 0.00	38.83 2.13 0.00	34.19 1.85 0.00	32.06 1.69 0.00	37.99 1.92 0.00	40.66 2.10 0.00	44.38 2.79 0.00	44.84 3.19 0.00	47.98 3.79 0.00	46.63 4.04 0.00	59.83 5.17 0.00	61.14 5.51 0.00	77.94 6.85 0.00	58.29 5.44 0.00	50.20 4.83 0.00	41.63 3.88 0.00	36.95 3.32 0.00	33.76 2.79 0.00	31.28 2.39 0.00	48.12 3.49 0.00	39.06 2.78 0.00	31.26 2.17 0.00	29.94 1.97 0.00
NEG CAPITAL___MECHNVIL 23645	46.55 3.12 0.00	41.84 2.57 0.00	38.95 2.25 0.00	34.37 2.04 0.00	32.25 1.88 0.00	38.31 2.24 0.00	40.92 2.36 0.00	44.31 2.71 0.00	44.41 2.76 0.00	47.28 3.10 0.00	45.62 3.03 0.00	58.58 3.92 0.00	59.87 4.25 0.00	76.53 5.43 0.00	57.07 4.23 0.00	49.82 3.72 -0.74	45.39 3.16 -4.48	36.48 2.84 0.00	33.51 2.54 0.00	31.20 2.31 0.00	48.32 3.69 0.00	39.26 2.98 0.00	31.38 2.29 0.00	30.03 2.07 0.00
NEG CENTRAL_HIGH_ACRES 23767	43.95 0.53 0.00	38.88 -0.40 0.00	36.01 -0.69 0.00	31.58 -0.76 0.00	29.69 -0.68 0.00	35.54 -0.53 0.00	38.34 -0.22 0.00	41.79 0.19 0.00	42.13 0.49 0.00	44.75 0.57 0.00	43.35 0.76 0.00	55.94 1.27 0.00	56.37 0.74 0.00	71.41 0.31 0.00	52.28 -0.57 0.00	44.64 -0.73 0.00	36.98 -0.77 0.00	33.17 -0.47 0.00	30.64 -0.33 0.00	29.08 0.19 0.00	45.01 0.39 0.00	36.71 0.42 0.00	29.43 0.33 0.00	28.14 0.18 0.00

NEG CENTRAL___DRP 24199	44.76 1.26 -0.08	39.80 0.49 -0.03	37.02 0.28 -0.04	32.52 0.19 0.00	30.56 0.18 0.00	36.54 0.47 0.00	39.21 0.65 0.00	42.70 1.10 0.00	42.96 1.31 0.00	45.61 1.42 0.00	44.19 1.60 0.00	57.12 2.37 -0.09	59.07 2.14 -1.31	77.74 2.43 -4.22	57.42 1.09 -3.49	49.10 0.82 -2.91	38.23 0.47 -0.01	34.24 0.61 0.00	31.62 0.65 0.00	29.79 0.90 0.00	46.08 1.36 -0.09	37.42 1.13 0.00	30.00 0.91 0.00	28.67 0.70 0.00
NEG CENTRAL___INDECK 23768	45.46 2.04 0.00	39.95 0.67 0.00	36.98 0.28 0.00	32.33 -0.01 0.00	30.43 0.05 0.00	36.54 0.47 0.00	39.52 0.95 0.00	43.17 1.58 0.00	43.32 1.67 0.00	46.13 1.95 0.00	44.69 2.09 0.00	56.52 1.86 0.00	55.40 -0.23 0.00	69.67 -1.42 0.00	51.23 -1.62 0.00	44.17 -1.19 0.00	36.49 -1.26 0.00	32.83 -0.80 0.00	30.39 -0.58 0.00	29.00 0.11 0.00	44.96 0.34 0.00	36.64 0.36 0.00	30.51 1.42 0.00	29.08 1.11 0.00
NEG CENTRAL___SENECA 23627	45.14 1.68 -0.04	39.96 0.67 -0.02	37.13 0.41 -0.02	32.65 0.31 0.00	30.66 0.29 0.00	36.73 0.66 0.00	39.47 0.91 0.00	43.09 1.50 0.00	43.36 1.71 0.00	45.98 1.80 0.00	44.65 2.06 0.00	57.66 2.95 -0.05	58.88 2.59 -0.66	75.92 2.87 -1.96	54.89 1.34 -0.70	46.73 1.02 -0.35	38.34 0.59 -0.01	34.42 0.79 0.00	31.85 0.88 0.00	30.08 1.20 0.00	46.44 1.77 -0.05	37.77 1.49 0.00	30.31 1.22 0.00	28.93 0.97 0.00
NEG CENTRAL___STATE_STREET 24147	44.52 1.00 -0.10	39.84 0.52 -0.04	37.11 0.36 -0.05	32.61 0.27 0.00	30.60 0.23 0.00	36.55 0.48 0.00	39.08 0.52 0.00	42.43 0.84 0.00	42.75 1.10 0.00	45.44 1.26 0.00	43.89 1.31 0.00	56.89 2.10 -0.12	59.35 1.99 -1.73	79.07 2.48 -5.49	58.11 1.17 -4.09	49.64 0.98 -3.30	38.39 0.62 -0.02	34.32 0.68 0.00	31.57 0.60 0.00	29.71 0.82 0.00	46.01 1.27 -0.12	37.28 1.00 0.00	29.85 0.76 0.00	28.59 0.62 0.00
NEG MILLWOOD___DRP 24198	46.65 3.22 0.00	42.04 2.76 0.00	39.00 2.30 0.00	34.32 1.99 0.00	32.19 1.81 0.00	38.14 2.07 0.00	40.82 2.26 0.00	44.60 3.00 0.00	45.07 3.43 0.00	48.20 4.01 0.00	46.94 4.35 0.00	60.28 5.62 0.00	61.64 6.01 0.00	78.57 7.47 0.00	58.75 5.90 0.00	52.04 5.20 -1.48	50.97 4.21 -9.01	53.76 3.59 -16.54	42.20 3.00 -8.24	36.56 2.60 -5.08	48.40 3.78 0.00	39.25 2.97 0.00	31.41 2.32 0.00	30.08 2.12 0.00
NEG NORTH_FLCN_SEA 23793	43.23 -0.18 0.00	39.29 0.02 0.00	36.86 0.17 0.00	32.72 0.39 0.00	30.72 0.34 0.00	36.44 0.37 0.00	38.96 0.39 0.00	41.98 0.38 0.00	42.04 0.39 0.00	44.19 0.00 0.00	41.39 -1.21 0.00	52.29 -2.37 0.00	52.45 -2.82 0.35	64.88 -3.21 3.01	38.11 -2.39 12.35	30.27 -2.23 12.86	36.06 -1.69 0.00	32.17 -1.47 0.00	29.66 -1.31 0.00	27.93 -0.95 0.00	43.27 -1.36 0.00	35.54 -0.74 0.00	29.07 -0.02 0.00	28.17 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	42.70 -0.73 0.00	38.77 -0.51 0.00	36.39 -0.31 0.00	32.27 -0.07 0.00	30.29 -0.09 0.00	35.92 -0.15 0.00	38.46 -0.11 0.00	41.26 -0.33 0.00	41.27 -0.37 0.00	43.39 -0.80 0.00	41.07 -1.52 0.00	52.38 -2.28 0.00	52.64 -2.57 0.42	64.67 -2.82 3.61	35.92 -2.12 14.81	27.96 -1.98 15.43	36.36 -1.39 0.00	32.48 -1.16 0.00	30.04 -0.93 0.00	28.20 -0.69 0.00	43.68 -0.94 0.00	35.61 -0.68 0.00	28.76 -0.33 0.00	27.75 -0.22 0.00
NEG NORTH___ALICE_FALLS 23915	43.29 -0.13 0.00	39.35 0.07 0.00	36.93 0.23 0.00	32.79 0.45 0.00	30.78 0.40 0.00	36.53 0.45 0.00	39.05 0.49 0.00	42.09 0.49 0.00	42.18 0.53 0.00	44.37 0.19 0.00	41.66 -0.94 0.00	52.72 -1.94 0.00	52.95 -2.32 0.36	65.38 -2.61 3.11	38.16 -1.95 12.74	30.22 -1.87 13.27	36.38 -1.37 0.00	32.47 -1.16 0.00	29.94 -1.03 0.00	28.23 -0.66 0.00	43.67 -0.95 0.00	35.75 -0.53 0.00	29.08 -0.01 0.00	28.24 0.27 0.00
NEG NORTH___LWR_SARANAC 23913	43.29 -0.13 0.00	39.35 0.07 0.00	36.93 0.23 0.00	32.79 0.45 0.00	30.78 0.40 0.00	36.53 0.45 0.00	39.05 0.49 0.00	42.09 0.49 0.00	42.18 0.53 0.00	44.37 0.19 0.00	41.66 -0.94 0.00	52.72 -1.94 0.00	52.95 -2.32 0.36	65.38 -2.61 3.11	38.16 -1.95 12.74	30.22 -1.87 13.27	36.38 -1.37 0.00	32.47 -1.16 0.00	29.94 -1.03 0.00	28.23 -0.66 0.00	43.67 -0.95 0.00	35.75 -0.53 0.00	29.08 -0.01 0.00	28.24 0.27 0.00
NEG NORTH___PLATTSBURG 23628	43.29 -0.13 0.00	39.35 0.07 0.00	36.93 0.23 0.00	32.78 0.45 0.00	30.78 0.40 0.00	36.53 0.45 0.00	39.05 0.49 0.00	42.09 0.49 0.00	42.18 0.53 0.00	44.37 0.19 0.00	41.66 -0.93 0.00	52.72 -1.94 0.00	52.94 -2.32 0.36	65.38 -2.61 3.11	38.16 -1.95 12.74	30.22 -1.88 13.27	36.37 -1.38 0.00	32.47 -1.16 0.00	29.94 -1.03 0.00	28.23 -0.66 0.00	43.67 -0.95 0.00	35.75 -0.53 0.00	29.08 -0.01 0.00	28.24 0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	44.26 0.84 0.00	38.49 -0.78 0.00	35.45 -1.25 0.00	30.92 -1.42 0.00	29.16 -1.21 0.00	35.12 -0.95 0.00	38.14 -0.42 0.00	41.68 0.09 0.00	42.03 0.38 0.00	44.38 0.20 0.00	42.88 0.29 0.00	55.56 0.90 0.00	55.42 -0.21 0.00	69.55 -1.54 0.00	50.21 -2.64 0.00	42.64 -2.72 0.00	35.18 -2.57 0.00	31.78 -1.85 0.00	29.55 -1.41 0.00	28.62 -0.27 0.00	44.59 -0.03 0.00	36.58 0.30 0.00	29.49 0.40 0.00	28.25 0.28 0.00
NEG WEST___LANCASTR 23811	44.84 1.42 0.00	39.19 -0.09 0.00	36.21 -0.49 0.00	31.61 -0.73 0.00	29.78 -0.59 0.00	35.85 -0.22 0.00	38.86 0.30 0.00	42.51 0.92 0.00	42.85 1.20 0.00	45.28 1.10 0.00	43.86 1.27 0.00	56.77 2.11 0.00	56.82 1.19 0.00	71.69 0.59 0.00	51.89 -0.95 0.00	44.22 -1.15 0.00	36.35 -1.40 0.00	32.81 -0.83 0.00	30.40 -0.57 0.00	29.26 0.38 0.00	45.47 0.84 0.00	37.12 0.83 0.00	29.89 0.80 0.00	28.61 0.64 0.00
NEG_PENN_ALLEGHNY 23528	44.72 1.25 -0.05	39.90 0.61 -0.02	37.21 0.49 -0.02	32.65 0.31 0.00	30.66 0.29 0.00	36.59 0.52 0.00	39.33 0.77 0.00	42.78 1.19 0.00	42.93 1.28 0.00	45.53 1.34 0.00	44.13 1.53 0.00	56.91 2.20 -0.06	58.50 2.12 -0.75	75.89 2.56 -2.23	55.20 1.55 -0.80	47.10 1.34 -0.40	38.50 0.74 -0.01	34.46 0.83 0.00	31.69 0.72 0.00	29.74 0.86 0.00	45.97 1.29 -0.06	37.29 1.01 0.00	29.92 0.83 0.00	28.63 0.66 0.00
NEG___GEN_MONROE 24207	45.55 2.13 0.00	39.94 0.66 0.00	36.81 0.11 0.00	32.20 -0.13 0.00	30.31 -0.07 0.00	36.35 0.28 0.00	39.30 0.74 0.00	42.96 1.36 0.00	43.23 1.58 0.00	45.94 1.76 0.00	44.46 1.87 0.00	57.42 2.76 0.00	57.61 1.98 0.00	72.82 1.72 0.00	53.03 0.19 0.00	45.23 -0.13 0.00	37.42 -0.33 0.00	33.65 0.01 0.00	31.12 0.16 0.00	29.72 0.84 0.00	46.11 1.49 0.00	37.69 1.40 0.00	30.25 1.16 0.00	28.92 0.96 0.00
NEPA___ENERGY 23901	45.22 1.80 0.00	39.40 0.12 0.00	36.54 -0.16 0.00	31.81 -0.52 0.00	29.94 -0.43 0.00	36.18 0.10 0.00	39.24 0.67 0.00	43.09 1.50 0.00	43.42 1.77 0.00	45.87 1.69 0.00	44.56 1.97 0.00	57.73 3.07 0.00	57.94 2.31 0.00	73.34 2.24 0.00	52.94 0.10 0.00	45.17 -0.19 0.00	36.92 -0.83 0.00	33.39 -0.25 0.00	30.87 -0.10 0.00	29.64 0.76 0.00	45.95 1.33 0.00	37.46 1.18 0.00	30.17 1.08 0.00	28.78 0.81 0.00

NEVERSINK___HYD 23608	45.26 1.84 0.00	40.76 1.49 0.00	37.84 1.14 0.00	33.29 0.95 0.00	31.21 0.83 0.00	36.99 0.92 0.00	39.61 1.05 0.00	43.24 1.64 0.00	43.64 1.99 0.00	46.73 2.54 0.00	45.46 2.87 0.00	58.36 3.70 0.00	59.33 3.70 0.00	73.64 2.54 0.00	55.20 2.36 0.00	42.51 2.35 5.20	32.40 1.84 7.18	24.18 1.49 10.94	26.72 1.20 5.45	26.43 0.90 3.36	46.02 1.40 0.00	38.23 1.95 0.00	30.54 1.46 0.00	29.20 1.24 0.00
NEWKRMKL_115KV_TB1 55635	44.53 1.11 0.00	40.28 1.00 0.00	37.54 0.84 0.00	33.14 0.80 0.00	31.11 0.73 0.00	36.83 0.76 0.00	39.31 0.75 0.00	42.55 0.95 0.00	42.66 1.01 0.00	45.44 1.26 0.00	43.84 1.25 0.00	56.10 1.44 0.00	57.36 1.73 0.00	73.22 2.13 0.00	54.68 1.84 0.00	47.72 1.61 -0.74	43.56 1.31 -4.50	34.76 1.12 0.00	31.86 0.89 0.00	29.63 0.74 0.00	45.81 1.19 0.00	37.22 0.94 0.00	29.86 0.77 0.00	28.71 0.74 0.00
NEWTON___FALLS_HYD 23847	43.99 0.53 -0.04	39.51 0.22 -0.02	36.67 -0.05 -0.02	32.20 -0.14 0.00	30.24 -0.13 0.00	35.92 -0.15 0.00	38.53 -0.03 0.00	41.47 -0.13 0.00	41.39 -0.26 0.00	43.58 -0.60 0.00	42.00 -0.59 0.00	53.95 -0.77 -0.05	57.78 -0.81 -2.96	92.48 -0.32 -21.70	134.33 -0.19 -81.68	129.89 -0.18 -84.71	37.68 -0.08 -0.01	33.75 0.12 0.00	31.18 0.22 0.00	29.21 0.33 0.00	44.49 -0.19 -0.05	36.54 0.26 0.00	29.35 0.26 0.00	28.12 0.15 0.00
NGRID_A1_DSASP 323792	43.97 0.55 0.00	38.26 -1.02 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.26 -0.33 0.00	54.61 -0.05 0.00	54.37 -1.26 0.00	68.14 -2.96 0.00	49.19 -3.66 0.00	41.80 -3.56 0.00	34.55 -3.20 0.00	31.22 -2.42 0.00	29.05 -1.92 0.00	28.17 -0.72 0.00	43.80 -0.82 0.00	36.03 -0.25 0.00	29.18 0.09 0.00	27.97 0.01 0.00
NGRID_A2_DSASP 323793	43.97 0.55 0.00	38.26 -1.02 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.26 -0.33 0.00	54.61 -0.05 0.00	54.37 -1.26 0.00	68.14 -2.96 0.00	49.19 -3.66 0.00	41.80 -3.56 0.00	34.55 -3.20 0.00	31.22 -2.42 0.00	29.05 -1.92 0.00	28.17 -0.72 0.00	43.80 -0.82 0.00	36.03 -0.25 0.00	29.18 0.09 0.00	27.97 0.01 0.00
NGRID_A4_DSASP 323807	43.97 0.55 0.00	38.26 -1.02 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.26 -0.33 0.00	54.61 -0.05 0.00	54.37 -1.26 0.00	68.14 -2.96 0.00	49.19 -3.66 0.00	41.80 -3.56 0.00	34.55 -3.20 0.00	31.22 -2.42 0.00	29.05 -1.92 0.00	28.17 -0.72 0.00	43.80 -0.82 0.00	36.03 -0.25 0.00	29.18 0.09 0.00	27.97 0.01 0.00
NIAGARA_115E_LBMP 323715	43.86 0.44 0.00	38.14 -1.14 0.00	35.11 -1.59 0.00	30.63 -1.70 0.00	28.89 -1.48 0.00	34.81 -1.26 0.00	37.80 -0.76 0.00	41.26 -0.33 0.00	41.59 -0.06 0.00	43.87 -0.31 0.00	42.42 -0.18 0.00	54.99 0.33 0.00	54.87 -0.76 0.00	68.81 -2.28 0.00	49.72 -3.12 0.00	42.24 -3.12 0.00	34.90 -2.85 0.00	31.53 -2.10 0.00	29.33 -1.64 0.00	28.40 -0.49 0.00	44.19 -0.43 0.00	36.29 0.01 0.00	29.26 0.17 0.00	28.03 0.07 0.00
NIAGARA_115W_LBMP 323714	43.89 0.47 0.00	38.21 -1.07 0.00	35.18 -1.52 0.00	30.70 -1.64 0.00	28.96 -1.42 0.00	34.86 -1.21 0.00	37.85 -0.71 0.00	41.32 -0.27 0.00	41.47 -0.18 0.00	43.64 -0.54 0.00	42.17 -0.42 0.00	54.47 -0.19 0.00	54.22 -1.41 0.00	67.95 -3.15 0.00	49.08 -3.76 0.00	41.71 -3.66 0.00	34.49 -3.26 0.00	31.15 -2.48 0.00	28.99 -1.98 0.00	28.10 -0.78 0.00	43.70 -0.92 0.00	35.95 -0.33 0.00	29.12 0.03 0.00	27.92 -0.05 0.00
NIAGARA_230_LBMP 323716	43.93 0.51 0.00	38.30 -0.98 0.00	35.30 -1.40 0.00	30.80 -1.53 0.00	29.05 -1.33 0.00	34.95 -1.12 0.00	37.94 -0.62 0.00	41.42 -0.18 0.00	41.71 0.06 0.00	44.02 -0.16 0.00	42.55 -0.05 0.00	55.14 0.48 0.00	55.01 -0.61 0.00	69.11 -1.98 0.00	49.99 -2.85 0.00	42.49 -2.87 0.00	35.10 -2.66 0.00	31.70 -1.94 0.00	29.46 -1.51 0.00	28.49 -0.39 0.00	44.32 -0.30 0.00	36.35 0.07 0.00	29.31 0.22 0.00	28.09 0.13 0.00
NIAGARA___115KV_198_GIBSON 55903	43.90 0.48 0.00	38.20 -1.07 0.00	35.18 -1.52 0.00	30.70 -1.64 0.00	28.96 -1.41 0.00	34.86 -1.21 0.00	37.85 -0.71 0.00	41.33 -0.27 0.00	41.47 -0.17 0.00	43.65 -0.53 0.00	42.17 -0.42 0.00	54.48 -0.18 0.00	54.24 -1.39 0.00	67.98 -3.11 0.00	49.07 -3.77 0.00	41.70 -3.66 0.00	34.44 -3.31 0.00	31.11 -2.52 0.00	28.96 -2.00 0.00	28.09 -0.79 0.00	43.71 -0.92 0.00	35.97 -0.31 0.00	29.12 0.03 0.00	27.92 -0.05 0.00
NIAGARA____ 23760	43.93 0.51 0.00	38.30 -0.98 0.00	35.30 -1.40 0.00	30.80 -1.53 0.00	29.05 -1.33 0.00	34.95 -1.12 0.00	37.94 -0.62 0.00	41.42 -0.18 0.00	41.71 0.06 0.00	44.02 -0.16 0.00	42.55 -0.05 0.00	55.14 0.48 0.00	55.01 -0.61 0.00	69.11 -1.98 0.00	49.99 -2.85 0.00	42.49 -2.87 0.00	35.10 -2.66 0.00	31.70 -1.94 0.00	29.46 -1.51 0.00	28.49 -0.39 0.00	44.32 -0.30 0.00	36.35 0.07 0.00	29.31 0.22 0.00	28.09 0.13 0.00
NINE_MILE_1 23575	41.85 -0.89 0.69	37.95 -1.04 0.30	35.30 -1.07 0.34	31.36 -0.98 0.00	29.46 -0.91 0.00	35.05 -1.02 0.00	37.56 -1.01 0.00	40.67 -0.93 0.00	40.78 -0.87 0.00	43.29 -0.90 0.00	41.81 -0.78 0.00	52.91 -0.91 0.84	43.44 -0.98 11.21	36.51 -1.40 33.19	39.75 -1.20 11.90	38.39 -1.05 5.92	36.68 -0.94 0.13	32.85 -0.79 0.00	30.23 -0.73 0.00	28.30 -0.58 0.00	42.86 -0.92 0.84	35.56 -0.72 0.00	28.50 -0.59 0.00	27.35 -0.61 0.00
NINE_MILE_2 23744	41.84 -0.89 0.70	37.94 -1.04 0.30	35.29 -1.07 0.34	31.36 -0.97 0.00	29.46 -0.91 0.00	35.05 -1.02 0.00	37.56 -1.00 0.00	40.67 -0.93 0.00	40.77 -0.87 0.00	43.28 -0.90 0.00	41.81 -0.78 0.00	52.90 -0.91 0.85	43.27 -0.98 11.38	36.01 -1.40 33.69	39.57 -1.20 12.08	38.30 -1.05 6.01	36.68 -0.94 0.13	32.85 -0.79 0.00	30.23 -0.73 0.00	28.30 -0.58 0.00	42.85 -0.92 0.85	35.56 -0.72 0.00	28.50 -0.60 0.00	27.35 -0.62 0.00
NM_CAPITAL___DRP 24208	44.60 1.18 0.00	40.34 1.06 0.00	37.60 0.91 0.00	33.20 0.86 0.00	31.17 0.79 0.00	36.90 0.83 0.00	39.37 0.81 0.00	42.60 1.01 0.00	42.71 1.06 0.00	45.49 1.31 0.00	43.90 1.31 0.00	56.16 1.50 0.00	57.43 1.80 0.00	73.33 2.24 0.00	54.77 1.92 0.00	47.81 1.69 -0.76	43.75 1.38 -4.62	34.81 1.17 0.00	31.92 0.95 0.00	29.68 0.79 0.00	45.89 1.27 0.00	37.29 1.01 0.00	29.91 0.82 0.00	28.75 0.78 0.00
NM_CENTRAL___DRP 24181	43.73 0.25 -0.07	39.17 -0.14 -0.03	36.48 -0.25 -0.03	32.05 -0.29 0.00	30.10 -0.27 0.00	35.86 -0.21 0.00	38.48 -0.08 0.00	41.75 0.15 0.00	41.89 0.24 0.00	44.52 0.34 0.00	43.11 0.52 0.00	55.57 0.83 -0.08	57.60 0.80 -1.17	75.97 0.86 -4.02	57.77 0.40 -4.52	49.77 0.32 -4.09	37.91 0.15 -0.01	33.83 0.20 0.00	31.08 0.11 0.00	29.11 0.22 0.00	45.00 0.29 -0.08	36.53 0.25 0.00	29.26 0.16 0.00	28.03 0.07 0.00

