

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/05/2023

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	33.30	30.95	28.31	27.19	26.83	28.01	31.86	35.83	38.93	40.75	45.68	46.78	53.73	61.25	68.47	72.45	94.11	101.53	95.21	80.24	64.63	51.33	45.06	39.52
24138	1.68	1.33	1.37	1.20	1.13	1.31	1.49	2.15	2.46	2.74	3.77	3.58	4.07	3.90	4.36	5.11	6.84	6.90	6.89	5.46	3.31	3.27	3.57	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.34	-0.45	-0.02	0.00	0.00	0.00	0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.46	31.19	28.47	27.66	27.32	28.15	31.92	35.90	38.97	40.75	45.38	46.83	53.63	61.13	68.47	72.18	93.85	101.16	94.95	80.02	64.51	51.38	44.97	39.56
24260	1.83	1.57	1.54	1.66	1.62	1.44	1.55	2.21	2.49	2.74	3.48	3.63	3.97	3.78	4.36	4.85	6.58	6.53	6.62	5.23	3.19	3.32	3.49	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.34	-0.45	-0.02	0.00	0.00	0.00	0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.46	31.19	28.47	27.66	27.32	28.15	31.92	35.90	38.97	40.75	45.38	46.83	53.63	61.13	68.47	72.18	93.85	101.16	94.95	80.02	64.51	51.38	44.97	39.56
24261	1.83	1.57	1.54	1.66	1.62	1.44	1.55	2.21	2.49	2.74	3.48	3.63	3.97	3.78	4.36	4.85	6.58	6.53	6.62	5.23	3.19	3.32	3.49	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.34	-0.45	-0.02	0.00	0.00	0.00	0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.40	31.22	28.47	27.53	27.24	28.31	32.11	35.28	37.96	39.56	45.08	46.87	54.03	62.11	69.17	72.38	92.22	102.39	96.18	81.29	67.15	52.58	45.22	40.30
24011	1.77	1.60	1.54	1.53	1.54	1.60	1.73	2.01	2.24	2.55	3.22	3.67	4.37	4.76	5.06	5.05	6.49	7.76	7.86	6.51	5.83	4.52	3.73	2.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.41	0.55	0.03	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.68	31.43	28.66	27.61	27.32	28.50	32.44	35.66	38.43	40.10	45.79	47.47	54.73	63.08	70.13	73.46	93.69	104.09	97.68	82.56	68.31	53.35	45.93	40.83
23798	2.05	1.81	1.73	1.61	1.62	1.79	2.07	2.38	2.71	3.08	3.94	4.28	5.07	5.73	6.02	6.13	7.96	9.46	9.36	7.78	6.99	5.29	4.44	3.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.41	0.54	0.03	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.40	31.22	28.47	27.53	27.24	28.31	32.11	35.28	37.96	39.56	45.08	46.87	54.03	62.11	69.17	72.38	92.22	102.39	96.18	81.29	67.15	52.58	45.22	40.30
24028	1.77	1.60	1.54	1.53	1.54	1.60	1.73	2.01	2.24	2.55	3.22	3.67	4.37	4.76	5.06	5.05	6.49	7.76	7.86	6.51	5.83	4.52	3.73	2.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.41	0.55	0.03	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.61	30.48	27.94	26.88	26.54	27.53	31.22	34.15	36.59	37.91	43.96	45.44	51.95	59.47	66.86	70.50	88.57	98.89	92.91	78.45	64.39	50.61	43.81	38.99
23527	0.98	0.86	1.00	0.88	0.85	0.83	0.85	1.10	1.30	1.46	2.13	2.24	2.29	2.12	2.75	3.17	3.72	4.26	4.59	3.66	3.06	2.55	2.32	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.84	1.11	0.06	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.79	29.74	27.23	26.36	26.03	26.89	30.40	33.51	36.07	37.46	42.61	43.89	50.26	57.58	64.69	67.94	86.54	95.29	89.38	75.68	62.12	49.02	42.44	37.87
24190	0.16	0.12	0.30	0.36	0.33	0.19	0.03	0.20	0.29	0.38	0.75	0.69	0.60	0.23	0.58	0.61	0.69	0.66	1.06	0.90	0.80	0.96	0.95	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.35	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.12	29.20	26.48	25.55	25.26	26.25	29.83	32.83	35.37	36.62	40.42	41.21	47.38	55.40	61.74	64.64	83.46	91.32	84.79	72.17	58.69	46.00	39.83	36.53
355683	-0.51	-0.41	-0.46	-0.44	-0.44	-0.45	-0.55	-0.67	-0.76	-0.94	-1.47	-1.99	-2.28	-1.95	-2.37	-2.69	-3.12	-3.31	-3.53	-2.62	-2.64	-2.07	-1.66	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.79	29.74	27.23	26.36	26.03	26.89	30.40	33.51	36.07	37.46	42.61	43.89	50.26	57.58	64.69	67.94	86.54	95.29	89.38	75.68	62.12	49.02	42.44	37.87
23571	0.16	0.12	0.30	0.36	0.33	0.19	0.03	0.20	0.29	0.38	0.75	0.69	0.60	0.23	0.58	0.61	0.69	0.66	1.06	0.90	0.80	0.96	0.95	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.35	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	31.79	29.74	27.23	26.36	26.03	26.89	30.40	33.51	36.07	37.46	42.61	43.89	50.26	57.58	64.69	67.94	86.54	95.29	89.38	75.68	62.12	49.02	42.44	37.87
23572	0.16	0.12	0.30	0.36	0.33	0.19	0.03	0.20	0.29	0.38	0.75	0.69	0.60	0.23	0.58	0.61	0.69	0.66	1.06	0.90	0.80	0.96	0.95	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.35	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	31.79	29.74	27.23	26.36	26.03	26.89	30.40	33.51	36.07	37.46	42.61	43.89	50.26	57.58	64.69	67.94	86.54	95.29	89.38	75.68	62.12	49.02	42.44	37.87
23573	0.16	0.12	0.30	0.36	0.33	0.19	0.03	0.20	0.29	0.38	0.75	0.69	0.60	0.23	0.58	0.61	0.69	0.66	1.06	0.90	0.80	0.96	0.95	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.35	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	31.79 0.16 0.00	29.74 0.12 0.00	27.23 0.30 0.00	26.36 0.36 0.00	26.03 0.33 0.00	26.89 0.19 0.00	30.40 0.03 0.00	33.51 0.20 0.19	36.07 0.29 0.35	37.46 0.38 0.47	42.61 0.75 0.02	43.89 0.69 0.00	50.26 0.60 0.00	57.58 0.23 0.00	64.69 0.58 0.00	67.94 0.61 0.00	86.54 0.69 0.72	95.29 0.66 0.00	89.38 1.06 0.00	75.68 0.90 0.00	62.12 0.80 0.00	49.02 0.96 0.00	42.44 0.95 0.00	37.87 0.45 0.00
ALBANY___LFGE 323615	32.04 0.41 0.00	29.95 0.33 0.00	27.42 0.49 0.00	26.41 0.41 0.00	26.08 0.39 0.00	27.08 0.37 0.00	30.71 0.33 0.00	33.83 0.53 0.21	36.44 0.68 0.38	37.88 0.83 0.50	43.20 1.34 0.03	44.45 1.25 0.00	50.95 1.29 0.00	58.38 1.03 0.00	65.59 1.48 0.00	68.95 1.61 0.00	87.78 1.99 0.78	96.81 2.18 0.00	90.79 2.47 0.00	76.80 2.02 0.00	63.10 1.78 0.00	49.70 1.64 0.00	43.02 1.54 0.00	38.32 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	31.25 -0.38 0.00	29.35 -0.27 0.00	26.56 -0.38 0.00	25.63 -0.36 0.00	25.31 -0.39 0.00	26.31 -0.40 0.00	29.89 -0.49 0.00	32.93 -0.57 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	40.54 -1.34 0.00	40.91 -2.29 0.00	47.03 -2.63 0.00	55.57 -1.78 0.00	61.93 -2.18 0.00	64.78 -2.56 0.00	83.54 -3.03 0.00	91.41 -3.22 0.00	84.96 -3.36 0.00	72.31 -2.47 0.00	58.50 -2.82 0.00	45.71 -2.36 0.00	39.79 -1.70 0.00	36.64 -0.79 0.00
ALCOA_RYNLDS___DRP 24188	31.25 -0.38 0.00	29.35 -0.27 0.00	26.56 -0.38 0.00	25.63 -0.36 0.00	25.31 -0.39 0.00	26.31 -0.40 0.00	29.89 -0.49 0.00	32.93 -0.57 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	40.54 -1.34 0.00	40.91 -2.29 0.00	47.03 -2.63 0.00	55.57 -1.78 0.00	61.93 -2.18 0.00	64.78 -2.56 0.00	83.54 -3.03 0.00	91.41 -3.22 0.00	84.96 -3.36 0.00	72.31 -2.47 0.00	58.50 -2.82 0.00	45.71 -2.36 0.00	39.79 -1.70 0.00	36.64 -0.79 0.00
ALCOA___DSASP 323711	31.19 -0.44 0.00	29.35 -0.27 0.00	26.56 -0.38 0.00	25.60 -0.39 0.00	25.29 -0.41 0.00	26.31 -0.40 0.00	29.92 -0.45 0.00	32.90 -0.60 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	39.96 -1.93 0.00	40.86 -2.33 0.00	47.08 -2.58 0.00	55.68 -1.66 0.00	61.93 -2.18 0.00	64.78 -2.56 0.00	83.54 -3.03 0.00	91.51 -3.12 0.00	84.96 -3.36 0.00	72.32 -2.47 0.00	58.50 -2.82 0.00	45.71 -2.35 0.00	39.25 -2.24 0.00	36.56 -0.86 0.00
ALLEGHENY___COGEN 23514	33.91 2.28 0.00	31.66 2.04 0.00	28.12 1.18 0.00	27.45 1.45 0.00	27.24 1.54 0.00	28.31 1.60 0.00	32.68 2.31 0.00	35.14 1.64 0.00	37.65 1.52 0.00	39.28 1.73 0.00	44.31 2.43 0.00	46.26 3.07 0.00	53.43 3.77 0.00	59.01 1.66 0.00	66.61 2.50 0.00	70.43 3.10 0.00	88.39 1.82 0.00	97.27 2.65 0.00	91.33 3.00 0.00	77.40 2.62 0.00	64.82 3.49 0.00	52.20 4.13 0.00	44.35 2.86 0.00	39.78 2.36 0.00
ALTAMONT_115KV_TB 2 55880	32.23 0.60 0.00	30.18 0.56 0.00	27.61 0.67 0.00	26.72 0.73 0.00	26.39 0.69 0.00	27.29 0.59 0.00	30.86 0.49 0.00	34.07 0.70 0.14	36.68 0.79 0.25	38.13 0.90 0.33	43.16 1.30 0.02	44.54 1.34 0.00	51.00 1.34 0.00	58.44 1.09 0.00	65.65 1.54 0.00	68.88 1.55 0.00	88.05 1.99 0.51	96.71 2.08 0.00	90.71 2.38 0.00	76.73 1.94 0.00	62.98 1.66 0.00	49.65 1.59 0.00	43.02 1.54 0.00	38.36 0.94 0.00
ALTONA_WT_PWR 323606	31.03 -0.60 0.00	29.50 -0.12 0.00	26.70 -0.24 0.00	25.73 -0.26 0.00	25.44 -0.26 0.00	26.52 -0.19 0.00	30.19 -0.18 0.00	32.73 -0.77 0.00	35.23 -0.90 0.00	36.46 -1.09 0.00	40.08 -1.80 0.00	41.12 -2.07 0.00	47.33 -2.33 0.00	55.28 -2.06 0.00	61.61 -2.50 0.00	64.44 -2.89 0.00	82.94 -3.63 0.00	90.84 -3.79 0.00	84.35 -3.97 0.00	72.02 -2.77 0.00	58.63 -2.70 0.00	45.95 -2.11 0.00	39.37 -2.11 0.00	36.26 -1.16 0.00
AMERICAN_REF_FUEL 24010	31.34 -0.29 0.00	29.32 -0.30 0.00	25.97 -0.97 0.00	25.55 -0.44 0.00	25.39 -0.31 0.00	26.12 -0.59 0.00	29.86 -0.52 0.00	32.56 -0.94 0.00	35.01 -1.12 0.00	36.62 -0.94 0.00	41.30 -0.59 0.00	43.41 0.22 0.00	49.91 0.25 0.00	58.04 0.69 0.00	65.20 1.09 0.00	68.48 1.14 0.00	85.54 -1.03 0.00	93.68 -0.95 0.00	87.35 -0.97 0.00	73.96 -0.82 0.00	61.81 0.49 0.00	47.39 -0.67 0.00	40.70 -0.79 0.00	36.94 -0.49 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.55 0.92 0.00	30.65 1.04 0.00	27.07 0.14 0.00	26.49 0.49 0.00	26.34 0.64 0.00	27.37 0.67 0.00	31.53 1.15 0.00	34.57 1.07 0.00	37.29 1.16 0.00	39.06 1.50 0.00	44.35 2.47 0.00	46.61 3.41 0.00	53.78 4.12 0.00	62.62 5.27 0.00	70.33 6.22 0.00	73.94 6.60 0.00	92.46 5.89 0.00	101.35 6.72 0.00	94.41 6.09 0.00	79.64 4.86 0.00	66.35 5.03 0.00	50.66 2.59 0.00	43.23 1.74 0.00	39.03 1.61 0.00
ARTHUR_KILL_GT_1 23520	33.50 1.87 -0.01	31.17 1.54 -0.01	28.47 1.53 0.00	27.33 1.32 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	32.01 1.64 0.00	35.63 1.94 -0.19	36.09 2.20 2.25	38.74 2.56 1.37	39.43 3.31 5.76	38.82 2.85 7.23	41.22 3.08 11.52	41.72 2.81 18.43	41.72 3.14 25.53	41.79 3.90 29.45	61.94 5.46 30.09	65.36 5.30 34.56	57.05 5.48 36.75	44.03 4.34 35.09	43.43 2.39 20.28	39.51 2.64 11.20	40.90 3.28 3.87	39.21 1.80 0.01
ARTHUR_KILL_2 23512	33.41 1.77 -0.01	31.05 1.42 -0.01	28.36 1.43 0.00	27.22 1.22 -0.01	26.84 1.13 -0.01	28.01 1.31 0.00	31.89 1.52 0.00	35.49 1.81 -0.19	35.94 2.06 2.25	38.59 2.41 1.37	39.27 3.14 5.76	38.64 2.68 7.23	41.02 2.88 11.52	41.50 2.58 18.43	41.47 2.89 25.53	41.45 3.57 29.45	61.50 5.02 30.09	64.89 4.82 34.56	56.60 5.03 36.75	43.65 3.96 35.09	43.19 2.15 20.28	39.27 2.40 11.20	40.69 3.07 3.87	39.10 1.69 0.01
ARTHUR_KILL_3 23513	32.93 1.30 0.00	30.59 0.98 0.00	27.98 1.05 0.01	26.88 0.88 0.00	26.50 0.80 0.00	27.66 0.96 0.01	31.46 1.09 0.01	35.36 1.67 -0.19	35.80 1.91 2.24	38.33 2.14 1.36	39.15 3.02 5.75	38.78 2.81 7.22	41.23 3.08 11.51	41.73 2.81 18.43	41.73 3.14 25.52	41.73 3.84 29.44	61.68 5.19 30.09	65.09 5.01 34.55	56.88 5.30 36.74	43.81 4.11 35.08	43.32 2.27 20.27	39.37 2.50 11.19	40.53 2.90 3.86	38.96 1.53 0.00
ARTHUR_KILL_COGEN 323718	33.50 1.87 -0.01	31.17 1.54 -0.01	28.47 1.53 0.00	27.33 1.32 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	32.01 1.64 0.00	35.63 1.94 -0.19	36.09 2.20 2.25	38.74 2.56 1.37	39.43 3.31 5.76	38.82 2.85 7.23	41.22 3.08 11.52	41.72 2.81 18.43	41.72 3.14 25.53	41.79 3.90 29.45	61.94 5.46 30.09	65.36 5.30 34.56	57.05 5.48 36.75	44.03 4.34 35.09	43.43 2.39 20.28	39.51 2.64 11.20	40.90 3.28 3.87	39.21 1.80 0.01
ASHOKAN____ 23654	32.99 1.36 0.00	30.77 1.15 0.00	28.12 1.18 0.00	27.06 1.07 0.00	26.70 1.00 0.00	27.53 0.83 0.00	31.10 0.73 0.00	35.44 1.94 0.00	38.04 1.91 0.00	39.69 2.14 0.00	44.77 2.89 0.00	44.75 1.55 0.00	53.04 3.38 0.00	59.01 1.66 0.00	66.10 1.99 0.00	69.69 2.36 0.00	92.98 6.41 0.00	98.89 4.26 0.00	92.56 4.24 0.00	78.22 3.44 0.00	64.21 2.88 0.00	50.75 2.69 0.00	44.02 2.53 0.00	39.11 1.69 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.41 1.77 -0.01	31.08 1.45 -0.01	28.40 1.45 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.08 1.36 -0.01	31.96 1.58 -0.01	35.73 2.04 -0.19	38.57 2.09 -0.34	40.48 2.48 -0.45	45.30 3.39 -0.02	46.14 2.94 0.00	52.98 3.33 0.01	60.43 3.09 0.01	67.56 3.46 0.01	71.50 4.18 0.01	92.99 5.71 -0.71	100.20 5.58 0.01	93.90 5.57 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.86 2.79 -0.01	44.82 3.32 -0.01	39.41 1.98 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.41 1.77 -0.01	31.08 1.45 -0.01	28.40 1.45 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.08 1.36 -0.01	31.96 1.58 -0.01	35.73 2.04 -0.19	38.57 2.09 -0.34	40.48 2.48 -0.45	45.30 3.39 -0.02	46.14 2.94 0.00	52.98 3.33 0.01	60.43 3.09 0.01	67.56 3.46 0.01	71.50 4.18 0.01	92.99 5.71 -0.71	100.20 5.58 0.01	93.90 5.57 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.86 2.79 -0.01	44.82 3.32 -0.01	39.41 1.98 -0.01
ASTORIA_GT2_1 24094	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT2_2 24095	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT2_3 24096	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT2_4 24097	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT3_1 24098	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT3_2 24099	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT3_3 24100	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT3_4 24101	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT4_1 24102	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT4_2 24103	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT4_3 24104	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT4_4 24105	33.50 1.87 -0.01	31.23 1.60 -0.01	28.54 1.59 -0.01	27.69 1.69 -0.01	27.35 1.64 -0.01	28.21 1.50 -0.01	32.02 1.64 -0.01	35.80 2.11 -0.19	38.64 2.17 -0.34	40.48 2.48 -0.45	45.05 3.14 -0.02	46.26 3.07 0.00	52.98 3.33 0.01	60.55 3.21 0.01	67.82 3.72 0.01	71.50 4.17 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.98 5.65 -0.01	79.20 4.41 -0.01	64.01 2.70 0.01	50.91 2.84 -0.01	44.77 3.28 -0.01	39.49 2.06 -0.01
ASTORIA_GT_1 23523	33.47 1.83 -0.01	31.14 1.51 -0.01	28.48 1.53 -0.01	27.35 1.35 -0.01	26.97 1.26 -0.01	28.16 1.44 -0.01	32.05 1.67 -0.01	35.83 2.15 -0.19	38.68 2.20 -0.34	40.60 2.59 -0.45	45.46 3.56 -0.02	46.26 3.07 0.00	53.13 3.48 0.01	60.66 3.32 0.01	67.75 3.65 0.01	71.77 4.44 0.01	93.25 5.97 -0.71	100.59 5.97 0.01	94.25 5.92 -0.01	79.50 4.71 -0.01	64.20 2.88 0.01	51.00 2.93 -0.01	44.98 3.49 -0.01	39.53 2.09 -0.01

ASTORIA_GT_10 24110	33.37 1.74 0.00	31.07 1.45 0.00	28.39 1.45 0.00	27.55 1.56 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	44.96 3.06 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	57.83 2.87 2.38	54.72 3.27 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.33 5.02 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.41 2.27 10.18	50.65 2.60 0.01	44.60 3.11 0.00	39.29 1.87 0.00
ASTORIA_GT_11 24225	33.37 1.74 0.00	31.07 1.45 0.00	28.39 1.45 0.00	27.55 1.56 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	44.96 3.06 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	57.83 2.87 2.38	54.72 3.27 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.33 5.02 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.41 2.27 10.18	50.65 2.60 0.01	44.60 3.11 0.00	39.29 1.87 0.00
ASTORIA_GT_12 24226	33.37 1.74 0.00	31.07 1.45 0.00	28.39 1.45 0.00	27.55 1.56 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	44.96 3.06 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	57.83 2.87 2.38	54.72 3.27 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.33 5.02 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.41 2.27 10.18	50.65 2.60 0.01	44.60 3.11 0.00	39.29 1.87 0.00
ASTORIA_GT_13 24227	33.37 1.74 0.00	31.07 1.45 0.00	28.39 1.45 0.00	27.55 1.56 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	44.96 3.06 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	57.83 2.87 2.38	54.72 3.27 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.33 5.02 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.41 2.27 10.18	50.65 2.60 0.01	44.60 3.11 0.00	39.29 1.87 0.00
ASTORIA_GT_5 24106	33.47 1.83 -0.01	31.14 1.51 -0.01	28.48 1.53 -0.01	27.35 1.35 -0.01	26.97 1.26 -0.01	28.16 1.44 -0.01	32.05 1.67 -0.01	35.83 2.15 -0.19	38.68 2.20 -0.34	40.60 2.59 -0.45	45.46 3.56 -0.02	46.26 3.07 0.00	53.13 3.48 0.01	60.66 3.32 0.01	67.75 3.65 0.01	71.77 4.44 0.01	93.25 5.97 -0.71	100.59 5.97 0.01	94.25 5.92 -0.01	79.50 4.71 -0.01	64.20 2.88 0.01	51.00 2.93 -0.01	44.98 3.49 -0.01	39.53 2.09 -0.01
ASTORIA_GT_7 24107	33.47 1.83 -0.01	31.14 1.51 -0.01	28.48 1.53 -0.01	27.35 1.35 -0.01	26.97 1.26 -0.01	28.16 1.44 -0.01	32.05 1.67 -0.01	35.83 2.15 -0.19	38.68 2.20 -0.34	40.60 2.59 -0.45	45.46 3.56 -0.02	46.26 3.07 0.00	53.13 3.48 0.01	60.66 3.32 0.01	67.75 3.65 0.01	71.77 4.44 0.01	93.25 5.97 -0.71	100.59 5.97 0.01	94.25 5.92 -0.01	79.50 4.71 -0.01	64.20 2.88 0.01	51.00 2.93 -0.01	44.98 3.49 -0.01	39.53 2.09 -0.01
ASTORIA_GT_8 24108	33.60 1.96 -0.01	31.29 1.66 -0.01	28.59 1.64 -0.01	27.74 1.74 -0.01	27.40 1.70 -0.01	28.26 1.55 -0.01	32.08 1.70 -0.01	35.90 2.21 -0.19	38.71 2.24 -0.34	40.60 2.59 -0.45	45.17 3.27 -0.02	46.39 3.20 0.00	53.13 3.48 0.01	60.72 3.38 0.01	68.01 3.91 0.01	71.77 4.44 0.01	93.25 5.97 -0.71	100.58 5.96 0.01	94.25 5.92 -0.01	79.50 4.71 -0.01	64.20 2.88 0.01	51.05 2.98 -0.01	44.90 3.40 -0.01	39.56 2.13 -0.01
ASTORIA___2 24149	33.41 1.77 -0.01	31.08 1.45 -0.01	28.43 1.48 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.10 1.39 -0.01	31.99 1.61 -0.01	35.73 2.04 -0.19	38.60 2.13 -0.34	40.48 2.48 -0.45	45.34 3.44 -0.02	46.14 2.94 0.00	52.98 3.33 0.01	60.49 3.15 0.01	67.56 3.46 0.01	71.50 4.18 0.01	92.99 5.71 -0.71	100.30 5.68 0.01	93.99 5.66 -0.01	79.28 4.49 -0.01	64.01 2.70 0.01	50.90 2.83 -0.01	44.86 3.36 -0.01	39.45 2.02 -0.01
ASTORIA___3 23516	33.27 1.64 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.14 1.14 0.00	26.79 1.08 -0.01	27.94 1.23 0.00	31.80 1.43 0.00	35.66 1.98 -0.19	38.64 2.17 -0.34	40.45 2.44 -0.45	45.21 3.31 -0.02	46.14 2.94 0.00	52.73 3.08 0.01	57.77 2.81 2.38	54.52 3.08 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.32 5.01 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.47 2.33 10.18	50.60 2.55 0.01	44.68 3.19 0.00	39.26 1.83 0.00
ASTORIA___4 23517	33.37 1.74 0.00	31.07 1.45 0.00	28.39 1.45 0.00	27.55 1.56 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	44.96 3.06 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	57.83 2.87 2.38	54.72 3.27 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.33 5.02 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.41 2.27 10.18	50.65 2.60 0.01	44.60 3.11 0.00	39.29 1.87 0.00
ASTORIA___5 23518	33.27 1.64 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.14 1.14 0.00	26.79 1.08 -0.01	27.94 1.23 0.00	31.80 1.43 0.00	35.66 1.98 -0.19	38.64 2.17 -0.34	40.45 2.44 -0.45	45.21 3.31 -0.02	46.14 2.94 0.00	52.73 3.08 0.01	57.77 2.81 2.38	54.52 3.08 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.32 5.01 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.47 2.33 10.18	50.60 2.55 0.01	44.68 3.19 0.00	39.26 1.83 0.00
AST_ENERGY_2_CC3 323677	33.09 1.46 0.00	30.77 1.15 0.00	28.12 1.18 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.80 1.10 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.57 2.09 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.04 3.38 0.00	60.50 3.15 0.00	67.63 3.52 0.00	71.58 4.24 0.00	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.96 2.64 0.00	50.85 2.79 0.00	44.64 3.15 0.00	39.18 1.76 0.00
AST_ENERGY_2_CC4 323678	33.09 1.46 0.00	30.77 1.15 0.00	28.12 1.18 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.80 1.10 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.57 2.09 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.04 3.38 0.00	60.50 3.15 0.00	67.63 3.52 0.00	71.58 4.24 0.00	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.96 2.64 0.00	50.85 2.79 0.00	44.64 3.15 0.00	39.18 1.76 0.00
ATHENS_STG_1 23668	32.17 0.54 0.00	30.06 0.44 0.00	27.61 0.67 0.00	26.59 0.60 0.00	26.24 0.54 0.00	27.24 0.53 0.00	30.86 0.48 0.00	34.26 0.70 -0.06	37.07 0.83 -0.11	38.67 0.97 -0.14	43.48 1.59 -0.01	44.71 1.51 0.00	51.25 1.59 0.00	58.61 1.26 0.00	65.65 1.54 0.00	69.15 1.82 0.00	89.13 2.34 -0.22	97.00 2.37 0.00	90.88 2.56 0.00	76.87 2.09 0.00	62.91 1.59 0.00	49.65 1.58 0.00	43.10 1.62 0.00	38.28 0.86 0.00
ATHENS_STG_2 23670	32.17 0.54 0.00	30.06 0.44 0.00	27.61 0.67 0.00	26.59 0.60 0.00	26.24 0.54 0.00	27.24 0.53 0.00	30.86 0.48 0.00	34.26 0.70 -0.06	37.07 0.83 -0.11	38.67 0.97 -0.14	43.48 1.59 -0.01	44.71 1.51 0.00	51.25 1.59 0.00	58.61 1.26 0.00	65.65 1.54 0.00	69.15 1.82 0.00	89.13 2.34 -0.22	97.00 2.37 0.00	90.88 2.56 0.00	76.87 2.09 0.00	62.91 1.59 0.00	49.65 1.58 0.00	43.10 1.62 0.00	38.28 0.86 0.00

ATHENS_STG_3 23677	32.17 0.54 0.00	30.06 0.44 0.00	27.61 0.67 0.00	26.59 0.60 0.00	26.24 0.54 0.00	27.24 0.53 0.00	30.86 0.48 0.00	34.26 0.70 -0.06	37.07 0.83 -0.11	38.67 0.97 -0.14	43.48 1.59 -0.01	44.71 1.51 0.00	51.25 1.59 0.00	58.61 1.26 0.00	65.65 1.54 0.00	69.15 1.82 0.00	89.13 2.34 -0.22	97.00 2.37 0.00	90.88 2.56 0.00	76.87 2.09 0.00	62.91 1.59 0.00	49.65 1.58 0.00	43.10 1.62 0.00	38.28 0.86 0.00
AUBURN____LFGE 323710	32.64 1.01 0.00	30.51 0.89 0.00	27.56 0.62 0.00	26.46 0.47 0.00	26.21 0.51 0.00	27.48 0.77 0.00	31.44 1.06 0.00	34.64 1.14 0.00	37.32 1.19 0.00	38.94 1.39 0.00	43.77 1.88 0.00	45.44 2.25 0.00	52.39 2.73 0.00	60.67 3.33 0.00	67.76 3.65 0.00	71.24 3.91 0.00	90.99 4.42 0.00	99.55 4.92 0.00	93.36 5.03 0.00	78.90 4.11 0.00	65.37 4.05 0.00	50.71 2.64 0.00	43.40 1.91 0.00	39.03 1.61 0.00
BABYLON_RES_REC 323704	35.81 2.47 -1.72	31.46 1.84 -0.01	28.77 1.83 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.36 1.66 0.00	32.62 2.25 0.00	36.47 2.78 -0.19	39.25 2.78 -0.34	40.53 2.52 -0.46	45.16 2.89 -0.39	46.78 3.02 -0.56	53.51 2.88 -0.97	65.37 3.21 -4.81	75.67 3.91 -7.64	87.28 5.52 -14.42	108.18 6.67 -14.94	114.10 6.72 -12.75	107.99 6.63 -13.04	89.71 4.93 -10.00	69.99 3.68 -4.98	57.60 2.88 -6.66	45.36 3.40 -0.47	42.17 3.03 -1.72
BABYLON__69_KV_BK2 356345	36.32 2.97 -1.72	32.28 2.67 0.00	29.23 2.29 0.00	28.15 2.16 0.00	27.88 2.18 0.00	28.84 2.14 0.00	33.05 2.67 0.00	36.97 3.28 -0.19	39.94 3.47 -0.34	41.02 3.00 -0.46	46.53 3.48 -1.17	49.07 4.10 -1.77	56.89 4.17 -3.06	77.34 4.76 -15.23	94.01 5.71 -24.19	120.21 7.27 -45.61	141.07 8.74 -45.76	144.08 9.08 -40.36	138.33 8.74 -41.27	113.00 6.58 -31.63	82.00 4.91 -15.77	73.31 4.18 -21.07	47.16 4.19 -1.48	45.34 3.59 -4.33
BARON_WINDS____WT_PWR 323822	32.32 0.69 0.00	30.27 0.65 0.00	26.99 0.05 0.00	26.31 0.31 0.00	26.13 0.44 0.00	27.19 0.48 0.00	31.16 0.79 0.00	34.20 0.70 0.00	36.82 0.68 0.00	38.49 0.94 0.00	43.47 1.59 0.00	45.44 2.24 0.00	52.49 2.83 0.00	60.79 3.44 0.00	68.34 4.23 0.00	71.85 4.51 0.00	90.56 3.98 0.00	99.17 4.54 0.00	92.65 4.33 0.00	78.22 3.44 0.00	65.00 3.68 0.00	50.08 2.02 0.00	42.90 1.41 0.00	38.58 1.16 0.00
BARRETT_IC_1 23704	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_10 23701	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_11 23702	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_12 23703	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_2 23705	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_3 23706	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_4 23707	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_5 23708	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_6 23709	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_7 23710	35.37 2.02 -1.72	31.48 1.87 0.00	28.58 1.64 0.00	27.61 1.61 0.00	27.29 1.59 0.00	28.20 1.50 0.00	32.20 1.82 0.00	35.90 2.21 -0.19	38.71 2.24 -0.34	39.96 1.95 -0.45	44.17 2.26 -0.02	45.96 2.76 0.00	52.49 2.83 0.00	60.44 3.10 0.00	67.57 3.46 0.00	72.00 4.65 -0.02	92.81 5.54 -0.70	100.21 5.58 0.00	93.89 5.56 0.00	78.82 4.04 0.00	64.21 2.88 0.00	50.90 2.84 0.00	44.60 3.11 0.00	40.16 2.43 -0.30

BARRETT_IC_8 23711	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT_IC_9 23700	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT___1 23545	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BARRETT___2 23546	35.28 1.93 -1.72	31.11 1.48 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.17 1.79 0.00	35.83 2.15 -0.19	38.57 2.09 -0.34	39.96 1.95 -0.45	44.46 2.56 -0.02	45.88 2.68 0.00	52.44 2.78 0.00	60.27 2.92 0.00	67.38 3.27 0.00	71.98 4.64 -0.01	92.89 5.62 -0.69	100.20 5.58 0.01	93.88 5.57 0.01	78.96 4.19 0.01	64.51 3.19 0.00	50.70 2.64 0.00	44.65 3.15 -0.01	40.16 2.43 -0.31
BATAVIA___115KV_TB1 55881	32.48 0.85 0.00	30.45 0.83 0.00	26.94 0.00 0.00	25.55 -0.44 0.00	25.21 -0.49 0.00	27.03 0.32 0.00	31.62 1.25 0.00	34.10 0.60 0.00	36.56 0.43 0.00	38.31 0.75 0.00	43.27 1.38 0.00	45.36 2.16 0.00	52.19 2.53 0.00	60.90 3.56 0.00	67.89 3.78 0.00	72.05 4.71 0.00	90.55 3.98 0.00	99.36 4.73 0.00	92.65 4.33 0.00	78.45 3.66 0.00	65.31 3.99 0.00	49.79 1.73 0.00	42.28 0.79 0.00	38.36 0.94 0.00
BAYONEEC___CTG1 323682	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG10 323750	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG2 323683	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG3 323684	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG4 323685	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG5 323686	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG6 323687	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG7 323688	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG8 323689	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00
BAYONEEC___CTG9 323749	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.34 2.33 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	53.08 3.42 0.00	55.75 3.15 4.75	42.33 3.52 25.30	44.87 4.24 26.70	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	43.68 2.64 20.27	50.83 2.79 0.01	44.63 3.15 0.01	39.18 1.76 0.00

BEACON___LESR 323632	32.32 0.69 0.00	30.21 0.59 0.00	27.64 0.70 0.00	26.62 0.62 0.00	26.29 0.59 0.00	27.35 0.64 0.00	31.04 0.67 0.00	34.17 0.87 0.20	36.84 1.08 0.37	38.27 1.20 0.49	43.66 1.80 0.03	44.88 1.68 0.00	51.50 1.84 0.00	58.95 1.60 0.00	66.22 2.11 0.00	69.69 2.36 0.00	88.84 3.03 0.76	98.13 3.50 0.00	92.03 3.71 0.00	77.78 2.99 0.00	64.02 2.70 0.00	50.32 2.26 0.00	43.52 2.03 0.00	38.81 1.39 0.00
BEAVER RIVER___HYD 24048	31.88 0.25 0.00	29.80 0.18 0.00	26.88 -0.05 0.00	25.92 -0.08 0.00	25.60 -0.10 0.00	26.71 0.00 0.00	30.53 0.15 0.00	33.63 0.13 0.00	36.20 0.07 0.00	37.52 -0.04 0.00	41.67 -0.21 0.00	42.98 -0.21 0.00	49.66 0.00 0.00	57.98 0.63 0.00	64.75 0.64 0.00	66.46 -0.88 0.00	85.79 -0.78 0.00	94.16 -0.47 0.00	88.32 0.00 0.00	74.71 -0.07 0.00	61.38 0.06 0.00	47.63 -0.43 0.00	40.70 -0.79 0.00	36.98 -0.45 0.00
BEEBEE_GT_13 23619	32.17 0.54 0.00	30.09 0.47 0.00	26.86 -0.08 0.00	25.60 -0.39 0.00	25.34 -0.36 0.00	26.87 0.16 0.00	31.19 0.82 0.00	33.90 0.40 0.00	36.42 0.29 0.00	38.12 0.56 0.00	42.89 1.01 0.00	44.80 1.60 0.00	51.65 1.99 0.00	59.98 2.64 0.00	66.99 2.88 0.00	70.84 3.50 0.00	89.60 3.03 0.00	98.04 3.41 0.00	91.59 3.27 0.00	77.55 2.77 0.00	64.33 3.00 0.00	49.50 1.44 0.00	42.15 0.66 0.00	38.10 0.67 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.76 2.12 -0.01	31.43 1.81 -0.01	28.69 1.75 0.00	27.87 1.87 -0.01	27.53 1.82 -0.01	28.34 1.63 0.00	32.17 1.79 0.00	36.07 2.38 -0.19	39.07 2.60 -0.34	40.97 2.97 -0.45	45.47 3.56 -0.02	46.74 3.54 0.00	53.43 3.77 0.01	58.58 3.61 2.38	55.62 4.17 12.66	58.69 4.71 13.36	130.54 6.41 -37.56	100.96 6.34 0.01	127.67 6.54 -32.81	86.31 5.16 -6.37	54.31 3.13 10.14	51.27 3.22 0.01	45.18 3.69 0.00	39.67 2.25 0.00
BETHLEHEM___GRP 23843	31.79 0.16 0.00	29.74 0.12 0.00	27.23 0.30 0.00	26.36 0.36 0.00	26.03 0.33 0.00	26.89 0.19 0.00	30.40 0.03 0.00	33.51 0.20 0.19	36.07 0.29 0.35	37.46 0.38 0.47	42.61 0.75 0.02	43.89 0.69 0.00	50.26 0.60 0.00	57.58 0.23 0.00	64.69 0.58 0.00	67.94 0.61 0.00	86.54 0.69 0.72	95.29 0.66 0.00	89.38 1.06 0.00	75.68 0.90 0.00	62.12 0.80 0.00	49.02 0.96 0.00	42.44 0.95 0.00	37.87 0.45 0.00
BETHLEHEM___GS1 323560	31.69 0.06 0.00	29.65 0.03 0.00	27.18 0.24 0.00	26.15 0.16 0.00	25.83 0.13 0.00	26.81 0.11 0.00	30.37 0.00 0.00	33.48 0.17 0.19	36.07 0.29 0.35	37.46 0.38 0.47	42.65 0.79 0.02	43.85 0.65 0.00	50.21 0.55 0.00	57.52 0.17 0.00	64.56 0.45 0.00	67.94 0.60 0.00	86.54 0.69 0.72	95.38 0.75 0.00	89.38 1.06 0.00	75.68 0.90 0.00	62.12 0.80 0.00	48.97 0.91 0.00	42.48 0.99 0.00	37.87 0.45 0.00
BETHLEHEM___GS2 323561	31.69 0.06 0.00	29.65 0.03 0.00	27.18 0.24 0.00	26.15 0.16 0.00	25.83 0.13 0.00	26.81 0.11 0.00	30.37 0.00 0.00	33.48 0.17 0.19	36.07 0.29 0.35	37.46 0.38 0.47	42.65 0.79 0.02	43.85 0.65 0.00	50.21 0.55 0.00	57.52 0.17 0.00	64.56 0.45 0.00	67.94 0.60 0.00	86.54 0.69 0.72	95.38 0.75 0.00	89.38 1.06 0.00	75.68 0.90 0.00	62.12 0.80 0.00	48.97 0.91 0.00	42.48 0.99 0.00	37.87 0.45 0.00
BETHLEHEM___GS3 323562	31.69 0.06 0.00	29.65 0.03 0.00	27.18 0.24 0.00	26.15 0.16 0.00	25.83 0.13 0.00	26.81 0.11 0.00	30.37 0.00 0.00	33.48 0.17 0.19	36.07 0.29 0.35	37.46 0.38 0.47	42.65 0.79 0.02	43.85 0.65 0.00	50.21 0.55 0.00	57.52 0.17 0.00	64.56 0.45 0.00	67.94 0.60 0.00	86.54 0.69 0.72	95.38 0.75 0.00	89.38 1.06 0.00	75.68 0.90 0.00	62.12 0.80 0.00	48.97 0.91 0.00	42.48 0.99 0.00	37.87 0.45 0.00
BETHLEHEM___STEEL 23779	32.20 0.57 0.00	30.18 0.56 0.00	26.70 -0.24 0.00	25.32 -0.68 0.00	25.06 -0.64 0.00	26.89 0.19 0.00	31.44 1.06 0.00	33.77 0.27 0.00	36.35 0.22 0.00	38.08 0.53 0.00	43.06 1.17 0.00	45.23 2.03 0.00	52.09 2.43 0.00	60.61 3.27 0.00	67.44 3.33 0.00	71.58 4.24 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.41 3.09 0.00	77.18 2.39 0.00	64.45 3.13 0.00	49.17 1.11 0.00	41.74 0.25 0.00	38.06 0.64 0.00
BETHLHEM_115KV_TB1 79974	31.88 0.25 0.00	29.83 0.21 0.00	27.32 0.38 0.00	26.44 0.44 0.00	26.11 0.41 0.00	26.97 0.27 0.00	30.50 0.12 0.00	33.62 0.30 0.18	36.19 0.40 0.34	37.60 0.49 0.44	42.74 0.88 0.02	44.02 0.82 0.00	50.40 0.74 0.00	57.75 0.40 0.00	64.88 0.77 0.00	68.14 0.81 0.00	86.83 0.95 0.69	95.58 0.95 0.00	89.65 1.32 0.00	75.90 1.12 0.00	62.30 0.98 0.00	49.17 1.11 0.00	42.57 1.08 0.00	37.98 0.56 0.00
BETHPAGE_CC_5 323564	35.56 2.21 -1.72	31.28 1.66 -0.01	28.61 1.67 0.00	27.37 1.38 0.00	26.98 1.28 0.00	28.20 1.49 0.00	32.41 2.04 0.00	36.13 2.44 -0.19	38.96 2.49 -0.34	40.22 2.22 -0.45	44.85 2.85 -0.12	46.33 2.98 -0.15	52.95 3.03 -0.26	61.91 3.27 -1.29	70.08 3.91 -2.06	76.68 5.45 -3.89	97.68 6.58 -4.53	104.68 6.62 -3.43	98.36 6.54 -3.51	82.41 4.93 -2.69	66.28 3.62 -1.34	52.79 2.93 -1.79	44.89 3.28 -0.13	41.02 2.62 -0.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.26 0.63 0.00	30.24 0.62 0.00	26.75 -0.19 0.00	25.37 -0.62 0.00	25.11 -0.59 0.00	26.97 0.27 0.00	31.50 1.12 0.00	33.87 0.37 0.00	36.46 0.33 0.00	38.19 0.64 0.00	43.22 1.34 0.00	45.36 2.16 0.00	52.29 2.63 0.00	60.84 3.50 0.00	67.70 3.59 0.00	71.85 4.51 0.00	89.95 3.38 0.00	98.60 3.97 0.00	91.85 3.53 0.00	77.47 2.69 0.00	64.70 3.37 0.00	49.36 1.30 0.00	41.82 0.33 0.00	38.13 0.71 0.00
BINGHAMTON___COGEN 23790	32.26 0.63 0.00	30.21 0.59 0.00	27.32 0.38 0.00	26.25 0.26 0.00	25.98 0.28 0.00	27.21 0.51 0.00	31.16 0.79 0.00	34.20 0.70 0.00	36.85 0.72 0.00	38.49 0.94 0.00	43.22 1.34 0.00	44.92 1.73 0.00	51.84 2.19 0.00	59.81 2.47 0.00	66.99 2.88 0.00	70.57 3.23 0.00	89.95 3.38 0.00	98.41 3.79 0.00	91.94 3.62 0.00	77.70 2.92 0.00	64.21 2.88 0.00	49.84 1.78 0.00	42.73 1.24 0.00	38.40 0.97 0.00
BIXINCNT_115KV_LOAD 355685	32.20 0.57 0.00	30.15 0.53 0.00	26.72 -0.22 0.00	25.40 -0.60 0.00	25.21 -0.49 0.00	27.11 0.40 0.00	31.71 1.34 0.00	34.17 0.67 0.00	36.78 0.65 0.00	38.64 1.09 0.00	43.64 1.76 0.00	45.83 2.64 0.00	52.89 3.23 0.00	61.59 4.24 0.00	68.60 4.49 0.00	72.79 5.45 0.00	91.07 4.50 0.00	99.74 5.11 0.00	93.27 4.95 0.00	78.60 3.81 0.00	65.43 4.11 0.00	49.70 1.63 0.00	42.03 0.54 0.00	38.25 0.82 0.00
BLACK RIVER___HYD 24047	32.29 0.67 0.00	30.15 0.53 0.00	27.15 0.21 0.00	26.23 0.23 0.00	25.93 0.23 0.00	27.05 0.35 0.00	30.98 0.61 0.00	34.14 0.63 0.00	36.67 0.54 0.00	38.04 0.49 0.00	42.47 0.59 0.00	43.93 0.73 0.00	50.85 1.19 0.00	59.24 1.89 0.00	66.16 2.05 0.00	67.67 0.34 0.00	87.35 0.78 0.00	96.05 1.42 0.00	90.35 2.03 0.00	76.28 1.50 0.00	62.98 1.66 0.00	48.68 0.62 0.00	41.57 0.08 0.00	37.54 0.11 0.00

BLACKRVR_115KV_TB2 79977	32.23 0.60 0.00	30.12 0.50 0.00	27.13 0.19 0.00	26.12 0.13 0.00	25.83 0.13 0.00	27.03 0.32 0.00	30.95 0.58 0.00	34.10 0.60 0.00	36.67 0.54 0.00	38.04 0.49 0.00	42.55 0.67 0.00	43.89 0.69 0.00	49.86 0.20 0.00	58.03 0.69 0.00	64.75 0.64 0.00	67.74 0.40 0.00	87.26 0.69 0.00	96.05 1.42 0.00	90.35 2.03 0.00	76.28 1.50 0.00	62.98 1.66 0.00	48.69 0.62 0.00	42.44 0.95 0.00	38.25 0.82 0.00
BLISS_WT_PWR 323608	32.20 0.57 0.00	30.09 0.47 0.00	26.59 -0.35 0.00	26.07 0.08 0.00	26.01 0.31 0.00	27.05 0.35 0.00	31.22 0.85 0.00	34.17 0.67 0.00	36.89 0.76 0.00	38.68 1.13 0.00	43.77 1.89 0.00	45.92 2.72 0.00	52.94 3.28 0.00	61.65 4.30 0.00	69.30 5.19 0.00	72.86 5.52 0.00	90.98 4.41 0.00	99.64 5.01 0.00	93.35 5.03 0.00	78.82 4.04 0.00	65.50 4.17 0.00	49.79 1.73 0.00	42.48 0.99 0.00	38.43 1.01 0.00
BLUESTONE___WT_PWR 323821	34.13 2.50 0.00	31.87 2.25 0.00	28.69 1.75 0.00	27.61 1.61 0.00	27.32 1.62 0.00	28.66 1.95 0.00	32.89 2.52 0.00	36.21 2.71 0.00	38.95 2.82 0.00	40.56 3.00 0.00	45.61 3.73 0.00	47.34 4.15 0.00	54.92 5.26 0.00	63.54 6.19 0.00	71.03 6.92 0.00	74.54 7.20 0.00	95.49 8.92 0.00	104.75 10.13 0.00	98.57 10.25 0.00	83.16 8.38 0.00	68.99 7.67 0.00	53.30 5.24 0.00	45.43 3.94 0.00	40.72 3.29 0.00
BLUE_CIRC_CHEM_DRP 24182	32.42 0.79 0.00	30.36 0.74 0.00	27.80 0.86 0.00	26.88 0.88 0.00	26.55 0.85 0.00	27.43 0.72 0.00	31.01 0.64 0.00	34.17 0.80 0.14	36.82 0.94 0.25	38.28 1.05 0.33	43.37 1.51 0.02	44.62 1.43 0.00	50.21 0.55 0.00	57.58 0.23 0.00	64.75 0.64 0.00	67.87 0.54 0.00	86.58 0.52 0.51	95.29 0.66 0.00	89.38 1.06 0.00	75.75 0.97 0.00	62.30 0.98 0.00	49.22 1.15 0.00	43.31 1.83 0.00	38.70 1.27 0.00
BOC_GAS_DRP 24189	32.07 0.44 0.00	30.03 0.41 0.00	27.53 0.59 0.00	26.64 0.65 0.00	26.31 0.62 0.00	27.16 0.45 0.00	30.71 0.33 0.00	33.90 0.54 0.13	36.50 0.61 0.24	37.95 0.71 0.32	43.00 1.13 0.02	44.28 1.08 0.00	50.70 1.04 0.00	58.03 0.69 0.00	65.20 1.09 0.00	68.41 1.08 0.00	87.37 1.30 0.50	95.95 1.32 0.00	90.00 1.68 0.00	76.13 1.35 0.00	62.49 1.17 0.00	49.31 1.25 0.00	42.77 1.29 0.00	38.13 0.71 0.00
BOONVLE_115KV_TB1 79983	32.36 0.73 0.00	30.24 0.62 0.00	27.37 0.43 0.00	26.38 0.39 0.00	26.08 0.39 0.00	27.21 0.51 0.00	31.04 0.67 0.00	34.27 0.77 0.00	36.93 0.79 0.00	38.38 0.83 0.00	42.97 1.09 0.00	44.28 1.08 0.00	50.85 1.19 0.00	59.01 1.66 0.00	65.90 1.80 0.00	69.02 1.68 0.00	88.82 2.25 0.00	97.28 2.65 0.00	91.15 2.83 0.00	77.03 2.24 0.00	63.41 2.08 0.00	49.31 1.25 0.00	42.57 1.08 0.00	38.40 0.97 0.00
BORALEX_4TH_BRANCH 23824	32.61 0.98 0.00	30.48 0.86 0.00	27.94 1.00 0.00	26.88 0.88 0.00	26.54 0.85 0.00	27.53 0.83 0.00	31.22 0.85 0.00	34.15 1.10 0.46	36.59 1.30 0.84	37.91 1.46 1.11	43.96 2.13 0.06	45.44 2.24 0.00	51.95 2.29 0.00	59.47 2.12 0.00	66.86 2.75 0.00	70.50 3.17 0.00	88.57 3.72 1.72	98.89 4.26 0.00	92.91 4.59 0.00	78.45 3.66 0.00	64.39 3.06 0.00	50.61 2.55 0.00	43.81 2.32 0.00	38.99 1.57 0.00
BOWLINE___1 23526	32.61 0.98 0.00	30.42 0.80 0.00	27.88 0.94 0.00	26.80 0.81 0.00	26.44 0.75 0.00	27.59 0.88 0.00	31.26 0.88 0.00	34.98 1.31 -0.17	37.96 1.52 -0.32	39.70 1.73 -0.42	44.46 2.56 -0.02	45.66 2.46 0.00	52.44 2.78 0.00	59.99 2.64 0.00	67.12 3.01 0.00	70.97 3.63 0.00	92.06 4.85 -0.65	99.45 4.82 0.00	93.18 4.85 0.00	78.52 3.74 0.00	63.78 2.46 0.00	50.46 2.40 0.00	44.02 2.53 0.00	38.77 1.35 0.00
BOWLINE___2 23595	32.67 1.04 0.00	30.45 0.83 0.00	27.91 0.97 0.00	26.83 0.83 0.00	26.47 0.77 0.00	27.59 0.88 0.00	31.28 0.91 0.00	35.05 1.37 -0.17	38.03 1.59 -0.32	39.77 1.80 -0.42	44.54 2.64 -0.02	45.74 2.55 0.00	52.54 2.88 0.00	60.10 2.75 0.00	67.25 3.14 0.00	71.10 3.77 0.00	92.24 5.02 -0.65	99.64 5.01 0.00	93.35 5.03 0.00	78.67 3.89 0.00	63.90 2.58 0.00	50.51 2.45 0.00	44.10 2.62 0.00	38.84 1.42 0.00
BRADY___115KV_TB2 356060	31.44 -0.19 0.00	29.50 -0.12 0.00	26.64 -0.30 0.00	25.68 -0.31 0.00	25.34 -0.36 0.00	26.39 -0.32 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.55 -0.58 0.00	36.80 -0.75 0.00	40.63 -1.26 0.00	40.91 -2.29 0.00	47.08 -2.58 0.00	55.85 -1.49 0.00	62.19 -1.92 0.00	64.98 -2.36 0.00	83.89 -2.68 0.00	91.98 -2.65 0.00	85.49 -2.83 0.00	72.84 -1.94 0.00	58.87 -2.45 0.00	45.85 -2.21 0.00	39.87 -1.62 0.00	36.75 -0.67 0.00
BRANSCOMB___SOLAR 323811	32.96 1.33 0.00	30.80 1.19 0.00	28.15 1.21 0.00	27.11 1.12 0.00	26.80 1.10 0.00	27.88 1.17 0.00	31.65 1.28 0.00	34.72 1.47 0.25	37.31 1.63 0.45	38.83 1.88 0.60	44.41 2.56 0.03	45.92 2.72 0.00	52.79 3.13 0.00	60.67 3.32 0.00	67.83 3.72 0.00	71.17 3.84 0.00	90.57 4.93 0.93	100.40 5.77 0.00	94.41 6.09 0.00	79.87 5.09 0.00	65.86 4.54 0.00	51.62 3.56 0.00	44.56 3.07 0.00	39.67 2.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.10 2.75 -1.72	32.08 2.46 0.00	29.07 2.13 0.00	27.97 1.98 0.00	27.70 2.00 0.00	28.68 1.98 0.00	32.86 2.49 0.00	36.74 3.05 -0.19	39.65 3.18 -0.34	40.67 2.63 -0.48	46.04 2.97 -1.19	48.58 3.59 -1.80	56.14 3.38 -3.11	76.59 3.78 -15.46	93.28 4.62 -24.55	119.68 6.06 -46.28	140.19 7.19 -46.43	142.97 7.38 -40.96	137.35 7.15 -41.88	112.20 5.31 -32.10	81.13 3.80 -16.01	72.86 3.41 -21.38	46.64 3.65 -1.50	49.84 3.29 -9.13
BRISTLHL_115KV_TB1 79998	31.63 0.00 0.00	29.59 -0.03 0.00	26.80 -0.13 0.00	25.79 -0.21 0.00	25.52 -0.18 0.00	26.65 -0.05 0.00	30.47 0.09 0.00	33.50 0.00 0.00	36.13 0.00 0.00	37.67 0.11 0.00	42.22 0.34 0.00	43.72 0.52 0.00	50.36 0.70 0.00	58.15 0.80 0.00	65.07 0.96 0.00	68.41 1.08 0.00	87.52 0.95 0.00	95.76 1.14 0.00	89.56 1.24 0.00	75.75 0.97 0.00	62.55 1.23 0.00	48.73 0.67 0.00	41.82 0.33 0.00	37.65 0.22 0.00
BROOKHAVEN___DRP 24191	36.26 2.91 -1.72	32.20 2.58 0.00	29.17 2.24 0.00	28.05 2.05 0.00	27.78 2.08 0.00	28.76 2.06 0.00	32.99 2.61 0.00	36.87 3.18 -0.19	39.80 3.32 -0.34	40.60 2.59 -0.45	50.72 3.27 -5.57	55.61 3.84 -8.57	68.49 4.02 -14.81	135.55 4.53 -73.67	233.45 5.45 -163.89	341.66 6.94 -267.39	313.15 7.96 -218.62	298.08 8.23 -195.22	296.10 8.21 -199.57	281.09 6.43 -199.87	189.27 4.78 -123.17	154.10 4.13 -101.91	52.62 3.98 -7.15	48.13 3.44 -7.26
BROOKLYN_NAVY_YARD 23515	33.12 1.49 0.00	30.77 1.15 0.00	28.15 1.21 0.00	27.03 1.04 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.68 1.31 0.00	35.60 1.91 -0.19	38.68 2.20 -0.34	40.48 2.48 -0.45	45.26 3.35 -0.02	46.35 3.15 0.00	53.13 3.48 0.00	60.61 3.27 0.00	67.76 3.65 0.00	71.71 4.37 0.00	93.24 5.97 -0.70	100.50 5.87 0.00	94.33 6.01 0.00	79.50 4.71 0.00	64.09 2.76 0.00	50.95 2.88 0.00	44.77 3.28 0.00	39.22 1.80 0.00