NM_FRONTIER___DRP 24179	43.90 0.48 0.00	38.20 -1.07 0.00	35.18 -1.52 0.00	30.70 -1.64 0.00	28.96 -1.41 0.00	34.86 -1.21 0.00	37.85 -0.71 0.00	41.33 -0.27 0.00	41.47 -0.17 0.00	43.65 -0.53 0.00	42.17 -0.42 0.00	54.48 -0.18 0.00	54.24 -1.39 0.00	67.98 -3.11 0.00	49.07 -3.77 0.00	41.70 -3.66 0.00	34.44 -3.31 0.00	31.11 -2.52 0.00	28.96 -2.00 0.00	28.09 -0.79 0.00	43.71 -0.92 0.00	35.97 -0.31 0.00	29.12 0.03 0.00	27.92 -0.05 0.00
NM_ST_REGIS___HYD 24053	42.70 -0.72 0.00	38.69 -0.59 0.00	36.05 -0.65 0.00	31.83 -0.51 0.00	29.88 -0.50 0.00	35.41 -0.66 0.00	37.94 -0.63 0.00	40.66 -0.93 0.00	40.35 -1.30 0.00	42.32 -1.86 0.00	40.31 -2.28 0.00	51.57 -3.09 0.00	51.27 -3.30 1.07	58.29 -3.69 9.11	12.72 -2.76 37.37	4.04 -2.39 38.93	36.02 -1.72 0.00	32.18 -1.46 0.00	29.78 -1.19 0.00	27.93 -0.95 0.00	43.05 -1.57 0.00	35.11 -1.18 0.00	28.34 -0.75 0.00	27.31 -0.65 0.00
NORTHPORT___1 23551	45.62 2.20 0.00	41.52 2.24 0.00	38.91 2.21 0.00	34.18 1.84 0.00	32.06 1.69 0.00	37.85 1.78 0.00	40.53 1.97 0.00	28.53 2.68 15.75	7.45 3.01 37.20	29.51 3.51 18.18	30.24 4.05 16.41	-7.64 5.18 67.49	45.09 5.54 16.08	46.34 6.90 31.65	93.72 5.23 -35.65	57.44 4.50 -7.58	75.34 3.70 -33.89	68.88 3.12 -32.12	120.70 2.69 -87.04	60.87 2.13 -29.85	48.03 2.50 -0.91	37.93 1.95 0.30	26.56 1.47 3.99	27.69 1.29 1.56
NORTHPORT___2 23552	45.55 2.20 0.07	41.52 2.24 0.00	38.91 2.21 0.00	34.18 1.84 0.00	32.06 1.69 0.00	37.85 1.78 0.00	40.50 1.94 0.00	44.25 2.66 0.00	42.08 2.90 2.47	15.32 3.32 32.18	39.85 3.88 6.62	39.90 4.96 19.72	39.81 5.32 21.13	39.67 6.61 38.03	70.21 5.17 -12.19	57.44 4.50 -7.58	75.34 3.70 -33.89	65.56 3.12 -28.81	64.71 2.69 -31.05	27.33 2.13 3.68	26.33 2.50 20.79	27.88 1.95 10.35	26.56 1.47 3.99	27.63 1.29 1.62
NORTHPORT___3 23553	45.43 2.08 0.07	41.48 2.21 0.00	38.88 2.18 0.00	34.15 1.82 0.00	31.99 1.62 0.00	37.80 1.73 0.00	40.45 1.89 0.00	44.19 2.59 0.00	42.01 2.83 2.47	15.19 3.19 32.19	39.74 3.78 6.63	39.81 4.88 19.73	39.81 5.32 21.14	40.26 6.63 37.47	48.99 5.23 9.09	56.47 4.56 -6.55	72.90 3.76 -31.38	66.15 3.19 -29.32	64.51 2.62 -30.92	26.96 2.12 4.04	26.32 2.52 20.83	27.84 1.92 10.36	26.52 1.44 4.00	27.62 1.29 1.63
NORTHPORT___4 23650	45.43 2.08 0.07	41.48 2.21 0.00	38.88 2.18 0.00	34.15 1.82 0.00	31.99 1.62 0.00	37.80 1.73 0.00	40.45 1.89 0.00	44.19 2.59 0.00	42.01 2.83 2.47	15.19 3.19 32.19	39.74 3.78 6.63	39.81 4.88 19.73	39.81 5.32 21.14	40.26 6.63 37.47	48.99 5.23 9.09	56.47 4.56 -6.55	72.90 3.76 -31.38	66.15 3.19 -29.32	64.51 2.62 -30.92	26.96 2.12 4.04	26.32 2.52 20.83	27.84 1.92 10.36	26.52 1.44 4.00	27.62 1.29 1.63
NORTHPORT___IC 23718	45.55 2.20 0.07	41.53 2.25 0.00	38.91 2.21 0.00	34.18 1.84 0.00	32.06 1.69 0.00	37.84 1.77 0.00	40.54 1.97 0.00	28.52 2.67 15.75	7.45 3.01 37.20	29.51 3.50 18.18	30.24 4.05 16.41	-7.64 5.18 67.49	45.09 5.54 16.08	46.34 6.90 31.66	93.71 5.22 -35.65	57.44 4.50 -7.57	75.35 3.70 -33.89	65.56 3.12 -28.80	64.71 2.69 -31.05	27.33 2.13 3.68	26.34 2.50 20.79	27.88 1.95 10.35	26.56 1.47 3.99	27.63 1.29 1.62
NORTH___COUNTRY_ESR 323785	42.54 -0.89 0.00	38.65 -0.62 0.00	36.30 -0.40 0.00	32.19 -0.14 0.00	30.22 -0.16 0.00	35.84 -0.23 0.00	38.35 -0.22 0.00	41.15 -0.44 0.00	41.21 -0.44 0.00	43.36 -0.82 0.00	41.05 -1.54 0.00	52.38 -2.29 0.00	52.61 -2.60 0.42	64.58 -2.89 3.62	35.82 -2.17 14.86	27.88 -2.00 15.48	36.30 -1.46 0.00	32.37 -1.27 0.00	29.92 -1.05 0.00	28.06 -0.83 0.00	43.43 -1.20 0.00	35.42 -0.87 0.00	28.61 -0.48 0.00	27.65 -0.32 0.00
NPX_GEN_1385_PROXY 323591	45.65 2.24 0.01	40.98 1.71 0.00	38.59 1.89 0.00	33.71 1.37 0.00	32.11 1.74 0.00	37.55 1.48 0.00	40.21 1.65 0.00	27.75 1.90 15.75	6.85 2.41 37.20	29.83 3.82 18.18	29.81 4.44 17.22	-7.74 5.09 67.49	45.69 6.14 16.08	48.48 7.75 30.37	94.38 5.88 -35.65	57.96 5.02 -7.58	75.66 4.01 -33.89	68.94 3.79 -31.52	354.25 3.61 -319.67	86.88 3.01 -54.99	49.31 3.66 -1.03	37.03 2.88 2.14	27.20 1.58 3.47	27.09 1.12 2.00
NPX_GEN_CSC 323557	45.87 2.45 0.00	41.57 2.29 0.00	38.90 2.20 0.00	34.27 1.93 0.00	32.14 1.77 0.00	38.06 1.99 0.00	40.78 2.22 0.00	44.64 3.04 0.00	45.07 3.42 0.00	48.23 4.04 0.00	50.32 4.75 -2.99	210.83 6.15 -150.02	233.80 6.48 -171.69	222.73 7.79 -143.85	128.30 5.83 -69.63	167.39 5.26 -116.77	245.64 4.44 -203.45	249.10 3.83 -211.64	202.73 3.26 -168.50	156.23 2.69 -124.65	52.75 3.28 -4.85	38.93 2.64 0.00	31.55 1.94 -0.52	29.04 1.50 0.43
NSINS_S_GLNS_FALLS 23858	46.93 3.51 0.00	42.07 2.80 0.00	39.13 2.44 0.00	34.61 2.27 0.00	32.46 2.08 0.00	38.59 2.52 0.00	41.26 2.70 0.00	44.74 3.14 0.00	44.80 3.15 0.00	47.66 3.48 0.00	45.82 3.23 0.00	58.91 4.25 0.00	60.15 4.52 0.00	76.99 5.89 0.00	57.30 4.46 0.00	50.00 3.93 -0.71	45.45 3.38 -4.32	36.82 3.18 0.00	33.92 2.95 0.00	31.62 2.73 0.00	49.06 4.44 0.00	39.91 3.63 0.00	31.83 2.74 0.00	30.41 2.44 0.00
NUCOR_STEEL___DRP 24197	44.42 0.89 -0.11	39.77 0.45 -0.05	37.07 0.32 -0.05	32.56 0.23 0.00	30.56 0.18 0.00	36.49 0.42 0.00	38.99 0.43 0.00	42.32 0.72 0.00	42.62 0.98 0.00	45.30 1.11 0.00	43.80 1.21 0.00	56.68 1.88 -0.13	59.22 1.74 -1.85	79.11 2.17 -5.85	58.08 0.96 -4.27	49.58 0.80 -3.42	38.24 0.47 -0.02	34.18 0.54 0.00	31.45 0.48 0.00	29.63 0.74 0.00	45.92 1.17 -0.13	37.21 0.92 0.00	29.78 0.69 0.00	28.53 0.57 0.00
NUMBER_THREE_WT_PWR 323818	44.98 1.51 -0.05	40.36 1.07 -0.02	37.54 0.82 -0.02	33.00 0.67 0.00	30.99 0.61 0.00	36.89 0.82 0.00	39.58 1.02 0.00	42.73 1.13 0.00	42.80 1.15 0.00	45.17 0.99 0.00	43.48 0.89 0.00	55.79 1.07 -0.06	58.53 1.11 -1.79	84.08 2.06 -10.92	90.56 1.68 -36.04	83.84 1.40 -37.08	38.94 1.18 -0.01	34.95 1.31 0.00	32.23 1.26 0.00	30.13 1.25 0.00	45.66 0.98 -0.06	37.74 1.45 0.00	30.21 1.12 0.00	28.88 0.91 0.00
NYISO_LBMP_REFERENCE 24008	43.42 0.00 0.00	39.28 0.00 0.00	36.70 0.00 0.00	32.34 0.00 0.00	30.38 0.00 0.00	36.07 0.00 0.00	38.57 0.00 0.00	41.59 0.00 0.00	41.65 0.00 0.00	44.19 0.00 0.00	42.59 0.00 0.00	54.66 0.00 0.00	55.63 0.00 0.00	71.09 0.00 0.00	52.85 0.00 0.00	45.36 0.00 0.00	37.75 0.00 0.00	33.64 0.00 0.00	30.97 0.00 0.00	28.88 0.00 0.00	44.62 0.00 0.00	36.28 0.00 0.00	29.09 0.00 0.00	27.96 0.00 0.00
NYPA_BRENTWD____GT 24164	46.60 3.17 0.00	42.25 2.97 0.00	39.51 2.81 0.00	34.71 2.37 0.00	32.55 2.18 0.00	38.48 2.41 0.00	41.23 2.67 0.00	45.12 3.53 0.00	45.58 3.93 0.00	48.65 4.47 0.00	51.28 4.89 -3.80	101.03 6.12 -40.25	108.62 6.47 -46.53	133.09 8.04 -53.96	99.65 6.15 -40.65	115.25 5.33 -64.55	240.19 4.42 -198.02	149.68 3.77 -112.27	125.07 3.23 -90.88	73.44 2.67 -41.89	47.93 3.31 0.00	38.93 2.65 0.00	31.31 2.22 0.00	29.92 1.96 0.00

NYPA_GOWANUS____GT5 24156	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.36 0.00	44.76 3.16 0.00	45.30 3.66 0.00	48.53 4.25 -0.09	159.94 4.61 -112.73	91.08 5.86 -30.56	216.48 6.18 -154.66	126.00 7.37 -47.54	81.99 5.78 -23.36	82.97 5.10 -32.51	91.27 4.11 -49.41	105.32 3.35 -68.33	77.65 2.59 -44.09	60.13 2.24 -29.00	71.76 3.25 -23.88	59.17 2.67 -20.22	31.33 2.23 0.00	30.10 2.14 0.00
NYPA_GOWANUS____GT6 24157	55.40 3.32 -8.65	46.70 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.36 0.00	44.76 3.16 0.00	45.30 3.66 0.00	48.53 4.25 -0.09	159.94 4.61 -112.73	91.08 5.86 -30.56	216.48 6.18 -154.66	126.00 7.37 -47.54	81.99 5.78 -23.36	82.97 5.10 -32.51	91.27 4.11 -49.41	105.32 3.35 -68.33	77.65 2.59 -44.09	60.13 2.24 -29.00	71.76 3.25 -23.88	59.17 2.67 -20.22	31.33 2.23 0.00	30.10 2.14 0.00
NYPA_HARLEM__RVR__GT1 24160	46.37 2.94 0.00	41.92 2.64 0.00	38.95 2.25 0.00	34.27 1.93 0.00	32.20 1.83 0.00	38.01 1.94 0.00	40.70 2.14 0.00	44.47 2.88 0.00	45.01 3.36 0.00	48.10 3.91 0.00	46.83 4.24 0.00	60.20 5.54 0.00	61.57 5.94 0.00	78.04 6.95 0.00	58.33 5.48 0.00	54.77 4.89 -4.52	69.19 3.92 -27.51	83.26 3.19 -46.43	56.63 2.54 -23.12	45.35 2.20 -14.26	47.81 3.19 0.01	38.92 2.64 0.01	31.21 2.12 0.00	29.95 1.98 0.00
NYPA_HARLEM__RVR__GT2 24161	46.37 2.94 0.00	41.92 2.64 0.00	38.95 2.25 0.00	34.27 1.93 0.00	32.20 1.83 0.00	38.01 1.94 0.00	40.70 2.14 0.00	44.47 2.88 0.00	45.01 3.36 0.00	48.10 3.91 0.00	46.83 4.24 0.00	60.20 5.54 0.00	61.57 5.94 0.00	78.04 6.95 0.00	58.33 5.48 0.00	54.77 4.89 -4.52	69.19 3.92 -27.51	83.26 3.19 -46.43	56.63 2.54 -23.12	45.35 2.20 -14.26	47.81 3.19 0.01	38.92 2.64 0.01	31.21 2.12 0.00	29.95 1.98 0.00
NYPA_KENT____GT 24152	51.60 3.19 -4.98	44.70 2.82 -2.60	39.05 2.35 0.00	34.36 2.02 0.00	32.23 1.86 0.00	38.20 2.13 0.00	40.84 2.27 0.00	44.67 3.08 0.00	45.22 3.57 0.00	48.39 4.16 -0.05	111.97 4.50 -64.88	77.92 5.67 -17.59	121.45 6.00 -59.82	98.10 7.13 -19.88	71.94 5.65 -13.45	70.98 4.98 -20.63	81.89 4.02 -40.12	95.50 3.27 -58.59	64.77 2.53 -31.27	51.05 2.17 -19.99	57.06 3.15 -9.29	47.53 2.57 -8.68	31.25 2.16 0.00	30.04 2.08 0.00
NYPA_POUCH1____GT 24155	55.30 3.22 -8.65	46.59 2.80 -4.51	39.03 2.32 -0.01	34.32 1.99 0.00	32.19 1.82 0.00	38.20 2.13 0.00	40.87 2.30 0.00	44.70 3.11 0.00	45.23 3.58 0.00	48.42 4.15 -0.09	159.85 4.52 -112.73	91.02 5.80 -30.56	216.41 6.12 -154.66	125.96 7.33 -47.54	81.98 5.77 -23.36	82.95 5.08 -32.51	91.28 4.12 -49.41	105.33 3.36 -68.33	77.63 2.58 -44.09	60.10 2.21 -29.00	71.68 3.17 -23.88	59.07 2.57 -20.22	31.26 2.17 0.00	30.02 2.06 0.00
NYPA_VERNON____GT2 24162	47.81 3.08 -1.31	42.69 2.73 -0.68	38.98 2.28 0.00	34.30 1.97 0.00	32.19 1.82 0.00	38.12 2.05 0.00	40.79 2.23 0.00	44.63 3.03 0.00	45.18 3.53 0.00	48.29 4.09 -0.01	64.03 4.41 -17.03	64.83 5.54 -4.62	77.20 5.87 -15.70	83.29 6.97 -5.22	61.92 5.54 -3.53	59.01 4.90 -8.75	72.54 3.96 -30.82	85.70 3.20 -48.86	51.91 2.48 -18.46	42.00 2.13 -10.99	42.39 3.07 5.30	35.93 2.50 2.86	31.19 2.10 0.00	30.01 2.05 0.00
NYPA_VERNON____GT3 24163	47.81 3.08 -1.31	42.69 2.73 -0.68	38.98 2.28 0.00	34.30 1.97 0.00	32.19 1.82 0.00	38.12 2.05 0.00	40.79 2.23 0.00	44.63 3.03 0.00	45.18 3.53 0.00	48.29 4.09 -0.01	64.03 4.41 -17.03	64.83 5.54 -4.62	77.20 5.87 -15.70	83.29 6.97 -5.22	61.92 5.54 -3.53	59.01 4.90 -8.75	72.54 3.96 -30.82	85.70 3.20 -48.86	51.91 2.48 -18.46	42.00 2.13 -10.99	42.39 3.07 5.30	35.93 2.50 2.86	31.19 2.10 0.00	30.01 2.05 0.00
NYPA____ASTORIA_CC1 323568	46.41 2.99 0.00	41.94 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.16 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.17 3.98 0.00	46.89 4.30 0.00	60.07 5.40 0.00	61.35 5.72 0.00	77.90 6.80 0.00	58.26 5.41 0.00	54.67 4.79 -4.52	69.12 3.86 -27.51	81.90 3.10 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.69 2.97 12.90	30.15 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
NYPA____ASTORIA_CC2 323569	46.41 2.99 0.00	41.94 2.66 0.00	38.91 2.21 0.00	34.24 1.90 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.72 2.16 0.00	44.54 2.95 0.00	45.09 3.45 0.00	48.17 3.98 0.00	46.89 4.30 0.00	60.07 5.40 0.00	61.35 5.72 0.00	77.90 6.80 0.00	58.26 5.41 0.00	54.67 4.79 -4.52	69.12 3.86 -27.51	81.90 3.10 -45.16	45.17 2.41 -11.79	37.24 2.06 -6.29	34.69 2.97 12.90	30.15 2.43 8.57	31.14 2.05 0.00	29.96 2.00 0.00
NYPA____HOLTSVILL 23794	46.10 2.68 0.00	41.82 2.54 0.00	39.11 2.41 0.00	34.42 2.08 0.00	32.28 1.91 0.00	38.17 2.10 0.00	40.89 2.32 0.00	44.72 3.12 0.00	45.13 3.48 0.00	48.24 4.05 0.00	51.08 4.68 -3.80	203.09 6.00 -142.42	224.99 6.34 -163.03	227.97 7.85 -149.03	190.94 5.95 -132.15	214.17 5.22 -163.59	258.32 4.27 -216.30	252.00 3.67 -214.70	259.76 3.13 -225.67	183.05 2.59 -151.58	55.05 3.17 -7.25	38.76 2.48 0.00	30.96 1.88 0.00	29.58 1.62 0.00
NYPA____HELLGATE_GT1 24158	46.35 2.92 0.00	41.93 2.65 0.00	38.95 2.26 0.00	34.27 1.93 0.00	32.20 1.83 0.00	38.01 1.94 0.00	40.70 2.14 0.00	44.47 2.88 0.00	45.01 3.36 0.00	48.10 3.91 0.00	46.83 4.24 0.00	60.20 5.54 0.00	61.57 5.94 0.00	78.04 6.95 0.00	58.33 5.48 0.00	54.77 4.89 -4.52	69.19 3.92 -27.51	83.26 3.19 -46.43	56.63 2.54 -23.12	45.35 2.20 -14.26	47.81 3.19 0.01	38.92 2.64 0.01	31.21 2.12 0.00	29.95 1.98 0.00
NYPA____HELLGATE_GT2 24159	46.35 2.92 0.00	41.93 2.65 0.00	38.95 2.26 0.00	34.27 1.93 0.00	32.20 1.83 0.00	38.01 1.94 0.00	40.70 2.14 0.00	44.47 2.88 0.00	45.01 3.36 0.00	48.10 3.91 0.00	46.83 4.24 0.00	60.20 5.54 0.00	61.57 5.94 0.00	78.04 6.95 0.00	58.33 5.48 0.00	54.77 4.89 -4.52	69.19 3.92 -27.51	83.26 3.19 -46.43	56.63 2.54 -23.12	45.35 2.20 -14.26	47.81 3.19 0.01	38.92 2.64 0.01	31.21 2.12 0.00	29.95 1.98 0.00
NYS_BARGE____HYD 23848	44.47 1.05 0.00	38.68 -0.60 0.00	35.61 -1.09 0.00	31.05 -1.28 0.00	29.28 -1.09 0.00	35.27 -0.80 0.00	38.31 -0.25 0.00	41.88 0.28 0.00	42.22 0.57 0.00	44.58 0.39 0.00	43.10 0.50 0.00	55.81 1.15 0.00	55.67 0.04 0.00	69.88 -1.22 0.00	50.47 -2.38 0.00	42.86 -2.50 0.00	35.41 -2.35 0.00	31.98 -1.66 0.00	29.73 -1.23 0.00	28.77 -0.12 0.00	44.80 0.18 0.00	36.74 0.45 0.00	29.63 0.55 0.00	28.36 0.40 0.00
OAK ORCHARD____HYD 24046	44.76 1.34 0.00	39.49 0.21 0.00	36.53 -0.17 0.00	31.97 -0.36 0.00	30.09 -0.28 0.00	36.05 -0.02 0.00	38.94 0.38 0.00	42.45 0.86 0.00	42.80 1.15 0.00	45.45 1.27 0.00	43.99 1.40 0.00	56.81 2.15 0.00	57.09 1.46 0.00	72.20 1.11 0.00	52.70 -0.14 0.00	44.98 -0.38 0.00	37.25 -0.50 0.00	33.46 -0.18 0.00	30.94 -0.03 0.00	29.46 0.58 0.00	45.68 1.06 0.00	37.30 1.02 0.00	29.95 0.85 0.00	28.65 0.68 0.00