BROOKLYN___ARMY_DRP 323595	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
BROOKVLE_69_KV_TB1 55790	35.56 2.21 -1.72	31.57 1.95 0.00	28.74 1.80 0.00	27.76 1.77 0.00	27.45 1.75 0.00	28.36 1.66 0.00	32.32 1.94 0.00	36.20 2.51 -0.19	39.22 2.75 -0.34	40.71 2.70 -0.45	45.13 3.22 -0.02	46.87 3.67 0.00	53.63 3.97 0.00	61.65 4.30 0.00	69.11 5.00 0.00	73.41 6.06 -0.02	94.80 7.53 -0.70	102.29 7.66 0.00	95.74 7.42 0.00	80.47 5.68 0.00	65.37 4.05 0.00	51.71 3.65 0.00	45.06 3.57 0.00	40.46 2.73 -0.30
BROOME_2_LFGE 323671	32.29 0.67 0.00	30.21 0.59 0.00	27.29 0.35 0.00	26.41 0.41 0.00	26.16 0.46 0.00	27.21 0.51 0.00	31.04 0.67 0.00	34.20 0.70 0.00	36.89 0.76 0.00	38.49 0.94 0.00	43.31 1.42 0.00	44.93 1.73 0.00	51.79 2.13 0.00	59.81 2.46 0.00	67.19 3.08 0.00	70.57 3.23 0.00	89.94 3.37 0.00	98.32 3.69 0.00	91.94 3.62 0.00	77.70 2.91 0.00	64.21 2.88 0.00	49.89 1.83 0.00	42.90 1.41 0.00	38.43 1.01 0.00
BROOME___LFGE 323600	32.29 0.67 0.00	30.21 0.59 0.00	27.29 0.35 0.00	26.41 0.41 0.00	26.16 0.46 0.00	27.21 0.51 0.00	31.04 0.67 0.00	34.20 0.70 0.00	36.89 0.76 0.00	38.49 0.94 0.00	43.31 1.42 0.00	44.93 1.73 0.00	51.79 2.13 0.00	59.81 2.46 0.00	67.19 3.08 0.00	70.57 3.23 0.00	89.94 3.37 0.00	98.32 3.69 0.00	91.94 3.62 0.00	77.70 2.91 0.00	64.21 2.88 0.00	49.89 1.83 0.00	42.90 1.41 0.00	38.43 1.01 0.00
BROWNFLS_115KV_TB_3_5 80003	31.47 -0.16 0.00	29.41 -0.21 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.16 -0.54 0.00	26.23 -0.48 0.00	29.92 -0.46 0.00	33.00 -0.50 0.00	35.52 -0.61 0.00	36.77 -0.79 0.00	40.88 -1.01 0.00	41.47 -1.73 0.00	47.28 -2.38 0.00	55.68 -1.66 0.00	62.06 -2.05 0.00	64.84 -2.49 0.00	83.63 -2.94 0.00	91.88 -2.74 0.00	85.85 -2.47 0.00	72.84 -1.94 0.00	59.36 -1.96 0.00	46.14 -1.92 0.00	40.29 -1.20 0.00	36.79 -0.64 0.00
BROWNSV1_27_KV_LOAD 356125	33.56 1.93 0.00	31.25 1.63 0.00	28.53 1.59 0.00	27.71 1.72 0.00	27.37 1.67 0.00	28.20 1.50 0.00	32.01 1.64 0.00	36.00 2.31 -0.19	39.07 2.60 -0.34	40.86 2.85 -0.45	45.55 3.64 -0.02	47.00 3.80 0.00	53.83 4.17 0.00	61.42 4.07 0.00	68.79 4.68 0.00	72.59 5.25 0.00	94.37 7.10 -0.70	101.73 7.10 0.00	95.48 7.15 0.00	80.47 5.68 0.00	64.82 3.50 0.00	51.62 3.56 0.00	45.18 3.69 0.00	39.67 2.25 0.00
BURROWS___LYONSDAL 23803	32.26 0.63 0.00	30.15 0.53 0.00	27.26 0.32 0.00	26.28 0.29 0.00	25.98 0.28 0.00	27.11 0.40 0.00	30.95 0.58 0.00	34.14 0.64 0.00	36.78 0.65 0.00	38.19 0.64 0.00	42.72 0.84 0.00	44.02 0.82 0.00	50.45 0.79 0.00	58.61 1.26 0.00	65.46 1.35 0.00	68.55 1.21 0.00	88.22 1.64 0.00	96.71 2.08 0.00	90.62 2.30 0.00	76.58 1.79 0.00	63.04 1.72 0.00	49.02 0.96 0.00	42.40 0.91 0.00	38.25 0.82 0.00
CAITHNESS_CC_1 323624	36.00 2.66 -1.72	31.61 1.98 -0.01	28.93 1.99 0.00	27.61 1.61 0.00	27.19 1.49 0.00	28.47 1.76 0.00	32.80 2.43 0.00	36.60 2.91 -0.19	39.40 2.93 -0.34	40.45 2.44 -0.45	50.73 3.31 -5.54	55.26 3.54 -8.52	68.01 3.62 -14.72	134.60 4.01 -73.24	185.24 4.81 -116.32	293.02 6.46 -219.22	311.44 7.53 -217.34	296.37 7.66 -194.08	294.41 7.68 -198.41	232.93 6.05 -152.10	141.76 4.60 -75.84	152.98 3.61 -101.31	52.41 3.81 -7.11	47.87 3.22 -7.23
CALPINE BETH_PAGE_GT4 24209	35.59 2.25 -1.72	31.60 1.98 0.00	28.69 1.75 0.00	27.68 1.69 0.00	27.39 1.70 0.00	28.34 1.63 0.00	32.35 1.97 0.00	36.07 2.38 -0.19	39.00 2.53 -0.34	40.15 2.14 -0.45	44.49 2.51 -0.10	46.33 3.02 -0.11	52.93 3.08 -0.19	61.69 3.38 -0.96	69.68 4.04 -1.53	75.62 5.39 -2.90	96.53 6.41 -3.55	103.71 6.53 -2.56	97.38 6.45 -2.61	81.50 4.71 -2.00	65.69 3.37 -1.00	52.52 3.12 -1.33	44.73 3.15 -0.09	40.72 2.51 -0.79
CALPINE_BETH_PAGE_GT_4 323586	35.50 2.15 -1.72	31.23 1.60 -0.01	28.55 1.62 0.00	27.32 1.32 0.00	26.93 1.23 0.00	28.15 1.44 0.00	32.32 1.95 0.00	36.00 2.31 -0.19	38.82 2.35 -0.34	40.15 2.14 -0.45	44.79 2.81 -0.10	46.25 2.94 -0.11	52.83 2.98 -0.19	61.58 3.27 -0.96	69.49 3.85 -1.53	75.62 5.39 -2.90	96.62 6.50 -3.55	103.71 6.52 -2.55	97.38 6.44 -2.61	81.64 4.86 -2.00	65.94 3.62 -1.00	52.33 2.93 -1.33	44.82 3.24 -0.09	40.72 2.51 -0.79
CALPINE_BP_GT1 23823	35.50 2.15 -1.72	31.23 1.60 -0.01	28.55 1.62 0.00	27.32 1.32 0.00	26.93 1.23 0.00	28.15 1.44 0.00	32.32 1.95 0.00	36.00 2.31 -0.19	38.82 2.35 -0.34	40.15 2.14 -0.45	44.79 2.81 -0.10	46.25 2.94 -0.11	52.83 2.98 -0.19	61.58 3.27 -0.96	69.49 3.85 -1.53	75.62 5.39 -2.90	96.62 6.50 -3.55	103.71 6.52 -2.55	97.38 6.44 -2.61	81.64 4.86 -2.00	65.94 3.62 -1.00	52.33 2.93 -1.33	44.82 3.24 -0.09	40.72 2.51 -0.79
CALSPAN___DRP 24200	32.20 0.57 0.00	30.18 0.56 0.00	26.70 -0.24 0.00	25.32 -0.68 0.00	25.06 -0.64 0.00	26.89 0.19 0.00	31.44 1.06 0.00	33.77 0.27 0.00	36.35 0.22 0.00	38.08 0.53 0.00	43.06 1.17 0.00	45.23 2.03 0.00	52.09 2.43 0.00	60.61 3.27 0.00	67.44 3.33 0.00	71.58 4.24 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.41 3.09 0.00	77.18 2.39 0.00	64.45 3.13 0.00	49.17 1.11 0.00	41.74 0.25 0.00	38.06 0.64 0.00
CALVERTON___SOLAR 323806	36.32 2.97 -1.72	31.88 2.25 -0.01	29.17 2.23 0.00	27.84 1.85 0.00	27.42 1.72 0.00	28.71 2.00 0.00	33.11 2.73 0.00	36.94 3.25 -0.19	39.76 3.29 -0.34	40.79 2.78 -0.45	51.32 3.85 -5.59	55.85 4.06 -8.59	68.78 4.27 -14.85	136.02 4.82 -73.86	230.76 5.77 -160.87	339.44 7.47 -264.63	314.39 8.66 -219.16	299.33 8.99 -195.70	297.40 9.01 -200.07	278.98 7.25 -196.95	186.90 5.52 -120.05	154.55 4.33 -102.16	53.01 4.36 -7.17	48.36 3.67 -7.27
CANDIGU_WT_PWR 323617	32.32 0.69 0.00	30.27 0.65 0.00	26.99 0.05 0.00	26.31 0.31 0.00	26.13 0.44 0.00	27.19 0.48 0.00	31.16 0.79 0.00	34.20 0.70 0.00	36.82 0.68 0.00	38.49 0.94 0.00	43.47 1.59 0.00	45.44 2.24 0.00	52.49 2.83 0.00	60.79 3.44 0.00	68.34 4.23 0.00	71.85 4.51 0.00	90.56 3.98 0.00	99.17 4.54 0.00	92.65 4.33 0.00	78.22 3.44 0.00	65.00 3.68 0.00	50.08 2.02 0.00	42.90 1.41 0.00	38.58 1.16 0.00
CARR STREET_E_SYR 24060	31.85 0.22 0.00	29.80 0.18 0.00	26.96 0.03 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.81 0.11 0.00	30.59 0.21 0.00	33.63 0.13 0.00	36.17 0.04 0.00	37.71 0.15 0.00	42.30 0.42 0.00	43.85 0.65 0.00	50.45 0.79 0.00	58.26 0.91 0.00	65.32 1.22 0.00	68.61 1.28 0.00	87.61 1.04 0.00	95.77 1.14 0.00	89.56 1.24 0.00	75.75 0.97 0.00	62.55 1.23 0.00	48.73 0.67 0.00	41.95 0.46 0.00	37.65 0.23 0.00

CARTHAGE___PAPER 23857	31.98 0.35 0.00	29.91 0.30 0.00	26.96 0.03 0.00	25.99 0.00 0.00	25.70 0.00 0.00	26.81 0.11 0.00	30.68 0.30 0.00	33.80 0.30 0.00	36.35 0.22 0.00	37.67 0.11 0.00	41.88 0.00 0.00	43.24 0.04 0.00	50.01 0.35 0.00	58.38 1.03 0.00	65.13 1.02 0.00	65.92 -1.42 0.00	85.18 -1.39 0.00	93.59 -1.04 0.00	87.88 -0.44 0.00	74.34 -0.45 0.00	61.20 -0.12 0.00	47.34 -0.72 0.00	40.45 -1.04 0.00	36.68 -0.75 0.00
CASSADAGA_WT_PWR 323784	32.67 1.04 0.00	30.80 1.19 0.00	27.21 0.27 0.00	26.62 0.62 0.00	26.47 0.77 0.00	27.53 0.83 0.00	31.74 1.37 0.00	34.81 1.31 0.00	37.50 1.37 0.00	39.28 1.73 0.00	44.69 2.81 0.00	46.95 3.76 0.00	54.18 4.52 0.00	63.08 5.73 0.00	70.84 6.73 0.00	74.47 7.13 0.00	93.15 6.58 0.00	102.20 7.57 0.00	95.21 6.89 0.00	80.32 5.53 0.00	66.90 5.58 0.00	50.99 2.93 0.00	43.48 1.99 0.00	39.26 1.83 0.00
CE_DUNWOOD___DRP 24194	33.05 1.42 0.00	30.83 1.21 0.00	28.20 1.27 0.00	27.35 1.35 0.00	27.01 1.31 0.00	27.88 1.18 0.00	31.59 1.21 0.00	35.43 1.74 -0.19	38.46 1.99 -0.34	40.18 2.18 -0.45	44.75 2.85 -0.02	46.22 3.02 0.00	53.04 3.38 0.00	60.56 3.21 0.00	67.89 3.78 0.00	71.64 4.31 0.00	92.98 5.71 -0.70	100.31 5.68 0.00	94.06 5.74 0.00	79.27 4.49 0.00	64.27 2.94 0.00	50.95 2.88 0.00	44.43 2.95 0.00	39.22 1.80 0.00
CE_MILLWOOD___DRP 24193	32.96 1.33 0.00	30.74 1.13 0.00	28.12 1.19 0.00	27.29 1.30 0.00	26.96 1.26 0.00	27.83 1.12 0.00	31.50 1.12 0.00	35.33 1.64 -0.18	38.31 1.84 -0.34	40.03 2.03 -0.45	44.63 2.72 -0.02	46.13 2.94 0.00	52.89 3.23 0.00	60.44 3.10 0.00	67.76 3.65 0.00	71.44 4.11 0.00	92.72 5.45 -0.69	100.12 5.49 0.00	93.89 5.56 0.00	79.12 4.34 0.00	64.21 2.88 0.00	50.85 2.79 0.00	44.31 2.82 0.00	39.11 1.68 0.00
CE_NYC2_DRP 24202	33.40 1.77 0.00	31.10 1.48 0.00	28.39 1.45 0.00	27.58 1.59 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.76 2.08 -0.19	38.75 2.28 -0.34	40.52 2.52 -0.45	45.05 3.14 -0.02	46.35 3.15 0.00	52.93 3.28 0.01	57.89 2.92 2.38	54.84 3.40 12.66	57.88 3.91 13.36	73.18 5.28 18.67	81.42 5.11 18.32	68.13 5.30 25.49	54.94 4.19 24.03	53.53 2.39 10.18	50.75 2.69 0.01	44.64 3.15 0.00	39.33 1.91 0.00
CE_NYC_DRP 24195	33.27 1.64 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.74 1.37 0.00	35.66 1.98 -0.19	38.71 2.24 -0.34	40.48 2.48 -0.45	45.09 3.18 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	60.84 3.50 0.00	68.08 3.97 0.00	71.85 4.51 0.00	93.42 6.15 -0.70	100.69 6.06 0.00	94.42 6.09 0.00	79.57 4.79 0.00	64.14 2.82 0.00	51.09 3.03 0.00	44.72 3.24 0.00	39.33 1.91 0.00
CHAFFEE___LFGE 323603	32.36 0.73 0.00	30.30 0.68 0.00	26.75 -0.19 0.00	26.20 0.21 0.00	26.06 0.36 0.00	26.97 0.27 0.00	31.04 0.67 0.00	33.93 0.43 0.00	36.60 0.47 0.00	38.27 0.71 0.00	43.31 1.42 0.00	45.48 2.29 0.00	52.44 2.78 0.00	61.07 3.73 0.00	68.60 4.49 0.00	72.05 4.71 0.00	90.12 3.55 0.00	98.79 4.16 0.00	92.03 3.71 0.00	77.70 2.91 0.00	64.82 3.49 0.00	49.55 1.49 0.00	42.40 0.91 0.00	38.36 0.94 0.00
CHATEAUG_35_KV_LOAD 355732	31.34 -0.28 0.00	29.47 -0.15 0.00	26.70 -0.24 0.00	25.76 -0.23 0.00	25.47 -0.23 0.00	26.49 -0.21 0.00	30.16 -0.21 0.00	32.93 -0.57 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	40.50 -1.38 0.00	41.34 -1.86 0.00	47.52 -2.14 0.00	55.51 -1.84 0.00	61.87 -2.24 0.00	64.71 -2.63 0.00	83.37 -3.20 0.00	91.41 -3.22 0.00	84.79 -3.53 0.00	72.39 -2.39 0.00	58.87 -2.45 0.00	46.19 -1.87 0.00	39.83 -1.66 0.00	36.49 -0.94 0.00
CHATEAUG_WT_PWR 323614	31.03 -0.60 0.00	29.41 -0.21 0.00	26.64 -0.30 0.00	25.68 -0.31 0.00	25.39 -0.31 0.00	26.44 -0.27 0.00	30.10 -0.27 0.00	32.76 -0.74 0.00	35.26 -0.87 0.00	36.50 -1.05 0.00	40.13 -1.76 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.34 -2.01 0.00	61.67 -2.44 0.00	64.51 -2.83 0.00	83.11 -3.47 0.00	91.03 -3.60 0.00	84.53 -3.80 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	46.00 -2.07 0.00	39.46 -2.03 0.00	36.30 -1.12 0.00
CHAT_HIGH_FALL_HYD 323578	31.16 -0.47 0.00	29.47 -0.15 0.00	26.70 -0.24 0.00	25.73 -0.26 0.00	25.44 -0.26 0.00	26.49 -0.21 0.00	30.16 -0.21 0.00	32.93 -0.57 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	40.25 -1.63 0.00	41.34 -1.86 0.00	47.58 -2.08 0.00	55.57 -1.78 0.00	61.86 -2.25 0.00	64.71 -2.63 0.00	83.37 -3.20 0.00	91.41 -3.22 0.00	84.79 -3.54 0.00	72.39 -2.40 0.00	58.87 -2.45 0.00	46.19 -1.88 0.00	39.62 -1.87 0.00	36.45 -0.97 0.00
CHAUTAUQUA___LFGE 323629	32.61 0.98 0.00	30.63 1.01 0.00	27.05 0.11 0.00	26.46 0.47 0.00	26.31 0.62 0.00	27.32 0.61 0.00	31.47 1.09 0.00	34.47 0.97 0.00	37.18 1.05 0.00	38.91 1.35 0.00	44.14 2.26 0.00	46.35 3.15 0.00	53.48 3.82 0.00	62.28 4.93 0.00	69.94 5.83 0.00	73.52 6.19 0.00	92.03 5.46 0.00	100.87 6.24 0.00	93.98 5.66 0.00	79.27 4.49 0.00	66.05 4.72 0.00	50.46 2.40 0.00	43.10 1.62 0.00	38.92 1.50 0.00
CHERRYST_13_KV_LD 356241	33.37 1.74 0.00	31.07 1.45 0.00	28.37 1.43 0.00	27.55 1.56 0.00	27.21 1.52 0.00	28.04 1.34 0.00	31.83 1.46 0.00	35.80 2.11 -0.19	38.89 2.42 -0.34	40.63 2.63 -0.45	45.30 3.39 -0.02	46.74 3.54 0.00	53.58 3.92 0.00	61.13 3.78 0.00	68.47 4.36 0.00	72.25 4.92 0.00	93.85 6.58 -0.70	101.16 6.53 0.00	94.86 6.54 0.00	79.94 5.16 0.00	64.39 3.07 0.00	51.28 3.22 0.00	44.89 3.40 0.00	39.44 2.02 0.00
CHESTROR_138KV_BK263 355645	32.70 1.08 0.00	30.54 0.92 0.00	27.93 1.00 0.00	27.09 1.09 0.00	26.75 1.05 0.00	27.59 0.88 0.00	31.22 0.85 0.00	34.89 1.24 -0.15	37.78 1.37 -0.28	39.46 1.54 -0.37	44.00 2.09 -0.02	45.49 2.29 0.00	52.24 2.58 0.00	59.81 2.47 0.00	67.06 2.95 0.00	70.63 3.30 0.00	91.56 4.42 -0.57	98.98 4.35 0.00	92.74 4.42 0.00	78.22 3.44 0.00	63.71 2.39 0.00	50.37 2.31 0.00	43.77 2.28 0.00	38.77 1.35 0.00
CH_MIDHUDSON___DRP 24192	32.93 1.30 0.00	30.74 1.13 0.00	28.15 1.21 0.00	27.29 1.30 0.00	26.96 1.26 0.00	27.77 1.07 0.00	31.38 1.00 0.00	35.13 1.51 -0.12	38.02 1.66 -0.23	39.73 1.88 -0.30	44.45 2.55 -0.02	45.96 2.76 0.00	52.79 3.13 0.00	60.33 2.98 0.00	67.70 3.59 0.00	71.24 3.91 0.00	92.32 5.28 -0.47	99.93 5.30 0.00	93.71 5.39 0.00	79.04 4.26 0.00	64.39 3.07 0.00	50.95 2.88 0.00	44.23 2.74 0.00	39.14 1.72 0.00
CH_MISC_IPPS 23765	33.09 1.46 0.00	30.83 1.21 0.00	28.23 1.29 0.00	27.16 1.17 0.00	26.78 1.08 0.00	27.83 1.12 0.00	31.53 1.15 0.00	35.48 1.84 -0.14	38.37 1.99 -0.25	40.14 2.25 -0.34	45.17 3.27 -0.02	46.48 3.28 0.00	53.48 3.82 0.00	61.19 3.84 0.00	68.27 4.16 0.00	72.18 4.85 0.00	93.85 6.76 -0.52	101.45 6.82 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.62 3.56 0.00	44.85 3.36 0.00	39.59 2.17 0.00

CH_RES_BVR_FALLS 23983	31.34 -0.29 0.00	29.38 -0.24 0.00	26.70 -0.24 0.00	25.76 -0.23 0.00	25.47 -0.23 0.00	26.47 -0.24 0.00	30.10 -0.27 0.00	33.17 -0.33 0.00	35.77 -0.36 0.00	37.14 -0.41 0.00	41.17 -0.71 0.00	42.37 -0.82 0.00	48.71 -0.95 0.00	56.54 -0.80 0.00	63.08 -1.03 0.00	66.19 -1.15 0.00	85.28 -1.30 0.00	93.21 -1.42 0.00	86.82 -1.50 0.00	73.58 -1.20 0.00	60.16 -1.17 0.00	47.15 -0.91 0.00	40.66 -0.83 0.00	36.94 -0.49 0.00
CH_RES_NIAGARA 23895	31.19 -0.44 0.00	29.41 -0.21 0.00	25.73 -1.21 0.00	25.32 -0.68 0.00	25.16 -0.54 0.00	25.88 -0.83 0.00	29.73 -0.64 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.20 0.00 0.00	49.66 0.00 0.00	57.63 0.29 0.00	64.82 0.71 0.00	68.08 0.74 0.00	84.92 -1.65 0.00	93.02 -1.61 0.00	86.73 -1.59 0.00	73.44 -1.34 0.00	61.38 0.06 0.00	47.15 -0.91 0.00	40.58 -0.91 0.00	36.79 -0.64 0.00
CH_RES_SYRACUSE 23985	32.10 0.48 0.00	30.00 0.38 0.00	27.13 0.19 0.00	26.23 0.23 0.00	25.98 0.28 0.00	27.00 0.29 0.00	30.80 0.43 0.00	33.93 0.43 0.00	36.57 0.44 0.00	38.12 0.56 0.00	42.80 0.92 0.00	44.32 1.12 0.00	50.80 1.14 0.00	58.61 1.26 0.00	65.71 1.60 0.00	69.02 1.68 0.00	88.04 1.47 0.00	96.33 1.71 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.71 0.00	49.17 1.11 0.00	42.44 0.95 0.00	38.13 0.71 0.00
CLINTON_WT_PWR 323605	31.03 -0.60 0.00	29.41 -0.21 0.00	26.64 -0.30 0.00	25.68 -0.31 0.00	25.39 -0.31 0.00	26.44 -0.27 0.00	30.10 -0.27 0.00	32.76 -0.74 0.00	35.26 -0.87 0.00	36.50 -1.05 0.00	40.13 -1.76 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.34 -2.01 0.00	61.67 -2.44 0.00	64.51 -2.83 0.00	83.11 -3.47 0.00	91.03 -3.60 0.00	84.53 -3.80 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	46.00 -2.07 0.00	39.46 -2.03 0.00	36.30 -1.12 0.00
CLINTON___LFGE 323618	31.19 -0.44 0.00	29.68 0.06 0.00	26.83 -0.11 0.00	25.89 -0.10 0.00	25.60 -0.10 0.00	26.68 -0.03 0.00	30.40 0.03 0.00	32.86 -0.64 0.00	35.37 -0.76 0.00	36.62 -0.94 0.00	40.21 -1.68 0.00	41.25 -1.94 0.00	47.48 -2.18 0.00	55.51 -1.84 0.00	61.86 -2.25 0.00	64.71 -2.63 0.00	83.11 -3.47 0.00	91.23 -3.40 0.00	84.61 -3.71 0.00	72.39 -2.40 0.00	58.93 -2.39 0.00	46.24 -1.83 0.00	39.54 -1.95 0.00	36.41 -1.01 0.00
COBBLENY_34_KV_TB1 80064	32.29 0.66 0.00	30.27 0.65 0.00	26.78 -0.16 0.00	25.40 -0.60 0.00	25.13 -0.57 0.00	27.00 0.29 0.00	31.56 1.18 0.00	33.94 0.44 0.00	36.53 0.40 0.00	38.27 0.71 0.00	43.27 1.38 0.00	45.49 2.29 0.00	52.44 2.78 0.00	61.07 3.73 0.00	67.89 3.78 0.00	71.98 4.65 0.00	90.21 3.64 0.00	98.89 4.26 0.00	92.03 3.71 0.00	77.62 2.84 0.00	64.82 3.50 0.00	49.41 1.35 0.00	41.86 0.37 0.00	38.17 0.75 0.00
COFFEEN___115KV_TB3 355620	32.48 0.85 0.00	30.33 0.71 0.00	27.32 0.38 0.00	26.28 0.29 0.00	25.98 0.28 0.00	27.21 0.51 0.00	31.19 0.82 0.00	34.37 0.87 0.00	36.93 0.79 0.00	38.31 0.75 0.00	42.89 1.01 0.00	44.28 1.08 0.00	50.36 0.70 0.00	58.66 1.32 0.00	65.39 1.28 0.00	68.41 1.08 0.00	88.22 1.64 0.00	97.18 2.55 0.00	91.50 3.18 0.00	77.18 2.39 0.00	63.84 2.51 0.00	49.26 1.20 0.00	42.86 1.37 0.00	38.58 1.16 0.00
COLDSPRG_115KV_BK1 355956	32.89 1.27 0.00	30.89 1.27 0.00	27.42 0.48 0.00	26.05 0.05 0.00	25.80 0.10 0.00	27.75 1.04 0.00	32.41 2.04 0.00	35.01 1.51 0.00	37.58 1.45 0.00	39.43 1.88 0.00	44.81 2.93 0.00	47.04 3.84 0.00	54.38 4.72 0.00	63.42 6.08 0.00	70.52 6.41 0.00	74.88 7.54 0.00	93.84 7.27 0.00	102.96 8.33 0.00	95.83 7.51 0.00	80.62 5.83 0.00	67.15 5.83 0.00	51.04 2.98 0.00	43.11 1.62 0.00	39.14 1.72 0.00
COLONIE_LFGE___ 323577	32.45 0.82 0.00	30.36 0.74 0.00	27.80 0.86 0.00	26.75 0.75 0.00	26.42 0.72 0.00	27.43 0.72 0.00	31.13 0.76 0.00	34.19 0.97 0.29	36.73 1.12 0.52	38.14 1.28 0.69	43.73 1.89 0.04	45.14 1.95 0.00	51.75 2.09 0.00	59.30 1.95 0.00	66.55 2.44 0.00	70.03 2.70 0.00	88.79 3.29 1.07	98.42 3.79 0.00	92.39 4.06 0.00	78.07 3.29 0.00	64.15 2.82 0.00	50.42 2.35 0.00	43.60 2.11 0.00	38.84 1.42 0.00
COOPERNY_115KV_TB1 80082	32.42 0.79 0.00	30.30 0.68 0.00	27.69 0.75 0.00	26.83 0.83 0.00	26.49 0.80 0.00	27.37 0.67 0.00	31.04 0.67 0.00	34.53 0.94 -0.09	37.34 1.05 -0.16	38.93 1.16 -0.22	43.53 1.63 -0.01	45.01 1.81 0.00	51.70 2.04 0.00	59.24 1.89 0.00	66.42 2.31 0.00	69.89 2.56 0.00	90.20 3.29 -0.33	97.94 3.31 0.00	91.77 3.44 0.00	77.47 2.69 0.00	63.29 1.96 0.00	49.89 1.83 0.00	43.23 1.74 0.00	38.43 1.01 0.00
COPENHAGEN_WT_PWR 323753	32.23 0.60 0.00	30.09 0.47 0.00	27.13 0.19 0.00	26.20 0.21 0.00	25.90 0.20 0.00	27.03 0.32 0.00	30.92 0.55 0.00	34.07 0.57 0.00	36.64 0.51 0.00	38.01 0.45 0.00	42.43 0.54 0.00	43.89 0.69 0.00	50.80 1.14 0.00	59.13 1.78 0.00	66.03 1.92 0.00	67.74 0.41 0.00	87.26 0.69 0.00	95.95 1.32 0.00	90.18 1.86 0.00	76.20 1.42 0.00	62.91 1.59 0.00	48.68 0.62 0.00	41.61 0.12 0.00	37.54 0.11 0.00
CORNELL_____ 23752	32.80 1.17 0.00	30.66 1.04 0.00	27.69 0.75 0.00	26.59 0.60 0.00	26.34 0.64 0.00	27.61 0.91 0.00	31.62 1.25 0.00	34.81 1.31 0.00	37.43 1.30 0.00	39.06 1.50 0.00	43.85 1.97 0.00	45.53 2.33 0.00	52.54 2.88 0.00	60.73 3.38 0.00	68.02 3.91 0.00	71.58 4.24 0.00	91.51 4.93 0.00	100.31 5.68 0.00	93.89 5.56 0.00	79.42 4.64 0.00	65.68 4.35 0.00	50.95 2.88 0.00	43.52 2.03 0.00	39.14 1.72 0.00
CORONAAV_69_KV_TB1 355595	35.56 2.21 -1.72	31.60 1.98 0.00	28.72 1.78 0.00	27.71 1.72 0.00	27.42 1.72 0.00	28.34 1.63 0.00	32.32 1.94 0.00	36.13 2.45 -0.19	39.04 2.57 -0.34	40.37 2.37 -0.45	44.84 2.93 -0.02	46.61 3.41 0.00	53.33 3.67 0.00	61.36 4.01 0.00	68.79 4.68 0.00	73.14 5.79 -0.02	94.37 7.10 -0.70	102.01 7.38 0.00	95.48 7.15 0.00	80.17 5.38 0.00	65.25 3.92 0.00	51.62 3.56 0.00	45.06 3.57 0.00	40.42 2.69 -0.30
CORTLAND_115KV_TB3 80093	32.42 0.79 0.00	30.30 0.68 0.00	27.42 0.48 0.00	26.38 0.39 0.00	26.11 0.41 0.00	27.32 0.61 0.00	31.22 0.85 0.00	34.37 0.87 0.00	37.03 0.90 0.00	38.64 1.09 0.00	43.35 1.47 0.00	44.97 1.77 0.00	51.84 2.19 0.00	59.93 2.58 0.00	67.12 3.01 0.00	70.57 3.23 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.38 4.06 0.00	78.07 3.29 0.00	64.51 3.19 0.00	50.13 2.07 0.00	42.94 1.45 0.00	38.62 1.20 0.00
COXSACKIE___GT 23611	33.75 2.12 0.00	31.52 1.90 0.00	28.77 1.83 0.00	27.68 1.69 0.00	27.34 1.65 0.00	28.25 1.55 0.00	32.01 1.64 0.00	35.68 2.28 0.10	38.19 2.24 0.18	39.73 2.41 0.23	44.97 3.10 0.01	45.88 2.68 0.00	53.04 3.38 0.00	60.50 3.15 0.00	67.89 3.78 0.00	71.51 4.18 0.00	92.70 6.50 0.36	101.53 6.90 0.00	95.12 6.80 0.00	80.54 5.76 0.00	66.48 5.15 0.00	52.34 4.28 0.00	45.18 3.69 0.00	40.23 2.81 0.00