OAKDALE___35_KV_LOAD 356122	44.52 1.05 -0.05	39.76 0.46 -0.02	37.08 0.36 -0.02	32.54 0.20 0.00	30.57 0.19 0.00	36.46 0.39 0.00	39.18 0.61 0.00	42.60 1.00 0.00	42.74 1.09 0.00	45.32 1.14 0.00	43.92 1.33 0.00	56.63 1.91 -0.06	58.20 1.83 -0.73	75.44 2.18 -2.17	54.89 1.27 -0.78	46.84 1.09 -0.39	38.31 0.55 -0.01	34.30 0.67 0.00	31.54 0.58 0.00	29.61 0.72 0.00	45.75 1.07 -0.05	37.12 0.84 0.00	29.79 0.70 0.00	28.51 0.55 0.00
OCC_CHEM___DRP 24175	43.97 0.55 0.00	38.27 -1.01 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.27 -0.32 0.00	54.61 -0.05 0.00	54.38 -1.25 0.00	68.14 -2.95 0.00	49.18 -3.67 0.00	41.80 -3.57 0.00	34.51 -3.25 0.00	31.17 -2.46 0.00	29.02 -1.95 0.00	28.16 -0.72 0.00	43.80 -0.82 0.00	36.05 -0.23 0.00	29.18 0.09 0.00	27.97 0.01 0.00
OH_GEN_PROXY 24063	43.92 0.50 0.00	38.31 -0.97 0.00	35.32 -1.38 0.00	30.82 -1.51 0.00	29.07 -1.30 0.00	34.98 -1.10 0.00	37.95 -0.61 0.00	41.44 -0.15 0.00	41.75 0.10 0.00	44.08 -0.11 0.00	41.81 0.03 0.81	55.24 0.58 0.00	55.13 -0.50 0.00	70.61 -1.77 -1.28	50.17 -2.68 0.00	42.64 -2.72 0.00	35.21 -2.54 0.00	31.78 -1.85 0.00	29.54 -1.43 0.00	29.37 -0.33 -0.81	48.47 -0.23 -4.08	36.39 0.11 0.00	29.84 0.23 -0.52	54.28 0.13 -26.19
OLIN_CORP_DRP 24177	43.92 0.49 0.00	38.19 -1.09 0.00	35.17 -1.53 0.00	30.68 -1.66 0.00	28.94 -1.44 0.00	34.86 -1.21 0.00	37.86 -0.71 0.00	41.33 -0.27 0.00	41.64 -0.01 0.00	43.95 -0.24 0.00	42.48 -0.12 0.00	55.08 0.42 0.00	54.95 -0.67 0.00	68.94 -2.15 0.00	49.79 -3.05 0.00	42.31 -3.05 0.00	34.92 -2.83 0.00	31.54 -2.10 0.00	29.34 -1.62 0.00	28.43 -0.45 0.00	44.26 -0.36 0.00	36.35 0.07 0.00	29.29 0.20 0.00	28.07 0.11 0.00
OLIN_CORP_DSASP 323712	43.97 0.55 0.00	38.26 -1.02 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.26 -0.33 0.00	54.61 -0.05 0.00	54.37 -1.26 0.00	68.14 -2.96 0.00	49.19 -3.66 0.00	41.80 -3.56 0.00	34.55 -3.20 0.00	31.22 -2.42 0.00	29.05 -1.92 0.00	28.17 -0.72 0.00	43.80 -0.82 0.00	36.03 -0.25 0.00	29.18 0.09 0.00	27.97 0.01 0.00
ONEIDA_HERK_LFGE 323681	44.97 1.53 -0.03	40.44 1.15 -0.01	37.67 0.96 -0.01	33.14 0.80 0.00	31.12 0.74 0.00	37.04 0.97 0.00	39.71 1.15 0.00	42.93 1.33 0.00	43.04 1.39 0.00	45.59 1.40 0.00	43.94 1.35 0.00	56.40 1.71 -0.03	58.33 1.81 -0.89	78.96 2.65 -5.21	71.46 2.04 -16.57	64.12 1.75 -17.01	39.24 1.48 -0.01	35.08 1.45 0.00	32.30 1.33 0.00	30.14 1.26 0.00	46.20 1.54 -0.03	37.77 1.48 0.00	30.22 1.13 0.00	28.91 0.94 0.00
ONEIDA___115KV_TB4 55905	45.30 1.84 -0.04	40.66 1.37 -0.02	37.89 1.17 -0.02	33.31 0.97 0.00	31.26 0.89 0.00	37.24 1.18 0.00	39.95 1.39 0.00	43.27 1.68 0.00	43.40 1.76 0.00	46.05 1.86 0.00	44.41 1.81 0.00	57.15 2.45 -0.04	59.07 2.65 -0.79	78.02 3.51 -3.41	62.83 2.59 -7.40	54.98 2.25 -7.37	39.61 1.86 -0.01	35.36 1.72 0.00	32.49 1.52 0.00	30.34 1.46 0.00	46.76 2.09 -0.04	37.98 1.70 0.00	30.38 1.30 0.00	29.05 1.09 0.00
ONONDAGA_REF_OCCRA 23987	44.02 0.52 -0.08	39.43 0.12 -0.03	36.71 -0.02 -0.04	32.25 -0.08 0.00	30.29 -0.08 0.00	36.08 0.01 0.00	38.73 0.16 0.00	42.01 0.42 0.00	42.15 0.50 0.00	44.79 0.60 0.00	43.38 0.78 0.00	55.94 1.18 -0.10	58.17 1.17 -1.38	77.00 1.35 -4.55	57.93 0.77 -4.33	49.77 0.65 -3.76	38.18 0.42 -0.02	34.08 0.45 0.00	31.30 0.33 0.00	29.31 0.42 0.00	45.32 0.60 -0.10	36.77 0.48 0.00	29.46 0.36 0.00	28.20 0.24 0.00
ONONDAGA___COGEN 23986	43.76 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.26 0.00	30.13 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.63 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.10 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.07 0.00
ONTARIO___LFGE 23819	45.14 1.68 -0.04	39.97 0.67 -0.02	37.12 0.40 -0.02	32.65 0.31 0.00	30.67 0.29 0.00	36.72 0.65 0.00	39.47 0.91 0.00	43.09 1.50 0.00	43.36 1.71 0.00	45.98 1.80 0.00	44.65 2.06 0.00	57.65 2.94 -0.05	58.88 2.59 -0.66	75.91 2.86 -1.96	54.89 1.34 -0.70	46.72 1.01 -0.35	38.35 0.60 -0.01	34.44 0.80 0.00	31.85 0.88 0.00	30.08 1.20 0.00	46.43 1.76 -0.05	37.75 1.47 0.00	30.31 1.22 0.00	28.93 0.97 0.00
ORANGEVILLE_WT_PWR 323706	44.93 1.51 0.00	39.33 0.06 0.00	36.39 -0.31 0.00	31.77 -0.56 0.00	29.92 -0.46 0.00	35.99 -0.08 0.00	38.95 0.38 0.00	42.61 1.02 0.00	42.92 1.27 0.00	45.40 1.22 0.00	44.03 1.44 0.00	56.88 2.22 0.00	56.94 1.31 0.00	71.88 0.78 0.00	52.15 -0.70 0.00	44.49 -0.87 0.00	36.64 -1.11 0.00	33.02 -0.61 0.00	30.57 -0.40 0.00	29.35 0.46 0.00	45.58 0.95 0.00	37.22 0.94 0.00	30.02 0.93 0.00	28.71 0.74 0.00
ORANGEVILLE___ESR 323794	44.93 1.51 0.00	39.33 0.06 0.00	36.39 -0.31 0.00	31.77 -0.56 0.00	29.92 -0.46 0.00	35.99 -0.08 0.00	38.95 0.38 0.00	42.61 1.02 0.00	42.92 1.27 0.00	45.40 1.22 0.00	44.03 1.44 0.00	56.88 2.22 0.00	56.94 1.31 0.00	71.88 0.78 0.00	52.15 -0.70 0.00	44.49 -0.87 0.00	36.64 -1.11 0.00	33.02 -0.61 0.00	30.57 -0.40 0.00	29.35 0.46 0.00	45.58 0.95 0.00	37.22 0.94 0.00	30.02 0.93 0.00	28.71 0.74 0.00
OSWEGATCHIE___HYD 24044	43.99 0.53 -0.04	39.51 0.22 -0.02	36.67 -0.05 -0.02	32.20 -0.14 0.00	30.24 -0.13 0.00	35.92 -0.15 0.00	38.53 -0.03 0.00	41.47 -0.13 0.00	41.39 -0.26 0.00	43.58 -0.60 0.00	42.00 -0.59 0.00	53.95 -0.76 -0.05	57.78 -0.81 -2.96	92.48 -0.31 -21.70	134.33 -0.19 -81.68	129.89 -0.18 -84.71	37.68 -0.08 -0.01	33.76 0.12 0.00	31.18 0.22 0.00	29.21 0.33 0.00	44.49 -0.19 -0.05	36.53 0.25 0.00	29.35 0.26 0.00	28.12 0.15 0.00
OSWEGO___5 23606	43.43 -0.51 -0.51	38.78 -0.72 -0.22	36.18 -0.77 -0.25	31.61 -0.72 0.00	29.70 -0.67 0.00	35.36 -0.72 0.00	37.88 -0.68 0.00	41.03 -0.56 0.00	41.15 -0.50 0.00	43.67 -0.51 0.00	42.19 -0.40 0.00	54.88 -0.41 -0.63	63.50 -0.48 -8.35	95.05 -0.76 -24.71	60.94 -0.76 -8.86	49.11 -0.66 -4.41	37.22 -0.63 -0.09	33.13 -0.51 0.00	30.49 -0.48 0.00	28.55 -0.33 0.00	44.71 -0.53 -0.62	35.86 -0.42 0.00	28.75 -0.33 0.00	27.58 -0.38 0.00
OSWEGO___6 23613	43.43 -0.51 -0.51	38.78 -0.72 -0.22	36.18 -0.77 -0.25	31.61 -0.72 0.00	29.70 -0.67 0.00	35.36 -0.72 0.00	37.88 -0.68 0.00	41.03 -0.56 0.00	41.15 -0.50 0.00	43.67 -0.51 0.00	42.19 -0.40 0.00	54.88 -0.41 -0.63	63.50 -0.48 -8.35	95.05 -0.76 -24.71	60.94 -0.76 -8.86	49.11 -0.66 -4.41	37.22 -0.63 -0.09	33.13 -0.51 0.00	30.49 -0.48 0.00	28.55 -0.33 0.00	44.71 -0.53 -0.62	35.86 -0.42 0.00	28.75 -0.33 0.00	27.58 -0.38 0.00

OUTOKUMPU-AB___DRP 24206	45.08 1.66 0.00	39.20 -0.08 0.00	36.08 -0.62 0.00	31.45 -0.89 0.00	29.66 -0.71 0.00	35.72 -0.35 0.00	38.80 0.24 0.00	42.43 0.83 0.00	42.74 1.10 0.00	45.09 0.91 0.00	43.51 0.92 0.00	56.29 1.62 0.00	56.10 0.47 0.00	70.41 -0.69 0.00	50.78 -2.07 0.00	43.16 -2.20 0.00	35.58 -2.17 0.00	32.13 -1.50 0.00	29.87 -1.10 0.00	28.95 0.06 0.00	45.08 0.46 0.00	36.99 0.70 0.00	29.91 0.82 0.00	28.64 0.68 0.00
OXBOW___BTM 323836	44.60 1.18 0.00	38.78 -0.50 0.00	35.71 -0.99 0.00	31.13 -1.21 0.00	29.36 -1.01 0.00	35.35 -0.72 0.00	38.40 -0.17 0.00	41.96 0.37 0.00	42.21 0.57 0.00	44.49 0.30 0.00	42.95 0.36 0.00	55.54 0.88 0.00	55.32 -0.31 0.00	69.35 -1.74 0.00	49.86 -2.98 0.00	42.37 -2.99 0.00	34.99 -2.76 0.00	31.60 -2.04 0.00	29.39 -1.57 0.00	28.56 -0.32 0.00	44.51 -0.11 0.00	36.55 0.27 0.00	29.59 0.50 0.00	28.34 0.37 0.00
OXBOW___ 24026	44.61 1.18 0.00	38.78 -0.50 0.00	35.70 -0.99 0.00	31.13 -1.21 0.00	29.36 -1.01 0.00	35.35 -0.72 0.00	38.40 -0.17 0.00	41.96 0.37 0.00	42.22 0.57 0.00	44.49 0.30 0.00	42.96 0.36 0.00	55.54 0.88 0.00	55.32 -0.31 0.00	69.37 -1.73 0.00	49.86 -2.99 0.00	42.36 -3.00 0.00	34.95 -2.80 0.00	31.56 -2.08 0.00	29.36 -1.61 0.00	28.56 -0.33 0.00	44.51 -0.11 0.00	36.57 0.29 0.00	29.59 0.50 0.00	28.34 0.37 0.00
OXY_CHEM_DSASP 323612	43.97 0.55 0.00	38.27 -1.01 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.27 -0.32 0.00	54.61 -0.05 0.00	54.38 -1.25 0.00	68.14 -2.95 0.00	49.18 -3.67 0.00	41.80 -3.57 0.00	34.51 -3.25 0.00	31.17 -2.46 0.00	29.02 -1.95 0.00	28.16 -0.72 0.00	43.80 -0.82 0.00	36.05 -0.23 0.00	29.18 0.09 0.00	27.97 0.01 0.00
OZONE_PARK_ESR 323760	47.18 3.76 0.00	42.61 3.33 0.00	39.49 2.79 0.00	34.73 2.40 0.00	32.56 2.19 0.00	38.59 2.52 0.00	41.32 2.75 0.00	45.20 3.60 0.00	45.75 4.10 0.00	48.91 4.72 0.00	47.66 5.06 0.00	61.07 6.41 0.00	62.47 6.84 0.00	79.50 8.41 0.00	59.38 6.54 0.00	55.57 5.69 -4.52	69.89 4.62 -27.52	83.95 3.87 -46.44	57.26 3.16 -23.13	45.90 2.75 -14.26	48.68 4.06 0.00	39.57 3.29 0.00	31.77 2.68 0.00	30.49 2.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.97 0.55 0.00	38.27 -1.01 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.27 -0.32 0.00	54.61 -0.05 0.00	54.38 -1.25 0.00	68.14 -2.95 0.00	49.18 -3.67 0.00	41.80 -3.57 0.00	34.51 -3.25 0.00	31.17 -2.46 0.00	29.02 -1.95 0.00	28.16 -0.72 0.00	43.80 -0.82 0.00	36.05 -0.23 0.00	29.18 0.09 0.00	27.97 0.01 0.00
PACKARD__115KV_DUPONT_184 80571	43.97 0.55 0.00	38.27 -1.01 0.00	35.24 -1.45 0.00	30.74 -1.59 0.00	29.00 -1.37 0.00	34.91 -1.17 0.00	37.91 -0.65 0.00	41.38 -0.21 0.00	41.55 -0.10 0.00	43.74 -0.44 0.00	42.27 -0.32 0.00	54.61 -0.05 0.00	54.38 -1.25 0.00	68.14 -2.95 0.00	49.18 -3.67 0.00	41.80 -3.57 0.00	34.51 -3.25 0.00	31.17 -2.46 0.00	29.02 -1.95 0.00	28.16 -0.72 0.00	43.80 -0.82 0.00	36.05 -0.23 0.00	29.18 0.09 0.00	27.97 0.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.38 2.96 0.00	41.88 2.61 0.00	38.88 2.18 0.00	34.21 1.87 0.00	32.13 1.76 0.00	37.98 1.91 0.00	40.67 2.11 0.00	44.46 2.86 0.00	45.02 3.37 0.00	48.10 3.91 0.00	46.80 4.21 0.00	60.13 5.47 0.00	61.47 5.84 0.00	78.01 6.92 0.00	58.31 5.47 0.00	54.73 4.85 -4.52	69.17 3.91 -27.51	83.25 3.19 -46.43	56.61 2.53 -23.12	45.32 2.17 -14.26	47.76 3.14 0.01	38.85 2.58 0.01	31.18 2.09 0.00	29.93 1.96 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.02 3.60 0.00	42.42 3.15 0.00	39.32 2.62 0.00	34.64 2.31 0.00	32.57 2.19 0.00	38.45 2.38 0.00	41.18 2.62 0.00	45.02 3.42 0.00	45.51 3.86 0.00	48.61 4.43 0.00	47.30 4.71 0.00	60.82 6.15 0.00	62.09 6.46 0.00	78.85 7.76 0.00	58.94 6.10 0.00	55.27 5.39 -4.52	69.65 4.39 -27.51	83.64 3.58 -46.43	56.97 2.89 -23.12	45.64 2.50 -14.26	48.22 3.60 0.01	39.26 2.98 0.01	31.49 2.41 0.00	30.19 2.23 0.00
PATROON__115KV_TB1 80586	44.70 1.28 0.00	40.41 1.13 0.00	37.67 0.97 0.00	33.25 0.92 0.00	31.21 0.83 0.00	36.96 0.89 0.00	39.46 0.90 0.00	42.71 1.12 0.00	42.83 1.18 0.00	45.62 1.44 0.00	44.04 1.45 0.00	56.35 1.69 0.00	57.61 1.98 0.00	73.56 2.46 0.00	54.93 2.09 0.00	47.94 1.84 -0.74	43.73 1.49 -4.49	34.91 1.27 0.00	32.00 1.03 0.00	29.75 0.87 0.00	46.00 1.37 0.00	37.39 1.11 0.00	29.99 0.90 0.00	28.81 0.85 0.00
PATTRSNVILLE___SOLAR 323815	45.46 2.04 0.00	41.00 1.72 0.00	38.22 1.52 0.00	33.67 1.33 0.00	31.62 1.25 0.00	37.56 1.49 0.00	40.16 1.60 0.00	43.32 1.73 0.00	43.26 1.61 0.00	46.01 1.82 0.00	44.18 1.58 0.00	56.50 1.84 0.00	57.58 1.95 0.00	73.54 2.44 0.00	54.86 2.01 0.00	47.35 1.99 0.00	39.72 1.98 0.00	35.47 1.84 0.00	32.65 1.69 0.00	30.44 1.55 0.00	47.00 2.37 0.00	38.20 1.92 0.00	30.58 1.49 0.00	29.30 1.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.19 1.76 0.00	39.43 0.15 0.00	36.39 -0.31 0.00	31.74 -0.59 0.00	29.91 -0.47 0.00	36.02 -0.05 0.00	39.07 0.51 0.00	42.74 1.15 0.00	43.13 1.48 0.00	45.59 1.40 0.00	44.15 1.56 0.00	57.18 2.52 0.00	57.20 1.57 0.00	72.08 0.99 0.00	52.14 -0.70 0.00	44.39 -0.97 0.00	36.51 -1.24 0.00	32.95 -0.68 0.00	30.55 -0.41 0.00	29.45 0.56 0.00	45.80 1.18 0.00	37.41 1.13 0.00	30.11 1.02 0.00	28.81 0.84 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.65 3.22 0.00	42.04 2.76 0.00	39.00 2.30 0.00	34.32 1.99 0.00	32.19 1.81 0.00	38.14 2.07 0.00	40.82 2.26 0.00	44.60 3.00 0.00	45.07 3.43 0.00	48.20 4.01 0.00	46.94 4.35 0.00	60.28 5.62 0.00	61.64 6.01 0.00	78.57 7.47 0.00	58.75 5.90 0.00	52.04 5.20 -1.48	50.97 4.21 -9.01	53.76 3.59 -16.54	42.20 3.00 -8.24	36.56 2.60 -5.08	48.40 3.78 0.00	39.25 2.97 0.00	31.41 2.32 0.00	30.08 2.12 0.00
PEEKSKILL___ 23653	45.97 2.54 0.00	41.50 2.22 0.00	38.49 1.79 0.00	33.90 1.56 0.00	31.80 1.43 0.00	37.66 1.59 0.00	40.29 1.72 0.00	44.00 2.41 0.00	44.48 2.83 0.00	47.54 3.35 0.00	46.24 3.65 0.00	59.30 4.64 0.00	60.65 5.02 0.00	77.25 6.16 0.00	57.69 4.84 0.00	54.89 4.23 -5.31	73.44 3.40 -32.29	450.31 2.86 -413.82	239.38 2.35 -206.06	157.97 1.99 -127.10	47.50 2.88 0.00	38.59 2.31 0.00	30.93 1.84 0.00	29.67 1.71 0.00
PGE MADISON___WINDPWR 24146	48.06 4.59 -0.05	42.81 3.51 -0.02	39.88 3.16 -0.02	34.97 2.63 0.00	32.84 2.47 0.00	39.30 3.23 0.00	42.27 3.70 0.00	45.96 4.36 0.00	46.13 4.48 0.00	48.85 4.66 0.00	46.76 4.17 0.00	60.53 5.81 -0.06	62.57 6.15 -0.79	81.68 8.24 -2.34	59.52 5.84 -0.84	51.07 5.29 -0.42	41.49 3.73 -0.01	37.55 3.91 0.00	34.38 3.41 0.00	32.25 3.37 0.00	49.99 5.31 -0.06	40.24 3.96 0.00	32.16 3.07 0.00	30.75 2.79 0.00