CPV_VALLEY___CC1 323721	32.36 0.73 0.00	30.18 0.56 0.00	27.64 0.70 0.00	26.62 0.62 0.00	26.26 0.56 0.00	27.32 0.61 0.00	30.98 0.61 0.00	34.57 0.94 -0.13	37.49 1.12 -0.24	39.15 1.28 -0.32	43.87 1.97 -0.02	45.10 1.90 0.00	51.79 2.13 0.00	59.30 1.95 0.00	66.35 2.24 0.00	70.03 2.70 0.00	90.70 3.64 -0.49	98.22 3.60 0.00	92.03 3.71 0.00	77.62 2.84 0.00	63.23 1.90 0.00	49.93 1.87 0.00	43.48 1.99 0.00	38.47 1.05 0.00
CPV_VALLEY___CC2 323722	32.36 0.73 0.00	30.18 0.56 0.00	27.64 0.70 0.00	26.62 0.62 0.00	26.26 0.56 0.00	27.32 0.61 0.00	30.98 0.61 0.00	34.57 0.94 -0.13	37.49 1.12 -0.24	39.15 1.28 -0.32	43.87 1.97 -0.02	45.10 1.90 0.00	51.79 2.13 0.00	59.30 1.95 0.00	66.35 2.24 0.00	70.03 2.70 0.00	90.70 3.64 -0.49	98.22 3.60 0.00	92.03 3.71 0.00	77.62 2.84 0.00	63.23 1.90 0.00	49.93 1.87 0.00	43.48 1.99 0.00	38.47 1.05 0.00
CRESCENT___HYD 24018	32.45 0.82 0.00	30.36 0.74 0.00	27.80 0.86 0.00	26.75 0.75 0.00	26.42 0.72 0.00	27.43 0.72 0.00	31.13 0.76 0.00	34.19 0.97 0.29	36.73 1.12 0.52	38.14 1.28 0.69	43.73 1.89 0.04	45.14 1.95 0.00	51.75 2.09 0.00	59.30 1.95 0.00	66.55 2.44 0.00	70.03 2.70 0.00	88.79 3.29 1.07	98.42 3.79 0.00	92.39 4.06 0.00	78.07 3.29 0.00	64.15 2.82 0.00	50.42 2.35 0.00	43.60 2.11 0.00	38.84 1.42 0.00
CRICKET___VALLEY_CC1 323756	32.32 0.69 0.00	30.18 0.56 0.00	27.72 0.78 0.00	26.64 0.65 0.00	26.29 0.59 0.00	27.35 0.64 0.00	30.95 0.58 0.00	31.58 0.90 2.83	32.04 1.08 5.17	31.96 1.24 6.83	43.50 1.97 0.36	45.14 1.95 0.00	51.70 2.04 0.00	59.06 1.72 0.00	66.22 2.11 0.00	69.96 2.62 0.00	79.33 3.37 10.61	97.94 3.31 0.00	91.94 3.62 0.00	77.62 2.84 0.00	63.29 1.96 0.00	49.99 1.92 0.00	43.52 2.03 0.00	38.51 1.09 0.00
CRICKET___VALLEY_CC2 323757	32.32 0.69 0.00	30.18 0.56 0.00	27.72 0.78 0.00	26.64 0.65 0.00	26.29 0.59 0.00	27.35 0.64 0.00	30.95 0.58 0.00	31.58 0.90 2.83	32.04 1.08 5.17	31.96 1.24 6.83	43.50 1.97 0.36	45.14 1.95 0.00	51.70 2.04 0.00	59.06 1.72 0.00	66.22 2.11 0.00	69.96 2.62 0.00	79.33 3.37 10.61	97.94 3.31 0.00	91.94 3.62 0.00	77.62 2.84 0.00	63.29 1.96 0.00	49.99 1.92 0.00	43.52 2.03 0.00	38.51 1.09 0.00
CRICKET___VALLEY_CC3 323758	32.32 0.69 0.00	30.18 0.56 0.00	27.72 0.78 0.00	26.64 0.65 0.00	26.29 0.59 0.00	27.35 0.64 0.00	30.95 0.58 0.00	31.58 0.90 2.83	32.04 1.08 5.17	31.96 1.24 6.83	43.50 1.97 0.36	45.14 1.95 0.00	51.70 2.04 0.00	59.06 1.72 0.00	66.22 2.11 0.00	69.96 2.62 0.00	79.33 3.37 10.61	97.94 3.31 0.00	91.94 3.62 0.00	77.62 2.84 0.00	63.29 1.96 0.00	49.99 1.92 0.00	43.52 2.03 0.00	38.51 1.09 0.00
CRUCIBLE_METL_DRP 24180	32.01 0.38 0.00	29.94 0.33 0.00	27.10 0.16 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.97 0.27 0.00	30.80 0.43 0.00	33.90 0.40 0.00	36.53 0.40 0.00	38.12 0.56 0.00	42.76 0.88 0.00	44.06 0.86 0.00	50.70 1.04 0.00	58.61 1.26 0.00	65.58 1.47 0.00	68.95 1.62 0.00	88.13 1.56 0.00	96.33 1.70 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.72 0.00	49.12 1.06 0.00	42.36 0.87 0.00	38.10 0.67 0.00
DAHOWA___HYDRO 323763	33.12 1.49 0.00	30.92 1.30 0.00	28.26 1.32 0.00	27.22 1.22 0.00	26.91 1.21 0.00	28.01 1.31 0.00	31.83 1.46 0.00	34.90 1.64 0.24	37.53 1.84 0.44	39.08 2.10 0.58	44.70 2.85 0.03	46.22 3.02 0.00	53.13 3.48 0.00	61.13 3.78 0.00	68.27 4.16 0.00	71.65 4.31 0.00	91.22 5.55 0.90	101.07 6.44 0.00	95.12 6.80 0.00	80.46 5.68 0.00	66.35 5.03 0.00	51.95 3.89 0.00	44.81 3.32 0.00	39.89 2.47 0.00
DANC___LFGE 323619	32.01 0.38 0.00	29.91 0.30 0.00	26.99 0.05 0.00	26.07 0.08 0.00	25.80 0.10 0.00	26.89 0.19 0.00	30.74 0.37 0.00	33.87 0.37 0.00	36.42 0.29 0.00	37.85 0.30 0.00	42.34 0.46 0.00	43.85 0.65 0.00	50.65 0.99 0.00	58.72 1.37 0.00	65.65 1.54 0.00	67.87 0.54 0.00	87.18 0.61 0.00	95.67 1.04 0.00	89.73 1.41 0.00	75.83 1.05 0.00	62.61 1.29 0.00	48.59 0.53 0.00	41.70 0.21 0.00	37.57 0.15 0.00
DANSKAMMER___1 23586	33.09 1.46 0.00	30.83 1.21 0.00	28.23 1.29 0.00	27.16 1.17 0.00	26.78 1.08 0.00	27.83 1.12 0.00	31.53 1.15 0.00	35.48 1.84 -0.14	38.37 1.99 -0.25	40.14 2.25 -0.34	45.17 3.27 -0.02	46.48 3.28 0.00	53.48 3.82 0.00	61.19 3.84 0.00	68.27 4.16 0.00	72.18 4.85 0.00	93.85 6.76 -0.52	101.45 6.82 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.62 3.56 0.00	44.85 3.36 0.00	39.59 2.17 0.00
DANSKAMMER___2 23589	33.09 1.46 0.00	30.83 1.21 0.00	28.23 1.29 0.00	27.16 1.17 0.00	26.78 1.08 0.00	27.83 1.12 0.00	31.53 1.15 0.00	35.48 1.84 -0.14	38.37 1.99 -0.25	40.14 2.25 -0.34	45.17 3.27 -0.02	46.48 3.28 0.00	53.48 3.82 0.00	61.19 3.84 0.00	68.27 4.16 0.00	72.18 4.85 0.00	93.85 6.76 -0.52	101.45 6.82 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.62 3.56 0.00	44.85 3.36 0.00	39.59 2.17 0.00
DANSKAMMER___3 23590	33.09 1.46 0.00	30.83 1.21 0.00	28.23 1.29 0.00	27.16 1.17 0.00	26.78 1.08 0.00	27.83 1.12 0.00	31.53 1.15 0.00	35.48 1.84 -0.14	38.37 1.99 -0.25	40.14 2.25 -0.34	45.17 3.27 -0.02	46.48 3.28 0.00	53.48 3.82 0.00	61.19 3.84 0.00	68.27 4.16 0.00	72.18 4.85 0.00	93.85 6.76 -0.52	101.45 6.82 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.62 3.56 0.00	44.85 3.36 0.00	39.59 2.17 0.00
DANSKAMMER___4 23591	33.09 1.46 0.00	30.83 1.21 0.00	28.23 1.29 0.00	27.16 1.17 0.00	26.78 1.08 0.00	27.83 1.12 0.00	31.53 1.15 0.00	35.48 1.84 -0.14	38.37 1.99 -0.25	40.14 2.25 -0.34	45.17 3.27 -0.02	46.48 3.28 0.00	53.48 3.82 0.00	61.19 3.84 0.00	68.27 4.16 0.00	72.18 4.85 0.00	93.85 6.76 -0.52	101.45 6.82 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.62 3.56 0.00	44.85 3.36 0.00	39.59 2.17 0.00
DANSKAMMER___DIESEL 23592	33.18 1.55 0.00	30.98 1.36 0.00	28.34 1.40 0.00	27.48 1.48 0.00	27.11 1.41 0.00	27.91 1.20 0.00	31.56 1.18 0.00	35.52 1.88 -0.14	38.41 2.02 -0.25	40.14 2.25 -0.34	44.96 3.06 -0.02	46.52 3.33 0.00	53.53 3.87 0.00	61.25 3.90 0.00	68.66 4.55 0.00	72.18 4.85 0.00	93.76 6.67 -0.52	101.44 6.81 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.67 3.60 0.00	44.81 3.32 0.00	39.59 2.17 0.00
DARBY___SOLAR 323810	32.99 1.36 0.00	30.83 1.21 0.00	28.18 1.24 0.00	27.14 1.14 0.00	26.83 1.13 0.00	27.91 1.20 0.00	31.68 1.31 0.00	34.79 1.54 0.25	37.41 1.73 0.45	38.91 1.95 0.60	44.53 2.68 0.03	46.05 2.85 0.00	52.94 3.28 0.00	60.84 3.50 0.00	67.96 3.85 0.00	71.37 4.04 0.00	90.84 5.19 0.93	100.59 5.97 0.00	94.59 6.27 0.00	79.94 5.16 0.00	65.92 4.60 0.00	51.67 3.61 0.00	44.56 3.07 0.00	39.71 2.28 0.00

DASHVILLE___HYD 23610	32.70 1.08 0.00	30.54 0.92 0.00	27.99 1.05 0.00	27.16 1.17 0.00	26.80 1.11 0.00	27.51 0.80 0.00	31.04 0.67 0.00	34.97 1.41 -0.06	37.76 1.52 -0.12	39.44 1.73 -0.15	44.15 2.26 -0.01	45.36 2.16 0.00	52.19 2.53 0.00	59.58 2.24 0.00	66.87 2.76 0.00	70.30 2.96 0.00	92.09 5.28 -0.24	98.79 4.16 0.00	92.47 4.15 0.00	78.07 3.29 0.00	63.53 2.21 0.00	50.32 2.26 0.00	43.73 2.24 0.00	38.66 1.23 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.30 3.95 -1.72	33.20 3.58 0.00	30.06 3.12 0.00	28.85 2.86 0.00	28.58 2.88 0.00	29.62 2.91 0.00	33.99 3.61 0.00	38.01 4.32 -0.19	41.06 4.59 -0.34	41.99 3.98 -0.46	52.56 5.07 -5.61	57.65 5.83 -8.62	70.96 6.41 -14.90	138.84 7.40 -74.10	237.19 8.72 -164.36	346.16 10.37 -268.46	318.14 11.69 -219.88	303.28 12.30 -196.35	300.88 11.84 -200.73	285.36 10.02 -200.55	192.39 7.67 -123.40	156.86 6.30 -102.50	54.45 5.77 -7.19	49.61 4.90 -7.29
DELAWARE___LFGE 323621	32.83 1.20 0.00	30.71 1.10 0.00	27.99 1.05 0.00	27.03 1.04 0.00	26.73 1.03 0.00	27.75 1.04 0.00	31.56 1.18 0.00	34.84 1.34 0.00	37.58 1.45 0.00	39.13 1.58 0.00	43.98 2.09 0.00	45.49 2.29 0.00	52.44 2.78 0.00	60.21 2.87 0.00	67.44 3.33 0.00	70.77 3.43 0.00	90.81 4.24 0.00	99.27 4.64 0.00	93.00 4.68 0.00	78.60 3.81 0.00	64.76 3.43 0.00	50.66 2.60 0.00	43.60 2.12 0.00	38.96 1.53 0.00
DERFIELD_115KV_TB7 355931	31.72 0.09 0.00	29.71 0.09 0.00	27.05 0.11 0.00	26.10 0.10 0.00	25.80 0.10 0.00	26.79 0.08 0.00	30.47 0.09 0.00	33.63 0.13 0.00	36.28 0.14 0.00	37.74 0.19 0.00	42.18 0.29 0.00	43.54 0.35 0.00	50.06 0.40 0.00	57.69 0.34 0.00	64.56 0.45 0.00	67.74 0.40 0.00	87.09 0.52 0.00	95.20 0.57 0.00	88.94 0.62 0.00	75.23 0.45 0.00	61.81 0.49 0.00	48.45 0.38 0.00	41.78 0.29 0.00	37.61 0.19 0.00
DOGLEVILLE___HYD 23807	31.12 -0.51 0.00	29.14 -0.48 0.00	26.51 -0.43 0.00	25.55 -0.44 0.00	25.26 -0.44 0.00	26.28 -0.43 0.00	29.89 -0.49 0.00	33.00 -0.50 0.00	35.62 -0.51 0.00	37.07 -0.49 0.00	41.46 -0.42 0.00	42.76 -0.43 0.00	49.11 -0.55 0.00	56.60 -0.75 0.00	63.21 -0.90 0.00	66.25 -1.08 0.00	85.28 -1.30 0.00	93.21 -1.42 0.00	87.08 -1.24 0.00	73.58 -1.20 0.00	60.59 -0.73 0.00	47.49 -0.57 0.00	41.07 -0.41 0.00	36.98 -0.45 0.00
DUNKIRK___115KV_TB_200 55889	32.52 0.89 0.00	30.54 0.92 0.00	27.05 0.11 0.00	25.66 -0.34 0.00	25.42 -0.28 0.00	27.29 0.59 0.00	31.89 1.52 0.00	34.37 0.87 0.00	37.00 0.87 0.00	38.83 1.28 0.00	43.94 2.05 0.00	46.18 2.98 0.00	53.33 3.67 0.00	62.11 4.76 0.00	69.11 5.00 0.00	73.33 5.99 0.00	91.85 5.28 0.00	100.59 5.96 0.00	93.71 5.39 0.00	78.97 4.19 0.00	65.86 4.54 0.00	50.18 2.11 0.00	42.48 1.00 0.00	38.62 1.20 0.00
DUNKIRK___1 23563	32.52 0.89 0.00	30.54 0.92 0.00	27.05 0.11 0.00	25.66 -0.34 0.00	25.42 -0.28 0.00	27.29 0.59 0.00	31.89 1.52 0.00	34.37 0.87 0.00	37.00 0.87 0.00	38.83 1.28 0.00	43.94 2.05 0.00	46.18 2.98 0.00	53.33 3.67 0.00	62.11 4.76 0.00	69.11 5.00 0.00	73.33 5.99 0.00	91.85 5.28 0.00	100.59 5.96 0.00	93.71 5.39 0.00	78.97 4.19 0.00	65.86 4.54 0.00	50.18 2.11 0.00	42.48 1.00 0.00	38.62 1.20 0.00
DUNKIRK___2 23564	32.52 0.89 0.00	30.54 0.92 0.00	27.05 0.11 0.00	25.66 -0.34 0.00	25.42 -0.28 0.00	27.29 0.59 0.00	31.89 1.52 0.00	34.37 0.87 0.00	37.00 0.87 0.00	38.83 1.28 0.00	43.94 2.05 0.00	46.18 2.98 0.00	53.33 3.67 0.00	62.11 4.76 0.00	69.11 5.00 0.00	73.33 5.99 0.00	91.85 5.28 0.00	100.59 5.96 0.00	93.71 5.39 0.00	78.97 4.19 0.00	65.86 4.54 0.00	50.18 2.11 0.00	42.48 1.00 0.00	38.62 1.20 0.00
DUNKIRK___3 23565	32.36 0.73 0.00	30.36 0.74 0.00	26.91 -0.03 0.00	25.53 -0.47 0.00	25.26 -0.44 0.00	27.11 0.40 0.00	31.65 1.28 0.00	34.10 0.60 0.00	36.67 0.54 0.00	38.49 0.94 0.00	43.56 1.68 0.00	45.75 2.55 0.00	52.79 3.13 0.00	61.47 4.13 0.00	68.41 4.30 0.00	72.59 5.25 0.00	90.99 4.42 0.00	99.64 5.02 0.00	92.74 4.42 0.00	78.22 3.44 0.00	65.25 3.92 0.00	49.74 1.68 0.00	42.15 0.66 0.00	38.36 0.94 0.00
DUNKIRK___4 23566	32.36 0.73 0.00	30.36 0.74 0.00	26.91 -0.03 0.00	25.53 -0.47 0.00	25.26 -0.44 0.00	27.11 0.40 0.00	31.65 1.28 0.00	34.10 0.60 0.00	36.67 0.54 0.00	38.49 0.94 0.00	43.56 1.68 0.00	45.75 2.55 0.00	52.79 3.13 0.00	61.47 4.13 0.00	68.41 4.30 0.00	72.59 5.25 0.00	90.99 4.42 0.00	99.64 5.02 0.00	92.74 4.42 0.00	78.22 3.44 0.00	65.25 3.92 0.00	49.74 1.68 0.00	42.15 0.66 0.00	38.36 0.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.15 1.52 0.00	30.92 1.30 0.00	28.26 1.32 0.00	27.42 1.43 0.00	27.09 1.39 0.00	27.93 1.23 0.00	31.68 1.31 0.00	35.53 1.84 -0.19	38.57 2.10 -0.34	40.30 2.29 -0.45	44.92 3.02 -0.02	46.39 3.20 0.00	53.19 3.53 0.00	60.73 3.38 0.00	68.08 3.97 0.00	71.78 4.44 0.00	93.25 5.97 -0.70	100.59 5.96 0.00	94.33 6.01 0.00	79.49 4.71 0.00	64.39 3.07 0.00	51.09 3.03 0.00	44.56 3.07 0.00	39.29 1.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.89 1.27 0.00	30.71 1.10 0.00	28.10 1.16 0.00	27.24 1.25 0.00	26.88 1.18 0.00	27.72 1.01 0.00	31.35 0.97 0.00	34.95 1.31 -0.14	37.83 1.45 -0.25	39.51 1.61 -0.34	44.12 2.22 -0.02	45.57 2.38 0.00	52.34 2.68 0.00	59.93 2.58 0.00	67.19 3.08 0.00	70.70 3.37 0.00	91.77 4.67 -0.52	99.27 4.64 0.00	93.00 4.68 0.00	78.45 3.66 0.00	63.90 2.58 0.00	50.51 2.45 0.00	43.89 2.41 0.00	38.81 1.38 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.50 1.87 -0.01	31.20 1.57 -0.01	28.51 1.56 -0.01	27.67 1.66 -0.01	27.33 1.62 -0.01	28.16 1.44 -0.01	31.93 1.55 -0.01	35.76 2.08 -0.19	38.60 2.13 -0.34	40.45 2.44 -0.45	44.96 3.06 -0.02	46.18 2.98 0.00	52.83 3.18 0.01	60.38 3.04 0.01	67.56 3.46 0.01	71.30 3.97 0.01	92.73 5.45 -0.71	99.92 5.30 0.01	93.72 5.39 -0.01	79.05 4.26 -0.01	63.77 2.45 0.01	50.81 2.74 -0.01	44.77 3.28 -0.01	39.41 1.98 -0.01
E179THST_13_KV_LOAD 356214	33.69 2.06 -0.01	31.34 1.72 -0.01	28.62 1.67 -0.01	27.80 1.79 -0.01	27.45 1.75 -0.01	28.29 1.58 -0.01	32.11 1.73 -0.01	35.96 2.28 -0.19	38.82 2.35 -0.34	40.67 2.67 -0.45	45.26 3.35 -0.02	46.48 3.28 0.00	53.23 3.58 0.01	60.78 3.44 0.01	68.08 3.97 0.01	71.84 4.51 0.01	93.43 6.15 -0.71	100.68 6.06 0.01	94.51 6.18 -0.01	79.65 4.86 -0.01	64.20 2.88 0.01	51.15 3.08 -0.01	45.06 3.57 -0.01	39.64 2.21 -0.01
EAST HAMPTON___GT 23717	37.68 4.33 -1.72	33.09 3.46 -0.01	30.25 3.31 0.00	28.88 2.89 0.00	28.45 2.75 0.00	29.75 3.04 0.00	34.35 3.98 0.00	38.38 4.69 -0.19	41.42 4.95 -0.34	42.63 4.62 -0.46	53.69 6.20 -5.61	58.51 6.70 -8.62	72.01 7.45 -14.90	140.06 8.60 -74.12	239.30 10.19 -164.99	348.43 11.99 -269.11	319.57 13.07 -219.92	304.65 13.63 -196.39	303.66 14.57 -200.77	287.87 11.89 -201.19	194.61 9.26 -124.03	157.65 7.07 -102.52	55.36 6.68 -7.20	50.29 5.58 -7.29

EAST RIVER___6 23660	33.27 1.64 0.00	30.86 1.24 0.00	28.20 1.27 0.00	27.03 1.04 0.00	26.67 0.98 0.00	27.85 1.15 0.00	31.71 1.33 0.00	35.70 2.01 -0.19	38.82 2.35 -0.34	40.60 2.59 -0.45	45.51 3.60 -0.02	46.61 3.41 0.00	53.48 3.82 0.00	61.02 3.67 0.00	68.22 4.11 0.00	72.18 4.85 0.00	93.77 6.50 -0.70	101.07 6.44 0.00	94.86 6.54 0.00	79.94 5.16 0.00	64.33 3.00 0.00	51.23 3.17 0.00	45.01 3.52 0.00	39.44 2.02 0.00
EAST RIVER___7 23524	33.27 1.64 0.00	30.86 1.24 0.00	28.20 1.27 0.00	27.03 1.04 0.00	26.67 0.98 0.00	27.85 1.15 0.00	31.71 1.33 0.00	35.70 2.01 -0.19	38.82 2.35 -0.34	40.60 2.59 -0.45	45.51 3.60 -0.02	46.61 3.41 0.00	53.48 3.82 0.00	61.02 3.67 0.00	68.22 4.11 0.00	72.18 4.85 0.00	93.77 6.50 -0.70	101.07 6.44 0.00	94.86 6.54 0.00	79.94 5.16 0.00	64.33 3.00 0.00	51.23 3.17 0.00	45.01 3.52 0.00	39.44 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.05 1.42 0.00	30.83 1.21 0.00	28.20 1.27 0.00	27.35 1.35 0.00	27.01 1.31 0.00	27.88 1.18 0.00	31.59 1.21 0.00	35.43 1.74 -0.19	38.46 1.99 -0.34	40.18 2.18 -0.45	44.75 2.85 -0.02	46.22 3.02 0.00	53.04 3.38 0.00	60.56 3.21 0.00	67.89 3.78 0.00	71.64 4.31 0.00	92.98 5.71 -0.70	100.31 5.68 0.00	94.06 5.74 0.00	79.27 4.49 0.00	64.27 2.94 0.00	50.95 2.88 0.00	44.43 2.95 0.00	39.22 1.80 0.00
EAST_HAMPTON___DIESEL 23722	37.68 4.33 -1.72	33.09 3.46 -0.01	30.28 3.34 0.00	28.90 2.91 0.00	28.45 2.75 0.00	29.75 3.04 0.00	34.35 3.98 0.00	38.41 4.72 -0.19	41.42 4.95 -0.34	42.63 4.62 -0.46	53.69 6.20 -5.61	58.51 6.70 -8.62	72.01 7.45 -14.90	140.12 8.66 -74.11	239.27 10.19 -164.97	348.40 11.99 -269.09	319.57 13.07 -219.92	304.73 13.72 -196.39	303.66 14.57 -200.77	287.91 11.96 -201.16	194.64 9.32 -124.00	157.65 7.07 -102.52	55.36 6.68 -7.20	50.29 5.58 -7.29
EAST_PULASKI___ESR 323781	31.76 0.13 0.00	29.71 0.09 0.00	26.86 -0.08 0.00	25.84 -0.16 0.00	25.60 -0.10 0.00	26.73 0.03 0.00	30.59 0.21 0.00	33.67 0.17 0.00	36.28 0.14 0.00	37.78 0.23 0.00	42.34 0.46 0.00	43.80 0.60 0.00	50.26 0.60 0.00	58.15 0.80 0.00	64.94 0.83 0.00	68.14 0.81 0.00	87.26 0.69 0.00	95.58 0.95 0.00	89.47 1.15 0.00	75.68 0.90 0.00	62.49 1.17 0.00	48.64 0.58 0.00	41.99 0.50 0.00	37.76 0.34 0.00
EAST_RIVER___1 323558	33.18 1.55 0.00	30.83 1.21 0.00	28.18 1.24 0.00	27.06 1.07 0.00	26.70 1.00 0.00	27.85 1.15 0.00	31.71 1.33 0.00	35.60 1.91 -0.19	38.71 2.24 -0.34	40.48 2.48 -0.45	45.34 3.44 -0.02	46.44 3.24 0.00	53.28 3.62 0.00	60.79 3.44 0.00	67.89 3.78 0.00	71.85 4.51 0.00	93.33 6.06 -0.70	100.69 6.06 0.00	94.41 6.09 0.00	79.57 4.79 0.00	64.21 2.88 0.00	51.04 2.98 0.00	44.81 3.32 0.00	39.29 1.87 0.00
EAST_RIVER___2 323559	33.27 1.64 0.00	30.86 1.24 0.00	28.20 1.27 0.00	27.03 1.04 0.00	26.67 0.98 0.00	27.85 1.15 0.00	31.71 1.33 0.00	35.70 2.01 -0.19	38.82 2.35 -0.34	40.60 2.59 -0.45	45.51 3.60 -0.02	46.61 3.41 0.00	53.48 3.82 0.00	61.02 3.67 0.00	68.22 4.11 0.00	72.18 4.85 0.00	93.77 6.50 -0.70	101.07 6.44 0.00	94.86 6.54 0.00	79.94 5.16 0.00	64.33 3.00 0.00	51.23 3.17 0.00	45.01 3.52 0.00	39.44 2.02 0.00
EAST___DELAWARE_HYD 23607	32.67 1.04 0.00	30.45 0.83 0.00	27.83 0.89 0.00	26.80 0.81 0.00	26.44 0.75 0.00	27.45 0.75 0.00	31.16 0.79 0.00	34.76 1.17 -0.09	37.52 1.23 -0.16	39.20 1.43 -0.22	44.03 2.13 -0.01	45.36 2.16 0.00	51.15 1.49 0.00	58.55 1.21 0.00	65.32 1.22 0.00	69.02 1.68 0.00	89.76 2.85 -0.34	97.27 2.65 0.00	91.06 2.74 0.00	76.80 2.02 0.00	64.09 2.76 0.00	50.51 2.45 0.00	43.85 2.36 0.00	38.73 1.31 0.00
EIGHT_POINT___WT_PWR 323820	32.86 1.23 0.00	30.74 1.13 0.00	27.37 0.43 0.00	26.72 0.73 0.00	26.57 0.87 0.00	27.67 0.96 0.00	31.77 1.40 0.00	34.81 1.31 0.00	37.47 1.34 0.00	39.21 1.65 0.00	44.40 2.51 0.00	46.39 3.20 0.00	53.63 3.97 0.00	62.10 4.76 0.00	69.88 5.77 0.00	73.52 6.19 0.00	92.54 5.97 0.00	101.45 6.82 0.00	94.68 6.36 0.00	80.02 5.23 0.00	66.60 5.27 0.00	51.23 3.17 0.00	43.73 2.24 0.00	39.37 1.94 0.00
ELBRIDGE_115KV_TB2 80188	31.91 0.28 0.00	29.86 0.24 0.00	27.02 0.08 0.00	25.97 -0.03 0.00	25.72 0.03 0.00	26.89 0.19 0.00	30.74 0.36 0.00	33.84 0.34 0.00	36.46 0.33 0.00	38.01 0.45 0.00	42.59 0.71 0.00	44.15 0.95 0.00	50.85 1.19 0.00	58.72 1.38 0.00	65.71 1.60 0.00	69.08 1.75 0.00	88.30 1.73 0.00	96.52 1.89 0.00	90.35 2.03 0.00	76.43 1.65 0.00	63.10 1.78 0.00	49.17 1.11 0.00	42.24 0.75 0.00	37.98 0.56 0.00
ELEC_TRO_TEK 24086	35.34 1.99 -1.72	31.40 1.78 0.00	28.53 1.59 0.00	27.55 1.56 0.00	27.27 1.57 0.00	28.17 1.47 0.00	32.14 1.76 0.00	35.93 2.24 -0.19	38.82 2.35 -0.34	40.11 2.10 -0.45	44.46 2.55 -0.02	46.22 3.02 0.00	52.84 3.18 0.00	60.79 3.44 0.00	68.08 3.97 0.00	72.47 5.12 -0.02	93.42 6.15 -0.70	100.87 6.25 0.00	94.50 6.18 0.00	79.42 4.64 0.00	64.63 3.31 0.00	51.14 3.08 0.00	44.64 3.15 0.00	40.08 2.36 -0.30
ELLENBURG_WT_PWR 323604	31.03 -0.60 0.00	29.41 -0.21 0.00	26.64 -0.30 0.00	25.68 -0.31 0.00	25.39 -0.31 0.00	26.44 -0.27 0.00	30.10 -0.27 0.00	32.76 -0.74 0.00	35.26 -0.87 0.00	36.50 -1.05 0.00	40.13 -1.76 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.34 -2.01 0.00	61.67 -2.44 0.00	64.51 -2.83 0.00	83.11 -3.47 0.00	91.03 -3.60 0.00	84.53 -3.80 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	46.00 -2.07 0.00	39.46 -2.03 0.00	36.30 -1.12 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.01 0.38 0.00	30.00 0.39 0.00	26.53 -0.40 0.00	25.16 -0.83 0.00	24.90 -0.80 0.00	26.73 0.03 0.00	31.22 0.85 0.00	33.53 0.03 0.00	36.06 -0.07 0.00	37.82 0.26 0.00	42.72 0.84 0.00	44.84 1.64 0.00	51.65 1.99 0.00	60.10 2.75 0.00	66.87 2.76 0.00	70.90 3.57 0.00	88.74 2.16 0.00	97.28 2.65 0.00	90.62 2.30 0.00	76.50 1.72 0.00	63.90 2.58 0.00	48.78 0.72 0.00	41.45 -0.04 0.00	37.76 0.34 0.00
EMPIRE_CC_1 323656	31.85 0.22 0.00	29.80 0.18 0.00	27.31 0.38 0.00	26.31 0.31 0.00	25.96 0.26 0.00	26.95 0.24 0.00	30.56 0.18 0.00	33.46 0.33 0.37	35.88 0.44 0.68	37.25 0.60 0.90	42.97 1.13 0.05	44.23 1.04 0.00	50.60 0.94 0.00	57.92 0.57 0.00	65.01 0.90 0.00	68.48 1.14 0.00	86.56 1.38 1.40	96.05 1.42 0.00	90.18 1.86 0.00	76.20 1.42 0.00	62.49 1.16 0.00	49.26 1.20 0.00	42.73 1.24 0.00	38.06 0.64 0.00
EMPIRE_CC_2 323658	31.85 0.22 0.00	29.80 0.18 0.00	27.31 0.38 0.00	26.31 0.31 0.00	25.96 0.26 0.00	26.95 0.24 0.00	30.56 0.18 0.00	33.46 0.33 0.37	35.88 0.44 0.68	37.25 0.60 0.90	42.97 1.13 0.05	44.23 1.04 0.00	50.60 0.94 0.00	57.92 0.57 0.00	65.01 0.90 0.00	68.48 1.14 0.00	86.56 1.38 1.40	96.05 1.42 0.00	90.18 1.86 0.00	76.20 1.42 0.00	62.49 1.16 0.00	49.26 1.20 0.00	42.73 1.24 0.00	38.06 0.64 0.00

ENORWICH_115KV_TB1 80156	34.76 3.13 0.00	32.40 2.78 0.00	29.09 2.16 0.00	27.97 1.98 0.00	27.68 1.98 0.00	29.14 2.43 0.00	33.53 3.16 0.00	36.95 3.45 0.00	39.67 3.54 0.00	41.24 3.68 0.00	46.41 4.52 0.00	48.16 4.97 0.00	55.97 6.31 0.00	64.92 7.57 0.00	72.57 8.46 0.00	76.15 8.82 0.00	97.65 11.08 0.00	107.40 12.77 0.00	101.30 12.98 0.00	85.33 10.54 0.00	71.01 9.69 0.00	54.69 6.63 0.00	46.38 4.90 0.00	41.61 4.19 0.00
ERIE_ST__34_KV_TB1-2 80199	32.39 0.76 0.00	30.36 0.74 0.00	26.88 -0.05 0.00	25.50 -0.49 0.00	25.21 -0.49 0.00	27.08 0.37 0.00	31.65 1.28 0.00	34.04 0.54 0.00	36.64 0.51 0.00	38.42 0.86 0.00	43.47 1.59 0.00	45.66 2.46 0.00	52.69 3.03 0.00	61.36 4.01 0.00	68.28 4.17 0.00	72.52 5.18 0.00	90.81 4.24 0.00	99.55 4.92 0.00	92.65 4.33 0.00	78.15 3.37 0.00	65.19 3.86 0.00	49.70 1.63 0.00	42.07 0.58 0.00	38.36 0.94 0.00
ERIE_WT_PWR 323693	32.29 0.67 0.00	30.24 0.62 0.00	26.70 -0.24 0.00	26.18 0.18 0.00	26.01 0.31 0.00	26.92 0.21 0.00	30.95 0.58 0.00	33.80 0.30 0.00	36.46 0.32 0.00	38.12 0.56 0.00	43.10 1.22 0.00	45.27 2.07 0.00	52.14 2.48 0.00	60.67 3.32 0.00	68.22 4.11 0.00	71.65 4.31 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.50 3.17 0.00	77.33 2.54 0.00	64.51 3.19 0.00	49.36 1.30 0.00	42.27 0.79 0.00	38.28 0.86 0.00
ESPRGFLD_115KV_TB1 80157	34.35 2.72 0.00	32.11 2.49 0.00	29.12 2.18 0.00	28.10 2.11 0.00	27.81 2.11 0.00	29.03 2.32 0.00	33.14 2.76 0.00	36.45 3.05 0.10	39.24 3.29 0.18	40.77 3.46 0.24	46.02 4.15 0.01	47.73 4.54 0.00	55.07 5.41 0.00	63.42 6.08 0.00	71.16 7.05 0.00	74.67 7.34 0.00	95.64 9.44 0.37	105.32 10.69 0.00	98.83 10.51 0.00	83.38 8.60 0.00	69.11 7.79 0.00	53.59 5.53 0.00	45.76 4.27 0.00	40.87 3.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.74 1.11 0.00	30.60 0.98 0.00	27.67 0.73 0.00	26.57 0.57 0.00	26.31 0.62 0.00	27.59 0.88 0.00	31.59 1.21 0.00	34.74 1.24 0.00	37.40 1.26 0.00	38.98 1.43 0.00	43.77 1.88 0.00	45.44 2.25 0.00	52.44 2.78 0.00	60.61 3.27 0.00	67.89 3.78 0.00	71.44 4.11 0.00	91.33 4.76 0.00	100.02 5.39 0.00	93.71 5.39 0.00	79.19 4.41 0.00	65.55 4.23 0.00	50.85 2.79 0.00	43.48 1.99 0.00	39.07 1.65 0.00
ETNA____115KV_TB2 80207	32.74 1.11 0.00	30.60 0.98 0.00	27.67 0.73 0.00	26.57 0.57 0.00	26.31 0.62 0.00	27.59 0.88 0.00	31.59 1.21 0.00	34.74 1.24 0.00	37.40 1.26 0.00	38.98 1.43 0.00	43.77 1.88 0.00	45.44 2.25 0.00	52.44 2.78 0.00	60.61 3.27 0.00	67.89 3.78 0.00	71.44 4.11 0.00	91.33 4.76 0.00	100.02 5.39 0.00	93.71 5.39 0.00	79.19 4.41 0.00	65.55 4.23 0.00	50.85 2.79 0.00	43.48 1.99 0.00	39.07 1.65 0.00
EUCLID____115KV_TB2 356179	31.60 -0.03 0.00	29.59 -0.03 0.00	26.78 -0.16 0.00	25.76 -0.23 0.00	25.49 -0.21 0.00	26.63 -0.08 0.00	30.43 0.06 0.00	33.47 -0.03 0.00	36.06 -0.07 0.00	37.59 0.04 0.00	42.13 0.25 0.00	43.63 0.43 0.00	50.26 0.60 0.00	58.03 0.69 0.00	64.94 0.83 0.00	68.28 0.94 0.00	87.26 0.69 0.00	95.48 0.85 0.00	89.20 0.88 0.00	75.46 0.67 0.00	62.30 0.98 0.00	48.54 0.48 0.00	41.70 0.21 0.00	37.54 0.11 0.00
E_CANADA_CAP_HY 24051	34.89 3.26 0.00	32.55 2.93 0.00	29.58 2.64 0.00	28.54 2.55 0.00	28.27 2.57 0.00	29.48 2.78 0.00	33.63 3.25 0.00	37.02 3.65 0.14	39.86 3.97 0.25	41.40 4.17 0.33	46.93 5.07 0.02	48.51 5.31 0.00	55.67 6.01 0.00	64.22 6.88 0.00	72.32 8.21 0.00	75.89 8.55 0.00	97.24 11.17 0.51	107.50 12.87 0.00	100.78 12.46 0.00	85.17 10.39 0.00	70.83 9.51 0.00	54.88 6.82 0.00	46.92 5.43 0.00	41.73 4.30 0.00
E_CANADA_MHWK_HY 24050	31.12 -0.51 0.00	29.14 -0.48 0.00	26.51 -0.43 0.00	25.55 -0.44 0.00	25.26 -0.44 0.00	26.28 -0.43 0.00	29.89 -0.49 0.00	33.00 -0.50 0.00	35.62 -0.51 0.00	37.07 -0.49 0.00	41.46 -0.42 0.00	42.76 -0.43 0.00	49.11 -0.55 0.00	56.60 -0.75 0.00	63.21 -0.90 0.00	66.25 -1.08 0.00	85.28 -1.30 0.00	93.21 -1.42 0.00	87.08 -1.24 0.00	73.58 -1.20 0.00	60.59 -0.73 0.00	47.49 -0.57 0.00	41.07 -0.41 0.00	36.98 -0.45 0.00
E_FISHKILL__LBMP 23776	32.77 1.14 0.00	30.60 0.98 0.00	28.02 1.08 0.00	27.16 1.17 0.00	26.83 1.13 0.00	27.67 0.96 0.00	31.32 0.94 0.00	35.07 1.37 -0.19	38.04 1.55 -0.35	39.75 1.73 -0.47	44.25 2.35 -0.02	45.70 2.51 0.00	52.39 2.73 0.00	59.87 2.52 0.00	67.12 3.01 0.00	70.70 3.37 0.00	91.71 4.42 -0.72	99.08 4.45 0.00	92.91 4.59 0.00	78.37 3.59 0.00	63.78 2.45 0.00	50.51 2.45 0.00	43.94 2.45 0.00	38.88 1.46 0.00
FALCON__SEABRD_CC1 323796	30.84 -0.79 0.00	29.47 -0.15 0.00	26.67 -0.27 0.00	25.71 -0.29 0.00	25.42 -0.28 0.00	26.47 -0.24 0.00	30.16 -0.21 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.13 -1.43 0.00	39.66 -2.22 0.00	40.69 -2.51 0.00	46.83 -2.83 0.00	54.77 -2.58 0.00	60.97 -3.14 0.00	63.76 -3.57 0.00	81.98 -4.59 0.00	89.90 -4.73 0.00	83.46 -4.86 0.00	71.34 -3.44 0.00	58.01 -3.31 0.00	45.51 -2.55 0.00	39.00 -2.49 0.00	35.89 -1.54 0.00
FALCON__SEABRD_CC2 323797	30.84 -0.79 0.00	29.47 -0.15 0.00	26.67 -0.27 0.00	25.71 -0.29 0.00	25.42 -0.28 0.00	26.47 -0.24 0.00	30.16 -0.21 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.13 -1.43 0.00	39.66 -2.22 0.00	40.69 -2.51 0.00	46.83 -2.83 0.00	54.77 -2.58 0.00	60.97 -3.14 0.00	63.76 -3.57 0.00	81.98 -4.59 0.00	89.90 -4.73 0.00	83.46 -4.86 0.00	71.34 -3.44 0.00	58.01 -3.31 0.00	45.51 -2.55 0.00	39.00 -2.49 0.00	35.89 -1.54 0.00
FAR ROCKAWAY__4 23548	35.91 2.56 -1.72	31.93 2.31 0.00	28.99 2.05 0.00	27.94 1.95 0.00	27.65 1.95 0.00	28.58 1.87 0.00	32.62 2.25 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.67 2.67 -0.45	45.22 3.31 -0.02	47.08 3.89 0.00	53.88 4.22 0.00	62.05 4.70 0.00	69.62 5.51 0.00	74.08 6.73 -0.02	95.58 8.31 -0.70	103.24 8.61 0.00	96.71 8.39 0.00	81.06 6.28 0.00	65.98 4.66 0.00	52.15 4.09 0.00	45.47 3.98 0.00	40.80 3.07 -0.30
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.27 1.64 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.50 1.51 0.00	27.16 1.46 0.00	27.99 1.28 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.48 2.48 -0.45	45.09 3.18 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	60.84 3.50 0.00	68.08 3.97 0.00	71.85 4.51 0.00	93.42 6.15 -0.70	100.69 6.06 0.00	94.42 6.09 0.00	79.57 4.79 0.00	64.14 2.82 0.00	51.09 3.03 0.00	44.72 3.24 0.00	39.33 1.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.31 1.68 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.50 1.51 0.00	27.16 1.46 0.00	27.99 1.28 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.48 2.48 -0.45	45.09 3.18 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	60.84 3.50 0.00	68.08 3.97 0.00	71.85 4.51 0.00	93.42 6.15 -0.70	100.69 6.06 0.00	94.50 6.18 0.00	79.64 4.86 0.00	64.21 2.88 0.00	51.09 3.03 0.00	44.77 3.28 0.00	39.33 1.91 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.27 1.64 0.00	30.98 1.36 0.00	28.31 1.37 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.99 1.28 0.00	31.74 1.37 0.00	35.66 1.98 -0.19	38.71 2.24 -0.34	40.45 2.44 -0.45	45.05 3.14 -0.02	46.52 3.33 0.00	53.28 3.63 0.00	60.79 3.44 0.00	68.02 3.91 0.00	71.78 4.44 0.00	93.25 5.97 -0.70	100.59 5.96 0.00	94.33 6.01 0.00	79.49 4.71 0.00	64.08 2.76 0.00	51.04 2.98 0.00	44.68 3.19 0.00	39.29 1.87 0.00
FARRAGUT___LBMP 323566	33.24 1.61 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.24 3.58 0.00	60.67 3.33 0.00	67.96 3.85 0.00	71.71 4.38 0.00	93.16 5.89 -0.70	100.40 5.77 0.00	94.24 5.92 0.00	79.42 4.64 0.00	64.02 2.70 0.00	50.99 2.93 0.00	44.64 3.15 0.00	39.26 1.83 0.00
FENNER___WINDPWR 24204	32.55 0.92 0.00	30.42 0.80 0.00	27.53 0.59 0.00	26.59 0.60 0.00	26.31 0.62 0.00	27.40 0.69 0.00	31.28 0.91 0.00	34.50 1.00 0.00	37.18 1.05 0.00	38.72 1.17 0.00	43.43 1.55 0.00	44.93 1.73 0.00	51.84 2.18 0.00	59.93 2.58 0.00	67.19 3.08 0.00	70.23 2.89 0.00	90.04 3.47 0.00	98.51 3.88 0.00	92.30 3.98 0.00	77.92 3.14 0.00	64.33 3.00 0.00	50.03 1.97 0.00	42.94 1.45 0.00	38.62 1.20 0.00
FIBERTEK___ENERGY 23856	32.01 0.38 0.00	29.94 0.33 0.00	27.10 0.16 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.97 0.27 0.00	30.80 0.43 0.00	33.90 0.40 0.00	36.53 0.40 0.00	38.12 0.56 0.00	42.76 0.88 0.00	44.06 0.86 0.00	50.70 1.04 0.00	58.61 1.26 0.00	65.58 1.47 0.00	68.95 1.62 0.00	88.13 1.56 0.00	96.33 1.70 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.72 0.00	49.12 1.06 0.00	42.36 0.87 0.00	38.10 0.67 0.00
FITZPATRICK____ 23598	31.28 -0.35 0.00	29.26 -0.35 0.00	26.51 -0.43 0.00	25.63 -0.36 0.00	25.36 -0.33 0.00	26.36 -0.35 0.00	30.04 -0.33 0.00	33.03 -0.47 0.00	35.59 -0.54 0.00	37.07 -0.49 0.00	41.51 -0.38 0.00	42.94 -0.26 0.00	49.41 -0.25 0.00	57.06 -0.29 0.00	63.92 -0.19 0.00	67.13 -0.20 0.00	85.88 -0.70 0.00	93.87 -0.76 0.00	87.71 -0.61 0.00	74.26 -0.52 0.00	61.20 -0.12 0.00	47.78 -0.29 0.00	41.15 -0.33 0.00	37.01 -0.41 0.00
FLOWRFLD_69_KV_BK1 356044	36.32 2.97 -1.72	32.25 2.64 0.00	29.23 2.29 0.00	28.13 2.13 0.00	27.86 2.16 0.00	28.84 2.14 0.00	33.05 2.67 0.00	36.97 3.28 -0.19	39.90 3.43 -0.34	40.90 2.89 -0.45	53.10 3.31 -7.90	59.12 3.76 -12.17	74.56 3.87 -21.02	166.21 4.30 -104.57	227.59 5.13 -158.35	379.37 6.80 -305.24	404.52 7.96 -309.98	380.02 8.33 -277.07	379.69 8.13 -283.25	290.41 6.21 -209.42	166.48 4.60 -100.55	196.74 4.04 -144.64	55.50 3.86 -10.16	49.54 3.48 -8.64
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.24 1.61 0.00	31.04 1.42 0.00	28.39 1.45 0.00	27.53 1.53 0.00	27.16 1.46 0.00	27.96 1.26 0.00	31.62 1.25 0.00	35.55 1.91 -0.14	38.45 2.06 -0.26	40.19 2.29 -0.34	45.00 3.10 -0.02	46.57 3.37 0.00	53.58 3.92 0.00	61.30 3.96 0.00	68.79 4.68 0.00	72.25 4.92 0.00	93.86 6.75 -0.53	101.54 6.91 0.00	95.12 6.80 0.00	80.32 5.53 0.00	65.49 4.17 0.00	51.71 3.65 0.00	44.85 3.36 0.00	39.63 2.21 0.00
FORT ORANGE____ 23900	32.10 0.48 0.00	30.00 0.38 0.00	27.50 0.57 0.00	26.46 0.47 0.00	26.13 0.44 0.00	27.13 0.43 0.00	30.74 0.37 0.00	33.91 0.60 0.19	36.46 0.68 0.35	37.69 0.60 0.46	42.91 1.05 0.02	44.02 0.82 0.00	50.45 0.79 0.00	57.69 0.35 0.00	64.75 0.64 0.00	68.14 0.81 0.00	86.97 1.12 0.72	95.77 1.14 0.00	89.82 1.50 0.00	76.05 1.27 0.00	62.43 1.10 0.00	49.31 1.25 0.00	42.73 1.24 0.00	38.10 0.67 0.00
FORT_DRUM_COGEN 23780	32.20 0.57 0.00	30.09 0.47 0.00	27.10 0.16 0.00	26.10 0.10 0.00	25.80 0.10 0.00	27.00 0.29 0.00	30.92 0.55 0.00	34.07 0.57 0.00	36.64 0.51 0.00	38.01 0.45 0.00	42.51 0.63 0.00	43.84 0.65 0.00	49.76 0.10 0.00	57.98 0.63 0.00	64.62 0.51 0.00	67.67 0.34 0.00	87.18 0.61 0.00	95.86 1.23 0.00	90.18 1.85 0.00	76.13 1.35 0.00	62.92 1.59 0.00	48.59 0.53 0.00	42.40 0.91 0.00	38.21 0.79 0.00
FPL_FAR_ROCK_GT1 24212	35.78 2.44 -1.72	31.55 1.92 -0.01	28.85 1.91 0.00	27.61 1.61 0.00	27.19 1.49 0.00	28.39 1.68 0.00	32.59 2.22 0.00	36.40 2.71 -0.19	39.11 2.64 -0.34	40.67 2.67 -0.45	45.51 3.60 -0.02	47.00 3.80 0.00	53.78 4.12 0.00	61.94 4.59 0.00	69.43 5.32 0.00	74.08 6.73 -0.02	95.67 8.40 -0.70	103.24 8.61 0.00	96.72 8.39 0.00	81.21 6.43 0.00	66.23 4.91 0.00	51.95 3.89 0.00	45.56 4.07 0.00	40.76 3.03 -0.31
FPL_FAR_ROCK_GT2 23815	35.78 2.44 -1.72	31.55 1.92 -0.01	28.85 1.91 0.00	27.61 1.61 0.00	27.19 1.49 0.00	28.39 1.68 0.00	32.59 2.22 0.00	36.40 2.71 -0.19	39.11 2.64 -0.34	40.67 2.67 -0.45	45.51 3.60 -0.02	47.00 3.80 0.00	53.78 4.12 0.00	61.94 4.59 0.00	69.43 5.32 0.00	74.08 6.73 -0.02	95.67 8.40 -0.70	103.24 8.61 0.00	96.72 8.39 0.00	81.21 6.43 0.00	66.23 4.91 0.00	51.95 3.89 0.00	45.56 4.07 0.00	40.76 3.03 -0.31
FRANKLIN_FALL_HYD 24054	31.50 -0.13 0.00	29.65 0.03 0.00	26.78 -0.16 0.00	25.81 -0.18 0.00	25.49 -0.21 0.00	26.55 -0.16 0.00	30.22 -0.15 0.00	33.10 -0.40 0.00	35.62 -0.51 0.00	36.88 -0.68 0.00	40.75 -1.13 0.00	41.38 -1.81 0.00	47.57 -2.09 0.00	55.85 -1.49 0.00	62.19 -1.92 0.00	67.60 -2.36 -2.62	113.07 -3.03 -29.53	91.60 -3.03 0.00	85.05 -3.27 0.00	72.69 -2.09 0.00	59.05 -2.27 0.00	46.24 -1.83 0.00	39.91 -1.58 0.00	36.64 -0.79 0.00
FREEPORT_EQUS_GT1 23764	35.59 2.25 -1.72	31.34 1.72 -0.01	28.66 1.73 0.00	27.42 1.43 0.00	27.03 1.34 0.00	28.25 1.55 0.00	32.44 2.07 0.00	36.20 2.51 -0.19	39.04 2.57 -0.34	40.45 2.44 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	52.94 3.28 0.00	60.90 3.56 0.00	68.22 4.11 0.00	73.01 5.66 -0.01	94.20 6.93 -0.70	101.63 7.00 0.00	95.21 6.89 0.00	80.01 5.23 0.00	65.25 3.93 0.00	51.38 3.31 0.00	45.18 3.69 0.00	40.57 2.84 -0.30
FREEPORT___CT2 23818	35.59 2.25 -1.72	31.34 1.72 -0.01	28.66 1.73 0.00	27.42 1.43 0.00	27.03 1.34 0.00	28.25 1.55 0.00	32.44 2.07 0.00	36.20 2.51 -0.19	39.04 2.57 -0.34	40.45 2.44 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	52.94 3.28 0.00	60.90 3.56 0.00	68.22 4.11 0.00	73.01 5.66 -0.01	94.20 6.93 -0.70	101.63 7.00 0.00	95.21 6.89 0.00	80.01 5.23 0.00	65.25 3.93 0.00	51.38 3.31 0.00	45.18 3.69 0.00	40.57 2.84 -0.30
FRESHKLS_33_KV_LOAD 356253	33.60 1.96 -0.01	31.31 1.69 -0.01	28.58 1.64 0.00	27.77 1.77 -0.01	27.43 1.72 -0.01	28.23 1.52 0.00	32.04 1.67 0.00	35.70 2.01 -0.19	36.12 2.24 2.25	38.74 2.55 1.37	39.18 3.06 5.76	38.95 2.98 7.23	41.32 3.18 11.52	41.78 2.87 18.43	41.98 3.40 25.53	41.79 3.91 29.45	61.93 5.45 30.09	65.37 5.30 34.56	57.05 5.48 36.75	44.03 4.34 35.09	43.43 2.39 20.28	39.51 2.64 11.20	40.86 3.24 3.87	39.25 1.83 0.01