PIERCEFIELD___HYD 23852	42.60 -0.84 -0.02	38.57 -0.72 -0.01	35.88 -0.83 -0.01	31.63 -0.71 0.00	29.70 -0.67 0.00	35.18 -0.89 0.00	37.70 -0.87 0.00	40.37 -1.22 0.00	39.95 -1.70 0.00	41.88 -2.30 0.00	39.95 -2.64 0.00	51.18 -3.50 -0.03	51.09 -3.69 0.85	57.82 -4.14 9.13	8.63 -3.10 41.12	-0.32 -2.65 43.03	35.80 -1.96 0.00	31.97 -1.67 0.00	29.59 -1.37 0.00	27.72 -1.16 0.00	42.75 -1.90 -0.03	34.84 -1.44 0.00	28.13 -0.96 0.00	27.09 -0.87 0.00
PINELAWN_CC_1 323563	46.07 2.65 0.00	41.80 2.53 0.00	39.02 2.32 0.00	34.30 1.97 0.00	32.15 1.78 0.00	38.03 1.96 0.00	40.75 2.18 0.00	44.60 3.01 0.00	44.98 3.34 0.00	48.05 3.86 0.00	50.81 4.42 -3.80	83.90 5.47 -23.76	89.25 5.88 -27.73	135.46 7.31 -57.06	105.47 5.70 -46.92	114.18 4.97 -63.85	240.62 4.19 -198.68	134.83 3.49 -97.69	112.03 2.94 -78.12	59.02 2.39 -27.75	47.58 2.96 0.00	38.59 2.30 0.00	30.95 1.86 0.00	29.63 1.67 0.00
PJM_GEN_HTTP_PROXY 323702	46.36 2.93 0.00	41.85 2.57 0.00	38.83 2.13 0.00	34.20 1.86 0.00	32.07 1.70 0.00	38.00 1.93 0.00	40.65 2.09 0.00	44.46 2.86 0.00	44.99 3.34 0.00	48.08 3.90 0.00	46.80 4.21 0.00	59.96 5.30 0.00	58.00 5.68 3.32	78.85 6.96 -0.79	58.36 5.52 0.00	54.71 4.82 -4.52	69.17 3.89 -27.53	84.15 3.24 -47.27	55.26 2.59 -21.70	44.03 2.20 -12.94	47.85 3.22 0.00	38.88 2.60 0.00	31.21 2.12 0.00	29.96 2.00 0.00
PJM_GEN_KEystone 24065	44.84 1.42 0.00	39.98 0.70 0.00	37.09 0.39 0.00	29.80 0.21 2.74	27.56 0.19 3.01	36.46 0.39 0.00	38.74 0.62 0.45	42.86 1.27 0.00	43.27 1.62 0.00	46.01 1.83 0.00	42.17 2.10 2.52	57.51 2.85 0.00	55.04 2.73 3.32	75.01 3.12 -0.79	54.52 1.83 0.15	39.38 1.47 7.45	-6.20 0.95 44.90	3.81 0.96 30.79	14.59 0.79 17.17	18.81 0.96 11.03	46.06 1.44 0.00	37.45 1.17 0.00	30.10 1.01 0.00	28.82 0.85 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.04 2.62 0.00	41.75 2.47 0.00	38.91 2.21 0.00	34.22 1.89 0.00	32.09 1.71 0.00	37.95 1.88 0.00	40.63 2.07 0.00	44.44 2.84 0.00	44.87 3.22 0.00	47.85 3.67 0.00	49.60 4.17 -2.84	72.37 5.31 -12.40	71.88 5.69 -10.57	87.17 7.08 -9.00	77.97 5.49 -19.63	79.91 4.82 -29.73	170.07 3.97 -128.35	103.05 3.33 -66.09	81.88 2.78 -48.14	49.01 2.29 -17.84	47.57 2.95 0.00	38.59 2.31 0.00	30.87 1.78 0.00	29.58 1.62 0.00
PJM_GEN_VFT_PROXY 323633	46.19 2.77 0.00	41.79 2.52 0.00	38.77 2.08 0.00	34.12 1.79 0.00	32.00 1.63 0.00	37.90 1.83 0.00	40.50 1.93 0.00	44.27 2.67 0.00	44.81 3.16 0.00	47.88 3.69 0.00	45.98 4.01 0.61	59.70 5.04 0.00	57.77 5.46 3.32	78.55 6.66 -0.79	55.87 5.23 2.20	50.35 4.56 -0.43	50.72 3.73 -9.24	83.96 3.07 -47.25	55.12 2.46 -21.69	43.99 2.16 -12.94	47.86 3.23 0.00	38.91 2.63 0.00	31.23 2.14 0.00	29.95 1.99 0.00
PLATSBURG_115KV_PMLD1 355749	43.21 -0.21 0.00	39.25 -0.03 0.00	36.83 0.13 0.00	32.69 0.35 0.00	30.69 0.31 0.00	36.41 0.34 0.00	38.92 0.36 0.00	41.94 0.35 0.00	42.01 0.36 0.00	44.19 0.01 0.00	41.49 -1.10 0.00	52.55 -2.12 0.00	52.83 -2.45 0.35	65.34 -2.75 3.01	38.45 -2.05 12.34	30.57 -1.94 12.86	36.31 -1.44 0.00	32.38 -1.25 0.00	29.86 -1.11 0.00	28.13 -0.76 0.00	43.55 -1.08 0.00	35.68 -0.60 0.00	29.07 -0.02 0.00	28.14 0.17 0.00
PLEASANTVLY___LBMP 24000	45.71 2.29 0.00	41.27 2.00 0.00	38.32 1.62 0.00	33.77 1.44 0.00	31.67 1.30 0.00	37.52 1.45 0.00	40.12 1.55 0.00	43.72 2.12 0.00	44.10 2.45 0.00	47.08 2.90 0.00	45.72 3.13 0.00	58.60 3.94 0.00	59.95 4.32 0.00	76.46 6.66 0.00	57.12 4.28 0.00	51.05 3.77 -1.92	52.51 3.06 -11.69	57.97 2.59 -21.76	43.94 2.14 -10.83	37.35 1.79 -6.68	47.23 2.61 0.00	38.37 2.09 0.00	30.75 1.66 0.00	29.49 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.19 2.77 0.00	41.73 2.45 0.00	38.70 2.01 0.00	34.06 1.72 0.00	31.95 1.58 0.00	37.83 1.76 0.00	40.47 1.91 0.00	44.21 2.62 0.00	44.68 3.03 0.00	47.75 3.56 0.00	46.44 3.85 0.00	59.54 4.88 0.00	60.93 5.30 0.00	77.64 6.54 0.00	58.00 5.16 0.00	53.34 4.50 -3.48	62.54 3.63 -21.16	72.80 3.07 -36.09	51.48 2.54 -17.97	42.12 2.15 -11.09	47.75 3.13 0.00	38.79 2.50 0.00	31.08 2.00 0.00	29.81 1.85 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.19 2.77 0.00	41.73 2.45 0.00	38.70 2.01 0.00	34.06 1.72 0.00	31.95 1.58 0.00	37.83 1.76 0.00	40.47 1.91 0.00	44.21 2.62 0.00	44.68 3.03 0.00	47.75 3.56 0.00	46.44 3.85 0.00	59.54 4.88 0.00	60.93 5.30 0.00	77.64 6.54 0.00	58.00 5.16 0.00	53.34 4.50 -3.48	62.54 3.63 -21.16	72.80 3.07 -36.09	51.48 2.54 -17.97	42.12 2.15 -11.09	47.75 3.13 0.00	38.79 2.50 0.00	31.08 2.00 0.00	29.81 1.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.23 2.81 0.00	41.68 2.40 0.00	38.67 1.97 0.00	34.06 1.73 0.00	31.93 1.56 0.00	37.84 1.77 0.00	40.50 1.94 0.00	44.20 2.61 0.00	44.61 2.96 0.00	47.68 3.50 0.00	46.35 3.76 0.00	59.44 4.78 0.00	60.80 5.18 0.00	77.58 6.48 0.00	58.00 5.16 0.00	50.79 4.59 -0.84	46.61 3.75 -5.11	36.81 3.17 0.00	33.62 2.66 0.00	31.18 2.29 0.00	47.96 3.33 0.00	38.91 2.63 0.00	31.14 2.05 0.00	29.83 1.86 0.00
POLETTI____ 23519	46.33 2.91 0.00	41.88 2.60 0.00	38.85 2.15 0.00	34.18 1.85 0.00	32.05 1.68 0.00	37.98 1.91 0.00	40.62 2.06 0.00	44.42 2.82 0.00	44.96 3.31 0.00	48.05 3.87 0.00	46.79 4.20 0.00	59.94 5.28 0.00	61.29 5.66 0.00	78.00 6.91 0.00	58.30 5.46 0.00	54.65 4.76 -4.52	69.14 3.87 -27.52	83.28 3.20 -46.44	56.64 2.55 -23.13	45.32 2.17 -14.26	47.81 3.18 0.00	38.85 2.57 0.00	31.21 2.12 0.00	29.96 2.00 0.00
POMONA___ESR 323819	45.92 2.49 0.00	41.43 2.15 0.00	38.38 1.68 0.00	33.78 1.45 0.00	31.70 1.33 0.00	37.52 1.45 0.00	40.12 1.55 0.00	43.84 2.24 0.00	44.36 2.71 0.00	47.46 3.28 0.00	46.18 3.58 0.00	59.27 4.61 0.00	60.62 4.99 0.00	77.25 6.15 0.00	57.67 4.82 0.00	42.78 4.14 6.72	0.12 3.29 40.91	-32.71 2.79 69.14	-1.12 2.34 34.43	9.60 1.95 21.23	47.46 2.83 0.00	38.54 2.26 0.00	30.88 1.79 0.00	29.60 1.63 0.00
PORT_JEFF_3 23555	46.42 3.00 0.00	42.07 2.80 0.00	39.34 2.64 0.00	34.60 2.27 0.00	32.45 2.07 0.00	38.38 2.31 0.00	41.13 2.56 0.00	44.98 3.39 0.00	45.28 3.63 0.00	48.47 4.28 0.00	51.33 4.94 -3.80	226.62 6.35 -165.61	251.83 6.74 -189.46	255.28 8.36 -175.82	229.27 6.36 -170.06	241.66 5.56 -190.74	265.46 4.55 -223.16	264.50 3.91 -226.95	296.60 3.35 -226.95	205.45 2.79 -262.28	58.67 3.46 -10.58	38.98 2.70 0.00	31.14 2.05 0.00	29.82 1.85 0.00
PORT_JEFF_4 23616	46.42 3.00 0.00	42.07 2.80 0.00	39.34 2.64 0.00	34.60 2.27 0.00	32.45 2.07 0.00	38.38 2.31 0.00	41.13 2.56 0.00	44.98 3.39 0.00	45.28 3.63 0.00	48.47 4.28 0.00	51.33 4.94 -3.80	226.62 6.35 -165.61	251.83 6.74 -189.46	255.28 8.36 -175.82	229.27 6.36 -170.06	241.66 5.56 -190.74	265.46 4.55 -223.16	264.50 3.91 -226.95	296.60 3.35 -226.95	205.45 2.79 -173.77	58.67 3.46 -10.58	38.98 2.70 0.00	31.14 2.05 0.00	29.82 1.85 0.00

PORT_JEFF_IC 23713	46.47 3.05 0.00	42.12 2.84 0.00	39.36 2.67 0.00	34.63 2.30 0.00	32.47 2.10 0.00	38.41 2.34 0.00	41.15 2.58 0.00	45.01 3.41 0.00	45.18 3.54 0.00	48.39 4.20 0.00	51.29 4.89 -3.80	268.36 6.32 -207.38	299.43 6.70 -237.09	303.24 8.34 -223.80	296.64 6.36 -237.43	290.17 5.53 -239.28	277.67 4.55 -235.36	286.98 3.90 -249.44	362.13 3.33 -327.83	245.44 2.77 -213.78	64.53 3.42 -16.48	38.94 2.65 0.00	31.11 2.02 0.00	29.85 1.89 0.00
PPL PILGRIM_ST_GT1 24216	46.60 3.17 0.00	42.25 2.97 0.00	39.51 2.81 0.00	34.71 2.37 0.00	32.55 2.18 0.00	38.48 2.41 0.00	41.23 2.67 0.00	45.12 3.53 0.00	45.58 3.93 0.00	48.65 4.47 0.00	51.28 4.89 -3.80	101.03 6.12 -40.25	108.62 6.47 -46.53	133.09 8.04 -53.96	99.65 6.15 -40.65	115.25 5.33 -64.55	240.19 4.42 -198.02	149.68 3.77 -112.27	125.07 3.23 -90.88	73.44 2.67 -41.89	47.93 3.31 0.00	38.93 2.65 0.00	31.31 2.22 0.00	29.92 1.96 0.00
PPL PILGRIM_ST_GT2 24217	46.60 3.17 0.00	42.25 2.97 0.00	39.51 2.81 0.00	34.71 2.37 0.00	32.55 2.18 0.00	38.48 2.41 0.00	41.23 2.67 0.00	45.12 3.53 0.00	45.58 3.93 0.00	48.65 4.47 0.00	51.28 4.89 -3.80	101.03 6.12 -40.25	108.62 6.47 -46.53	133.09 8.04 -53.96	99.65 6.15 -40.65	115.25 5.33 -64.55	240.19 4.42 -198.02	149.68 3.77 -112.27	125.07 3.23 -90.88	73.44 2.67 -41.89	47.93 3.31 0.00	38.93 2.65 0.00	31.31 2.22 0.00	29.92 1.96 0.00
PPL_SHRM_GT3 24213	45.92 2.49 0.00	41.61 2.33 0.00	38.93 2.23 0.00	34.29 1.95 0.00	32.16 1.79 0.00	38.08 2.01 0.00	40.80 2.24 0.00	44.65 3.06 0.00	45.13 3.48 0.00	48.28 4.09 0.00	51.20 4.81 -3.80	227.15 6.25 -166.24	252.41 6.60 -190.18	255.85 8.01 -176.75	229.89 5.97 -171.07	241.55 5.40 -190.79	265.59 4.53 -223.30	263.82 3.92 -226.26	296.90 3.35 -262.59	205.17 2.75 -173.53	58.69 3.38 -10.68	39.00 2.72 0.00	31.07 1.98 0.00	29.50 1.53 0.00
PPL_SHRM_GT4 24214	45.92 2.49 0.00	41.61 2.33 0.00	38.93 2.23 0.00	34.29 1.95 0.00	32.16 1.79 0.00	38.08 2.01 0.00	40.80 2.24 0.00	44.65 3.06 0.00	45.13 3.48 0.00	48.28 4.09 0.00	51.20 4.81 -3.80	227.15 6.25 -166.24	252.41 6.60 -190.18	255.85 8.01 -176.75	229.89 5.97 -171.07	241.55 5.40 -190.79	265.59 4.53 -223.30	263.82 3.92 -226.26	296.90 3.35 -262.59	205.17 2.75 -173.53	58.69 3.38 -10.68	39.00 2.72 0.00	31.07 1.98 0.00	29.50 1.53 0.00
PROJECT___ORANGE 1 24174	43.76 0.27 -0.07	39.20 -0.11 -0.03	36.50 -0.23 -0.03	32.06 -0.27 0.00	30.12 -0.25 0.00	35.88 -0.19 0.00	38.51 -0.05 0.00	41.78 0.19 0.00	41.93 0.28 0.00	44.57 0.38 0.00	43.16 0.57 0.00	55.64 0.90 -0.08	57.65 0.85 -1.17	76.01 0.93 -3.99	57.73 0.46 -4.44	49.72 0.36 -4.00	37.94 0.17 -0.01	33.86 0.22 0.00	31.11 0.14 0.00	29.12 0.24 0.00	45.03 0.33 -0.08	36.55 0.27 0.00	29.28 0.19 0.00	28.05 0.09 0.00
PROJECT___ORANGE 2 24166	43.76 0.27 -0.07	39.20 -0.11 -0.03	36.50 -0.23 -0.03	32.06 -0.27 0.00	30.12 -0.25 0.00	35.88 -0.19 0.00	38.51 -0.05 0.00	41.78 0.19 0.00	41.93 0.28 0.00	44.57 0.38 0.00	43.16 0.57 0.00	55.64 0.90 -0.08	57.65 0.85 -1.17	76.01 0.93 -3.99	57.73 0.46 -4.44	49.72 0.36 -4.00	37.94 0.17 -0.01	33.86 0.22 0.00	31.11 0.14 0.00	29.12 0.24 0.00	45.03 0.33 -0.08	36.55 0.27 0.00	29.28 0.19 0.00	28.05 0.09 0.00
PUCKETT___SOLAR 323809	45.37 1.91 -0.04	40.50 1.21 -0.02	37.76 1.04 -0.02	33.13 0.79 0.00	31.12 0.74 0.00	37.14 1.07 0.00	39.94 1.38 0.00	43.41 1.82 0.00	43.54 1.89 0.00	45.93 1.75 0.00	44.36 1.77 0.00	57.38 2.67 -0.05	59.08 2.73 -0.72	76.63 3.40 -2.14	56.01 2.40 -0.77	47.85 2.11 -0.38	38.92 1.17 -0.01	34.95 1.32 0.00	32.23 1.26 0.00	30.23 1.34 0.00	46.78 2.11 -0.05	37.89 1.60 0.00	30.37 1.28 0.00	29.04 1.08 0.00
PYRITES___HYD 24023	43.48 0.04 -0.02	39.39 0.10 -0.01	36.71 0.01 -0.01	32.38 0.05 0.00	30.41 0.03 0.00	36.09 0.01 0.00	38.63 0.07 0.00	41.33 -0.26 0.00	40.74 -0.91 0.00	42.67 -1.52 0.00	40.54 -2.05 0.00	51.97 -2.71 -0.02	51.77 -3.07 0.78	59.23 -3.43 8.43	12.51 -2.36 37.97	3.68 -1.95 39.73	36.46 -1.29 0.00	32.62 -1.01 0.00	30.25 -0.71 0.00	28.41 -0.48 0.00	43.98 -0.67 -0.02	35.76 -0.52 0.00	28.78 -0.31 0.00	27.70 -0.27 0.00
QUAKERRD_115KV_BK1 80622	43.70 0.27 0.00	38.68 -0.60 0.00	35.81 -0.89 0.00	31.38 -0.95 0.00	29.53 -0.85 0.00	35.34 -0.73 0.00	38.11 -0.45 0.00	41.52 -0.08 0.00	41.83 0.18 0.00	44.43 0.25 0.00	42.99 0.40 0.00	55.50 0.84 0.00	55.92 0.29 0.00	70.85 -0.25 0.00	51.85 -1.00 0.00	44.28 -1.08 0.00	36.67 -1.08 0.00	32.89 -0.75 0.00	30.40 -0.57 0.00	28.86 -0.02 0.00	44.72 0.10 0.00	36.49 0.21 0.00	29.25 0.16 0.00	27.99 0.03 0.00
QUENSBRY_115KV_TB8 356137	47.05 3.63 0.00	42.13 2.85 0.00	39.18 2.49 0.00	34.66 2.33 0.00	32.52 2.14 0.00	38.66 2.59 0.00	41.35 2.79 0.00	44.86 3.26 0.00	44.93 3.28 0.00	47.79 3.60 0.00	45.93 3.34 0.00	59.06 4.40 0.00	60.31 4.69 0.00	77.27 6.17 0.00	57.47 4.62 0.00	50.16 4.09 -0.71	45.59 3.54 -4.30	36.97 3.33 0.00	34.06 3.09 0.00	31.74 2.86 0.00	49.23 4.61 0.00	40.08 3.80 0.00	31.95 2.86 0.00	30.50 2.54 0.00
RAMAPO___LBMP 323565	45.70 2.28 0.00	41.24 1.96 0.00	38.24 1.54 0.00	33.67 1.34 0.00	31.59 1.21 0.00	37.41 1.34 0.00	40.01 1.45 0.00	43.71 2.12 0.00	44.20 2.56 0.00	47.26 3.08 0.00	45.96 3.37 0.00	58.98 4.32 0.00	60.30 4.67 0.00	76.83 5.73 0.00	57.31 4.46 0.00	42.76 3.86 6.46	1.52 3.08 39.31	-36.46 2.60 72.69	-3.07 2.16 36.19	8.37 1.81 22.33	47.26 2.64 0.00	38.38 2.10 0.00	30.76 1.68 0.00	29.50 1.53 0.00
RANKINE____ 23646	45.22 1.80 0.00	39.39 0.11 0.00	36.33 -0.36 0.00	31.68 -0.65 0.00	29.86 -0.51 0.00	35.97 -0.10 0.00	39.04 0.48 0.00	42.73 1.14 0.00	43.09 1.44 0.00	45.52 1.34 0.00	44.08 1.48 0.00	57.13 2.47 0.00	57.06 1.43 0.00	71.80 0.71 0.00	51.92 -0.92 0.00	44.18 -1.18 0.00	36.35 -1.40 0.00	32.80 -0.83 0.00	30.46 -0.51 0.00	29.40 0.52 0.00	45.74 1.12 0.00	37.43 1.15 0.00	30.14 1.05 0.00	28.83 0.86 0.00
RAVENSWOOD_GT2_1 24244	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.05 1.98 0.00	40.70 2.14 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.87 4.27 0.00	60.03 5.36 0.00	61.36 5.73 0.00	78.05 6.95 0.00	58.33 5.48 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.22 -46.43	56.64 2.56 -23.12	45.34 2.19 -14.26	47.82 3.19 0.00	38.86 2.58 0.00	31.22 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD_GT2_2 24245	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.05 1.98 0.00	40.70 2.14 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.87 4.27 0.00	60.03 5.36 0.00	61.36 5.73 0.00	78.05 6.95 0.00	58.33 5.48 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.22 -46.43	56.64 2.56 -23.12	45.34 2.19 -14.26	47.82 3.19 0.00	38.86 2.58 0.00	31.22 2.14 0.00	30.00 2.03 0.00

RAVENSWOOD_GT2_3 24246	46.46 3.04 0.00	41.99 2.71 0.00	38.95 2.25 0.00	34.27 1.93 0.00	32.14 1.77 0.00	38.08 2.01 0.00	40.74 2.17 0.00	44.54 2.94 0.00	45.08 3.43 0.00	48.17 3.99 0.00	46.89 4.30 0.00	60.08 5.42 0.00	61.42 5.79 0.00	78.12 7.02 0.00	58.38 5.53 0.00	54.71 4.83 -4.52	69.19 3.93 -27.51	83.31 3.25 -46.43	56.67 2.59 -23.12	45.35 2.21 -14.26	47.85 3.23 0.00	38.89 2.60 0.00	31.25 2.16 0.00	30.02 2.05 0.00
RAVENSWOOD_GT2_4 24247	46.46 3.04 0.00	41.99 2.71 0.00	38.95 2.25 0.00	34.27 1.93 0.00	32.14 1.77 0.00	38.08 2.01 0.00	40.74 2.17 0.00	44.54 2.94 0.00	45.08 3.43 0.00	48.17 3.99 0.00	46.89 4.30 0.00	60.08 5.42 0.00	61.42 5.79 0.00	78.12 7.02 0.00	58.38 5.53 0.00	54.71 4.83 -4.52	69.19 3.93 -27.51	83.31 3.25 -46.43	56.67 2.59 -23.12	45.35 2.21 -14.26	47.85 3.23 0.00	38.89 2.60 0.00	31.25 2.16 0.00	30.02 2.05 0.00
RAVENSWOOD_GT3_1 24248	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.70 2.14 0.00	44.52 2.92 0.00	45.05 3.40 0.00	48.13 3.95 0.00	46.87 4.28 0.00	60.03 5.37 0.00	61.37 5.74 0.00	78.05 6.95 0.00	58.33 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.22 -46.43	56.64 2.56 -23.12	45.34 2.19 -14.26	47.82 3.19 0.00	38.87 2.58 0.00	31.22 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD_GT3_2 24249	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.70 2.14 0.00	44.52 2.92 0.00	45.05 3.40 0.00	48.13 3.95 0.00	46.87 4.28 0.00	60.03 5.37 0.00	61.37 5.74 0.00	78.05 6.95 0.00	58.33 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.22 -46.43	56.64 2.56 -23.12	45.34 2.19 -14.26	47.82 3.19 0.00	38.87 2.58 0.00	31.22 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD_GT3_3 24250	46.54 3.12 0.00	42.05 2.78 0.00	39.00 2.30 0.00	34.32 1.99 0.00	32.19 1.82 0.00	38.13 2.06 0.00	40.80 2.24 0.00	44.61 3.02 0.00	45.16 3.51 0.00	48.26 4.08 0.00	46.99 4.40 0.00	60.19 5.53 0.00	61.54 5.91 0.00	78.27 7.18 0.00	58.49 5.65 0.00	54.81 4.93 -4.52	69.27 4.01 -27.51	83.38 3.31 -46.43	56.73 2.65 -23.12	45.40 2.26 -14.26	47.93 3.31 0.00	38.95 2.67 0.00	31.30 2.21 0.00	30.06 2.10 0.00
RAVENSWOOD_GT3_4 24251	46.54 3.12 0.00	42.05 2.78 0.00	39.00 2.30 0.00	34.32 1.99 0.00	32.19 1.82 0.00	38.13 2.06 0.00	40.80 2.24 0.00	44.61 3.02 0.00	45.16 3.51 0.00	48.26 4.08 0.00	46.99 4.40 0.00	60.19 5.53 0.00	61.54 5.91 0.00	78.27 7.18 0.00	58.49 5.65 0.00	54.81 4.93 -4.52	69.27 4.01 -27.51	83.38 3.31 -46.43	56.73 2.65 -23.12	45.40 2.26 -14.26	47.93 3.31 0.00	38.95 2.67 0.00	31.30 2.21 0.00	30.06 2.10 0.00
RAVENSWOOD_GT_1 23729	47.81 3.08 -1.31	42.69 2.73 -0.68	38.98 2.28 0.00	34.30 1.97 0.00	32.19 1.82 0.00	38.12 2.05 0.00	40.79 2.23 0.00	44.62 3.02 0.00	45.18 3.53 0.00	48.29 4.09 -0.01	64.03 4.41 -17.03	64.83 5.55 -4.62	77.20 5.86 -15.70	83.28 6.97 -5.22	61.91 5.53 -3.53	59.00 4.89 -8.75	72.54 3.97 -30.82	85.70 3.20 -48.86	51.92 2.49 -18.46	42.00 2.13 -10.99	42.39 3.07 5.30	35.92 2.50 2.86	31.19 2.10 0.00	30.01 2.04 0.00
RAVENSWOOD_GT_10 24258	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.86 4.27 0.00	60.03 5.37 0.00	61.37 5.74 0.00	78.06 6.97 0.00	58.33 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.23 -46.43	56.66 2.58 -23.12	45.34 2.19 -14.26	47.82 3.20 0.00	38.88 2.59 0.00	31.23 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD_GT_11 24259	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.86 4.27 0.00	60.03 5.37 0.00	61.37 5.74 0.00	78.06 6.97 0.00	58.33 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.23 -46.43	56.66 2.58 -23.12	45.34 2.19 -14.26	47.82 3.20 0.00	38.88 2.59 0.00	31.23 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD_GT_4 24252	47.45 3.03 -0.99	42.50 2.70 -0.52	38.94 2.24 0.00	34.26 1.92 0.00	32.13 1.76 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.14 3.94 -0.01	59.82 4.26 -12.97	63.54 5.36 -3.52	73.33 5.74 -11.96	82.08 7.02 -3.97	61.05 5.52 -2.69	57.91 4.80 -7.74	71.69 3.91 -30.03	85.17 3.26 -48.28	53.14 2.61 -19.57	42.87 2.22 -11.77	43.84 3.25 4.04	36.73 2.62 2.18	31.26 2.16 0.00	30.01 2.05 0.00
RAVENSWOOD_GT_5 24254	47.45 3.03 -0.99	42.50 2.70 -0.52	38.94 2.24 0.00	34.26 1.92 0.00	32.13 1.76 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.14 3.94 -0.01	59.82 4.26 -12.97	63.54 5.36 -3.52	73.33 5.74 -11.96	82.08 7.02 -3.97	61.05 5.52 -2.69	57.91 4.80 -7.74	71.69 3.91 -30.03	85.17 3.26 -48.28	53.14 2.61 -19.57	42.87 2.22 -11.77	43.84 3.25 4.04	36.73 2.62 2.18	31.26 2.16 0.00	30.01 2.05 0.00
RAVENSWOOD_GT_6 24253	47.45 3.03 -0.99	42.50 2.70 -0.52	38.94 2.24 0.00	34.26 1.92 0.00	32.13 1.76 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.14 3.94 -0.01	59.82 4.26 -12.97	63.54 5.36 -3.52	73.33 5.74 -11.96	82.08 7.02 -3.97	61.05 5.52 -2.69	57.91 4.80 -7.74	71.69 3.91 -30.03	85.17 3.26 -48.28	53.14 2.61 -19.57	42.87 2.22 -11.77	43.84 3.25 4.04	36.73 2.62 2.18	31.26 2.16 0.00	30.01 2.05 0.00
RAVENSWOOD_GT_7 24255	47.45 3.03 -0.99	42.50 2.70 -0.52	38.94 2.24 0.00	34.26 1.92 0.00	32.13 1.76 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.14 3.94 -0.01	59.82 4.26 -12.97	63.54 5.36 -3.52	73.33 5.74 -11.96	82.08 7.02 -3.97	61.05 5.52 -2.69	57.91 4.80 -7.74	71.69 3.91 -30.03	85.17 3.26 -48.28	53.14 2.61 -19.57	42.87 2.22 -11.77	43.84 3.25 4.04	36.73 2.62 2.18	31.26 2.16 0.00	30.01 2.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.86 4.27 0.00	60.03 5.37 0.00	61.37 5.74 0.00	78.06 6.97 0.00	58.33 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.23 -46.43	56.66 2.58 -23.12	45.34 2.19 -14.26	47.82 3.20 0.00	38.88 2.59 0.00	31.23 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD_GT_9 24257	46.44 3.02 0.00	41.96 2.69 0.00	38.92 2.23 0.00	34.25 1.92 0.00	32.13 1.75 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.92 0.00	45.04 3.39 0.00	48.13 3.95 0.00	46.86 4.27 0.00	60.03 5.37 0.00	61.37 5.74 0.00	78.06 6.97 0.00	58.33 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.23 -46.43	56.66 2.58 -23.12	45.34 2.19 -14.26	47.82 3.20 0.00	38.88 2.59 0.00	31.23 2.14 0.00	30.00 2.03 0.00