FULTON COGEN____ 23766	31.63 0.00 0.00	29.59 -0.03 0.00	26.80 -0.13 0.00	25.79 -0.21 0.00	25.52 -0.18 0.00	26.65 -0.05 0.00	30.47 0.09 0.00	33.50 0.00 0.00	36.13 0.00 0.00	37.67 0.11 0.00	42.22 0.34 0.00	43.72 0.52 0.00	50.36 0.70 0.00	58.15 0.80 0.00	65.07 0.96 0.00	68.41 1.08 0.00	87.52 0.95 0.00	95.76 1.14 0.00	89.56 1.24 0.00	75.75 0.97 0.00	62.55 1.23 0.00	48.73 0.67 0.00	41.82 0.33 0.00	37.65 0.22 0.00
FULTON____LFGE 323630	35.42 3.79 0.00	32.94 3.32 0.00	29.77 2.83 0.00	28.78 2.78 0.00	28.53 2.83 0.00	29.75 3.04 0.00	33.78 3.40 0.00	37.23 3.88 0.15	40.04 4.19 0.28	41.43 4.24 0.37	46.85 4.98 0.02	48.33 5.14 0.00	55.57 5.91 0.00	64.05 6.71 0.00	72.38 8.27 0.00	76.15 8.82 0.00	97.86 11.86 0.57	108.73 14.10 0.00	102.19 13.87 0.00	86.37 11.59 0.00	71.69 10.37 0.00	55.42 7.35 0.00	47.55 6.06 0.00	42.18 4.75 0.00
G.F.CEMENT____DRP 24184	33.40 1.77 0.00	31.22 1.60 0.00	28.47 1.54 0.00	27.53 1.53 0.00	27.24 1.54 0.00	28.31 1.60 0.00	32.11 1.73 0.00	35.28 2.01 0.23	37.96 2.24 0.41	39.56 2.55 0.55	45.08 3.22 0.03	46.87 3.67 0.00	54.03 4.37 0.00	62.11 4.76 0.00	69.17 5.06 0.00	72.38 5.05 0.00	92.22 6.49 0.85	102.39 7.76 0.00	96.18 7.86 0.00	81.29 6.51 0.00	67.15 5.83 0.00	52.58 4.52 0.00	45.22 3.73 0.00	40.30 2.88 0.00
GARDENVILLE____LBMP 24039	32.10 0.47 0.00	30.09 0.47 0.00	26.64 -0.30 0.00	25.24 -0.75 0.00	25.00 -0.69 0.00	26.84 0.13 0.00	31.35 0.97 0.00	33.67 0.17 0.00	36.24 0.11 0.00	37.97 0.41 0.00	42.93 1.05 0.00	45.05 1.86 0.00	51.94 2.28 0.00	60.44 3.10 0.00	67.25 3.14 0.00	71.31 3.97 0.00	89.34 2.77 0.00	97.85 3.22 0.00	91.15 2.83 0.00	76.95 2.17 0.00	64.21 2.88 0.00	49.02 0.96 0.00	41.61 0.12 0.00	37.95 0.52 0.00
GARDNVLA_35_KV_LD 355827	32.26 0.63 0.00	30.24 0.62 0.00	26.75 -0.19 0.00	25.34 -0.65 0.00	25.08 -0.62 0.00	26.95 0.24 0.00	31.47 1.09 0.00	33.80 0.30 0.00	36.38 0.25 0.00	38.16 0.60 0.00	43.14 1.26 0.00	45.31 2.12 0.00	52.19 2.53 0.00	60.73 3.38 0.00	67.57 3.46 0.00	71.71 4.38 0.00	89.78 3.20 0.00	98.32 3.69 0.00	91.59 3.27 0.00	77.32 2.54 0.00	64.57 3.25 0.00	49.26 1.20 0.00	41.78 0.29 0.00	38.10 0.67 0.00
GELCKHM__115KV_LOAD 80723	31.76 0.13 0.00	29.71 0.09 0.00	26.88 -0.05 0.00	25.86 -0.13 0.00	25.60 -0.10 0.00	26.76 0.05 0.00	30.56 0.18 0.00	33.63 0.13 0.00	36.24 0.11 0.00	37.82 0.26 0.00	42.39 0.50 0.00	43.80 0.60 0.00	50.40 0.74 0.00	58.26 0.92 0.00	65.20 1.09 0.00	68.55 1.21 0.00	87.61 1.04 0.00	95.76 1.14 0.00	89.56 1.24 0.00	75.75 0.97 0.00	62.55 1.23 0.00	48.78 0.72 0.00	41.94 0.46 0.00	37.76 0.34 0.00
GENERAL____MILLS 23808	32.20 0.57 0.00	30.18 0.56 0.00	26.70 -0.24 0.00	25.32 -0.68 0.00	25.06 -0.64 0.00	26.89 0.19 0.00	31.44 1.06 0.00	33.77 0.27 0.00	36.35 0.22 0.00	38.08 0.53 0.00	43.06 1.17 0.00	45.23 2.03 0.00	52.09 2.43 0.00	60.61 3.27 0.00	67.44 3.33 0.00	71.58 4.24 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.41 3.09 0.00	77.18 2.39 0.00	64.45 3.13 0.00	49.17 1.11 0.00	41.74 0.25 0.00	38.06 0.64 0.00
GE_PLASTICS____DRP 24183	32.14 0.51 0.00	30.06 0.44 0.00	27.53 0.59 0.00	26.64 0.65 0.00	26.31 0.62 0.00	27.19 0.48 0.00	30.71 0.33 0.00	33.88 0.54 0.16	36.50 0.65 0.29	37.93 0.75 0.38	43.04 1.17 0.02	44.02 0.82 0.00	50.40 0.74 0.00	57.69 0.34 0.00	64.82 0.71 0.00	68.01 0.67 0.00	86.68 0.69 0.59	95.39 0.76 0.00	89.38 1.06 0.00	75.75 0.97 0.00	62.18 0.86 0.00	49.41 1.35 0.00	42.82 1.33 0.00	38.21 0.79 0.00
GILBOA____1 23756	32.17 0.54 0.00	30.18 0.56 0.00	27.77 0.84 0.00	26.77 0.78 0.00	26.44 0.75 0.00	27.37 0.67 0.00	30.95 0.58 0.00	34.17 0.67 0.00	36.92 0.79 0.00	38.46 0.90 0.00	43.31 1.42 0.00	44.62 1.42 0.00	51.20 1.54 0.00	58.38 1.03 0.00	65.39 1.28 0.00	68.61 1.28 0.00	88.13 1.56 0.00	96.24 1.61 0.00	90.18 1.86 0.00	76.43 1.64 0.00	62.98 1.66 0.00	49.60 1.54 0.00	42.98 1.49 0.00	38.28 0.86 0.00
GILBOA____2 23757	32.17 0.54 0.00	30.18 0.56 0.00	27.77 0.84 0.00	26.77 0.78 0.00	26.44 0.75 0.00	27.37 0.67 0.00	30.95 0.58 0.00	34.17 0.67 0.00	36.92 0.79 0.00	38.46 0.90 0.00	43.31 1.42 0.00	44.62 1.42 0.00	51.20 1.54 0.00	58.38 1.03 0.00	65.39 1.28 0.00	68.61 1.28 0.00	88.13 1.56 0.00	96.24 1.61 0.00	90.18 1.86 0.00	76.43 1.64 0.00	62.98 1.66 0.00	49.60 1.54 0.00	42.98 1.49 0.00	38.28 0.86 0.00
GILBOA____3 23758	32.17 0.54 0.00	30.18 0.56 0.00	27.77 0.84 0.00	26.77 0.78 0.00	26.44 0.75 0.00	27.37 0.67 0.00	30.95 0.58 0.00	34.17 0.67 0.00	36.92 0.79 0.00	38.46 0.90 0.00	43.31 1.42 0.00	44.62 1.42 0.00	51.20 1.54 0.00	58.38 1.03 0.00	65.39 1.28 0.00	68.61 1.28 0.00	88.13 1.56 0.00	96.24 1.61 0.00	90.18 1.86 0.00	76.43 1.64 0.00	62.98 1.66 0.00	49.60 1.54 0.00	42.98 1.49 0.00	38.28 0.86 0.00
GILBOA____4 23759	32.17 0.54 0.00	30.18 0.56 0.00	27.77 0.84 0.00	26.77 0.78 0.00	26.44 0.75 0.00	27.37 0.67 0.00	30.95 0.58 0.00	34.17 0.67 0.00	36.92 0.79 0.00	38.46 0.90 0.00	43.31 1.42 0.00	44.62 1.42 0.00	51.20 1.54 0.00	58.38 1.03 0.00	65.39 1.28 0.00	68.61 1.28 0.00	88.13 1.56 0.00	96.24 1.61 0.00	90.18 1.86 0.00	76.43 1.64 0.00	62.98 1.66 0.00	49.60 1.54 0.00	42.98 1.49 0.00	38.28 0.86 0.00
GILBOA____ 23599	32.23 0.60 0.00	30.24 0.62 0.00	27.83 0.89 0.00	26.93 0.94 0.00	26.60 0.90 0.00	27.43 0.72 0.00	30.98 0.61 0.00	34.20 0.70 0.00	36.93 0.79 0.00	38.46 0.90 0.00	43.22 1.34 0.00	44.67 1.47 0.00	51.25 1.59 0.00	58.44 1.09 0.00	65.52 1.41 0.00	68.61 1.28 0.00	88.13 1.56 0.00	96.24 1.61 0.00	90.09 1.77 0.00	76.50 1.72 0.00	62.98 1.66 0.00	49.60 1.54 0.00	42.94 1.45 0.00	38.28 0.86 0.00
GINNA____ 23603	30.65 -0.98 0.00	28.70 -0.92 0.00	25.62 -1.32 0.00	24.93 -1.07 0.00	24.70 -1.00 0.00	25.61 -1.10 0.00	29.40 -0.97 0.00	32.36 -1.14 0.00	34.79 -1.34 0.00	36.35 -1.20 0.00	40.92 -0.96 0.00	42.68 -0.52 0.00	49.21 -0.45 0.00	57.17 -0.17 0.00	64.24 0.13 0.00	67.54 0.20 0.00	85.71 -0.87 0.00	93.78 -0.85 0.00	87.61 -0.71 0.00	74.26 -0.52 0.00	61.45 0.12 0.00	47.29 -0.77 0.00	40.54 -0.95 0.00	36.45 -0.97 0.00
GLEN PARK____ 23778	32.45 0.82 0.00	30.33 0.71 0.00	27.29 0.35 0.00	26.36 0.36 0.00	26.06 0.36 0.00	27.19 0.48 0.00	31.16 0.79 0.00	34.34 0.84 0.00	36.89 0.76 0.00	38.23 0.68 0.00	42.72 0.84 0.00	44.19 0.99 0.00	51.25 1.59 0.00	59.64 2.30 0.00	66.61 2.50 0.00	68.14 0.81 0.00	88.04 1.47 0.00	96.81 2.18 0.00	91.15 2.83 0.00	76.95 2.17 0.00	63.59 2.27 0.00	49.12 1.06 0.00	41.90 0.41 0.00	37.80 0.37 0.00

GLENDALE_27_KV_LOAD 356172	33.56 1.93 0.00	31.25 1.63 0.00	28.53 1.59 0.00	27.71 1.72 0.00	27.38 1.67 -0.01	28.17 1.47 0.00	31.98 1.61 0.00	35.96 2.28 -0.19	38.97 2.49 -0.34	40.79 2.78 -0.45	45.34 3.43 -0.02	46.65 3.46 0.00	53.28 3.63 0.01	58.35 3.38 2.38	55.37 3.91 12.65	58.42 4.44 13.35	77.63 6.06 15.00	83.48 5.96 17.11	72.74 6.09 21.68	57.54 4.79 22.03	53.97 2.82 10.17	51.08 3.03 0.01	44.93 3.44 0.00	39.52 2.10 0.00
GLENWOOD_IC_1_G5 23712	35.37 2.02 -1.72	31.40 1.78 0.00	28.58 1.64 0.00	27.66 1.66 0.00	27.34 1.64 0.00	28.23 1.52 0.00	32.14 1.76 0.00	36.00 2.31 -0.19	39.00 2.53 -0.34	40.52 2.52 -0.45	44.80 2.89 -0.02	46.48 3.28 0.00	53.19 3.53 0.00	61.07 3.73 0.00	68.47 4.36 0.00	72.60 5.25 -0.02	93.85 6.58 -0.70	101.25 6.62 0.00	94.86 6.54 0.00	79.79 5.01 0.00	64.76 3.43 0.00	51.28 3.22 0.00	44.68 3.19 0.00	40.20 2.47 -0.30
GLENWOOD_IC_2_G1 23688	35.02 1.68 -1.72	30.93 1.30 -0.01	28.28 1.35 0.00	27.14 1.14 0.00	26.78 1.08 0.00	27.94 1.23 0.00	31.86 1.49 0.00	35.70 2.01 -0.19	38.64 2.17 -0.34	40.30 2.29 -0.45	45.09 3.18 -0.02	46.35 3.15 0.00	53.08 3.42 0.00	60.79 3.44 0.00	68.02 3.91 0.00	72.26 4.91 -0.02	93.59 6.32 -0.70	100.97 6.34 0.00	94.59 6.27 0.00	79.72 4.93 0.00	64.76 3.43 0.00	51.14 3.08 0.00	44.68 3.19 0.00	39.86 2.13 -0.30
GLENWOOD_IC_3_G1 23689	35.02 1.68 -1.72	30.93 1.30 -0.01	28.28 1.35 0.00	27.14 1.14 0.00	26.78 1.08 0.00	27.94 1.23 0.00	31.86 1.49 0.00	35.70 2.01 -0.19	38.64 2.17 -0.34	40.30 2.29 -0.45	45.09 3.18 -0.02	46.35 3.15 0.00	53.08 3.42 0.00	60.79 3.44 0.00	68.02 3.91 0.00	72.26 4.91 -0.02	93.59 6.32 -0.70	100.97 6.34 0.00	94.59 6.27 0.00	79.72 4.93 0.00	64.76 3.43 0.00	51.14 3.08 0.00	44.68 3.19 0.00	39.86 2.13 -0.30
GLENWOOD___4 23550	35.37 2.02 -1.72	31.40 1.78 0.00	28.58 1.64 0.00	27.66 1.66 0.00	27.34 1.64 0.00	28.23 1.52 0.00	32.14 1.76 0.00	36.00 2.31 -0.19	39.00 2.53 -0.34	40.52 2.52 -0.45	44.88 2.97 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	61.19 3.84 0.00	68.60 4.49 0.00	72.80 5.45 -0.02	94.03 6.75 -0.70	101.54 6.91 0.00	95.12 6.80 0.00	79.94 5.16 0.00	64.94 3.62 0.00	51.38 3.32 0.00	44.77 3.28 0.00	40.20 2.47 -0.30
GLENWOOD___5 23614	35.37 2.02 -1.72	31.40 1.78 0.00	28.58 1.64 0.00	27.66 1.66 0.00	27.34 1.64 0.00	28.23 1.52 0.00	32.14 1.76 0.00	36.00 2.31 -0.19	39.00 2.53 -0.34	40.52 2.52 -0.45	44.88 2.97 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	61.19 3.84 0.00	68.60 4.49 0.00	72.80 5.45 -0.02	94.03 6.75 -0.70	101.54 6.91 0.00	95.12 6.80 0.00	79.94 5.16 0.00	64.94 3.62 0.00	51.38 3.32 0.00	44.77 3.28 0.00	40.20 2.47 -0.30
GLOBAL GREEN_PORT_GT1 23814	37.52 4.17 -1.72	32.97 3.35 -0.01	30.14 3.20 0.00	28.78 2.78 0.00	28.32 2.62 0.00	29.64 2.94 0.00	34.23 3.86 0.00	38.28 4.59 -0.19	41.28 4.81 -0.34	42.48 4.47 -0.46	53.48 5.99 -5.61	58.30 6.48 -8.62	71.66 7.10 -14.90	139.74 8.26 -74.14	239.77 9.81 -165.85	348.99 11.65 -270.00	318.42 11.86 -219.99	303.37 12.30 -196.44	303.37 14.22 -200.83	288.43 11.59 -202.06	195.21 9.02 -124.87	157.43 6.82 -102.55	55.12 6.43 -7.20	50.07 5.35 -7.29
GLOBE___DSASP 323697	31.03 -0.60 0.00	29.09 -0.53 0.00	25.67 -1.27 0.00	24.30 -1.69 0.00	24.23 -1.46 0.00	25.99 -0.72 0.00	30.19 -0.18 0.00	32.29 -1.21 0.00	34.72 -1.41 0.00	36.39 -1.16 0.00	40.96 -0.92 0.00	43.02 -0.17 0.00	49.46 -0.20 0.00	57.46 0.11 0.00	63.98 -0.13 0.00	67.81 0.47 0.00	84.75 -1.82 0.00	92.83 -1.80 0.00	86.55 -1.77 0.00	73.21 -1.57 0.00	61.20 -0.12 0.00	46.86 -1.20 0.00	39.91 -1.58 0.00	36.49 -0.94 0.00
GOETHSLN___LBMP 323567	33.02 1.39 0.00	30.74 1.13 0.00	28.10 1.16 0.00	27.27 1.27 0.00	26.93 1.23 0.00	27.77 1.07 0.01	31.50 1.12 0.00	35.43 1.74 -0.19	35.84 1.95 2.24	38.33 2.14 1.36	38.94 2.81 5.75	38.91 2.94 7.22	41.33 3.18 11.51	41.79 2.87 18.43	42.14 3.33 25.30	41.73 3.84 29.44	61.68 5.19 30.09	65.09 5.02 34.55	93.62 5.30 0.00	78.90 4.11 0.00	43.32 2.27 20.27	39.42 2.55 11.19	44.35 2.86 0.00	38.99 1.57 0.00
GOLAH___69_KV_TB 1_2 80279	32.04 0.41 0.00	30.03 0.41 0.00	26.78 -0.16 0.00	25.47 -0.52 0.00	25.26 -0.44 0.00	26.84 0.13 0.00	31.10 0.73 0.00	33.70 0.20 0.00	36.20 0.07 0.00	37.97 0.41 0.00	42.72 0.84 0.00	44.67 1.47 0.00	51.40 1.74 0.00	59.58 2.24 0.00	66.61 2.50 0.00	70.36 3.03 0.00	89.00 2.42 0.00	97.47 2.84 0.00	91.06 2.74 0.00	77.18 2.39 0.00	64.21 2.88 0.00	49.41 1.35 0.00	42.03 0.54 0.00	38.02 0.60 0.00
GOODYEAR_LAKE_HYD 323669	33.40 1.77 0.00	31.25 1.63 0.00	28.39 1.45 0.00	27.42 1.43 0.00	27.11 1.41 0.00	28.23 1.52 0.00	32.17 1.79 0.00	35.51 2.01 0.00	38.26 2.13 0.00	39.85 2.29 0.00	44.77 2.89 0.00	46.39 3.20 0.00	53.53 3.87 0.00	61.59 4.24 0.00	68.92 4.81 0.00	72.32 4.98 0.00	92.89 6.32 0.00	101.63 7.00 0.00	95.30 6.98 0.00	80.47 5.68 0.00	66.41 5.09 0.00	51.71 3.65 0.00	44.39 2.90 0.00	39.67 2.25 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.26 0.63 0.00	30.21 0.59 0.00	27.32 0.38 0.00	26.23 0.23 0.00	25.96 0.26 0.00	27.21 0.51 0.00	31.16 0.79 0.00	34.20 0.70 0.00	36.82 0.69 0.00	38.46 0.90 0.00	43.22 1.34 0.00	44.92 1.73 0.00	51.84 2.19 0.00	59.87 2.52 0.00	67.06 2.95 0.00	70.57 3.23 0.00	90.03 3.46 0.00	98.41 3.79 0.00	91.94 3.62 0.00	77.70 2.92 0.00	64.21 2.88 0.00	49.84 1.78 0.00	42.69 1.20 0.00	38.36 0.94 0.00
GOUDEY___7 23579	32.29 0.66 0.00	30.24 0.62 0.00	27.32 0.38 0.00	26.25 0.26 0.00	25.98 0.28 0.00	27.24 0.53 0.00	31.19 0.82 0.00	34.24 0.74 0.00	36.89 0.76 0.00	38.49 0.94 0.00	43.27 1.38 0.00	45.01 1.81 0.00	51.89 2.23 0.00	59.93 2.58 0.00	67.12 3.01 0.00	70.70 3.37 0.00	90.12 3.55 0.00	98.51 3.88 0.00	92.12 3.80 0.00	77.85 3.07 0.00	64.33 3.00 0.00	49.89 1.83 0.00	42.77 1.29 0.00	38.43 1.01 0.00
GOUDEY___8 23580	32.26 0.63 0.00	30.21 0.59 0.00	27.32 0.38 0.00	26.23 0.23 0.00	25.96 0.26 0.00	27.21 0.51 0.00	31.16 0.79 0.00	34.20 0.70 0.00	36.82 0.69 0.00	38.46 0.90 0.00	43.22 1.34 0.00	44.92 1.73 0.00	51.84 2.19 0.00	59.87 2.52 0.00	67.06 2.95 0.00	70.57 3.23 0.00	90.03 3.46 0.00	98.41 3.79 0.00	91.94 3.62 0.00	77.70 2.92 0.00	64.21 2.88 0.00	49.84 1.78 0.00	42.69 1.20 0.00	38.36 0.94 0.00
GOWANUS_GT1_1 24077	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00

GOWANUS_GT1_2 24078	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT1_3 24079	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT1_4 24080	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT1_5 24084	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT1_6 24111	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT1_7 24112	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT1_8 24113	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT2_1 24114	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_2 24115	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_3 24116	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_4 24117	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_5 24118	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_6 24119	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_7 24120	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT2_8 24121	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00

GOWANUS_GT3_1 24122	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_2 24123	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_3 24124	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_4 24125	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_5 24126	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_6 24127	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_7 24128	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT3_8 24129	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
GOWANUS_GT4_1 24130	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT4_2 24131	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT4_3 24132	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT4_4 24133	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT4_5 24134	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT4_6 24135	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GOWANUS_GT4_7 24136	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00

GOWANUS_GT4_8 24137	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GREENBSH_115KV_TB3 55895	31.95 0.32 0.00	29.89 0.27 0.00	27.37 0.43 0.00	26.49 0.49 0.00	26.16 0.46 0.00	27.03 0.32 0.00	30.56 0.18 0.00	33.67 0.37 0.20	36.23 0.47 0.37	37.63 0.56 0.49	42.82 0.96 0.03	44.02 0.82 0.00	50.40 0.74 0.00	57.75 0.40 0.00	64.88 0.77 0.00	68.14 0.81 0.00	86.76 0.95 0.76	95.67 1.04 0.00	89.73 1.41 0.00	75.90 1.12 0.00	62.30 0.98 0.00	49.22 1.15 0.00	42.61 1.12 0.00	38.06 0.64 0.00
GREENDGE_115KV_TB5 80291	32.52 0.89 0.00	30.42 0.80 0.00	27.29 0.35 0.00	26.10 0.10 0.00	25.85 0.15 0.00	27.37 0.67 0.00	31.62 1.25 0.00	34.54 1.04 0.00	36.96 0.83 0.00	38.61 1.05 0.00	43.47 1.59 0.00	45.31 2.12 0.00	52.34 2.68 0.00	60.67 3.33 0.00	67.96 3.85 0.00	71.71 4.38 0.00	90.99 4.42 0.00	99.74 5.11 0.00	93.27 4.95 0.00	78.75 3.96 0.00	65.31 3.99 0.00	50.32 2.26 0.00	42.77 1.29 0.00	38.88 1.46 0.00
GREENIDGE___3 23582	32.52 0.89 0.00	30.42 0.80 0.00	27.29 0.35 0.00	26.10 0.10 0.00	25.85 0.15 0.00	27.37 0.67 0.00	31.62 1.25 0.00	34.54 1.04 0.00	36.96 0.83 0.00	38.61 1.05 0.00	43.47 1.59 0.00	45.31 2.12 0.00	52.34 2.68 0.00	60.67 3.33 0.00	67.96 3.85 0.00	71.71 4.38 0.00	90.99 4.42 0.00	99.74 5.11 0.00	93.27 4.95 0.00	78.75 3.96 0.00	65.31 3.99 0.00	50.32 2.26 0.00	42.77 1.29 0.00	38.88 1.46 0.00
GREENIDGE___4 23583	32.58 0.95 0.00	30.45 0.83 0.00	27.29 0.35 0.00	26.46 0.47 0.00	26.26 0.56 0.00	27.37 0.67 0.00	31.41 1.03 0.00	34.57 1.07 0.00	37.11 0.98 0.00	38.61 1.05 0.00	43.56 1.68 0.00	45.36 2.16 0.00	52.34 2.68 0.00	60.67 3.32 0.00	68.22 4.11 0.00	71.78 4.44 0.00	90.98 4.41 0.00	99.74 5.11 0.00	93.26 4.94 0.00	78.82 4.04 0.00	65.31 3.98 0.00	50.42 2.35 0.00	43.02 1.54 0.00	38.92 1.50 0.00
GREENLWN_69_KV_BK 3 55738	35.62 2.28 -1.72	31.66 2.04 0.00	28.72 1.78 0.00	27.71 1.72 0.00	27.42 1.72 0.00	28.36 1.66 0.00	32.41 2.04 0.00	36.27 2.58 -0.19	39.04 2.57 -0.34	40.11 2.10 -0.45	42.84 2.18 1.22	43.96 2.68 1.91	49.09 2.73 3.31	44.01 3.10 16.44	41.79 3.78 26.10	23.62 5.45 49.17	44.72 6.06 47.91	57.33 6.25 43.55	50.16 6.36 44.52	45.44 4.79 34.13	47.86 3.56 17.02	28.45 3.12 22.74	42.75 2.86 1.60	38.88 2.47 1.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00
GRISSOM___SOLAR 323813	35.42 3.79 0.00	32.94 3.32 0.00	29.77 2.83 0.00	28.78 2.78 0.00	28.53 2.83 0.00	29.75 3.04 0.00	33.78 3.40 0.00	37.23 3.88 0.15	40.04 4.19 0.28	41.43 4.24 0.37	46.85 4.98 0.02	48.33 5.14 0.00	55.57 5.91 0.00	64.05 6.71 0.00	72.38 8.27 0.00	76.15 8.82 0.00	97.86 11.86 0.57	108.73 14.10 0.00	102.19 13.87 0.00	86.37 11.59 0.00	71.69 10.37 0.00	55.42 7.35 0.00	47.55 6.06 0.00	42.18 4.75 0.00
GROVEVILLE___HYD 323602	33.24 1.61 0.00	31.04 1.42 0.00	28.39 1.45 0.00	27.53 1.53 0.00	27.16 1.46 0.00	27.96 1.26 0.00	31.62 1.25 0.00	35.55 1.91 -0.14	38.45 2.06 -0.26	40.19 2.29 -0.34	45.00 3.10 -0.02	46.57 3.37 0.00	53.58 3.92 0.00	61.30 3.96 0.00	68.79 4.68 0.00	72.25 4.92 0.00	93.86 6.75 -0.53	101.54 6.91 0.00	95.12 6.80 0.00	80.32 5.53 0.00	65.49 4.17 0.00	51.71 3.65 0.00	44.85 3.36 0.00	39.63 2.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.01 0.38 0.00	29.94 0.33 0.00	27.10 0.16 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.97 0.27 0.00	30.80 0.43 0.00	33.90 0.40 0.00	36.53 0.40 0.00	38.12 0.56 0.00	42.76 0.88 0.00	44.06 0.86 0.00	50.70 1.04 0.00	58.61 1.26 0.00	65.58 1.47 0.00	68.95 1.62 0.00	88.13 1.56 0.00	96.33 1.70 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.72 0.00	49.12 1.06 0.00	42.36 0.87 0.00	38.10 0.67 0.00
HAMLTNNY_34_KV_TB 80303	32.14 0.51 0.00	30.06 0.44 0.00	27.18 0.24 0.00	26.12 0.13 0.00	25.85 0.15 0.00	27.05 0.35 0.00	30.95 0.58 0.00	34.07 0.57 0.00	36.71 0.58 0.00	38.27 0.71 0.00	42.97 1.09 0.00	44.54 1.34 0.00	51.30 1.64 0.00	59.35 2.01 0.00	66.35 2.24 0.00	69.83 2.49 0.00	89.17 2.60 0.00	97.56 2.93 0.00	91.24 2.91 0.00	77.18 2.39 0.00	63.78 2.45 0.00	49.60 1.54 0.00	42.57 1.08 0.00	38.28 0.86 0.00
HAMPSHIRE___PAPER_HYD 323593	31.44 -0.19 0.00	29.44 -0.18 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.16 -0.54 0.00	26.25 -0.45 0.00	29.95 -0.43 0.00	33.00 -0.50 0.00	35.52 -0.61 0.00	36.76 -0.79 0.00	40.42 -1.47 0.00	41.47 -1.73 0.00	47.82 -1.84 0.00	56.32 -1.03 0.00	62.76 -1.35 0.00	64.84 -2.49 0.00	83.72 -2.85 0.00	91.88 -2.75 0.00	85.85 -2.47 0.00	72.84 -1.94 0.00	59.36 -1.96 0.00	46.14 -1.92 0.00	39.50 -1.99 0.00	36.34 -1.09 0.00
HARDSCRABBLE_WT_PWR 323673	31.28 -0.35 0.00	29.29 -0.33 0.00	26.64 -0.30 0.00	25.68 -0.31 0.00	25.39 -0.31 0.00	26.41 -0.29 0.00	30.04 -0.33 0.00	33.17 -0.33 0.00	35.80 -0.33 0.00	37.29 -0.26 0.00	41.72 -0.17 0.00	43.02 -0.17 0.00	49.41 -0.25 0.00	56.95 -0.40 0.00	63.59 -0.52 0.00	66.66 -0.67 0.00	85.71 -0.87 0.00	93.68 -0.95 0.00	87.44 -0.88 0.00	73.89 -0.89 0.00	60.83 -0.49 0.00	47.68 -0.39 0.00	41.28 -0.21 0.00	37.12 -0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.89 1.27 0.00	30.71 1.10 0.00	28.10 1.16 0.00	27.27 1.27 0.00	26.91 1.21 0.00	27.75 1.04 0.00	31.38 1.00 0.00	35.13 1.47 -0.16	38.01 1.59 -0.29	39.74 1.80 -0.38	44.37 2.47 -0.02	45.92 2.72 0.00	52.74 3.08 0.00	60.39 3.04 0.00	67.76 3.65 0.00	71.31 3.97 0.00	92.62 5.45 -0.59	100.12 5.49 0.00	93.71 5.39 0.00	79.04 4.26 0.00	64.27 2.94 0.00	50.80 2.74 0.00	44.14 2.66 0.00	38.99 1.57 0.00
HARSNRAD_115KV_TB1 81005	31.60 -0.03 0.00	29.65 0.03 0.00	26.18 -0.75 0.00	24.80 -1.20 0.00	24.46 -1.23 0.00	26.28 -0.43 0.00	30.74 0.36 0.00	32.96 -0.54 0.00	35.30 -0.83 0.00	37.03 -0.53 0.00	41.80 -0.08 0.00	43.89 0.69 0.00	50.40 0.74 0.00	58.66 1.32 0.00	65.20 1.09 0.00	69.22 1.89 0.00	86.57 0.00 0.00	94.82 0.19 0.00	88.41 0.09 0.00	74.71 -0.07 0.00	62.49 1.17 0.00	47.73 -0.34 0.00	40.62 -0.87 0.00	37.05 -0.37 0.00

HARZA MOOSE___RIVER 24016	32.26 0.63 0.00	30.15 0.53 0.00	27.26 0.32 0.00	26.28 0.29 0.00	25.98 0.28 0.00	27.11 0.40 0.00	30.95 0.58 0.00	34.14 0.64 0.00	36.78 0.65 0.00	38.19 0.64 0.00	42.72 0.84 0.00	44.02 0.82 0.00	50.45 0.79 0.00	58.61 1.26 0.00	65.46 1.35 0.00	68.55 1.21 0.00	88.22 1.64 0.00	96.71 2.08 0.00	90.62 2.30 0.00	76.58 1.79 0.00	63.04 1.72 0.00	49.02 0.96 0.00	42.40 0.91 0.00	38.25 0.82 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.76 0.13 0.00	29.71 0.09 0.00	26.91 -0.03 0.00	25.86 -0.13 0.00	25.62 -0.08 0.00	26.76 0.05 0.00	30.56 0.18 0.00	33.60 0.10 0.00	36.20 0.07 0.00	37.78 0.23 0.00	42.34 0.46 0.00	43.89 0.69 0.00	50.55 0.89 0.00	58.38 1.03 0.00	65.33 1.22 0.00	68.75 1.41 0.00	87.78 1.21 0.00	96.05 1.42 0.00	89.73 1.41 0.00	75.90 1.12 0.00	62.67 1.35 0.00	48.83 0.77 0.00	41.90 0.41 0.00	37.72 0.30 0.00
HELLGATE_13_KV_LD 55870	33.40 1.77 0.00	31.10 1.48 0.00	28.40 1.45 0.00	27.58 1.59 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.71 2.24 -0.34	40.48 2.48 -0.45	45.01 3.10 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	58.74 2.87 1.48	59.61 3.33 7.83	62.90 3.84 8.27	80.58 5.28 11.28	86.08 5.11 13.66	77.86 5.30 15.76	64.04 4.11 14.86	57.35 2.33 6.30	50.70 2.64 0.00	44.64 3.15 0.00	39.33 1.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.40 1.77 0.00	31.10 1.48 0.00	28.40 1.45 0.00	27.58 1.59 0.00	27.25 1.54 -0.01	28.04 1.34 0.00	31.83 1.46 0.00	35.73 2.04 -0.19	38.71 2.24 -0.34	40.48 2.48 -0.45	45.01 3.10 -0.02	46.26 3.07 0.00	52.83 3.18 0.01	58.74 2.87 1.48	59.61 3.33 7.83	62.90 3.84 8.27	80.58 5.28 11.28	86.08 5.11 13.66	77.86 5.30 15.76	64.04 4.11 14.86	57.35 2.33 6.30	50.70 2.64 0.00	44.64 3.15 0.00	39.33 1.91 0.00
HEMPSTEAD___ 23647	35.28 1.93 -1.72	31.08 1.45 -0.01	28.45 1.51 0.00	27.24 1.25 0.00	26.83 1.13 0.00	28.04 1.33 0.00	32.13 1.76 0.00	35.90 2.21 -0.19	38.79 2.31 -0.34	40.26 2.25 -0.45	44.92 3.02 -0.02	46.26 3.07 0.00	52.84 3.18 0.00	60.73 3.38 0.00	68.09 3.98 0.00	72.67 5.32 -0.02	93.85 6.58 -0.70	101.15 6.52 0.00	94.76 6.44 0.00	79.72 4.93 0.00	64.88 3.56 0.00	51.09 3.03 0.00	44.77 3.28 0.00	40.16 2.43 -0.30
HEWLETT__69_KV_BK3 55828	35.69 2.34 -1.72	31.75 2.13 0.00	28.82 1.89 0.00	27.81 1.82 0.00	27.52 1.82 0.00	28.42 1.71 0.00	32.44 2.07 0.00	36.30 2.61 -0.19	39.11 2.64 -0.34	40.48 2.48 -0.45	44.96 3.06 -0.02	46.78 3.59 0.00	53.53 3.87 0.00	61.65 4.30 0.00	69.11 5.00 0.00	73.54 6.19 -0.02	94.89 7.62 -0.70	102.48 7.85 0.00	96.01 7.68 0.00	80.54 5.76 0.00	65.55 4.23 0.00	51.81 3.75 0.00	45.22 3.73 0.00	40.57 2.84 -0.30
HICKLING___1 23621	32.64 1.01 0.00	30.54 0.92 0.00	27.40 0.46 0.00	26.18 0.18 0.00	25.93 0.23 0.00	27.48 0.77 0.00	31.71 1.34 0.00	34.57 1.07 0.00	37.18 1.05 0.00	38.98 1.43 0.00	43.94 2.05 0.00	45.92 2.72 0.00	53.09 3.43 0.00	61.53 4.19 0.00	68.98 4.87 0.00	72.79 5.45 0.00	92.11 5.54 0.00	100.78 6.15 0.00	94.06 5.74 0.00	79.42 4.64 0.00	65.92 4.60 0.00	50.75 2.69 0.00	43.15 1.66 0.00	38.92 1.50 0.00
HICKLING___2 23622	32.64 1.01 0.00	30.54 0.92 0.00	27.40 0.46 0.00	26.18 0.18 0.00	25.93 0.23 0.00	27.48 0.77 0.00	31.71 1.34 0.00	34.57 1.07 0.00	37.18 1.05 0.00	38.98 1.43 0.00	43.94 2.05 0.00	45.92 2.72 0.00	53.09 3.43 0.00	61.53 4.19 0.00	68.98 4.87 0.00	72.79 5.45 0.00	92.11 5.54 0.00	100.78 6.15 0.00	94.06 5.74 0.00	79.42 4.64 0.00	65.92 4.60 0.00	50.75 2.69 0.00	43.15 1.66 0.00	38.92 1.50 0.00
HIGH FALLS___HY 23754	33.02 1.39 0.00	30.83 1.21 0.00	28.18 1.24 0.00	27.35 1.35 0.00	26.98 1.28 0.00	27.77 1.07 0.00	31.41 1.03 0.00	35.08 1.51 -0.08	37.86 1.59 -0.14	39.54 1.80 -0.19	44.28 2.39 -0.01	45.83 2.64 0.00	52.54 2.88 0.00	60.16 2.81 0.00	67.44 3.33 0.00	70.97 3.64 0.00	92.31 5.45 -0.29	99.83 5.20 0.00	93.44 5.12 0.00	78.82 4.04 0.00	64.51 3.19 0.00	50.90 2.84 0.00	44.14 2.66 0.00	38.99 1.57 0.00
HILLBURN___GT 23639	32.67 1.04 0.00	30.42 0.80 0.00	27.88 0.94 0.00	26.80 0.81 0.00	26.44 0.75 0.00	27.59 0.88 0.00	31.28 0.91 0.00	35.04 1.37 -0.16	38.02 1.59 -0.30	39.75 1.80 -0.40	44.59 2.68 -0.02	45.79 2.59 0.00	52.64 2.98 0.00	60.16 2.81 0.00	67.31 3.20 0.00	71.17 3.84 0.00	92.38 5.19 -0.61	99.74 5.11 0.00	93.53 5.21 0.00	78.82 4.04 0.00	63.96 2.64 0.00	50.56 2.50 0.00	44.10 2.62 0.00	38.84 1.42 0.00
HILLSIDE_115KV_TB1 80332	32.04 0.41 0.00	29.97 0.36 0.00	26.94 0.00 0.00	25.79 -0.21 0.00	25.54 -0.15 0.00	27.00 0.29 0.00	31.10 0.73 0.00	33.97 0.47 0.00	36.53 0.40 0.00	38.23 0.68 0.00	43.06 1.17 0.00	45.01 1.81 0.00	52.04 2.38 0.00	60.27 2.92 0.00	67.51 3.40 0.00	71.24 3.91 0.00	90.29 3.72 0.00	98.70 4.07 0.00	92.12 3.80 0.00	77.70 2.92 0.00	64.45 3.13 0.00	49.65 1.59 0.00	42.32 0.83 0.00	38.13 0.71 0.00
HISHELDN_WT_PWR 323625	32.07 0.44 0.00	30.03 0.41 0.00	26.59 -0.35 0.00	26.05 0.05 0.00	25.90 0.20 0.00	26.81 0.11 0.00	30.80 0.43 0.00	33.70 0.20 0.00	36.31 0.18 0.00	37.97 0.41 0.00	42.89 1.00 0.00	45.01 1.81 0.00	51.84 2.18 0.00	60.21 2.87 0.00	67.70 3.59 0.00	71.17 3.84 0.00	89.08 2.51 0.00	97.66 3.03 0.00	91.15 2.83 0.00	77.02 2.24 0.00	64.21 2.88 0.00	49.21 1.15 0.00	42.15 0.66 0.00	38.13 0.71 0.00
HOLTSVILLE_IC_1 23690	35.91 2.56 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.39 1.68 0.00	32.71 2.34 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.38 2.37 -0.45	50.52 3.14 -5.49	54.97 3.33 -8.45	67.64 3.38 -14.60	133.65 3.67 -72.63	183.88 4.42 -115.35	290.77 6.06 -217.38	309.19 7.10 -215.52	294.26 7.19 -192.44	292.30 7.24 -196.74	231.21 5.61 -150.82	140.75 4.23 -75.20	151.89 3.36 -100.46	52.15 3.61 -7.05	47.67 3.07 -7.17
HOLTSVILLE_IC_10 23699	36.19 2.85 -1.72	31.76 2.13 -0.01	29.07 2.13 0.00	27.76 1.77 0.00	27.34 1.65 0.00	28.63 1.92 0.00	32.99 2.61 0.00	36.83 3.15 -0.19	39.65 3.18 -0.34	40.79 2.78 -0.46	51.44 3.64 -5.92	56.10 3.80 -9.10	69.36 3.97 -15.72	139.91 4.36 -78.21	171.46 5.19 -102.16	286.36 7.00 -212.03	326.91 8.31 -232.03	310.38 8.52 -207.23	308.57 8.39 -211.86	221.64 6.50 -140.35	125.22 4.96 -58.93	160.14 3.89 -108.18	53.15 4.07 -7.59	48.52 3.48 -7.62
HOLTSVILLE_IC_2 23691	35.91 2.56 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.39 1.68 0.00	32.71 2.34 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.38 2.37 -0.45	50.52 3.14 -5.49	54.97 3.33 -8.45	67.64 3.38 -14.60	133.65 3.67 -72.63	183.88 4.42 -115.35	290.77 6.06 -217.38	309.19 7.10 -215.52	294.26 7.19 -192.44	292.30 7.24 -196.74	231.21 5.61 -150.82	140.75 4.23 -75.20	151.89 3.36 -100.46	52.15 3.61 -7.05	47.67 3.07 -7.17

HOLTSVILLE_IC_3 23692	35.91 2.56 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.39 1.68 0.00	32.71 2.34 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.38 2.37 -0.45	50.52 3.14 -5.49	54.97 3.33 -8.45	67.64 3.38 -14.60	133.65 3.67 -72.63	183.88 4.42 -115.35	290.77 6.06 -217.38	309.19 7.10 -215.52	294.26 7.19 -192.44	292.30 7.24 -196.74	231.21 5.61 -150.82	140.75 4.23 -75.20	151.89 3.36 -100.46	52.15 3.61 -7.05	47.67 3.07 -7.17
HOLTSVILLE_IC_4 23693	35.91 2.56 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.39 1.68 0.00	32.71 2.34 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.38 2.37 -0.45	50.52 3.14 -5.49	54.97 3.33 -8.45	67.64 3.38 -14.60	133.65 3.67 -72.63	183.88 4.42 -115.35	290.77 6.06 -217.38	309.19 7.10 -215.52	294.26 7.19 -192.44	292.30 7.24 -196.74	231.21 5.61 -150.82	140.75 4.23 -75.20	151.89 3.36 -100.46	52.15 3.61 -7.05	47.67 3.07 -7.17
HOLTSVILLE_IC_5 23694	35.91 2.56 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.39 1.68 0.00	32.71 2.34 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.38 2.37 -0.45	50.52 3.14 -5.49	54.97 3.33 -8.45	67.64 3.38 -14.60	133.65 3.67 -72.63	183.88 4.42 -115.35	290.77 6.06 -217.38	309.19 7.10 -215.52	294.26 7.19 -192.44	292.30 7.24 -196.74	231.21 5.61 -150.82	140.75 4.23 -75.20	151.89 3.36 -100.46	52.15 3.61 -7.05	47.67 3.07 -7.17
HOLTSVILLE_IC_6 23695	36.19 2.85 -1.72	31.76 2.13 -0.01	29.07 2.13 0.00	27.76 1.77 0.00	27.34 1.65 0.00	28.63 1.92 0.00	32.99 2.61 0.00	36.83 3.15 -0.19	39.65 3.18 -0.34	40.79 2.78 -0.46	51.44 3.64 -5.92	56.10 3.80 -9.10	69.36 3.97 -15.72	139.91 4.36 -78.21	171.46 5.19 -102.16	286.36 7.00 -212.03	326.91 8.31 -232.03	310.38 8.52 -207.23	308.57 8.39 -211.86	221.64 6.50 -140.35	125.22 4.96 -58.93	160.14 3.89 -108.18	53.15 4.07 -7.59	48.52 3.48 -7.62
HOLTSVILLE_IC_7 23696	36.19 2.85 -1.72	31.76 2.13 -0.01	29.07 2.13 0.00	27.76 1.77 0.00	27.34 1.65 0.00	28.63 1.92 0.00	32.99 2.61 0.00	36.83 3.15 -0.19	39.65 3.18 -0.34	40.79 2.78 -0.46	51.44 3.64 -5.92	56.10 3.80 -9.10	69.36 3.97 -15.72	139.91 4.36 -78.21	171.46 5.19 -102.16	286.36 7.00 -212.03	326.91 8.31 -232.03	310.38 8.52 -207.23	308.57 8.39 -211.86	221.64 6.50 -140.35	125.22 4.96 -58.93	160.14 3.89 -108.18	53.15 4.07 -7.59	48.52 3.48 -7.62
HOLTSVILLE_IC_8 23697	36.19 2.85 -1.72	31.76 2.13 -0.01	29.07 2.13 0.00	27.76 1.77 0.00	27.34 1.65 0.00	28.63 1.92 0.00	32.99 2.61 0.00	36.83 3.15 -0.19	39.65 3.18 -0.34	40.79 2.78 -0.46	51.44 3.64 -5.92	56.10 3.80 -9.10	69.36 3.97 -15.72	139.91 4.36 -78.21	171.46 5.19 -102.16	286.36 7.00 -212.03	326.91 8.31 -232.03	310.38 8.52 -207.23	308.57 8.39 -211.86	221.64 6.50 -140.35	125.22 4.96 -58.93	160.14 3.89 -108.18	53.15 4.07 -7.59	48.52 3.48 -7.62
HOLTSVILLE_IC_9 23698	36.19 2.85 -1.72	31.76 2.13 -0.01	29.07 2.13 0.00	27.76 1.77 0.00	27.34 1.65 0.00	28.63 1.92 0.00	32.99 2.61 0.00	36.83 3.15 -0.19	39.65 3.18 -0.34	40.79 2.78 -0.46	51.44 3.64 -5.92	56.10 3.80 -9.10	69.36 3.97 -15.72	139.91 4.36 -78.21	171.46 5.19 -102.16	286.36 7.00 -212.03	326.91 8.31 -232.03	310.38 8.52 -207.23	308.57 8.39 -211.86	221.64 6.50 -140.35	125.22 4.96 -58.93	160.14 3.89 -108.18	53.15 4.07 -7.59	48.52 3.48 -7.62
HOMER_HL_115KV_TB2 355744	32.29 0.66 0.00	30.27 0.65 0.00	26.94 0.00 0.00	25.60 -0.39 0.00	25.36 -0.33 0.00	27.19 0.48 0.00	31.68 1.31 0.00	34.20 0.70 0.00	36.46 0.33 0.00	38.27 0.71 0.00	43.27 1.38 0.00	45.49 2.29 0.00	52.64 2.98 0.00	61.30 3.96 0.00	68.41 4.30 0.00	72.59 5.25 0.00	91.16 4.59 0.00	99.74 5.11 0.00	92.83 4.50 0.00	78.15 3.37 0.00	65.00 3.68 0.00	49.50 1.44 0.00	41.94 0.46 0.00	38.10 0.67 0.00
HOWARD_WT_PWR 323690	32.90 1.27 0.00	30.77 1.15 0.00	27.40 0.46 0.00	26.75 0.75 0.00	26.60 0.90 0.00	27.69 0.99 0.00	31.83 1.46 0.00	34.87 1.37 0.00	37.54 1.41 0.00	39.28 1.73 0.00	44.44 2.56 0.00	46.48 3.28 0.00	53.73 4.07 0.00	62.22 4.87 0.00	70.07 5.96 0.00	73.66 6.33 0.00	92.72 6.15 0.00	101.63 7.00 0.00	94.95 6.63 0.00	80.17 5.39 0.00	66.72 5.40 0.00	51.33 3.27 0.00	43.81 2.32 0.00	39.44 2.02 0.00
HQ_GEN_CEDARS 23644	31.22 -0.41 0.00	29.29 -0.33 0.00	26.51 -0.43 0.00	25.58 -0.42 0.00	25.24 -0.46 0.00	26.23 -0.48 0.00	29.80 -0.58 0.00	32.83 -0.67 0.00	35.37 -0.76 0.00	36.58 -0.98 0.00	40.42 -1.47 0.00	40.43 -2.76 0.00	46.48 -3.18 0.00	55.40 -1.95 0.00	61.67 -2.44 0.00	64.51 -2.83 0.00	83.20 -3.38 0.00	91.13 -3.50 0.00	84.70 -3.62 0.00	72.09 -2.69 0.00	58.07 -3.25 0.00	45.23 -2.84 0.00	39.54 -1.95 0.00	36.53 -0.90 0.00
HQ_GEN_CEDARS_PROXY 323590	31.16 -0.47 0.00	29.29 -0.33 0.00	26.51 -0.43 0.00	25.55 -0.44 0.00	25.21 -0.49 0.00	26.23 -0.48 0.00	29.83 -0.55 0.00	32.83 -0.67 0.00	35.34 -0.80 0.00	36.58 -0.98 0.00	38.13 -2.26 1.49	41.92 -2.77 -1.49	46.08 -3.08 0.50	56.01 -1.84 -0.50	61.74 -2.37 0.00	64.51 -2.83 0.00	83.19 -3.38 0.00	91.13 -3.50 0.00	84.70 -3.62 0.00	72.09 -2.69 0.00	58.07 -3.25 0.00	45.23 -2.84 0.00	38.83 -2.66 0.00	36.45 -0.97 0.00
HQ_GEN_IMPORT 323601	31.22 -0.41 0.00	29.29 -0.33 0.00	26.62 -0.32 0.00	25.68 -0.31 0.00	25.36 -0.33 0.00	26.39 -0.32 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.62 -0.51 0.00	37.35 -0.67 -0.47	38.67 -1.26 1.96	43.30 -1.38 -1.49	47.57 -1.59 0.50	56.41 -1.43 -0.50	62.25 -1.86 0.00	65.32 -2.02 0.00	84.41 -2.16 0.00	92.27 -2.36 0.00	85.76 -2.56 0.00	72.77 -2.02 0.00	59.36 -1.96 0.00	46.57 -1.49 0.00	39.56 -1.33 0.60	37.35 -0.67 -0.60
HQ_GEN_WHEEL 23651	31.22 -0.41 0.00	29.29 -0.33 0.00	26.62 -0.32 0.00	25.68 -0.31 0.00	25.36 -0.33 0.00	26.39 -0.32 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.62 -0.51 0.00	37.35 -0.67 -0.47	38.67 -1.26 1.96	43.30 -1.38 -1.49	47.57 -1.59 0.50	56.41 -1.43 -0.50	62.25 -1.86 0.00	65.32 -2.02 0.00	84.41 -2.16 0.00	92.27 -2.36 0.00	85.76 -2.56 0.00	72.77 -2.02 0.00	59.36 -1.96 0.00	46.57 -1.49 0.00	39.56 -1.33 0.60	37.35 -0.67 -0.60
HUDSON_AVE_GT_3 23810	33.31 1.68 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.50 1.51 0.00	27.16 1.46 0.00	27.99 1.28 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.52 2.52 -0.45	45.13 3.22 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	60.84 3.50 0.00	68.15 4.04 0.00	71.85 4.51 0.00	93.42 6.15 -0.70	100.69 6.06 0.00	94.50 6.18 0.00	79.64 4.86 0.00	64.21 2.88 0.00	51.09 3.03 0.00	44.77 3.28 0.00	39.33 1.91 0.00
HUDSON_AVE_GT_4 23540	33.31 1.68 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.50 1.51 0.00	27.16 1.46 0.00	27.99 1.28 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.52 2.52 -0.45	45.13 3.22 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	60.84 3.50 0.00	68.15 4.04 0.00	71.85 4.51 0.00	93.42 6.15 -0.70	100.69 6.06 0.00	94.50 6.18 0.00	79.64 4.86 0.00	64.21 2.88 0.00	51.09 3.03 0.00	44.77 3.28 0.00	39.33 1.91 0.00

HUDSON AVE_GT_5 23657	33.31 1.68 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.50 1.51 0.00	27.16 1.46 0.00	27.99 1.28 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.52 2.52 -0.45	45.13 3.22 -0.02	46.57 3.37 0.00	53.33 3.67 0.00	60.84 3.50 0.00	68.15 4.04 0.00	71.85 4.51 0.00	93.42 6.15 -0.70	100.69 6.06 0.00	94.50 6.18 0.00	79.64 4.86 0.00	64.21 2.88 0.00	51.09 3.03 0.00	44.77 3.28 0.00	39.33 1.91 0.00
HUDSON_AVE_10 24168	33.24 1.61 0.00	30.95 1.33 0.00	28.26 1.32 0.00	27.45 1.46 0.00	27.11 1.41 0.00	27.93 1.23 0.00	31.71 1.34 0.00	35.66 1.98 -0.19	38.71 2.24 -0.34	40.48 2.48 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.24 3.58 0.00	60.67 3.33 0.00	67.96 3.85 0.00	71.71 4.38 0.00	93.25 5.97 -0.70	100.50 5.87 0.00	94.33 6.01 0.00	79.49 4.71 0.00	64.02 2.70 0.00	50.95 2.88 0.00	44.68 3.19 0.00	39.26 1.83 0.00
HUDSON___115KV_TB 4 355613	32.83 1.20 0.00	30.71 1.10 0.00	28.07 1.13 0.00	27.16 1.17 0.00	26.83 1.13 0.00	27.69 0.99 0.00	31.32 0.94 0.00	34.70 1.34 0.14	37.31 1.45 0.26	38.67 1.46 0.35	43.83 1.97 0.02	44.92 1.73 0.00	51.50 1.84 0.00	59.01 1.66 0.00	66.48 2.37 0.00	69.69 2.36 0.00	89.49 3.46 0.54	98.32 3.69 0.00	92.12 3.80 0.00	78.00 3.22 0.00	64.21 2.88 0.00	50.66 2.60 0.00	43.77 2.28 0.00	39.03 1.61 0.00
HUNTER MOUNT___DRP 323613	33.15 1.52 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.40 1.40 0.00	27.06 1.36 0.00	27.88 1.18 0.00	31.53 1.15 0.00	35.08 1.68 0.10	37.69 1.73 0.18	39.12 1.80 0.23	44.22 2.35 0.01	45.18 1.99 0.00	51.80 2.14 0.00	59.41 2.06 0.00	66.99 2.88 0.00	70.09 2.76 0.00	90.62 4.42 0.36	99.17 4.54 0.00	92.91 4.59 0.00	78.67 3.89 0.00	64.88 3.56 0.00	51.23 3.17 0.00	44.23 2.74 0.00	39.48 2.06 0.00
HUNTINGTON_RES_REC 323705	35.88 2.53 -1.72	31.52 1.90 -0.01	28.82 1.89 0.00	27.55 1.56 0.00	27.14 1.44 0.00	28.39 1.68 0.00	32.68 2.31 0.00	36.53 2.85 -0.19	39.22 2.74 -0.34	40.48 2.48 -0.45	40.82 3.02 4.08	68.24 3.11 -21.93	90.78 3.23 -37.89	249.28 3.50 -188.43	328.00 4.30 -259.60	283.46 6.26 -209.86	651.88 7.27 -558.03	601.38 7.47 -499.28	606.24 7.50 -510.41	467.83 5.84 -387.21	256.84 4.47 -191.04	312.07 3.36 -260.64	63.24 3.44 -18.31	37.28 2.96 3.10
HUNTLEY___63 23557	31.95 0.32 0.00	29.94 0.33 0.00	26.45 -0.48 0.00	25.03 -0.96 0.00	24.82 -0.87 0.00	26.65 -0.05 0.00	31.10 0.73 0.00	33.37 -0.13 0.00	35.91 -0.22 0.00	37.63 0.08 0.00	42.47 0.59 0.00	44.58 1.38 0.00	51.10 1.44 0.00	59.47 2.12 0.00	66.10 1.99 0.00	70.16 2.83 0.00	87.70 1.13 0.00	96.14 1.51 0.00	89.47 1.15 0.00	75.61 0.82 0.00	63.22 1.90 0.00	48.30 0.24 0.00	41.24 -0.25 0.00	37.65 0.22 0.00
HUNTLEY___64 23558	31.95 0.32 0.00	29.94 0.33 0.00	26.45 -0.48 0.00	25.03 -0.96 0.00	24.82 -0.87 0.00	26.65 -0.05 0.00	31.10 0.73 0.00	33.37 -0.13 0.00	35.91 -0.22 0.00	37.63 0.08 0.00	42.47 0.59 0.00	44.58 1.38 0.00	51.10 1.44 0.00	59.47 2.12 0.00	66.10 1.99 0.00	70.16 2.83 0.00	87.70 1.13 0.00	96.14 1.51 0.00	89.47 1.15 0.00	75.61 0.82 0.00	63.22 1.90 0.00	48.30 0.24 0.00	41.24 -0.25 0.00	37.65 0.22 0.00
HUNTLEY___65 23559	31.95 0.32 0.00	29.94 0.33 0.00	26.45 -0.48 0.00	25.03 -0.96 0.00	24.82 -0.87 0.00	26.65 -0.05 0.00	31.10 0.73 0.00	33.37 -0.13 0.00	35.91 -0.22 0.00	37.63 0.08 0.00	42.47 0.59 0.00	44.58 1.38 0.00	51.10 1.44 0.00	59.47 2.12 0.00	66.10 1.99 0.00	70.16 2.83 0.00	87.70 1.13 0.00	96.14 1.51 0.00	89.47 1.15 0.00	75.61 0.82 0.00	63.22 1.90 0.00	48.30 0.24 0.00	41.24 -0.25 0.00	37.65 0.22 0.00
HUNTLEY___66 23560	31.95 0.32 0.00	29.94 0.33 0.00	26.45 -0.48 0.00	25.03 -0.96 0.00	24.82 -0.87 0.00	26.65 -0.05 0.00	31.10 0.73 0.00	33.37 -0.13 0.00	35.91 -0.22 0.00	37.63 0.08 0.00	42.47 0.59 0.00	44.58 1.38 0.00	51.10 1.44 0.00	59.47 2.12 0.00	66.10 1.99 0.00	70.16 2.83 0.00	87.70 1.13 0.00	96.14 1.51 0.00	89.47 1.15 0.00	75.61 0.82 0.00	63.22 1.90 0.00	48.30 0.24 0.00	41.24 -0.25 0.00	37.65 0.22 0.00
HUNTLEY___67 23561	31.79 0.16 0.00	29.80 0.18 0.00	26.35 -0.59 0.00	24.98 -1.01 0.00	24.72 -0.98 0.00	26.52 -0.19 0.00	30.98 0.61 0.00	33.23 -0.27 0.00	35.73 -0.40 0.00	37.48 -0.08 0.00	42.26 0.38 0.00	44.41 1.21 0.00	51.10 1.44 0.00	59.41 2.06 0.00	66.16 2.05 0.00	70.16 2.83 0.00	87.78 1.21 0.00	96.14 1.51 0.00	89.56 1.24 0.00	75.68 0.90 0.00	63.22 1.90 0.00	48.35 0.29 0.00	41.07 -0.41 0.00	37.46 0.04 0.00
HUNTLEY___68 23562	31.79 0.16 0.00	29.80 0.18 0.00	26.35 -0.59 0.00	24.98 -1.01 0.00	24.72 -0.98 0.00	26.52 -0.19 0.00	30.98 0.61 0.00	33.23 -0.27 0.00	35.73 -0.40 0.00	37.48 -0.08 0.00	42.26 0.38 0.00	44.41 1.21 0.00	51.10 1.44 0.00	59.41 2.06 0.00	66.16 2.05 0.00	70.16 2.83 0.00	87.78 1.21 0.00	96.14 1.51 0.00	89.56 1.24 0.00	75.68 0.90 0.00	63.22 1.90 0.00	48.35 0.29 0.00	41.07 -0.41 0.00	37.46 0.04 0.00
HYLAND___LFGE 323620	34.13 2.50 0.00	31.87 2.25 0.00	28.31 1.37 0.00	27.61 1.61 0.00	27.39 1.70 0.00	28.50 1.79 0.00	32.89 2.52 0.00	35.41 1.91 0.00	37.90 1.77 0.00	39.54 1.99 0.00	44.57 2.68 0.00	46.48 3.28 0.00	53.73 4.07 0.00	59.47 2.12 0.00	67.19 3.08 0.00	71.10 3.77 0.00	89.34 2.77 0.00	98.51 3.88 0.00	92.47 4.15 0.00	78.37 3.59 0.00	65.61 4.29 0.00	52.68 4.61 0.00	44.77 3.28 0.00	40.08 2.66 0.00
INDECK___CORINTH 23802	32.90 1.27 0.00	30.72 1.10 0.00	28.10 1.16 0.00	27.03 1.04 0.00	26.75 1.05 0.00	27.85 1.15 0.00	31.65 1.28 0.00	34.79 1.51 0.22	37.47 1.73 0.40	39.05 2.03 0.53	44.62 2.76 0.03	46.18 2.98 0.00	53.19 3.53 0.00	61.25 3.90 0.00	67.89 3.78 0.00	71.17 3.84 0.00	90.69 4.93 0.82	100.59 5.97 0.00	94.41 6.09 0.00	79.87 5.09 0.00	65.98 4.66 0.00	51.76 3.70 0.00	44.64 3.15 0.00	39.74 2.32 0.00
INDECK___ILION 23567	31.57 -0.06 0.00	29.56 -0.06 0.00	26.88 -0.05 0.00	25.94 -0.05 0.00	25.65 -0.05 0.00	26.65 -0.05 0.00	30.34 -0.03 0.00	33.50 0.00 0.00	36.13 0.00 0.00	37.59 0.04 0.00	42.01 0.13 0.00	43.37 0.17 0.00	49.86 0.20 0.00	57.46 0.11 0.00	64.24 0.13 0.00	67.40 0.07 0.00	86.66 0.09 0.00	94.72 0.09 0.00	88.50 0.18 0.00	74.86 0.07 0.00	61.57 0.25 0.00	48.21 0.14 0.00	41.61 0.12 0.00	37.46 0.04 0.00
INDECK___OLEAN 23982	32.32 0.69 0.00	30.27 0.65 0.00	26.83 -0.11 0.00	26.18 0.18 0.00	26.03 0.33 0.00	27.13 0.43 0.00	31.26 0.88 0.00	34.20 0.70 0.00	36.57 0.44 0.00	38.27 0.71 0.00	43.39 1.51 0.00	45.48 2.29 0.00	52.64 2.98 0.00	61.30 3.95 0.00	68.98 4.87 0.00	72.59 5.26 0.00	91.07 4.50 0.00	99.64 5.01 0.00	92.82 4.50 0.00	78.22 3.44 0.00	65.00 3.68 0.00	49.60 1.54 0.00	42.40 0.91 0.00	38.28 0.86 0.00