RAVENSWOOD___1 23533	46.46 3.04 0.00	41.98 2.70 0.00	38.96 2.26 0.00	34.28 1.95 0.00	32.16 1.79 0.00	38.09 2.02 0.00	40.76 2.20 0.00	44.58 2.99 0.00	45.14 3.49 0.00	48.23 4.05 0.00	46.96 4.37 0.00	60.17 5.50 0.00	61.45 5.82 0.00	78.01 6.92 0.00	58.35 5.50 0.00	54.75 4.87 -4.52	69.19 3.93 -27.51	81.97 3.17 -45.16	45.28 2.46 -11.85	37.33 2.11 -6.34	34.84 3.06 12.83	30.25 2.49 8.52	31.18 2.09 0.00	29.99 2.03 0.00
RAVENSWOOD___2 23534	46.37 2.94 0.00	41.89 2.61 0.00	38.86 2.16 0.00	34.20 1.86 0.00	32.09 1.71 0.00	38.01 1.94 0.00	40.66 2.10 0.00	44.48 2.89 0.00	45.05 3.40 0.00	48.13 3.94 0.00	46.85 4.26 0.00	59.91 5.24 0.00	60.98 5.35 0.00	77.39 6.30 0.00	57.95 5.11 0.00	54.47 4.58 -4.52	69.00 3.74 -27.51	81.70 2.92 -45.14	44.83 2.19 -11.67	36.95 1.85 -6.21	34.24 2.65 13.04	29.83 2.20 8.66	31.02 1.94 0.00	29.91 1.94 0.00
RAVENSWOOD___3 23535	46.44 3.02 0.00	41.97 2.69 0.00	38.92 2.23 0.00	34.26 1.92 0.00	32.13 1.76 0.00	38.06 1.99 0.00	40.71 2.15 0.00	44.52 2.93 0.00	45.05 3.40 0.00	48.14 3.96 0.00	46.87 4.28 0.00	60.04 5.38 0.00	61.37 5.74 0.00	78.06 6.97 0.00	58.34 5.49 0.00	54.68 4.80 -4.52	69.16 3.90 -27.51	83.29 3.22 -46.43	56.64 2.55 -23.12	45.34 2.19 -14.26	47.82 3.19 0.00	38.88 2.59 0.00	31.23 2.14 0.00	30.00 2.03 0.00
RAVENSWOOD___4 23820	45.15 3.02 1.29	41.28 2.68 0.67	38.92 2.22 0.00	34.25 1.91 0.00	32.14 1.76 0.00	38.06 1.98 0.00	40.72 2.16 0.00	44.56 2.96 0.00	45.10 3.45 0.00	48.18 4.01 0.01	30.15 4.34 16.78	55.58 5.47 4.55	45.94 5.78 15.47	72.83 6.88 5.15	54.83 5.46 3.48	50.55 4.84 -0.36	65.91 3.91 -24.25	78.28 3.14 -41.50	38.55 2.44 -5.15	32.59 2.08 -1.62	27.17 3.02 20.47	24.51 2.47 14.24	31.16 2.07 0.00	29.97 2.01 0.00
RCPL_TRUST___DRP 24196	46.42 3.00 0.00	41.92 2.65 0.00	38.89 2.19 0.00	34.25 1.91 0.00	32.12 1.74 0.00	38.06 1.99 0.00	40.73 2.17 0.00	44.55 2.96 0.00	45.09 3.44 0.00	48.20 4.01 0.00	46.90 4.31 0.00	60.07 5.40 0.00	61.41 5.78 0.00	78.19 7.10 0.00	58.47 5.63 0.00	54.79 4.91 -4.52	69.25 3.98 -27.53	83.41 3.32 -46.46	56.74 2.64 -23.13	45.40 2.25 -14.27	47.91 3.28 0.00	38.92 2.64 0.00	31.25 2.16 0.00	30.01 2.05 0.00
RED___ROCHESTER 323720	45.19 1.77 0.00	39.84 0.56 0.00	36.83 0.13 0.00	32.24 -0.09 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.45 1.85 0.00	57.40 2.74 0.00	57.68 2.05 0.00	72.95 1.85 0.00	53.27 0.42 0.00	45.48 0.11 0.00	37.64 -0.10 0.00	33.82 0.18 0.00	31.27 0.30 0.00	29.78 0.89 0.00	46.16 1.54 0.00	37.69 1.40 0.00	30.23 1.14 0.00	28.90 0.94 0.00
REGAN___SOLAR 323812	49.21 5.79 0.00	44.08 4.80 0.00	41.00 4.30 0.00	36.01 3.68 0.00	33.85 3.48 0.00	40.39 4.31 0.00	43.18 4.62 0.00	45.95 4.36 0.00	45.41 3.76 0.00	48.31 4.13 0.00	45.16 2.57 0.00	58.33 3.67 0.00	58.51 2.89 0.00	74.20 3.11 0.00	55.80 2.96 0.00	49.70 4.34 0.00	43.28 5.53 0.00	39.00 5.37 0.00	35.98 5.02 0.00	33.66 4.78 0.00	51.68 7.06 0.00	41.87 5.59 0.00	33.34 4.24 0.00	31.79 3.83 0.00
RENSSELAER___COGEN 23796	44.36 0.94 0.00	40.14 0.86 0.00	37.42 0.72 0.00	33.04 0.70 0.00	31.01 0.63 0.00	36.70 0.63 0.00	39.15 0.59 0.00	42.36 0.76 0.00	42.45 0.80 0.00	45.19 1.01 0.00	43.57 0.98 0.00	55.69 1.04 0.00	56.92 1.30 0.00	72.69 1.60 0.00	54.30 1.46 0.00	47.38 1.27 -0.75	43.34 1.03 -4.55	34.51 0.87 0.00	31.64 0.68 0.00	29.43 0.54 0.00	45.50 0.88 0.00	36.98 0.70 0.00	29.69 0.59 0.00	28.58 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.84 6.42 0.00	44.25 4.97 0.00	41.11 4.41 0.00	36.61 4.27 0.00	34.35 3.97 0.00	40.93 4.86 0.00	43.84 5.28 0.00	47.74 6.15 0.00	47.60 5.96 0.00	50.29 6.11 0.00	48.53 5.94 0.00	62.48 7.82 0.00	64.47 8.84 0.00	82.95 11.86 0.00	61.32 8.47 0.00	53.64 7.57 -0.71	47.90 5.83 -4.32	39.33 5.69 0.00	36.01 5.05 0.00	33.64 4.76 0.00	51.82 7.20 0.00	42.90 6.61 0.00	34.15 5.06 0.00	32.43 4.46 0.00
REVERE_CPPR_DRP 24186	45.72 2.27 -0.03	41.03 1.74 -0.01	38.22 1.51 -0.02	33.60 1.26 0.00	31.53 1.15 0.00	37.58 1.51 0.00	40.33 1.77 0.00	43.67 2.07 0.00	43.81 2.16 0.00	46.46 2.28 0.00	44.77 2.18 0.00	57.59 2.89 -0.04	59.52 3.06 -0.84	79.46 4.26 -4.11	66.77 3.17 -10.75	58.98 2.74 -10.88	40.06 2.30 -0.01	35.79 2.16 0.00	32.89 1.92 0.00	30.70 1.81 0.00	47.19 2.52 -0.04	38.40 2.12 0.00	30.70 1.61 0.00	29.33 1.37 0.00
REYNOLDS_115KV_TB3 80639	44.69 1.27 0.00	40.43 1.15 0.00	37.68 0.98 0.00	33.29 0.95 0.00	31.25 0.88 0.00	36.99 0.92 0.00	39.44 0.88 0.00	42.68 1.09 0.00	42.78 1.13 0.00	45.55 1.37 0.00	43.97 1.38 0.00	56.25 1.59 0.00	57.54 1.91 0.00	73.48 2.39 0.00	54.87 2.02 0.00	47.92 1.78 -0.78	43.94 1.48 -4.72	34.89 1.26 0.00	32.00 1.03 0.00	29.75 0.86 0.00	45.99 1.37 0.00	37.40 1.11 0.00	30.00 0.91 0.00	28.82 0.86 0.00
RIVERBAY____ 323610	47.02 3.60 0.00	42.42 3.15 0.00	39.32 2.62 0.00	34.64 2.31 0.00	32.57 2.19 0.00	38.45 2.38 0.00	41.18 2.62 0.00	45.02 3.42 0.00	45.51 3.86 0.00	48.61 4.43 0.00	47.30 4.71 0.00	60.82 6.15 0.00	62.09 6.46 0.00	78.85 7.76 0.00	58.94 6.10 0.00	55.27 5.39 -4.52	69.65 4.39 -27.51	83.64 3.58 -46.43	56.97 2.89 -23.12	45.64 2.50 -14.26	48.22 3.60 0.01	39.26 2.98 0.01	31.49 2.41 0.00	30.19 2.23 0.00
RIVERSIDE_115KV_TB3 55908	44.60 1.18 0.00	40.34 1.06 0.00	37.60 0.91 0.00	33.20 0.86 0.00	31.17 0.79 0.00	36.90 0.83 0.00	39.37 0.81 0.00	42.60 1.01 0.00	42.71 1.06 0.00	45.49 1.31 0.00	43.90 1.31 0.00	56.16 1.50 0.00	57.43 1.80 0.00	73.33 2.24 0.00	54.77 1.92 0.00	47.81 1.69 -0.76	43.75 1.38 -4.62	34.81 1.17 0.00	31.92 0.95 0.00	29.68 0.79 0.00	45.89 1.27 0.00	37.29 1.01 0.00	29.91 0.82 0.00	28.75 0.78 0.00
ROARING___BROOK_WT_PWR 323790	43.18 -0.24 0.00	39.09 -0.18 0.00	36.55 -0.14 0.00	32.23 -0.11 0.00	30.29 -0.09 0.00	35.94 -0.13 0.00	38.42 -0.14 0.00	41.37 -0.23 0.00	41.35 -0.29 0.00	43.78 -0.40 0.00	42.06 -0.53 0.00	53.90 -0.76 0.00	54.69 -0.85 0.09	69.38 -0.96 0.75	49.05 -0.72 3.08	41.52 -0.63 3.21	37.28 -0.47 0.00	33.22 -0.41 0.00	30.62 -0.35 0.00	28.49 -0.39 0.00	44.01 -0.62 0.00	35.92 -0.36 0.00	28.84 -0.25 0.00	27.79 -0.17 0.00
ROCHESRG_115KV_T4 355643	44.51 1.09 0.00	39.27 -0.01 0.00	36.33 -0.37 0.00	31.82 -0.52 0.00	29.94 -0.43 0.00	35.87 -0.20 0.00	38.74 0.17 0.00	42.22 0.63 0.00	42.54 0.89 0.00	45.16 0.97 0.00	43.69 1.10 0.00	56.42 1.76 0.00	56.71 1.08 0.00	71.74 0.65 0.00	52.36 -0.48 0.00	44.70 -0.67 0.00	36.99 -0.76 0.00	33.22 -0.42 0.00	30.73 -0.24 0.00	29.28 0.40 0.00	45.40 0.77 0.00	37.09 0.81 0.00	29.77 0.68 0.00	28.50 0.53 0.00

ROCHESTER_9_IC 23652	44.87 1.45 0.00	39.56 0.29 0.00	36.60 -0.10 0.00	32.04 -0.29 0.00	30.15 -0.22 0.00	36.13 0.06 0.00	39.02 0.46 0.00	42.55 0.95 0.00	42.89 1.24 0.00	45.56 1.38 0.00	44.10 1.50 0.00	56.96 2.29 0.00	57.23 1.60 0.00	72.40 1.31 0.00	52.83 -0.01 0.00	45.10 -0.27 0.00	37.32 -0.43 0.00	33.52 -0.12 0.00	30.99 0.02 0.00	29.53 0.65 0.00	45.79 1.17 0.00	37.40 1.11 0.00	30.01 0.92 0.00	28.71 0.74 0.00
ROCKVIEW_13_KV_LD 356306	46.48 3.06 0.00	42.00 2.72 0.00	38.93 2.23 0.00	34.26 1.92 0.00	32.16 1.79 0.00	38.08 2.01 0.00	40.73 2.17 0.00	44.55 2.96 0.00	45.01 3.36 0.00	48.10 3.92 0.00	46.82 4.23 0.00	60.05 5.39 0.00	61.42 5.79 0.00	78.24 7.14 0.00	58.41 5.56 0.00	54.76 4.88 -4.52	69.20 3.96 -27.49	83.36 3.33 -46.39	56.82 2.76 -23.10	45.49 2.36 -14.25	48.02 3.39 0.00	39.05 2.76 0.00	31.29 2.21 0.00	30.03 2.06 0.00
ROME____115KV_TB2 80656	45.72 2.27 -0.03	41.03 1.74 -0.01	38.22 1.51 -0.02	33.60 1.26 0.00	31.53 1.15 0.00	37.58 1.51 0.00	40.33 1.77 0.00	43.67 2.07 0.00	43.81 2.16 0.00	46.46 2.28 0.00	44.77 2.18 0.00	57.59 2.89 -0.04	59.52 3.06 -0.84	79.46 4.26 -4.11	66.77 3.17 -10.75	58.98 2.74 -10.88	40.06 2.30 -0.01	35.79 2.16 0.00	32.89 1.92 0.00	30.70 1.81 0.00	47.19 2.52 -0.04	38.40 2.12 0.00	30.70 1.61 0.00	29.33 1.37 0.00
ROSETON____1 23587	45.64 2.21 0.00	41.20 1.92 0.00	38.26 1.56 0.00	33.69 1.36 0.00	31.61 1.24 0.00	37.44 1.37 0.00	40.02 1.46 0.00	43.61 2.01 0.00	44.00 2.35 0.00	46.99 2.80 0.00	45.59 3.00 0.00	58.42 3.76 0.00	59.74 4.12 0.00	76.15 5.05 0.00	56.90 4.05 0.00	48.94 3.58 0.00	40.63 2.88 0.00	36.08 2.45 0.00	33.00 2.03 0.00	30.56 1.68 0.00	47.04 2.42 0.00	38.23 1.95 0.00	30.62 1.53 0.00	29.38 1.41 0.00
ROSETON____2 23588	45.64 2.21 0.00	41.20 1.92 0.00	38.26 1.56 0.00	33.69 1.36 0.00	31.61 1.24 0.00	37.44 1.37 0.00	40.02 1.46 0.00	43.61 2.01 0.00	44.00 2.35 0.00	46.99 2.80 0.00	45.59 3.00 0.00	58.42 3.76 0.00	59.74 4.12 0.00	76.15 5.05 0.00	56.90 4.05 0.00	48.94 3.58 0.00	40.63 2.88 0.00	36.08 2.45 0.00	33.00 2.03 0.00	30.56 1.68 0.00	47.04 2.42 0.00	38.23 1.95 0.00	30.62 1.53 0.00	29.38 1.41 0.00
ROTTDRAM_115KV_TB3 80664	44.97 1.55 0.00	40.60 1.32 0.00	37.86 1.16 0.00	33.37 1.03 0.00	31.32 0.95 0.00	37.18 1.11 0.00	39.75 1.19 0.00	42.95 1.36 0.00	43.02 1.37 0.00	45.77 1.59 0.00	44.16 1.57 0.00	56.60 1.94 0.00	57.73 2.10 0.00	73.73 2.63 0.00	54.95 2.11 0.00	47.91 1.90 -0.65	43.38 1.68 -3.95	35.12 1.48 0.00	32.26 1.29 0.00	30.05 1.16 0.00	46.43 1.81 0.00	37.75 1.46 0.00	30.24 1.15 0.00	29.00 1.03 0.00
RUSSELL____1 23602	45.20 1.77 0.00	39.84 0.56 0.00	36.82 0.13 0.00	32.24 -0.10 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.44 1.85 0.00	57.41 2.75 0.00	57.68 2.05 0.00	72.98 1.89 0.00	53.26 0.41 0.00	45.47 0.10 0.00	37.62 -0.13 0.00	33.79 0.16 0.00	31.25 0.28 0.00	29.78 0.89 0.00	46.16 1.53 0.00	37.69 1.41 0.00	30.23 1.14 0.00	28.90 0.94 0.00
RUSSELL____2 23532	45.20 1.77 0.00	39.84 0.56 0.00	36.82 0.13 0.00	32.24 -0.10 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.44 1.85 0.00	57.41 2.75 0.00	57.68 2.05 0.00	72.98 1.89 0.00	53.26 0.41 0.00	45.47 0.10 0.00	37.62 -0.13 0.00	33.79 0.16 0.00	31.25 0.28 0.00	29.78 0.89 0.00	46.16 1.53 0.00	37.69 1.41 0.00	30.23 1.14 0.00	28.90 0.94 0.00
RUSSELL____3 23549	45.20 1.77 0.00	39.84 0.56 0.00	36.82 0.13 0.00	32.24 -0.10 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.44 1.85 0.00	57.41 2.75 0.00	57.68 2.05 0.00	72.98 1.89 0.00	53.26 0.41 0.00	45.47 0.10 0.00	37.62 -0.13 0.00	33.79 0.16 0.00	31.25 0.28 0.00	29.78 0.89 0.00	46.16 1.53 0.00	37.69 1.41 0.00	30.23 1.14 0.00	28.90 0.94 0.00
RUSSELL____4 23556	45.20 1.77 0.00	39.84 0.56 0.00	36.82 0.13 0.00	32.24 -0.10 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.44 1.85 0.00	57.41 2.75 0.00	57.68 2.05 0.00	72.98 1.89 0.00	53.26 0.41 0.00	45.47 0.10 0.00	37.62 -0.13 0.00	33.79 0.16 0.00	31.25 0.28 0.00	29.78 0.89 0.00	46.16 1.53 0.00	37.69 1.41 0.00	30.23 1.14 0.00	28.90 0.94 0.00
RUSSELL____STATION 23914	45.20 1.77 0.00	39.84 0.56 0.00	36.82 0.13 0.00	32.24 -0.10 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.44 1.85 0.00	57.41 2.75 0.00	57.68 2.05 0.00	72.98 1.89 0.00	53.26 0.41 0.00	45.47 0.10 0.00	37.62 -0.13 0.00	33.79 0.16 0.00	31.25 0.28 0.00	29.78 0.89 0.00	46.16 1.53 0.00	37.69 1.41 0.00	30.23 1.14 0.00	28.90 0.94 0.00
S SALMON____HYD 24043	43.99 0.41 -0.16	39.37 0.03 -0.07	36.65 -0.13 -0.08	32.15 -0.18 0.00	30.21 -0.17 0.00	35.99 -0.08 0.00	38.60 0.04 0.00	41.74 0.15 0.00	41.86 0.21 0.00	44.29 0.10 0.00	42.83 0.24 0.00	55.15 0.30 -0.19	58.90 0.35 -2.92	82.34 0.56 -10.69	68.62 0.34 -15.43	60.18 0.23 -14.59	37.87 0.09 -0.03	33.89 0.26 0.00	31.21 0.25 0.00	29.25 0.37 0.00	44.96 0.14 -0.19	36.65 0.37 0.00	29.39 0.30 0.00	28.19 0.23 0.00
S.PERRY__115KV_TB1 80734	45.46 2.04 0.00	39.95 0.67 0.00	36.97 0.28 0.00	32.33 -0.01 0.00	30.43 0.05 0.00	36.54 0.47 0.00	39.52 0.96 0.00	43.17 1.58 0.00	43.32 1.68 0.00	46.14 1.95 0.00	44.68 2.09 0.00	56.52 1.86 0.00	55.39 -0.24 0.00	69.69 -1.40 0.00	51.23 -1.62 0.00	44.16 -1.20 0.00	36.47 -1.28 0.00	32.82 -0.82 0.00	30.37 -0.60 0.00	28.99 0.11 0.00	44.96 0.34 0.00	36.65 0.37 0.00	30.51 1.42 0.00	29.08 1.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.77 1.35 0.00	38.99 -0.28 0.00	35.94 -0.76 0.00	31.34 -0.99 0.00	29.55 -0.83 0.00	35.58 -0.49 0.00	38.63 0.06 0.00	42.22 0.62 0.00	42.54 0.89 0.00	44.94 0.76 0.00	43.47 0.89 0.00	56.35 1.68 0.00	56.26 0.64 0.00	70.71 -0.38 0.00	51.13 -1.72 0.00	43.48 -1.89 0.00	35.83 -1.92 0.00	32.34 -1.30 0.00	30.05 -0.92 0.00	29.04 0.16 0.00	45.21 0.58 0.00	37.05 0.77 0.00	29.84 0.75 0.00	28.56 0.60 0.00
SAWYER____23_KV_LOAD 55526	44.77 1.35 0.00	38.99 -0.28 0.00	35.94 -0.76 0.00	31.34 -0.99 0.00	29.55 -0.83 0.00	35.58 -0.49 0.00	38.63 0.06 0.00	42.22 0.62 0.00	42.54 0.89 0.00	44.94 0.76 0.00	43.47 0.89 0.00	56.35 1.68 0.00	56.26 0.64 0.00	70.71 -0.38 0.00	51.13 -1.72 0.00	43.48 -1.89 0.00	35.83 -1.92 0.00	32.34 -1.30 0.00	30.05 -0.92 0.00	29.04 0.16 0.00	45.21 0.58 0.00	37.05 0.77 0.00	29.84 0.75 0.00	28.56 0.60 0.00

SELKIRK___I 23801	44.70 1.28 0.00	40.49 1.21 0.00	37.79 1.09 0.00	33.35 1.02 0.00	31.32 0.95 0.00	37.12 1.05 0.00	39.61 1.04 0.00	42.73 1.13 0.00	42.57 0.92 0.00	45.37 1.18 0.00	43.54 0.95 0.00	54.90 0.24 0.00	55.82 0.19 0.00	71.39 0.30 0.00	53.44 0.60 0.00	7.25 0.47 38.58	30.10 0.42 8.07	33.97 0.33 0.00	31.18 0.21 0.00	29.03 0.15 0.00	44.93 0.30 0.00	36.52 0.24 0.00	29.55 0.46 0.00	28.77 0.81 0.00
SELKIRK___II 23799	44.41 0.99 0.00	40.26 0.98 0.00	37.55 0.85 0.00	33.13 0.80 0.00	31.11 0.73 0.00	36.85 0.78 0.00	39.34 0.77 0.00	42.54 0.95 0.00	42.60 0.96 0.00	45.30 1.11 0.00	43.53 0.94 0.00	55.48 0.82 0.00	56.64 1.01 0.00	72.30 1.21 0.00	54.00 1.16 0.00	-97.09 0.99 143.44	-1.63 0.78 40.15	34.28 0.65 0.00	31.45 0.49 0.00	29.25 0.36 0.00	45.24 0.62 0.00	36.80 0.52 0.00	29.56 0.47 0.00	28.54 0.58 0.00
SENECA OSWGO___HYD 24041	43.50 -0.14 -0.22	38.93 -0.44 -0.09	36.27 -0.54 -0.11	31.81 -0.53 0.00	29.88 -0.49 0.00	35.58 -0.49 0.00	38.18 -0.39 0.00	41.38 -0.22 0.00	41.48 -0.16 0.00	43.98 -0.21 0.00	42.53 -0.06 0.00	54.99 0.06 -0.27	59.43 0.08 -3.72	82.65 -0.09 -11.64	60.42 -0.23 -7.81	51.20 -0.21 -6.05	37.54 -0.25 -0.04	33.46 -0.18 0.00	30.80 -0.17 0.00	28.84 -0.05 0.00	44.74 -0.15 -0.27	36.18 -0.10 0.00	28.99 -0.10 0.00	27.80 -0.17 0.00
SENECA___115KV_TB3 355854	45.33 1.90 0.00	39.48 0.20 0.00	36.41 -0.29 0.00	31.74 -0.59 0.00	29.92 -0.45 0.00	36.04 -0.03 0.00	39.13 0.57 0.00	42.83 1.23 0.00	43.17 1.53 0.00	45.63 1.45 0.00	44.17 1.58 0.00	57.25 2.59 0.00	57.19 1.56 0.00	71.96 0.86 0.00	52.03 -0.82 0.00	44.28 -1.08 0.00	36.42 -1.33 0.00	32.87 -0.77 0.00	30.52 -0.45 0.00	29.46 0.58 0.00	45.83 1.21 0.00	37.50 1.22 0.00	30.20 1.11 0.00	28.88 0.92 0.00
SENECA___ENERGY 23797	44.57 1.06 -0.09	39.64 0.32 -0.04	36.87 0.13 -0.04	32.38 0.05 0.00	30.42 0.04 0.00	36.38 0.30 0.00	39.03 0.47 0.00	42.49 0.90 0.00	42.80 1.16 0.00	45.46 1.28 0.00	44.08 1.48 0.00	56.95 2.18 -0.11	59.07 1.94 -1.50	78.08 2.20 -4.79	57.41 0.81 -3.76	49.00 0.56 -3.08	38.02 0.25 -0.02	34.03 0.39 0.00	31.42 0.45 0.00	29.61 0.73 0.00	45.83 1.10 -0.11	37.19 0.91 0.00	29.83 0.74 0.00	28.51 0.54 0.00
SHOEMAKER___GT 23640	45.52 2.10 0.00	41.06 1.78 0.00	38.15 1.45 0.00	33.59 1.26 0.00	31.52 1.14 0.00	37.34 1.27 0.00	39.94 1.38 0.00	43.50 1.91 0.00	43.85 2.20 0.00	46.84 2.65 0.00	45.45 2.85 0.00	58.19 3.53 0.00	59.30 3.67 0.00	75.64 4.55 0.00	56.49 3.64 0.00	44.71 3.35 4.00	16.04 2.62 24.33	-8.79 2.26 44.69	10.63 1.92 22.25	16.75 1.59 13.73	46.98 2.35 0.00	38.16 1.88 0.00	30.57 1.49 0.00	29.31 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	45.49 2.07 0.00	41.04 1.76 0.00	38.12 1.42 0.00	33.57 1.23 0.00	31.49 1.12 0.00	37.32 1.25 0.00	39.92 1.36 0.00	43.46 1.87 0.00	43.83 2.19 0.00	46.82 2.63 0.00	45.44 2.84 0.00	58.20 3.54 0.00	59.36 3.74 0.00	75.71 4.62 0.00	56.54 3.69 0.00	44.90 3.34 3.80	17.25 2.63 23.12	-6.63 2.27 42.54	11.69 1.91 21.18	17.40 1.58 13.06	46.96 2.33 0.00	38.15 1.87 0.00	30.56 1.47 0.00	29.30 1.34 0.00
SHOREHAM_IC_1 23715	45.92 2.49 0.00	41.61 2.33 0.00	38.93 2.23 0.00	34.29 1.95 0.00	32.16 1.79 0.00	38.08 2.01 0.00	40.80 2.24 0.00	44.65 3.06 0.00	45.13 3.48 0.00	48.28 4.09 0.00	51.20 4.81 -3.80	227.15 6.25 -166.24	252.41 6.60 -190.18	255.85 8.01 -176.75	229.89 5.97 -171.07	241.55 5.40 -190.79	265.59 4.53 -223.30	263.82 3.92 -226.26	296.90 3.35 -262.59	205.17 2.75 -173.53	58.69 3.38 -10.68	39.00 2.72 0.00	31.07 1.98 0.00	29.50 1.53 0.00
SHOREHAM_IC_2 23716	45.92 2.49 0.00	41.61 2.33 0.00	38.93 2.23 0.00	34.29 1.95 0.00	32.16 1.79 0.00	38.08 2.01 0.00	40.80 2.24 0.00	44.65 3.06 0.00	45.13 3.48 0.00	48.28 4.09 0.00	51.20 4.81 -3.80	227.15 6.25 -166.24	252.41 6.60 -190.18	255.85 8.01 -176.75	229.89 5.97 -171.07	241.55 5.40 -190.79	265.59 4.53 -223.30	263.82 3.92 -226.26	296.90 3.35 -262.59	205.17 2.75 -173.53	58.69 3.38 -10.68	39.00 2.72 0.00	31.07 1.98 0.00	29.50 1.53 0.00
SISSONVILLE____ 23735	42.60 -0.84 -0.02	38.57 -0.72 -0.01	35.88 -0.83 -0.01	31.63 -0.71 0.00	29.70 -0.67 0.00	35.18 -0.89 0.00	37.70 -0.87 0.00	40.37 -1.22 0.00	39.95 -1.70 0.00	41.88 -2.30 0.00	39.95 -2.64 0.00	51.18 -3.50 -0.03	51.09 -3.69 0.85	57.82 -4.14 9.13	8.63 -3.10 41.12	-0.32 -2.65 43.03	35.80 -1.96 0.00	31.97 -1.67 0.00	29.59 -1.37 0.00	27.72 -1.16 0.00	42.75 -1.90 -0.03	34.84 -1.44 0.00	28.13 -0.96 0.00	27.09 -0.87 0.00
SITHE_IND_GS1 24169	41.86 -0.92 0.65	37.94 -1.06 0.27	35.30 -1.09 0.31	31.33 -1.00 0.00	29.44 -0.94 0.00	35.04 -1.03 0.00	37.54 -1.02 0.00	40.65 -0.95 0.00	40.76 -0.88 0.00	43.26 -0.92 0.00	41.79 -0.80 0.00	52.95 -0.93 0.78	44.15 -1.02 10.47	38.69 -1.41 30.99	40.49 -1.24 11.11	38.75 -1.08 5.53	36.67 -0.96 0.12	32.84 -0.80 0.00	30.22 -0.74 0.00	28.28 -0.60 0.00	42.90 -0.94 0.78	35.55 -0.74 0.00	28.50 -0.60 0.00	27.33 -0.63 0.00
SITHE_IND_GS2 24170	41.86 -0.92 0.65	37.94 -1.06 0.27	35.30 -1.09 0.31	31.33 -1.00 0.00	29.44 -0.94 0.00	35.04 -1.03 0.00	37.54 -1.02 0.00	40.65 -0.95 0.00	40.76 -0.88 0.00	43.26 -0.92 0.00	41.79 -0.80 0.00	52.95 -0.93 0.78	44.15 -1.02 10.47	38.69 -1.41 30.99	40.49 -1.24 11.11	38.75 -1.08 5.53	36.67 -0.96 0.12	32.84 -0.80 0.00	30.22 -0.74 0.00	28.28 -0.60 0.00	42.90 -0.94 0.78	35.55 -0.74 0.00	28.50 -0.60 0.00	27.33 -0.63 0.00
SITHE_IND_GS3 24171	41.86 -0.92 0.65	37.94 -1.06 0.27	35.30 -1.09 0.31	31.33 -1.00 0.00	29.44 -0.94 0.00	35.04 -1.03 0.00	37.54 -1.02 0.00	40.65 -0.95 0.00	40.76 -0.88 0.00	43.26 -0.92 0.00	41.79 -0.80 0.00	52.95 -0.93 0.78	44.15 -1.02 10.47	38.69 -1.41 30.99	40.49 -1.24 11.11	38.75 -1.08 5.53	36.67 -0.96 0.12	32.84 -0.80 0.00	30.22 -0.74 0.00	28.28 -0.60 0.00	42.90 -0.94 0.78	35.55 -0.74 0.00	28.50 -0.60 0.00	27.33 -0.63 0.00
SITHE_IND_GS4 24172	41.86 -0.92 0.65	37.94 -1.06 0.27	35.30 -1.09 0.31	31.33 -1.00 0.00	29.44 -0.94 0.00	35.04 -1.03 0.00	37.54 -1.02 0.00	40.65 -0.95 0.00	40.76 -0.88 0.00	43.26 -0.92 0.00	41.79 -0.80 0.00	52.95 -0.93 0.78	44.15 -1.02 10.47	38.69 -1.41 30.99	40.49 -1.24 11.11	38.75 -1.08 5.53	36.67 -0.96 0.12	32.84 -0.80 0.00	30.22 -0.74 0.00	28.28 -0.60 0.00	42.90 -0.94 0.78	35.55 -0.74 0.00	28.50 -0.60 0.00	27.33 -0.63 0.00
SITHE___BATAVIA 24024	46.07 2.65 0.00	40.21 0.93 0.00	37.05 0.35 0.00	32.32 -0.02 0.00	30.44 0.06 0.00	36.62 0.55 0.00	39.76 1.20 0.00	43.54 1.95 0.00	43.90 2.26 0.00	46.57 2.38 0.00	45.07 2.48 0.00	58.36 3.70 0.00	58.26 2.63 0.00	73.43 2.33 0.00	53.10 0.26 0.00	45.14 -0.23 0.00	37.33 -0.42 0.00	33.67 0.03 0.00	31.21 0.24 0.00	30.03 1.15 0.00	46.69 2.07 0.00	38.20 1.92 0.00	30.69 1.60 0.00	29.33 1.36 0.00

SITHE___INDEPEND 23800	41.86 -0.92 0.65	37.94 -1.06 0.27	35.30 -1.09 0.31	31.34 -1.00 0.00	29.44 -0.94 0.00	35.04 -1.03 0.00	37.54 -1.02 0.00	40.65 -0.95 0.00	40.76 -0.88 0.00	43.27 -0.92 0.00	41.79 -0.80 0.00	52.95 -0.93 0.78	44.15 -1.02 10.47	38.69 -1.41 30.99	40.49 -1.24 11.11	38.75 -1.09 5.53	36.67 -0.96 0.12	32.83 -0.80 0.00	30.22 -0.75 0.00	28.28 -0.60 0.00	42.90 -0.94 0.78	35.55 -0.74 0.00	28.50 -0.59 0.00	27.33 -0.63 0.00
SITHE___MASSENA 23902	42.76 -0.66 0.00	38.82 -0.46 0.00	36.36 -0.33 0.00	32.09 -0.24 0.00	30.17 -0.21 0.00	35.79 -0.28 0.00	38.26 -0.31 0.00	40.98 -0.62 0.00	40.68 -0.96 0.00	42.65 -1.53 0.00	40.70 -1.89 0.00	52.23 -2.43 0.00	52.44 -2.69 0.50	63.81 -3.01 4.27	33.05 -2.29 17.51	25.07 -2.05 18.24	36.27 -1.48 0.00	32.33 -1.30 0.00	29.93 -1.04 0.00	27.98 -0.91 0.00	43.30 -1.32 0.00	35.19 -1.10 0.00	28.27 -0.82 0.00	27.27 -0.69 0.00
SITHE___OGDNSBRG 24021	43.43 0.00 0.00	39.37 0.09 0.00	36.78 0.08 0.00	32.45 0.11 0.00	30.49 0.12 0.00	36.19 0.12 0.00	38.72 0.15 0.00	41.38 -0.21 0.00	40.78 -0.87 0.00	42.74 -1.45 0.00	40.64 -1.95 0.00	52.08 -2.58 0.00	51.75 -2.96 0.91	59.94 -3.31 7.84	18.34 -2.35 32.16	9.91 -1.95 33.50	36.48 -1.27 0.00	32.62 -1.02 0.00	30.25 -0.71 0.00	28.40 -0.49 0.00	44.02 -0.61 0.00	35.78 -0.50 0.00	28.75 -0.34 0.00	27.68 -0.28 0.00
SITHE___STERLING 23777	45.30 1.84 -0.04	40.66 1.37 -0.02	37.89 1.17 -0.02	33.31 0.97 0.00	31.26 0.89 0.00	37.24 1.17 0.00	39.95 1.38 0.00	43.27 1.68 0.00	43.40 1.75 0.00	46.05 1.87 0.00	44.41 1.81 0.00	57.16 2.45 -0.04	59.07 2.65 -0.79	78.02 3.51 -3.41	62.83 2.59 -7.40	54.97 2.25 -7.37	39.61 1.86 -0.01	35.36 1.72 0.00	32.49 1.52 0.00	30.34 1.46 0.00	46.77 2.10 -0.04	37.98 1.70 0.00	30.39 1.30 0.00	29.05 1.09 0.00
SLEIGHT___34_KV_TB1 80719	44.49 1.04 -0.02	39.45 0.16 -0.01	36.59 -0.12 -0.01	32.08 -0.26 0.00	30.16 -0.21 0.00	36.08 0.01 0.00	38.89 0.32 0.00	42.36 0.76 0.00	42.67 1.02 0.00	45.37 1.18 0.00	43.92 1.32 0.00	56.77 2.08 -0.03	57.71 1.68 -0.40	73.89 1.62 -1.17	53.68 0.42 -0.42	45.74 0.17 -0.21	37.69 -0.06 0.00	33.78 0.14 0.00	31.18 0.21 0.00	29.53 0.64 0.00	45.72 1.07 -0.03	37.23 0.94 0.00	29.80 0.71 0.00	28.50 0.53 0.00
SOUTH CAIRO___GT 23612	46.64 3.22 0.00	42.04 2.76 0.00	39.17 2.48 0.00	34.54 2.21 0.00	32.40 2.03 0.00	38.41 2.34 0.00	41.01 2.45 0.00	44.24 2.65 0.00	44.09 2.44 0.00	46.99 2.81 0.00	44.91 2.32 0.00	57.51 2.85 0.00	58.55 2.92 0.00	75.31 4.22 0.00	56.31 3.47 0.00	-0.71 2.74 48.81	25.08 2.40 15.08	36.09 2.45 0.00	33.20 2.23 0.00	30.91 2.03 0.00	47.95 3.33 0.00	38.84 2.56 0.00	31.12 2.03 0.00	30.01 2.05 0.00
SOUTH HAMPTN___IC 23720	46.57 3.15 0.00	42.14 2.86 0.00	39.55 2.85 0.00	34.89 2.56 0.00	32.79 2.41 0.00	38.91 2.83 0.00	41.72 3.16 0.00	45.74 4.15 0.00	46.27 4.62 0.00	49.49 5.30 0.00	52.48 6.08 -3.80	213.88 7.95 -151.27	237.05 8.31 -173.12	240.79 10.22 -159.47	207.10 7.41 -146.84	225.48 6.58 -173.54	262.13 5.46 -218.93	256.83 4.69 -218.50	274.26 4.05 -239.24	191.69 3.39 -159.41	57.46 4.27 -8.55	39.59 3.31 0.00	31.50 2.41 0.00	29.86 1.90 0.00
SOUTHDOW___115KV_TB1 355954	47.36 3.94 0.00	41.13 1.86 0.00	37.95 1.26 0.00	32.97 0.63 0.00	31.12 0.75 0.00	37.75 1.68 0.00	41.05 2.48 0.00	45.24 3.65 0.00	45.56 3.92 0.00	48.18 3.99 0.00	46.84 4.25 0.00	60.67 6.00 0.00	60.66 5.03 0.00	75.50 4.41 0.00	54.26 1.41 0.00	46.21 0.85 0.00	37.85 0.10 0.00	34.28 0.65 0.00	31.76 0.79 0.00	30.58 1.69 0.00	47.48 2.86 0.00	39.13 2.85 0.00	31.50 2.41 0.00	30.04 2.08 0.00
SOUTHOLD_69_KV_BK 2 55809	46.96 3.54 0.00	42.45 3.17 0.00	40.09 3.39 0.00	35.49 3.16 0.00	33.46 3.08 0.00	39.87 3.80 0.00	42.80 4.24 0.00	47.03 5.44 0.00	47.58 5.94 0.00	50.21 6.03 0.00	53.12 6.72 -3.80	215.07 8.84 -151.56	238.27 9.19 -173.45	242.07 11.16 -159.81	207.84 7.68 -147.31	226.10 6.90 -173.84	262.40 5.64 -219.01	257.02 4.78 -218.61	274.70 4.08 -239.66	191.94 3.40 -159.65	57.48 4.25 -8.60	39.39 3.11 0.00	31.26 2.17 0.00	29.51 1.54 0.00
SOUTHOLD___IC 23719	46.96 3.54 0.00	42.45 3.17 0.00	40.09 3.39 0.00	35.49 3.16 0.00	33.46 3.08 0.00	39.87 3.80 0.00	42.80 4.24 0.00	47.04 5.44 0.00	47.59 5.94 0.00	50.21 6.03 0.00	53.11 6.72 -3.80	215.07 8.85 -151.56	238.27 9.19 -173.45	242.08 11.17 -159.81	207.83 7.67 -147.31	226.11 6.90 -173.84	262.40 5.64 -219.01	257.02 4.78 -218.61	274.70 4.07 -239.66	191.94 3.40 -159.65	57.48 4.25 -8.60	39.39 3.11 0.00	31.26 2.17 0.00	29.50 1.54 0.00
SOUTH_FORK_WT_PWR 323839	46.49 3.07 0.00	42.02 2.75 0.00	39.92 3.22 0.00	35.46 3.12 0.00	33.52 3.15 0.00	40.03 3.96 0.00	43.00 4.43 0.00	47.28 5.69 0.00	47.79 6.14 0.00	50.79 6.60 0.00	53.80 7.41 -3.80	215.73 9.67 -151.41	238.83 9.93 -173.27	242.86 12.14 -159.63	208.08 8.18 -147.06	226.39 7.34 -173.68	262.69 5.98 -218.97	257.21 5.03 -218.55	274.72 4.32 -239.43	191.99 3.58 -159.52	57.55 4.35 -8.57	39.38 3.10 0.00	31.21 2.12 0.00	29.40 1.44 0.00
SPIERFLS_115KV_TB 1 80737	46.64 3.22 0.00	41.80 2.53 0.00	38.90 2.21 0.00	34.38 2.05 0.00	32.25 1.88 0.00	38.34 2.27 0.00	41.00 2.44 0.00	44.45 2.86 0.00	44.54 2.89 0.00	47.39 3.20 0.00	45.51 2.92 0.00	58.50 3.84 0.00	59.66 4.03 0.00	76.38 5.29 0.00	56.87 4.03 0.00	49.63 3.56 -0.70	45.12 3.08 -4.29	36.53 2.89 0.00	33.70 2.74 0.00	31.41 2.52 0.00	48.77 4.15 0.00	39.68 3.39 0.00	31.64 2.55 0.00	30.23 2.27 0.00
ST LAWRENCE____ 23600	42.31 -1.11 0.00	38.44 -0.84 0.00	36.06 -0.64 0.00	31.83 -0.51 0.00	29.93 -0.45 0.00	35.51 -0.57 0.00	37.93 -0.63 0.00	40.64 -0.95 0.00	40.57 -1.08 0.00	42.72 -1.46 0.00	40.79 -1.80 0.00	52.35 -2.31 0.00	52.76 -2.55 0.31	65.54 -2.88 2.67	39.73 -2.17 10.95	32.00 -1.96 11.41	36.31 -1.44 0.00	32.35 -1.28 0.00	29.93 -1.04 0.00	27.93 -0.96 0.00	43.24 -1.38 0.00	35.14 -1.15 0.00	28.21 -0.87 0.00	27.21 -0.75 0.00
STATE_CA_115KV_115_LB 55624	44.70 1.28 0.00	40.41 1.14 0.00	37.67 0.98 0.00	33.25 0.92 0.00	31.21 0.84 0.00	36.97 0.90 0.00	39.46 0.90 0.00	42.72 1.12 0.00	42.83 1.18 0.00	45.63 1.44 0.00	44.05 1.46 0.00	56.36 1.70 0.00	57.61 1.98 0.00	73.57 2.47 0.00	54.94 2.10 0.00	47.94 1.84 -0.74	43.73 1.49 -4.49	34.91 1.27 0.00	32.00 1.03 0.00	29.76 0.88 0.00	46.00 1.37 0.00	37.39 1.11 0.00	29.99 0.90 0.00	28.81 0.85 0.00
STATE_ST_34_KV_LOAD 55959	44.52 1.00 -0.10	39.84 0.52 -0.04	37.11 0.36 -0.05	32.61 0.27 0.00	30.60 0.23 0.00	36.55 0.48 0.00	39.08 0.52 0.00	42.43 0.84 0.00	42.75 1.10 0.00	45.44 1.26 0.00	43.89 1.31 0.00	56.89 2.10 -0.12	59.35 1.99 -1.73	79.07 2.48 -5.49	58.11 1.17 -4.09	49.64 0.98 -3.30	38.39 0.62 -0.02	34.32 0.68 0.00	31.57 0.60 0.00	29.71 0.82 0.00	46.01 1.27 -0.12	37.28 1.00 0.00	29.85 0.76 0.00	28.59 0.62 0.00

STATION 5_MISC_HYD 23604	44.87 1.45 0.00	39.57 0.29 0.00	36.60 -0.10 0.00	32.04 -0.30 0.00	30.15 -0.22 0.00	36.13 0.06 0.00	39.02 0.46 0.00	42.54 0.95 0.00	42.89 1.24 0.00	45.56 1.37 0.00	44.09 1.50 0.00	56.95 2.29 0.00	57.23 1.60 0.00	72.38 1.29 0.00	52.84 -0.01 0.00	45.11 -0.26 0.00	37.34 -0.41 0.00	33.54 -0.10 0.00	31.01 0.05 0.00	29.54 0.65 0.00	45.79 1.17 0.00	37.39 1.10 0.00	30.01 0.92 0.00	28.71 0.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.07 1.62 -0.03	39.88 0.59 -0.01	36.95 0.24 -0.01	32.40 0.06 0.00	30.46 0.08 0.00	36.47 0.40 0.00	39.31 0.75 0.00	42.88 1.28 0.00	43.23 1.58 0.00	45.95 1.77 0.00	44.52 1.93 0.00	57.49 2.80 -0.03	58.38 2.33 -0.42	74.76 2.41 -1.25	54.25 0.95 -0.45	46.20 0.62 -0.22	38.05 0.30 0.00	34.13 0.49 0.00	31.53 0.56 0.00	29.87 0.98 0.00	46.24 1.59 -0.03	37.66 1.38 0.00	30.18 1.09 0.00	28.84 0.87 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.62 1.20 0.00	39.38 0.10 0.00	36.43 -0.27 0.00	31.91 -0.43 0.00	30.02 -0.36 0.00	35.95 -0.12 0.00	38.82 0.26 0.00	42.33 0.74 0.00	42.69 1.04 0.00	45.36 1.18 0.00	43.91 1.32 0.00	56.71 2.05 0.00	57.04 1.41 0.00	72.19 1.10 0.00	52.73 -0.12 0.00	45.02 -0.34 0.00	37.26 -0.49 0.00	33.45 -0.19 0.00	30.92 -0.04 0.00	29.43 0.54 0.00	45.60 0.98 0.00	37.23 0.95 0.00	29.86 0.77 0.00	28.55 0.59 0.00
STA_56____34_KV_BUS2 355983	44.62 1.20 0.00	39.38 0.10 0.00	36.43 -0.27 0.00	31.91 -0.43 0.00	30.02 -0.36 0.00	35.95 -0.12 0.00	38.82 0.26 0.00	42.33 0.74 0.00	42.69 1.04 0.00	45.36 1.18 0.00	43.91 1.32 0.00	56.71 2.05 0.00	57.04 1.41 0.00	72.19 1.10 0.00	52.73 -0.12 0.00	45.02 -0.34 0.00	37.26 -0.49 0.00	33.45 -0.19 0.00	30.92 -0.04 0.00	29.43 0.54 0.00	45.60 0.98 0.00	37.23 0.95 0.00	29.86 0.77 0.00	28.55 0.59 0.00
STA_67____115KV_BK2 355882	44.73 1.31 0.00	39.45 0.18 0.00	36.49 -0.20 0.00	31.95 -0.39 0.00	30.06 -0.31 0.00	36.02 -0.05 0.00	38.91 0.35 0.00	42.42 0.83 0.00	42.76 1.12 0.00	45.40 1.21 0.00	43.94 1.35 0.00	56.75 2.09 0.00	57.03 1.40 0.00	72.15 1.06 0.00	52.65 -0.20 0.00	44.94 -0.42 0.00	37.19 -0.56 0.00	33.41 -0.23 0.00	30.90 -0.07 0.00	29.44 0.55 0.00	45.64 1.02 0.00	37.28 1.00 0.00	29.92 0.83 0.00	28.63 0.66 0.00
STA_7____115KV_9TRANS 80674	45.20 1.77 0.00	39.84 0.56 0.00	36.82 0.13 0.00	32.24 -0.10 0.00	30.34 -0.04 0.00	36.36 0.29 0.00	39.26 0.70 0.00	42.82 1.22 0.00	43.18 1.54 0.00	45.89 1.71 0.00	44.44 1.85 0.00	57.41 2.75 0.00	57.68 2.05 0.00	72.98 1.89 0.00	53.26 0.41 0.00	45.47 0.10 0.00	37.62 -0.13 0.00	33.79 0.16 0.00	31.25 0.28 0.00	29.78 0.89 0.00	46.16 1.53 0.00	37.69 1.41 0.00	30.23 1.14 0.00	28.90 0.94 0.00
STA_82____115KV_TB1 80780	44.76 1.34 0.00	39.47 0.19 0.00	36.50 -0.19 0.00	31.96 -0.37 0.00	30.08 -0.29 0.00	36.04 -0.03 0.00	38.93 0.36 0.00	42.45 0.85 0.00	42.78 1.14 0.00	45.44 1.26 0.00	43.97 1.38 0.00	56.79 2.13 0.00	57.07 1.44 0.00	72.19 1.09 0.00	52.68 -0.16 0.00	44.96 -0.40 0.00	37.21 -0.54 0.00	33.42 -0.21 0.00	30.91 -0.06 0.00	29.46 0.57 0.00	45.66 1.04 0.00	37.31 1.03 0.00	29.94 0.85 0.00	28.63 0.67 0.00
STEEL____WIND 323596	45.25 1.83 0.00	39.43 0.15 0.00	36.37 -0.33 0.00	31.70 -0.63 0.00	29.89 -0.48 0.00	35.99 -0.08 0.00	39.07 0.51 0.00	42.76 1.16 0.00	43.12 1.47 0.00	45.58 1.39 0.00	44.11 1.52 0.00	57.18 2.52 0.00	57.11 1.48 0.00	71.85 0.76 0.00	51.97 -0.87 0.00	44.23 -1.13 0.00	36.43 -1.32 0.00	32.87 -0.77 0.00	30.51 -0.46 0.00	29.43 0.55 0.00	45.78 1.16 0.00	37.45 1.16 0.00	30.17 1.08 0.00	28.85 0.89 0.00
STEPHTWN_115KV_BK_2 55603	44.85 1.43 0.00	40.57 1.30 0.00	37.82 1.12 0.00	33.34 1.00 0.00	31.27 0.90 0.00	37.16 1.09 0.00	39.68 1.12 0.00	42.91 1.31 0.00	43.03 1.38 0.00	45.93 1.75 0.00	44.36 1.77 0.00	56.67 2.01 0.00	57.82 2.20 0.00	73.83 2.74 0.00	55.20 2.35 0.00	48.04 1.94 -0.75	43.90 1.59 -4.55	35.04 1.41 0.00	32.15 1.19 0.00	29.93 1.04 0.00	46.28 1.66 0.00	37.48 1.19 0.00	30.06 0.97 0.00	28.93 0.97 0.00
STEUBEN_REC_LFGE 323667	46.04 2.59 -0.03	40.47 1.18 -0.01	37.57 0.85 -0.02	32.88 0.54 0.00	30.92 0.54 0.00	37.14 1.07 0.00	40.12 1.55 0.00	43.90 2.31 0.00	44.08 2.43 0.00	46.76 2.58 0.00	45.46 2.87 0.00	58.69 3.99 -0.04	59.31 3.14 -0.54	76.01 3.31 -1.60	54.72 1.30 -0.57	46.70 1.06 -0.29	38.25 0.49 -0.01	34.38 0.74 0.00	31.75 0.78 0.00	30.25 1.37 0.00	46.96 2.30 -0.04	38.16 1.88 0.00	30.78 1.69 0.00	29.41 1.45 0.00
STILLWATER____SOLAR 323814	46.45 3.02 0.00	41.76 2.48 0.00	38.87 2.18 0.00	34.33 1.99 0.00	32.20 1.83 0.00	38.27 2.20 0.00	40.87 2.30 0.00	44.22 2.63 0.00	44.27 2.62 0.00	47.12 2.94 0.00	45.42 2.83 0.00	58.31 3.65 0.00	59.58 3.96 0.00	76.14 5.05 0.00	56.77 3.93 0.00	49.56 3.47 -0.73	45.14 2.96 -4.43	36.34 2.70 0.00	33.42 2.46 0.00	31.12 2.23 0.00	48.23 3.61 0.00	39.20 2.91 0.00	31.32 2.23 0.00	29.99 2.03 0.00
STONY____BROOK 24151	46.56 3.13 0.00	42.19 2.91 0.00	39.44 2.74 0.00	34.68 2.34 0.00	32.51 2.13 0.00	38.46 2.39 0.00	41.21 2.65 0.00	45.08 3.48 0.00	45.36 3.71 0.00	48.58 4.39 0.00	51.49 5.09 -3.80	296.32 6.59 -235.06	331.29 7.01 -268.65	335.17 8.72 -255.35	341.56 6.65 -282.07	323.40 5.78 -272.27	286.01 4.76 -243.49	303.33 4.08 -265.61	406.54 3.49 -372.08	273.13 2.93 -241.31	68.65 3.64 -20.38	39.11 2.83 0.00	31.23 2.14 0.00	29.92 1.96 0.00
STURGEON_POOL_HYD 23609	45.69 2.27 0.00	41.24 1.97 0.00	38.32 1.62 0.00	33.74 1.41 0.00	31.64 1.27 0.00	37.49 1.42 0.00	40.21 1.65 0.00	43.95 2.35 0.00	44.43 2.78 0.00	47.51 3.33 0.00	46.30 3.71 0.00	59.49 4.83 0.00	60.86 5.24 0.00	77.44 6.35 0.00	57.82 4.98 0.00	37.36 4.47 12.48	37.48 3.58 3.86	36.65 3.01 0.00	33.47 2.50 0.00	31.00 2.12 0.00	47.63 3.01 0.00	38.70 2.42 0.00	30.95 1.86 0.00	29.57 1.60 0.00
ST_LAW_115_BK7_LBMP 345037	42.25 -1.17 0.00	38.39 -0.88 0.00	36.00 -0.69 0.00	31.79 -0.54 0.00	29.89 -0.48 0.00	35.46 -0.61 0.00	37.88 -0.68 0.00	40.58 -1.02 0.00	40.46 -1.19 0.00	42.57 -1.61 0.00	40.64 -1.96 0.00	52.17 -2.49 0.00	52.51 -2.76 0.36	64.91 -3.12 3.06	37.92 -2.37 12.55	30.17 -2.12 13.07	36.19 -1.56 0.00	32.25 -1.39 0.00	29.84 -1.13 0.00	27.85 -1.04 0.00	43.13 -1.50 0.00	35.05 -1.24 0.00	28.14 -0.95 0.00	27.15 -0.82 0.00
ST_LAW_115_BK8_LBMP 345038	42.25 -1.17 0.00	38.39 -0.88 0.00	36.00 -0.69 0.00	31.79 -0.54 0.00	29.89 -0.48 0.00	35.46 -0.61 0.00	37.88 -0.68 0.00	40.58 -1.02 0.00	40.46 -1.19 0.00	42.57 -1.61 0.00	40.64 -1.96 0.00	52.17 -2.49 0.00	52.51 -2.76 0.36	64.91 -3.12 3.06	37.92 -2.37 12.55	30.17 -2.12 13.07	36.19 -1.56 0.00	32.25 -1.39 0.00	29.84 -1.13 0.00	27.85 -1.04 0.00	43.13 -1.50 0.00	35.05 -1.24 0.00	28.14 -0.95 0.00	27.15 -0.82 0.00

ST_LAW_230_BK5_LBMP 345035	42.31 -1.11 0.00	38.44 -0.84 0.00	36.06 -0.64 0.00	31.83 -0.51 0.00	29.93 -0.45 0.00	35.51 -0.57 0.00	37.93 -0.63 0.00	40.64 -0.95 0.00	40.57 -1.08 0.00	42.72 -1.46 0.00	40.79 -1.80 0.00	52.35 -2.31 0.00	52.80 -2.55 0.27	65.87 -2.88 2.34	41.10 -2.17 9.58	33.42 -1.96 9.98	36.31 -1.44 0.00	32.35 -1.28 0.00	29.93 -1.04 0.00	27.93 -0.96 0.00	43.24 -1.38 0.00	35.14 -1.15 0.00	28.21 -0.87 0.00	27.21 -0.75 0.00
ST_LAW_230_BK6_LBMP 345036	42.31 -1.11 0.00	38.44 -0.84 0.00	36.06 -0.64 0.00	31.83 -0.51 0.00	29.93 -0.45 0.00	35.51 -0.57 0.00	37.93 -0.63 0.00	40.64 -0.95 0.00	40.57 -1.08 0.00	42.72 -1.46 0.00	40.79 -1.80 0.00	52.35 -2.31 0.00	52.80 -2.55 0.27	65.87 -2.88 2.34	41.10 -2.17 9.58	33.42 -1.96 9.98	36.31 -1.44 0.00	32.35 -1.28 0.00	29.93 -1.04 0.00	27.93 -0.96 0.00	43.24 -1.38 0.00	35.14 -1.15 0.00	28.21 -0.87 0.00	27.21 -0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.69 2.27 0.00	41.23 1.95 0.00	38.25 1.55 0.00	33.68 1.34 0.00	31.59 1.21 0.00	37.43 1.36 0.00	40.03 1.47 0.00	43.68 2.08 0.00	44.12 2.47 0.00	47.15 2.97 0.00	45.83 3.24 0.00	58.78 4.12 0.00	60.02 4.39 0.00	76.58 5.48 0.00	57.19 4.35 0.00	44.48 3.78 4.66	12.39 2.99 28.35	-15.70 2.55 51.89	7.27 2.14 25.84	14.74 1.79 15.94	47.23 2.61 0.00	38.36 2.08 0.00	30.73 1.64 0.00	29.46 1.50 0.00
SWANROAD_115KV_TB1 355699	43.96 0.53 0.00	38.22 -1.06 0.00	35.18 -1.52 0.00	30.69 -1.65 0.00	28.95 -1.43 0.00	34.88 -1.19 0.00	37.88 -0.69 0.00	41.35 -0.24 0.00	41.68 0.03 0.00	43.98 -0.20 0.00	42.51 -0.08 0.00	55.12 0.46 0.00	54.99 -0.64 0.00	68.98 -2.11 0.00	49.81 -3.03 0.00	42.32 -3.04 0.00	34.92 -2.83 0.00	31.55 -2.08 0.00	29.36 -1.60 0.00	28.45 -0.44 0.00	44.28 -0.34 0.00	36.38 0.10 0.00	29.31 0.22 0.00	28.09 0.13 0.00
SYNERGY___BIOGAS 323694	46.07 2.65 0.00	40.21 0.93 0.00	37.05 0.35 0.00	32.32 -0.02 0.00	30.44 0.06 0.00	36.62 0.55 0.00	39.76 1.20 0.00	43.54 1.95 0.00	43.90 2.26 0.00	46.57 2.38 0.00	45.07 2.48 0.00	58.36 3.70 0.00	58.26 2.63 0.00	73.43 2.33 0.00	53.10 0.26 0.00	45.14 -0.23 0.00	37.33 -0.42 0.00	33.67 0.03 0.00	31.21 0.24 0.00	30.03 1.15 0.00	46.69 2.07 0.00	38.20 1.92 0.00	30.69 1.60 0.00	29.33 1.36 0.00
SYRACUSE___ENERGY_ST1 323597	43.76 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.26 0.00	30.13 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.63 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.10 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	43.76 0.22 -0.12	39.20 -0.13 -0.05	36.52 -0.24 -0.06	32.07 -0.26 0.00	30.13 -0.25 0.00	35.89 -0.18 0.00	38.48 -0.08 0.00	41.73 0.13 0.00	41.89 0.24 0.00	44.51 0.33 0.00	43.09 0.49 0.00	55.63 0.82 -0.15	58.45 0.75 -2.07	78.50 0.84 -6.57	58.10 0.33 -4.93	49.63 0.28 -3.99	37.88 0.11 -0.02	33.80 0.16 0.00	31.07 0.10 0.00	29.10 0.21 0.00	45.06 0.29 -0.15	36.51 0.23 0.00	29.25 0.16 0.00	28.03 0.07 0.00
SYRACUSE___POWER 24017	43.97 0.46 -0.08	39.37 0.06 -0.03	36.67 -0.07 -0.04	32.20 -0.13 0.00	30.25 -0.12 0.00	36.04 -0.03 0.00	38.67 0.10 0.00	41.95 0.36 0.00	42.09 0.44 0.00	44.72 0.54 0.00	43.30 0.71 0.00	55.86 1.10 -0.10	58.09 1.07 -1.39	76.92 1.25 -4.58	57.88 0.69 -4.35	49.71 0.58 -3.77	38.13 0.36 -0.02	34.02 0.39 0.00	31.25 0.29 0.00	29.26 0.37 0.00	45.26 0.54 -0.10	36.72 0.43 0.00	29.40 0.31 0.00	28.17 0.20 0.00
TALLMAN___138KV_BK151 55660	45.86 2.44 0.00	41.38 2.11 0.00	38.34 1.65 0.00	33.76 1.42 0.00	31.67 1.30 0.00	37.49 1.42 0.00	40.10 1.54 0.00	43.84 2.25 0.00	44.36 2.71 0.00	47.46 3.28 0.00	46.17 3.58 0.00	59.27 4.61 0.00	60.62 4.99 0.00	77.25 6.15 0.00	57.63 4.79 0.00	43.14 4.10 6.32	2.55 3.27 38.46	-31.63 2.76 68.03	-0.60 2.31 33.87	9.92 1.93 20.89	47.44 2.82 0.00	38.52 2.24 0.00	30.87 1.78 0.00	29.59 1.63 0.00
TEALLAVE_115KV_TB7 355573	43.73 0.25 -0.07	39.17 -0.14 -0.03	36.48 -0.25 -0.03	32.05 -0.29 0.00	30.10 -0.27 0.00	35.86 -0.21 0.00	38.48 -0.08 0.00	41.75 0.15 0.00	41.89 0.24 0.00	44.52 0.34 0.00	43.11 0.52 0.00	55.57 0.83 -0.08	57.60 0.80 -1.17	75.97 0.86 -4.02	57.77 0.40 -4.52	49.77 0.32 -4.09	37.91 0.15 -0.01	33.83 0.20 0.00	31.08 0.11 0.00	29.11 0.22 0.00	45.00 0.29 -0.08	36.53 0.25 0.00	29.26 0.16 0.00	28.03 0.07 0.00
TELGRAPH_34_KV_EAST 80808	44.99 1.57 0.00	39.19 -0.09 0.00	36.10 -0.60 0.00	31.49 -0.85 0.00	29.68 -0.69 0.00	35.73 -0.34 0.00	38.80 0.23 0.00	42.44 0.84 0.00	42.80 1.15 0.00	45.26 1.07 0.00	43.75 1.16 0.00	56.66 2.00 0.00	56.57 0.94 0.00	71.10 0.01 0.00	51.38 -1.46 0.00	43.68 -1.68 0.00	36.05 -1.70 0.00	32.55 -1.09 0.00	30.23 -0.74 0.00	29.21 0.32 0.00	45.45 0.83 0.00	37.26 0.97 0.00	29.98 0.89 0.00	28.69 0.72 0.00
TEMPLE___115KV_TB 2 55572	43.76 0.27 -0.07	39.20 -0.11 -0.03	36.50 -0.23 -0.03	32.06 -0.27 0.00	30.12 -0.25 0.00	35.88 -0.19 0.00	38.51 -0.05 0.00	41.78 0.19 0.00	41.93 0.28 0.00	44.57 0.38 0.00	43.16 0.57 0.00	55.64 0.90 -0.08	57.65 0.85 -1.17	76.01 0.93 -3.99	57.73 0.46 -4.44	49.72 0.36 -4.00	37.94 0.17 -0.01	33.86 0.22 0.00	31.11 0.14 0.00	29.12 0.24 0.00	45.03 0.33 -0.08	36.55 0.27 0.00	29.28 0.19 0.00	28.05 0.09 0.00
TIANA____69_KV_BK 1 55817	46.50 3.08 0.00	42.10 2.82 0.00	39.44 2.74 0.00	34.77 2.44 0.00	32.65 2.27 0.00	38.70 2.63 0.00	41.50 2.94 0.00	45.46 3.87 0.00	46.00 4.35 0.00	49.21 5.02 0.00	52.18 5.79 -3.80	213.72 7.55 -151.51	236.91 7.90 -173.39	240.59 9.74 -159.75	207.22 7.15 -147.23	225.53 6.38 -173.78	262.04 5.30 -219.00	256.80 4.58 -218.59	274.48 3.93 -239.58	191.78 3.29 -159.60	57.38 4.16 -8.59	39.52 3.24 0.00	31.47 2.38 0.00	29.86 1.90 0.00
TILDEN___115KV_TB1 80814	43.97 0.46 -0.08	39.37 0.06 -0.03	36.67 -0.07 -0.04	32.20 -0.13 0.00	30.25 -0.12 0.00	36.04 -0.03 0.00	38.67 0.10 0.00	41.95 0.36 0.00	42.09 0.44 0.00	44.72 0.54 0.00	43.30 0.71 0.00	55.86 1.10 -0.10	58.09 1.07 -1.39	76.92 1.25 -4.58	57.88 0.69 -4.35	49.71 0.58 -3.77	38.13 0.36 -0.02	34.02 0.39 0.00	31.25 0.29 0.00	29.26 0.37 0.00	45.26 0.54 -0.10	36.72 0.43 0.00	29.40 0.31 0.00	28.17 0.20 0.00
TRIGEN___CC 323695	46.38 2.96 0.00	42.03 2.76 0.00	39.13 2.43 0.00	34.42 2.09 0.00	32.27 1.90 0.00	38.20 2.13 0.00	40.88 2.32 0.00	44.72 3.13 0.00	45.18 3.53 0.00	48.18 4.00 0.00	50.87 4.48 -3.80	76.52 5.70 -16.16	80.81 6.11 -19.07	182.25 7.61 -103.54	131.74 5.89 -73.00	134.76 5.17 -84.23	244.75 4.26 -202.74	137.71 3.58 -100.49	106.12 3.00 -72.15	52.51 2.51 -21.12	47.92 3.29 0.00	38.87 2.58 0.00	31.10 2.01 0.00	29.81 1.85 0.00

TRINITY__115KV__4 BK 55933	44.46 1.04 0.00	40.21 0.93 0.00	37.49 0.79 0.00	33.10 0.76 0.00	31.07 0.69 0.00	36.78 0.71 0.00	39.25 0.69 0.00	42.47 0.88 0.00	42.57 0.92 0.00	45.33 1.15 0.00	43.75 1.16 0.00	55.96 1.30 0.00	57.20 1.57 0.00	73.04 1.95 0.00	54.55 1.70 0.00	47.62 1.50 -0.75	43.53 1.22 -4.56	34.67 1.04 0.00	31.80 0.83 0.00	29.57 0.68 0.00	45.72 1.09 0.00	37.15 0.87 0.00	29.81 0.72 0.00	28.65 0.69 0.00
UNION__PROCESSING_DRP 323587	44.77 1.35 0.00	39.49 0.21 0.00	36.52 -0.17 0.00	31.97 -0.36 0.00	30.09 -0.28 0.00	36.05 -0.02 0.00	38.94 0.37 0.00	42.46 0.87 0.00	42.80 1.15 0.00	45.45 1.27 0.00	43.99 1.40 0.00	56.82 2.16 0.00	57.09 1.46 0.00	72.22 1.12 0.00	52.69 -0.16 0.00	44.98 -0.38 0.00	37.22 -0.53 0.00	33.43 -0.20 0.00	30.92 -0.04 0.00	29.46 0.58 0.00	45.68 1.06 0.00	37.31 1.03 0.00	29.95 0.86 0.00	28.65 0.69 0.00
UPPER HUDSON__HYD 24058	46.64 3.22 0.00	41.81 2.53 0.00	38.90 2.21 0.00	34.39 2.05 0.00	32.26 1.89 0.00	38.34 2.27 0.00	41.00 2.43 0.00	44.45 2.86 0.00	44.54 2.89 0.00	47.39 3.21 0.00	45.50 2.91 0.00	58.50 3.84 0.00	59.66 4.03 0.00	76.38 5.29 0.00	56.87 4.03 0.00	49.63 3.56 -0.70	45.13 3.08 -4.29	36.53 2.89 0.00	33.70 2.74 0.00	31.41 2.52 0.00	48.77 4.14 0.00	39.68 3.39 0.00	31.64 2.55 0.00	30.23 2.27 0.00
UPPER RAQUET__HYD 24056	42.60 -0.84 -0.02	38.57 -0.72 -0.01	35.88 -0.83 -0.01	31.63 -0.71 0.00	29.70 -0.67 0.00	35.18 -0.89 0.00	37.69 -0.87 0.00	40.37 -1.22 0.00	39.95 -1.70 0.00	41.88 -2.30 0.00	39.95 -2.64 0.00	51.18 -3.50 -0.03	51.09 -3.69 0.85	57.83 -4.14 9.13	8.63 -3.10 41.12	-0.32 -2.65 43.03	35.79 -1.96 0.00	31.97 -1.67 0.00	29.59 -1.37 0.00	27.72 -1.16 0.00	42.74 -1.90 -0.03	34.84 -1.44 0.00	28.13 -0.96 0.00	27.09 -0.87 0.00
VALLEY44_115KV_TB2 355964	44.85 1.43 0.00	39.39 0.11 0.00	36.53 -0.17 0.00	31.94 -0.39 0.00	30.05 -0.32 0.00	36.17 0.10 0.00	39.14 0.58 0.00	42.94 1.34 0.00	43.23 1.58 0.00	45.58 1.39 0.00	44.12 1.53 0.00	56.90 2.24 0.00	57.01 1.38 0.00	72.18 1.08 0.00	52.25 -0.59 0.00	44.56 -0.80 0.00	36.64 -1.11 0.00	33.07 -0.56 0.00	30.55 -0.42 0.00	29.28 0.39 0.00	45.38 0.75 0.00	36.91 0.63 0.00	29.77 0.68 0.00	28.60 0.64 0.00
VALLEY__115KV_TB 1-4 80826	44.54 1.12 0.00	40.20 0.93 0.00	37.47 0.78 0.00	33.03 0.69 0.00	30.98 0.60 0.00	36.79 0.72 0.00	39.29 0.72 0.00	42.42 0.83 0.00	42.44 0.79 0.00	45.21 1.03 0.00	43.50 0.91 0.00	55.67 1.00 0.00	57.02 1.31 -0.07	73.30 1.60 -0.61	56.84 1.48 -2.52	49.62 1.64 -2.63	39.08 1.33 0.00	34.81 1.17 0.00	32.03 1.07 0.00	29.83 0.94 0.00	46.13 1.50 0.00	37.40 1.12 0.00	29.97 0.87 0.00	28.67 0.71 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.77 2.32 -0.02	41.24 1.96 -0.01	38.44 1.73 -0.01	33.78 1.45 0.00	31.72 1.35 0.00	37.71 1.64 0.00	40.44 1.87 0.00	43.82 2.23 0.00	43.96 2.31 0.00	46.76 2.58 0.00	45.25 2.66 0.00	58.18 3.49 -0.03	59.57 3.60 -0.34	76.55 4.45 -1.00	56.58 3.37 -0.36	48.51 2.97 -0.18	40.08 2.33 0.00	35.78 2.14 0.00	32.88 1.91 0.00	30.68 1.79 0.00	47.33 2.68 -0.03	38.41 2.13 0.00	30.77 1.68 0.00	29.47 1.50 0.00
VISCHER__FERRY HYD 24020	45.41 1.99 0.00	40.99 1.72 0.00	38.19 1.49 0.00	33.73 1.39 0.00	31.65 1.28 0.00	37.53 1.46 0.00	40.03 1.46 0.00	43.29 1.69 0.00	43.36 1.71 0.00	46.17 1.98 0.00	44.54 1.95 0.00	57.06 2.40 0.00	58.39 2.77 0.00	74.60 3.51 0.00	55.64 2.79 0.00	48.60 2.47 -0.77	44.51 2.10 -4.66	35.49 1.85 0.00	32.58 1.61 0.00	30.30 1.41 0.00	46.92 2.29 0.00	38.14 1.85 0.00	30.54 1.45 0.00	29.29 1.32 0.00
V_A_10_SYNC_DSASP 323832	44.19 0.77 0.00	38.72 -0.56 0.00	35.75 -0.95 0.00	31.25 -1.09 0.00	29.44 -0.93 0.00	35.37 -0.70 0.00	38.31 -0.25 0.00	41.81 0.22 0.00	42.13 0.48 0.00	44.54 0.36 0.00	43.07 0.48 0.00	55.72 1.06 0.00	55.74 0.11 0.00	70.24 -0.86 0.00	50.94 -1.90 0.00	43.34 -2.03 0.00	35.84 -1.91 0.00	32.29 -1.35 0.00	29.95 -1.02 0.00	28.79 -0.10 0.00	44.72 0.09 0.00	36.65 0.36 0.00	29.50 0.41 0.00	28.27 0.31 0.00
V_CMM_10_SYNC_DSASP 323787	42.46 -0.96 0.00	38.57 -0.71 0.00	36.18 -0.52 0.00	31.93 -0.40 0.00	30.03 -0.34 0.00	35.62 -0.45 0.00	38.06 -0.50 0.00	40.78 -0.81 0.00	40.67 -0.97 0.00	42.81 -1.38 0.00	40.86 -1.73 0.00	52.46 -2.21 0.00	52.82 -2.46 0.36	65.29 -2.75 3.06	38.00 -2.30 12.55	30.21 -2.08 13.07	36.23 -1.52 0.00	32.28 -1.35 0.00	29.87 -1.09 0.00	27.88 -1.00 0.00	43.35 -1.27 0.00	35.24 -1.04 0.00	28.28 -0.81 0.00	27.29 -0.67 0.00
V_CMP_10_SYNC_DSASP 323788	43.21 -0.21 0.00	39.25 -0.03 0.00	36.83 0.13 0.00	32.69 0.35 0.00	30.69 0.31 0.00	36.41 0.34 0.00	38.92 0.36 0.00	41.94 0.35 0.00	42.01 0.36 0.00	44.19 0.01 0.00	41.49 -1.10 0.00	52.55 -2.12 0.00	52.83 -2.45 0.35	65.33 -2.75 3.01	38.45 -2.05 12.34	30.57 -1.94 12.86	36.30 -1.45 0.00	32.38 -1.25 0.00	29.86 -1.11 0.00	28.13 -0.76 0.00	43.55 -1.08 0.00	35.68 -0.60 0.00	29.07 -0.02 0.00	28.14 0.18 0.00
V_D_10_SYNC_DSASP 323841	42.77 -0.65 0.00	38.82 -0.46 0.00	36.36 -0.33 0.00	32.10 -0.24 0.00	30.18 -0.20 0.00	35.79 -0.28 0.00	38.26 -0.30 0.00	40.99 -0.60 0.00	40.70 -0.95 0.00	42.68 -1.50 0.00	40.72 -1.87 0.00	52.28 -2.39 0.00	52.49 -2.65 0.49	63.94 -2.97 4.18	33.44 -2.25 17.16	25.46 -2.02 17.88	36.30 -1.45 0.00	32.35 -1.28 0.00	29.94 -1.02 0.00	28.00 -0.88 0.00	43.32 -1.31 0.00	35.21 -1.07 0.00	28.28 -0.81 0.00	27.28 -0.68 0.00
V_E_10_SYNC_DSASP 323830	48.06 4.59 -0.05	42.81 3.51 -0.02	39.88 3.16 -0.02	34.97 2.63 0.00	32.84 2.47 0.00	39.30 3.23 0.00	42.27 3.70 0.00	45.96 4.36 0.00	46.13 4.48 0.00	48.85 4.66 0.00	46.76 4.17 0.00	60.53 5.81 -0.06	62.57 6.15 -0.79	81.68 8.24 -2.34	59.52 5.84 -0.84	51.07 5.29 -0.42	41.49 3.73 -0.01	37.55 3.91 0.00	34.38 3.41 0.00	32.25 3.37 0.00	49.99 5.31 -0.06	40.24 3.96 0.00	32.16 3.07 0.00	30.75 2.79 0.00
V_F_30_NSYNC__DSASP 323816	46.56 3.14 0.00	41.84 2.56 0.00	38.95 2.26 0.00	34.38 2.05 0.00	32.26 1.89 0.00	38.35 2.28 0.00	40.95 2.39 0.00	44.33 2.73 0.00	44.40 2.75 0.00	47.28 3.09 0.00	45.57 2.98 0.00	58.51 3.85 0.00	59.77 4.15 0.00	76.41 5.31 0.00	56.96 4.12 0.00	49.70 3.61 -0.72	45.23 3.08 -4.40	36.43 2.80 0.00	33.50 2.54 0.00	31.20 2.31 0.00	48.36 3.74 0.00	39.30 3.01 0.00	31.40 2.31 0.00	30.06 2.10 0.00
V_F_30_SYNC_DSASP 323786	44.70 1.28 0.00	40.41 1.13 0.00	37.67 0.97 0.00	33.25 0.92 0.00	31.21 0.83 0.00	36.96 0.89 0.00	39.46 0.90 0.00	42.71 1.12 0.00	42.83 1.18 0.00	45.62 1.44 0.00	44.04 1.45 0.00	56.35 1.69 0.00	57.61 1.98 0.00	73.56 2.46 0.00	54.93 2.09 0.00	47.94 1.84 -0.74	43.73 1.49 -4.49	34.91 1.27 0.00	32.00 1.03 0.00	29.75 0.87 0.00	46.00 1.37 0.00	37.39 1.11 0.00	29.99 0.90 0.00	28.81 0.85 0.00

V_XM10_SYNC_DSASP 323789	43.21 -0.21 0.00	39.25 -0.03 0.00	36.83 0.13 0.00	32.69 0.35 0.00	30.69 0.31 0.00	36.41 0.34 0.00	38.92 0.36 0.00	41.94 0.35 0.00	42.01 0.36 0.00	44.19 0.01 0.00	41.49 -1.10 0.00	52.55 -2.12 0.00	52.83 -2.45 0.35	65.33 -2.75 3.01	38.45 -2.05 12.34	30.57 -1.94 12.86	36.30 -1.45 0.00	32.38 -1.25 0.00	29.86 -1.11 0.00	28.13 -0.76 0.00	43.55 -1.08 0.00	35.68 -0.60 0.00	29.07 -0.02 0.00	28.14 0.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.00 2.58 0.00	41.50 2.22 0.00	38.44 1.75 0.00	33.86 1.52 0.00	31.77 1.40 0.00	37.60 1.53 0.00	40.22 1.65 0.00	43.96 2.37 0.00	44.48 2.83 0.00	47.59 3.40 0.00	46.31 3.71 0.00	59.43 4.77 0.00	60.77 5.14 0.00	77.46 6.37 0.00	57.82 4.98 0.00	42.89 4.28 6.74	0.10 3.40 41.05	-32.68 2.89 69.20	-1.06 2.43 34.46	9.67 2.04 21.26	47.58 2.95 0.00	38.63 2.35 0.00	30.95 1.86 0.00	29.67 1.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.44 3.02 0.00	41.93 2.65 0.00	38.90 2.20 0.00	34.26 1.92 0.00	32.13 1.76 0.00	38.07 2.00 0.00	40.73 2.17 0.00	44.57 2.97 0.00	45.11 3.47 0.00	48.22 4.04 0.00	46.92 4.33 0.00	60.09 5.42 0.00	61.42 5.79 0.00	78.24 7.14 0.00	58.49 5.65 0.00	54.83 4.94 -4.52	69.27 3.99 -27.53	83.43 3.34 -46.46	56.75 2.65 -23.13	45.41 2.25 -14.27	47.91 3.29 0.00	38.93 2.65 0.00	31.26 2.17 0.00	30.02 2.05 0.00
W50THST__13_KV_LOAD 356117	46.81 3.39 0.00	42.25 2.98 0.00	39.19 2.49 0.00	34.51 2.17 0.00	32.37 2.00 0.00	38.38 2.31 0.00	41.10 2.54 0.00	45.00 3.41 0.00	45.61 3.96 0.00	48.76 4.57 0.00	47.43 4.83 0.00	60.63 5.97 0.00	61.97 6.34 0.00	78.89 7.79 0.00	59.00 6.15 0.00	55.25 5.37 -4.52	69.63 4.35 -27.53	83.78 3.68 -46.46	56.98 2.89 -23.13	45.61 2.46 -14.27	48.22 3.59 0.00	39.16 2.88 0.00	31.45 2.36 0.00	30.23 2.26 0.00
WADING RIVER_IC_1 23522	45.86 2.44 0.00	41.56 2.28 0.00	38.89 2.19 0.00	34.26 1.92 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.78 2.21 0.00	44.63 3.04 0.00	45.07 3.42 0.00	48.23 4.04 0.00	51.15 4.75 -3.80	210.61 6.15 -149.80	233.52 6.47 -171.43	236.60 7.77 -157.73	203.12 5.80 -144.48	222.62 5.25 -172.01	260.71 4.45 -218.51	255.44 3.84 -217.97	271.34 3.27 -237.11	189.80 2.69 -158.22	56.25 3.28 -8.34	38.93 2.65 0.00	31.03 1.94 0.00	29.46 1.50 0.00
WADING RIVER_IC_2 23547	45.86 2.44 0.00	41.56 2.28 0.00	38.89 2.19 0.00	34.26 1.92 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.78 2.21 0.00	44.63 3.04 0.00	45.07 3.42 0.00	48.23 4.04 0.00	51.15 4.75 -3.80	210.61 6.15 -149.80	233.52 6.47 -171.43	236.60 7.77 -157.73	203.12 5.80 -144.48	222.62 5.25 -172.01	260.71 4.45 -218.51	255.44 3.84 -217.97	271.34 3.27 -237.11	189.80 2.69 -158.22	56.25 3.28 -8.34	38.93 2.65 0.00	31.03 1.94 0.00	29.46 1.50 0.00
WADING RIVER_IC_3 23601	45.86 2.44 0.00	41.56 2.28 0.00	38.89 2.19 0.00	34.26 1.92 0.00	32.14 1.76 0.00	38.05 1.98 0.00	40.78 2.21 0.00	44.63 3.04 0.00	45.07 3.42 0.00	48.23 4.04 0.00	51.15 4.75 -3.80	210.61 6.15 -149.80	233.52 6.47 -171.43	236.60 7.77 -157.73	203.12 5.80 -144.48	222.62 5.25 -172.01	260.71 4.45 -218.51	255.44 3.84 -217.97	271.34 3.27 -237.11	189.80 2.69 -158.22	56.25 3.28 -8.34	38.93 2.65 0.00	31.03 1.94 0.00	29.46 1.50 0.00
WALDENNY_12_KV_BK2 80841	45.33 1.91 0.00	39.47 0.19 0.00	36.39 -0.31 0.00	31.74 -0.60 0.00	29.91 -0.46 0.00	36.05 -0.02 0.00	39.15 0.58 0.00	42.83 1.23 0.00	43.20 1.55 0.00	45.66 1.47 0.00	44.19 1.60 0.00	57.28 2.62 0.00	57.23 1.61 0.00	72.00 0.91 0.00	52.05 -0.79 0.00	44.27 -1.09 0.00	36.44 -1.31 0.00	32.88 -0.76 0.00	30.52 -0.45 0.00	29.48 0.59 0.00	45.86 1.24 0.00	37.54 1.26 0.00	30.20 1.11 0.00	28.89 0.93 0.00
WALDEN__HYDRO 24148	45.99 2.57 0.00	41.47 2.20 0.00	38.48 1.79 0.00	33.88 1.54 0.00	31.77 1.40 0.00	37.64 1.57 0.00	40.28 1.72 0.00	43.96 2.36 0.00	44.40 2.75 0.00	47.46 3.28 0.00	46.16 3.56 0.00	59.23 4.56 0.00	60.46 4.83 0.00	77.01 5.92 0.00	57.55 4.70 0.00	48.22 4.21 1.35	32.88 3.35 8.22	21.21 2.85 15.28	25.77 2.42 7.61	26.23 2.04 4.69	47.59 2.96 0.00	38.66 2.38 0.00	30.95 1.86 0.00	29.65 1.68 0.00
WARRENSBURG____ 23737	46.64 3.22 0.00	41.81 2.53 0.00	38.90 2.21 0.00	34.39 2.05 0.00	32.26 1.89 0.00	38.34 2.27 0.00	41.00 2.43 0.00	44.45 2.86 0.00	44.54 2.89 0.00	47.39 3.21 0.00	45.50 2.91 0.00	58.50 3.84 0.00	59.66 4.03 0.00	76.38 5.29 0.00	56.87 4.03 0.00	49.63 3.56 -0.70	45.13 3.08 -4.29	36.53 2.89 0.00	33.70 2.74 0.00	31.41 2.52 0.00	48.77 4.14 0.00	39.68 3.39 0.00	31.64 2.55 0.00	30.23 2.27 0.00
WATERSIDE____6 8 9 23538	45.15 3.02 1.29	41.28 2.68 0.67	38.92 2.22 0.00	34.25 1.91 0.00	32.14 1.76 0.00	38.06 1.99 0.00	40.72 2.16 0.00	44.56 2.96 0.00	45.10 3.45 0.00	48.18 4.01 0.01	30.15 4.34 16.78	55.58 5.47 4.55	45.94 5.78 15.47	72.84 6.88 5.14	54.83 5.46 3.48	50.55 4.83 -0.36	65.91 3.91 -24.25	80.75 3.14 -43.97	60.55 2.45 -27.14	48.05 2.08 -17.08	52.22 3.02 -4.57	41.13 2.46 -2.39	31.16 2.07 0.00	29.97 2.01 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.21 0.78 0.00	39.92 0.64 0.00	37.23 0.53 0.00	32.81 0.48 0.00	30.79 0.41 0.00	36.55 0.48 0.00	39.04 0.48 0.00	42.17 0.58 0.00	42.19 0.54 0.00	44.92 0.74 0.00	43.26 0.66 0.00	55.39 0.73 0.00	56.63 0.93 -0.07	72.84 1.13 -0.61	56.40 1.04 -2.52	49.16 1.17 -2.63	38.73 0.98 0.00	34.55 0.91 0.00	31.76 0.79 0.00	29.57 0.68 0.00	45.68 1.06 0.00	37.11 0.82 0.00	29.72 0.63 0.00	28.49 0.52 0.00
WATSON__69_KV_BK 1 55734	47.11 3.68 0.00	42.68 3.40 0.00	39.85 3.15 0.00	35.02 2.69 0.00	32.83 2.45 0.00	38.85 2.78 0.00	41.64 3.08 0.00	45.61 4.01 0.00	46.11 4.46 0.00	49.35 5.16 0.00	52.14 5.75 -3.80	149.69 7.30 -87.72	164.01 7.72 -100.66	186.76 9.62 -106.05	159.91 7.33 -99.73	169.85 6.35 -118.13	252.28 5.29 -209.24	192.31 4.55 -154.12	195.23 3.91 -160.36	124.98 3.32 -92.78	53.68 4.30 -4.75	39.65 3.37 0.00	31.74 2.65 0.00	30.30 2.34 0.00
WDELAWARE__HYD 323627	44.87 1.45 0.00	40.42 1.14 0.00	37.51 0.81 0.00	33.01 0.67 0.00	30.94 0.57 0.00	36.67 0.60 0.00	39.27 0.71 0.00	42.86 1.27 0.00	43.27 1.62 0.00	46.34 2.15 0.00	45.10 2.51 0.00	57.87 3.21 0.00	58.88 3.25 0.00	73.22 2.12 0.00	54.90 2.05 0.00	42.19 2.10 5.28	32.30 1.64 7.08	24.23 1.29 10.70	26.66 1.02 5.33	26.33 0.73 3.29	45.73 1.11 0.00	37.92 1.63 0.00	30.28 1.19 0.00	28.95 0.98 0.00
WEST BABYLON__IC 23714	46.92 3.50 0.00	42.52 3.24 0.00	39.69 2.99 0.00	34.88 2.54 0.00	32.69 2.31 0.00	38.67 2.60 0.00	41.44 2.88 0.00	45.39 3.79 0.00	45.88 4.23 0.00	49.04 4.85 0.00	51.78 5.39 -3.80	93.56 6.88 -32.02	100.07 7.29 -37.14	143.63 9.08 -63.46	107.26 7.00 -47.41	117.64 6.08 -66.20	241.72 5.10 -198.87	142.59 4.34 -104.62	117.63 3.70 -82.97	65.08 3.11 -33.08	48.67 4.05 0.00	39.47 3.19 0.00	31.61 2.52 0.00	30.20 2.24 0.00

WEST CANADA___HYD 24049	43.79 0.37 0.00	39.57 0.29 0.00	36.94 0.24 0.00	32.53 0.20 0.00	30.56 0.18 0.00	36.29 0.22 0.00	38.80 0.23 0.00	41.91 0.31 0.00	41.98 0.33 0.00	44.62 0.43 0.00	43.06 0.47 0.00	55.22 0.55 0.00	56.34 0.64 -0.07	72.47 0.76 -0.61	55.99 0.62 -2.52	48.56 0.58 -2.63	38.20 0.45 0.00	34.04 0.40 0.00	31.30 0.33 0.00	29.17 0.29 0.00	45.04 0.42 0.00	36.64 0.36 0.00	29.38 0.29 0.00	28.20 0.24 0.00
WESTERN_NY_WIND 24143	46.00 2.58 0.00	40.14 0.87 0.00	36.98 0.29 0.00	32.26 -0.08 0.00	30.39 0.01 0.00	36.57 0.50 0.00	39.70 1.14 0.00	43.49 1.89 0.00	43.85 2.20 0.00	46.50 2.31 0.00	45.00 2.41 0.00	58.27 3.61 0.00	58.17 2.54 0.00	73.31 2.22 0.00	53.00 0.15 0.00	45.03 -0.34 0.00	37.21 -0.54 0.00	33.57 -0.07 0.00	31.13 0.16 0.00	29.98 1.10 0.00	46.62 2.00 0.00	38.17 1.88 0.00	30.65 1.56 0.00	29.29 1.33 0.00
WESTOVER___LESR 323668	44.69 1.22 -0.05	39.88 0.58 -0.02	37.19 0.47 -0.02	32.63 0.29 0.00	30.64 0.27 0.00	36.57 0.50 0.00	39.32 0.75 0.00	42.76 1.16 0.00	42.90 1.25 0.00	45.49 1.30 0.00	44.08 1.49 0.00	56.86 2.14 -0.06	58.44 2.07 -0.75	75.80 2.49 -2.21	55.11 1.47 -0.79	47.04 1.28 -0.40	38.44 0.68 -0.01	34.42 0.79 0.00	31.66 0.69 0.00	29.73 0.84 0.00	45.92 1.25 -0.06	37.26 0.97 0.00	29.90 0.81 0.00	28.60 0.63 0.00
WETHRSFD_WT_PWR 323626	44.95 1.53 0.00	39.36 0.08 0.00	36.42 -0.28 0.00	31.80 -0.54 0.00	29.94 -0.43 0.00	36.02 -0.05 0.00	38.96 0.40 0.00	42.63 1.04 0.00	42.94 1.29 0.00	45.43 1.25 0.00	44.05 1.46 0.00	56.91 2.25 0.00	56.98 1.35 0.00	71.94 0.84 0.00	52.21 -0.64 0.00	44.55 -0.81 0.00	36.69 -1.06 0.00	33.06 -0.57 0.00	30.60 -0.37 0.00	29.37 0.48 0.00	45.60 0.97 0.00	37.23 0.95 0.00	30.03 0.94 0.00	28.72 0.75 0.00
WHAVSTOR_138KV_BK127 55557	45.76 2.34 0.00	41.31 2.03 0.00	38.27 1.58 0.00	33.69 1.36 0.00	31.62 1.25 0.00	37.41 1.34 0.00	40.01 1.45 0.00	43.71 2.12 0.00	44.21 2.56 0.00	47.28 3.09 0.00	46.00 3.41 0.00	59.01 4.35 0.00	60.36 4.73 0.00	76.90 5.80 0.00	57.39 4.55 0.00	42.45 3.92 6.83	-0.68 3.13 41.56	-33.15 2.64 69.43	-1.39 2.22 34.57	9.39 1.82 21.32	47.27 2.64 0.00	38.38 2.10 0.00	30.77 1.68 0.00	29.50 1.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.76 2.34 0.00	41.31 2.03 0.00	38.27 1.58 0.00	33.69 1.36 0.00	31.62 1.25 0.00	37.41 1.34 0.00	40.01 1.45 0.00	43.71 2.12 0.00	44.21 2.56 0.00	47.28 3.09 0.00	46.00 3.41 0.00	59.01 4.35 0.00	60.36 4.73 0.00	76.90 5.80 0.00	57.39 4.55 0.00	42.45 3.92 6.83	-0.68 3.13 41.56	-33.15 2.64 69.43	-1.39 2.22 34.57	9.39 1.82 21.32	47.27 2.64 0.00	38.38 2.10 0.00	30.77 1.68 0.00	29.50 1.53 0.00
WHITEHAL_115KV_TB1 80871	47.97 4.55 0.00	42.69 3.41 0.00	39.68 2.98 0.00	35.37 3.03 0.00	33.17 2.80 0.00	39.47 3.40 0.00	42.23 3.67 0.00	45.90 4.31 0.00	45.77 4.12 0.00	48.36 4.18 0.00	46.60 4.01 0.00	59.88 5.21 0.00	61.80 6.17 0.00	79.60 8.50 0.00	58.92 6.07 0.00	51.47 5.40 -0.71	46.63 4.56 -4.32	38.09 4.45 0.00	34.80 3.84 0.00	32.46 3.57 0.00	49.99 5.36 0.00	41.04 4.76 0.00	32.72 3.63 0.00	31.16 3.20 0.00
WHITEPLN_13_KV_LOAD 356215	46.78 3.36 0.00	42.18 2.90 0.00	39.11 2.41 0.00	34.43 2.10 0.00	32.28 1.91 0.00	38.27 2.20 0.00	40.97 2.41 0.00	44.83 3.24 0.00	45.35 3.70 0.00	48.51 4.33 0.00	47.24 4.65 0.00	60.65 5.99 0.00	62.06 6.43 0.00	79.10 8.01 0.00	59.05 6.20 0.00	55.60 5.41 -4.83	71.49 4.38 -29.36	88.38 3.71 -51.03	59.46 3.08 -25.41	47.21 2.65 -15.67	48.44 3.82 0.00	39.32 3.03 0.00	31.49 2.40 0.00	30.18 2.21 0.00
WM_FLOYD_69_KV_BK2 356380	46.33 2.91 0.00	41.98 2.70 0.00	39.26 2.57 0.00	34.57 2.23 0.00	32.43 2.05 0.00	38.38 2.31 0.00	41.13 2.57 0.00	45.01 3.42 0.00	45.48 3.83 0.00	48.64 4.45 0.00	51.51 5.12 -3.80	221.22 6.60 -159.96	245.61 6.96 -183.02	249.37 8.56 -169.72	220.23 6.46 -160.92	233.93 5.74 -182.84	263.93 4.74 -221.43	259.67 4.13 -221.90	286.59 3.55 -252.07	198.56 2.97 -166.71	58.15 3.72 -9.80	39.21 2.93 0.00	31.27 2.18 0.00	29.76 1.80 0.00
WOODARD__115KV_TB2 355635	43.61 0.10 -0.09	39.09 -0.22 -0.04	36.41 -0.33 -0.04	31.98 -0.35 0.00	30.04 -0.33 0.00	35.79 -0.29 0.00	38.38 -0.18 0.00	41.62 0.02 0.00	41.75 0.11 0.00	44.37 0.18 0.00	42.95 0.36 0.00	55.37 0.60 -0.11	57.75 0.59 -1.53	76.73 0.60 -5.03	57.81 0.22 -4.74	49.64 0.18 -4.11	37.80 0.04 -0.02	33.73 0.09 0.00	31.00 0.03 0.00	29.02 0.13 0.00	44.89 0.15 -0.11	36.41 0.13 0.00	29.17 0.08 0.00	27.96 -0.01 0.00
YORK___WARBASSE 23770	55.40 3.32 -8.65	46.69 2.90 -4.51	39.12 2.42 -0.01	34.41 2.08 0.00	32.28 1.91 0.00	38.28 2.20 0.00	40.93 2.37 0.00	44.77 3.17 0.00	45.33 3.68 0.00	48.53 4.26 -0.09	159.96 4.64 -112.73	91.10 5.87 -30.56	216.49 6.20 -154.66	126.01 7.38 -47.54	82.02 5.81 -23.36	82.98 5.11 -32.51	91.29 4.12 -49.41	105.34 3.37 -68.33	77.66 2.61 -44.09	60.13 2.25 -29.00	71.77 3.26 -23.88	59.17 2.67 -20.22	31.33 2.24 0.00	30.11 2.14 0.00