INDECK___OSWEGO 23783	31.57 -0.06 0.00	29.50 -0.12 0.00	26.72 -0.22 0.00	25.81 -0.18 0.00	25.57 -0.13 0.00	26.57 -0.13 0.00	30.28 -0.09 0.00	33.37 -0.13 0.00	35.95 -0.18 0.00	37.44 -0.11 0.00	41.97 0.08 0.00	43.46 0.26 0.00	50.01 0.35 0.00	57.69 0.35 0.00	64.62 0.51 0.00	67.81 0.47 0.00	86.75 0.17 0.00	94.91 0.28 0.00	88.68 0.35 0.00	75.08 0.30 0.00	61.94 0.61 0.00	48.30 0.24 0.00	41.61 0.12 0.00	37.39 -0.04 0.00
INDECK___YERKES 23781	32.04 0.41 0.00	30.09 0.47 0.00	26.45 -0.48 0.00	25.99 0.00 0.00	25.83 0.13 0.00	26.65 -0.05 0.00	30.62 0.24 0.00	33.43 -0.07 0.00	36.02 -0.11 0.00	37.71 0.15 0.00	42.51 0.63 0.00	44.67 1.47 0.00	51.15 1.49 0.00	59.47 2.12 0.00	66.80 2.69 0.00	70.16 2.83 0.00	87.61 1.04 0.00	96.05 1.42 0.00	89.47 1.15 0.00	75.68 0.90 0.00	63.23 1.90 0.00	48.68 0.62 0.00	41.82 0.33 0.00	37.91 0.49 0.00
INDIAN POINT_GT_1 24139	32.93 1.30 0.00	30.71 1.10 0.00	28.10 1.16 0.00	27.27 1.27 0.00	26.91 1.21 0.00	27.77 1.07 0.00	31.47 1.09 0.00	35.26 1.57 -0.18	38.27 1.81 -0.33	39.99 1.99 -0.44	44.59 2.68 -0.02	46.09 2.89 0.00	52.89 3.23 0.00	60.44 3.10 0.00	67.76 3.65 0.00	71.44 4.11 0.00	92.71 5.45 -0.68	100.12 5.49 0.00	93.89 5.56 0.00	79.12 4.34 0.00	64.21 2.88 0.00	50.85 2.79 0.00	44.27 2.78 0.00	39.11 1.68 0.00
INDIAN POINT_GT_2 23659	32.93 1.30 0.00	30.71 1.10 0.00	28.10 1.16 0.00	27.27 1.27 0.00	26.91 1.21 0.00	27.77 1.07 0.00	31.47 1.09 0.00	35.26 1.57 -0.18	38.27 1.81 -0.33	39.99 1.99 -0.44	44.59 2.68 -0.02	46.09 2.89 0.00	52.89 3.23 0.00	60.44 3.10 0.00	67.76 3.65 0.00	71.44 4.11 0.00	92.71 5.45 -0.68	100.12 5.49 0.00	93.89 5.56 0.00	79.12 4.34 0.00	64.21 2.88 0.00	50.85 2.79 0.00	44.27 2.78 0.00	39.11 1.68 0.00
INDIAN POINT_GT_3 24019	32.93 1.30 0.00	30.71 1.10 0.00	28.10 1.16 0.00	27.27 1.27 0.00	26.91 1.21 0.00	27.77 1.07 0.00	31.47 1.09 0.00	35.26 1.57 -0.18	38.27 1.81 -0.33	39.99 1.99 -0.44	44.59 2.68 -0.02	46.09 2.89 0.00	52.89 3.23 0.00	60.44 3.10 0.00	67.76 3.65 0.00	71.44 4.11 0.00	92.71 5.45 -0.68	100.12 5.49 0.00	93.89 5.56 0.00	79.12 4.34 0.00	64.21 2.88 0.00	50.85 2.79 0.00	44.27 2.78 0.00	39.11 1.68 0.00
INDIAN POINT___2 23530	32.77 1.14 0.00	30.54 0.92 0.00	27.96 1.02 0.00	26.88 0.88 0.00	26.52 0.82 0.00	27.67 0.96 0.00	31.41 1.03 0.00	35.15 1.47 -0.18	38.15 1.70 -0.32	39.89 1.91 -0.42	44.71 2.81 -0.02	45.92 2.72 0.00	52.69 3.03 0.00	60.27 2.92 0.00	67.44 3.33 0.00	71.31 3.97 0.00	92.51 5.28 -0.66	99.83 5.20 0.00	93.62 5.30 0.00	78.89 4.11 0.00	64.02 2.70 0.00	50.66 2.59 0.00	44.23 2.74 0.00	38.96 1.53 0.00
INDIAN POINT___3 23531	32.86 1.23 0.00	30.68 1.07 0.00	28.07 1.13 0.00	27.24 1.25 0.00	26.91 1.21 0.00	27.75 1.04 0.00	31.41 1.03 0.00	35.19 1.51 -0.18	38.20 1.73 -0.33	39.91 1.92 -0.44	44.46 2.55 -0.02	45.96 2.76 0.00	52.74 3.08 0.00	60.27 2.92 0.00	67.57 3.46 0.00	71.24 3.91 0.00	92.45 5.19 -0.69	99.74 5.11 0.00	93.53 5.21 0.00	78.82 4.04 0.00	64.02 2.70 0.00	50.71 2.64 0.00	44.14 2.66 0.00	38.99 1.57 0.00
INGHAM_C_115KV_TB7 356103	31.12 -0.51 0.00	29.14 -0.47 0.00	26.51 -0.43 0.00	25.58 -0.42 0.00	25.31 -0.39 0.00	26.31 -0.40 0.00	29.89 -0.49 0.00	33.03 -0.47 0.00	35.62 -0.51 0.00	37.07 -0.49 0.00	41.42 -0.46 0.00	42.81 -0.39 0.00	49.11 -0.55 0.00	56.60 -0.75 0.00	63.21 -0.90 0.00	66.32 -1.01 0.00	85.27 -1.30 0.00	93.21 -1.42 0.00	87.08 -1.24 0.00	73.59 -1.20 0.00	60.59 -0.74 0.00	47.48 -0.58 0.00	41.03 -0.46 0.00	36.97 -0.45 0.00
IP CORINTH___1 23988	33.15 1.52 0.00	31.01 1.39 0.00	28.28 1.35 0.00	27.35 1.35 0.00	27.03 1.34 0.00	28.09 1.39 0.00	31.86 1.49 0.00	34.99 1.71 0.22	37.72 1.99 0.40	39.28 2.25 0.53	44.75 2.89 0.03	46.48 3.28 0.00	53.58 3.92 0.00	61.59 4.24 0.00	68.34 4.23 0.00	71.58 4.24 0.00	91.21 5.45 0.82	101.16 6.53 0.00	94.95 6.62 0.00	80.32 5.53 0.00	66.35 5.03 0.00	52.05 3.99 0.00	44.85 3.36 0.00	39.97 2.54 0.00
IP___TICONDEROGA 23804	35.20 3.57 0.00	32.88 3.26 0.00	29.85 2.91 0.00	28.80 2.81 0.00	28.53 2.83 0.00	29.80 3.10 0.00	33.93 3.55 0.00	37.23 3.95 0.22	40.17 4.44 0.41	41.97 4.96 0.54	47.84 5.99 0.03	49.94 6.74 0.00	57.85 8.19 0.00	66.75 9.40 0.00	74.69 10.58 0.00	77.91 10.57 0.00	99.50 13.76 0.84	110.91 16.28 0.00	104.13 15.81 0.00	87.94 13.16 0.00	73.10 11.77 0.00	56.57 8.51 0.00	48.25 6.76 0.00	42.96 5.54 0.00
ISLIP_RES_REC 323679	36.41 3.07 -1.72	31.97 2.34 -0.01	29.23 2.29 0.00	27.92 1.92 0.00	27.50 1.80 0.00	28.79 2.08 0.00	33.20 2.83 0.00	37.11 3.42 -0.19	39.98 3.50 -0.34	41.13 3.12 -0.46	51.33 4.06 -5.39	55.76 4.28 -8.28	68.49 4.52 -14.32	133.61 5.05 -71.21	166.78 6.02 -96.65	271.90 7.87 -196.69	307.34 9.44 -211.33	292.98 9.66 -188.69	290.68 9.45 -192.90	213.62 7.41 -131.43	124.25 5.64 -57.29	150.94 4.37 -98.50	52.84 4.44 -6.91	48.71 3.78 -7.51
JAMAICA___27_KV_LOAD 355505	33.50 1.87 0.00	31.16 1.54 0.00	28.45 1.51 0.00	27.63 1.64 0.00	27.29 1.59 0.00	28.15 1.44 0.00	32.01 1.64 0.00	36.00 2.31 -0.19	39.15 2.67 -0.34	40.94 2.93 -0.45	45.38 3.48 -0.02	46.83 3.63 0.00	53.63 3.97 0.00	61.13 3.78 0.00	68.47 4.36 0.00	72.32 4.98 0.00	94.11 6.84 -0.70	101.44 6.81 0.00	95.30 6.98 0.00	80.47 5.68 0.00	64.57 3.25 0.00	51.33 3.27 0.00	45.18 3.69 0.00	39.52 2.10 0.00
JANIS___SOLAR 323808	33.84 2.21 0.00	31.57 1.95 0.00	28.39 1.45 0.00	27.45 1.45 0.00	27.21 1.52 0.00	28.42 1.71 0.00	32.53 2.16 0.00	35.88 2.38 0.00	38.51 2.38 0.00	39.99 2.44 0.00	44.98 3.10 0.00	46.61 3.41 0.00	53.93 4.27 0.00	62.45 5.10 0.00	70.07 5.96 0.00	73.52 6.19 0.00	94.27 7.70 0.00	103.71 9.09 0.00	97.68 9.36 0.00	82.49 7.70 0.00	68.43 7.11 0.00	52.91 4.85 0.00	45.14 3.65 0.00	40.45 3.03 0.00
JARVIS____ 23743	31.72 0.10 0.00	29.71 0.09 0.00	27.02 0.08 0.00	26.07 0.08 0.00	25.78 0.08 0.00	26.79 0.08 0.00	30.47 0.09 0.00	33.63 0.13 0.00	36.28 0.15 0.00	37.74 0.19 0.00	42.22 0.33 0.00	43.54 0.34 0.00	50.06 0.40 0.00	57.69 0.35 0.00	64.56 0.45 0.00	67.74 0.41 0.00	87.09 0.52 0.00	95.20 0.57 0.00	88.94 0.62 0.00	75.23 0.45 0.00	61.81 0.49 0.00	48.44 0.38 0.00	41.82 0.33 0.00	37.61 0.19 0.00
JENNISON___1 23625	33.94 2.31 0.00	31.69 2.07 0.00	28.55 1.62 0.00	27.48 1.48 0.00	27.19 1.49 0.00	28.52 1.82 0.00	32.68 2.31 0.00	36.01 2.51 0.00	38.73 2.60 0.00	40.30 2.74 0.00	45.32 3.43 0.00	47.04 3.84 0.00	54.53 4.87 0.00	63.08 5.73 0.00	70.52 6.41 0.00	74.07 6.73 0.00	94.88 8.31 0.00	104.00 9.37 0.00	97.86 9.54 0.00	82.56 7.78 0.00	68.44 7.11 0.00	52.92 4.85 0.00	45.14 3.65 0.00	40.45 3.03 0.00

JENNISON____2 23626	33.94 2.31 0.00	31.69 2.07 0.00	28.55 1.62 0.00	27.48 1.48 0.00	27.19 1.49 0.00	28.52 1.82 0.00	32.68 2.31 0.00	36.01 2.51 0.00	38.73 2.60 0.00	40.30 2.74 0.00	45.32 3.43 0.00	47.04 3.84 0.00	54.53 4.87 0.00	63.08 5.73 0.00	70.52 6.41 0.00	74.07 6.73 0.00	94.88 8.31 0.00	104.00 9.37 0.00	97.86 9.54 0.00	82.56 7.78 0.00	68.44 7.11 0.00	52.92 4.85 0.00	45.14 3.65 0.00	40.45 3.03 0.00
JERICHO_RISE_WT_PWR 323719	31.03 -0.60 0.00	29.38 -0.24 0.00	26.62 -0.32 0.00	25.66 -0.34 0.00	25.36 -0.33 0.00	26.41 -0.29 0.00	30.07 -0.30 0.00	32.80 -0.71 0.00	35.34 -0.80 0.00	36.54 -1.01 0.00	40.13 -1.76 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.34 -2.01 0.00	61.61 -2.50 0.00	64.51 -2.83 0.00	83.11 -3.47 0.00	91.13 -3.50 0.00	84.53 -3.80 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	46.00 -2.07 0.00	39.46 -2.03 0.00	36.34 -1.09 0.00
KATONAH__115KV_46KV_TB4 355592	33.18 1.55 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.06 1.36 0.00	28.01 1.31 0.00	31.80 1.43 0.00	35.66 1.98 -0.18	38.74 2.28 -0.34	40.48 2.48 -0.45	45.38 3.48 -0.02	46.91 3.71 0.00	53.93 4.27 0.00	61.70 4.36 0.00	68.92 4.81 0.00	72.65 5.32 0.00	94.28 7.01 -0.69	102.01 7.38 0.00	95.56 7.24 0.00	80.62 5.83 0.00	65.62 4.29 0.00	51.91 3.84 0.00	44.93 3.44 0.00	39.67 2.25 0.00
KCE_NY_1 323755	33.09 1.46 0.00	30.92 1.30 0.00	28.26 1.32 0.00	27.22 1.22 0.00	26.91 1.21 0.00	27.99 1.28 0.00	31.77 1.40 0.00	34.91 1.64 0.23	37.55 1.84 0.42	39.10 2.10 0.55	44.66 2.81 0.03	46.18 2.98 0.00	53.08 3.42 0.00	61.02 3.67 0.00	68.27 4.16 0.00	71.71 4.37 0.00	91.34 5.62 0.86	101.07 6.44 0.00	94.86 6.54 0.00	80.24 5.46 0.00	66.11 4.79 0.00	51.81 3.75 0.00	44.68 3.19 0.00	39.82 2.40 0.00
KCE_NY_6_ESR 323823	32.29 0.67 0.00	30.24 0.62 0.00	26.70 -0.24 0.00	26.18 0.18 0.00	26.01 0.31 0.00	26.92 0.21 0.00	30.95 0.58 0.00	33.80 0.30 0.00	36.46 0.32 0.00	38.12 0.56 0.00	43.10 1.22 0.00	45.27 2.07 0.00	52.14 2.48 0.00	60.67 3.32 0.00	68.22 4.11 0.00	71.65 4.31 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.50 3.17 0.00	77.33 2.54 0.00	64.51 3.19 0.00	49.36 1.30 0.00	42.27 0.79 0.00	38.28 0.86 0.00
KEDC_PORT_JEFF_GT2 24210	36.03 2.69 -1.72	31.64 2.02 -0.01	28.93 1.99 0.00	27.63 1.64 0.00	27.21 1.52 0.00	28.50 1.79 0.00	32.83 2.46 0.00	36.67 2.98 -0.19	39.47 3.00 -0.34	40.60 2.59 -0.45	51.78 3.27 -6.62	56.67 3.28 -10.19	70.50 3.23 -17.61	148.39 3.44 -87.60	202.31 4.04 -134.16	330.34 5.79 -257.21	353.22 6.84 -259.81	333.65 6.90 -232.12	332.51 6.89 -237.29	256.95 5.23 -176.94	150.99 3.93 -85.74	172.45 3.22 -121.17	53.48 3.49 -8.51	48.56 3.22 -7.92
KEDC_PORT_JEFF_GT3 24211	36.03 2.69 -1.72	31.64 2.02 -0.01	28.93 1.99 0.00	27.63 1.64 0.00	27.21 1.52 0.00	28.50 1.79 0.00	32.83 2.46 0.00	36.67 2.98 -0.19	39.47 3.00 -0.34	40.60 2.59 -0.45	51.78 3.27 -6.62	56.67 3.28 -10.19	70.50 3.23 -17.61	148.39 3.44 -87.60	202.31 4.04 -134.16	330.34 5.79 -257.21	353.22 6.84 -259.81	333.65 6.90 -232.12	332.51 6.89 -237.29	256.95 5.23 -176.94	150.99 3.93 -85.74	172.45 3.22 -121.17	53.48 3.49 -8.51	48.56 3.22 -7.92
KEDC_GLWD_GT4 24219	35.24 1.90 -1.72	31.11 1.48 -0.01	28.47 1.53 0.00	27.29 1.30 0.00	26.91 1.21 0.00	28.09 1.39 0.00	32.10 1.73 0.00	35.93 2.24 -0.19	38.89 2.42 -0.34	40.52 2.52 -0.45	45.34 3.44 -0.02	46.39 3.20 0.00	53.13 3.48 0.00	60.96 3.61 0.00	68.27 4.16 0.00	72.60 5.26 -0.02	93.94 6.67 -0.70	101.25 6.62 0.00	94.86 6.54 0.00	79.87 5.09 0.00	64.88 3.56 0.00	51.18 3.12 0.00	44.73 3.24 0.00	40.20 2.47 -0.30
KEDC_GLWD_GT5 24220	35.24 1.90 -1.72	31.11 1.48 -0.01	28.47 1.53 0.00	27.29 1.30 0.00	26.91 1.21 0.00	28.09 1.39 0.00	32.10 1.73 0.00	35.93 2.24 -0.19	38.89 2.42 -0.34	40.52 2.52 -0.45	45.34 3.44 -0.02	46.39 3.20 0.00	53.13 3.48 0.00	60.96 3.61 0.00	68.27 4.16 0.00	72.60 5.26 -0.02	93.94 6.67 -0.70	101.25 6.62 0.00	94.86 6.54 0.00	79.87 5.09 0.00	64.88 3.56 0.00	51.18 3.12 0.00	44.73 3.24 0.00	40.20 2.47 -0.30
KENSICO____ 23655	33.05 1.42 0.00	30.83 1.21 0.00	28.20 1.27 0.00	27.35 1.35 0.00	27.01 1.31 0.00	27.88 1.18 0.00	31.59 1.21 0.00	35.43 1.74 -0.19	38.46 1.99 -0.34	40.18 2.18 -0.45	44.75 2.85 -0.02	46.22 3.02 0.00	53.04 3.38 0.00	60.56 3.21 0.00	67.89 3.78 0.00	71.64 4.31 0.00	92.98 5.71 -0.70	100.31 5.68 0.00	94.06 5.74 0.00	79.27 4.49 0.00	64.27 2.94 0.00	50.95 2.88 0.00	44.43 2.95 0.00	39.22 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.08 1.45 0.00	30.89 1.27 0.00	28.23 1.29 0.00	27.37 1.38 0.00	27.03 1.34 0.00	27.83 1.12 0.00	31.44 1.06 0.00	35.13 1.54 -0.09	37.92 1.63 -0.16	39.61 1.84 -0.22	44.32 2.43 -0.01	45.88 2.68 0.00	52.44 2.78 0.00	60.10 2.75 0.00	67.38 3.27 0.00	70.84 3.50 0.00	92.19 5.28 -0.34	99.74 5.11 0.00	93.44 5.12 0.00	78.75 3.96 0.00	64.63 3.31 0.00	51.04 2.98 0.00	44.27 2.78 0.00	39.11 1.68 0.00
KIAC_JFK_GT1 23816	33.31 1.68 0.00	31.01 1.39 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	28.01 1.31 0.00	31.83 1.46 0.00	35.70 2.01 -0.19	38.78 2.31 -0.34	40.56 2.55 -0.45	44.92 3.02 -0.02	46.35 3.15 0.00	53.09 3.43 0.00	60.50 3.15 0.00	67.76 3.65 0.00	71.58 4.24 0.00	93.16 5.89 -0.70	100.31 5.68 0.00	94.33 6.01 0.00	79.57 4.79 0.00	63.90 2.58 0.00	50.85 2.79 0.00	44.72 3.24 0.00	39.14 1.72 0.00
KIAC_JFK_GT2 23817	33.31 1.68 0.00	31.01 1.39 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	28.01 1.31 0.00	31.83 1.46 0.00	35.70 2.01 -0.19	38.78 2.31 -0.34	40.56 2.55 -0.45	44.92 3.02 -0.02	46.35 3.15 0.00	53.09 3.43 0.00	60.50 3.15 0.00	67.76 3.65 0.00	71.58 4.24 0.00	93.16 5.89 -0.70	100.31 5.68 0.00	94.33 6.01 0.00	79.57 4.79 0.00	63.90 2.58 0.00	50.85 2.79 0.00	44.72 3.24 0.00	39.14 1.72 0.00
KIAC_JFK____ 323774	33.21 1.58 0.00	30.83 1.21 0.00	28.18 1.24 0.00	27.03 1.04 0.00	26.67 0.98 0.00	27.91 1.20 0.00	31.80 1.43 0.00	35.63 1.94 -0.19	38.75 2.28 -0.34	40.56 2.56 -0.45	45.18 3.27 -0.02	46.26 3.07 0.00	52.99 3.33 0.00	60.44 3.09 0.00	67.57 3.46 0.00	71.58 4.24 0.00	93.07 5.80 -0.70	100.31 5.68 0.00	94.33 6.01 0.00	79.57 4.79 0.00	63.90 2.58 0.00	50.80 2.74 0.00	44.81 3.32 0.00	39.15 1.72 0.00
KINTIGH____ 23543	31.57 -0.06 0.00	29.56 -0.06 0.00	26.24 -0.70 0.00	24.93 -1.07 0.00	24.67 -1.03 0.00	26.33 -0.37 0.00	30.68 0.30 0.00	33.06 -0.44 0.00	35.52 -0.61 0.00	37.22 -0.34 0.00	41.88 0.00 0.00	43.89 0.69 0.00	50.55 0.89 0.00	58.66 1.32 0.00	65.39 1.28 0.00	69.29 1.95 0.00	87.00 0.43 0.00	95.29 0.66 0.00	88.85 0.53 0.00	75.16 0.37 0.00	62.67 1.35 0.00	48.06 0.00 0.00	40.95 -0.54 0.00	37.20 -0.22 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	31.50 -0.13 0.00	29.68 0.06 0.00	26.86 -0.08 0.00	25.89 -0.10 0.00	25.62 -0.08 0.00	26.68 -0.03 0.00	30.37 0.00 0.00	32.90 -0.60 0.00	35.37 -0.76 0.00	36.62 -0.94 0.00	40.46 -1.42 0.00	41.25 -1.94 0.00	47.47 -2.19 0.00	55.51 -1.84 0.00	61.87 -2.24 0.00	64.71 -2.63 0.00	83.11 -3.46 0.00	91.22 -3.41 0.00	84.61 -3.71 0.00	72.39 -2.39 0.00	58.93 -2.39 0.00	46.24 -1.83 0.00	39.79 -1.70 0.00	36.45 -0.97 0.00
LACHUTE___HYDRO 323717	35.14 3.51 0.00	32.76 3.14 0.00	29.79 2.85 0.00	28.67 2.68 0.00	28.40 2.70 0.00	29.70 2.99 0.00	33.90 3.52 0.00	37.23 3.95 0.22	40.16 4.44 0.41	41.97 4.96 0.54	47.97 6.11 0.03	49.89 6.70 0.00	57.70 8.04 0.00	66.75 9.41 0.00	74.62 10.51 0.00	77.91 10.57 0.00	99.50 13.77 0.84	110.91 16.28 0.00	104.13 15.81 0.00	87.95 13.17 0.00	73.16 11.84 0.00	56.62 8.55 0.00	48.33 6.84 0.00	42.96 5.54 0.00
LAWRNCALV_115KV_TB1 80681	31.03 -0.60 0.00	29.06 -0.56 0.00	26.18 -0.75 0.00	25.21 -0.78 0.00	24.82 -0.87 0.00	25.82 -0.88 0.00	29.37 -1.00 0.00	32.36 -1.14 0.00	34.87 -1.26 0.00	36.05 -1.50 0.00	39.83 -2.05 0.00	39.87 -3.33 0.00	45.79 -3.87 0.00	54.54 -2.81 0.00	60.71 -3.40 0.00	63.43 -3.91 0.00	81.81 -4.76 0.00	89.71 -4.92 0.00	83.46 -4.86 0.00	71.12 -3.66 0.00	57.34 -3.99 0.00	44.60 -3.46 0.00	38.96 -2.53 0.00	35.93 -1.50 0.00
LEDERLE___ 23769	32.96 1.33 0.00	30.74 1.13 0.00	28.15 1.21 0.00	27.32 1.33 0.00	26.96 1.26 0.00	27.83 1.12 0.00	31.47 1.09 0.00	35.28 1.61 -0.17	38.21 1.77 -0.31	39.95 1.99 -0.41	44.58 2.68 -0.02	46.09 2.89 0.00	52.94 3.28 0.00	60.56 3.21 0.00	67.96 3.85 0.00	71.58 4.24 0.00	92.92 5.71 -0.63	100.31 5.68 0.00	93.97 5.65 0.00	79.19 4.41 0.00	64.33 3.00 0.00	50.90 2.84 0.00	44.31 2.82 0.00	39.07 1.65 0.00
LIGHTHSE_115KV_TB6 355974	31.82 0.19 0.00	29.77 0.15 0.00	26.91 -0.03 0.00	25.89 -0.10 0.00	25.62 -0.08 0.00	26.79 0.08 0.00	30.65 0.27 0.00	33.73 0.23 0.00	36.31 0.18 0.00	37.82 0.26 0.00	42.39 0.50 0.00	43.84 0.65 0.00	50.26 0.60 0.00	58.15 0.80 0.00	64.94 0.83 0.00	68.07 0.74 0.00	87.18 0.61 0.00	95.58 0.95 0.00	89.56 1.24 0.00	75.68 0.90 0.00	62.49 1.17 0.00	48.59 0.53 0.00	42.03 0.54 0.00	37.83 0.41 0.00
LINDEN COGEN___ 23786	32.90 1.27 0.00	30.57 0.95 0.00	27.95 1.02 0.01	26.85 0.86 0.00	26.50 0.80 0.00	27.63 0.93 0.01	31.46 1.09 0.01	35.33 1.64 -0.19	35.80 1.91 2.24	38.29 2.10 1.36	39.15 3.02 5.75	38.78 2.81 7.22	41.23 3.08 11.51	41.73 2.81 18.43	41.73 3.14 25.52	41.66 3.77 29.44	61.68 5.19 30.09	65.09 5.01 34.55	56.79 5.21 36.74	43.81 4.11 35.08	43.32 2.27 20.27	39.37 2.50 11.19	40.49 2.86 3.86	38.96 1.53 0.00
LINDHRST_69_KV_BK1 356055	36.07 2.72 -1.72	32.05 2.43 0.00	29.07 2.13 0.00	28.00 2.00 0.00	27.73 2.03 0.00	28.68 1.98 0.00	32.83 2.46 0.00	36.70 3.02 -0.19	39.65 3.18 -0.34	40.79 2.78 -0.46	45.62 3.22 -0.51	47.79 3.84 -0.75	54.88 3.92 -1.29	68.25 4.47 -6.43	79.64 5.32 -10.21	93.40 6.80 -19.26	114.52 8.22 -19.72	120.18 8.52 -17.04	113.95 8.21 -17.42	94.34 6.21 -13.35	72.52 4.54 -6.66	60.95 3.99 -8.89	46.05 3.94 -0.62	42.76 3.29 -2.05
LIPA_MISC_IPP 23656	36.26 2.91 -1.72	32.20 2.58 0.00	29.17 2.24 0.00	28.05 2.05 0.00	27.78 2.08 0.00	28.76 2.06 0.00	32.99 2.61 0.00	36.87 3.18 -0.19	39.80 3.32 -0.34	40.60 2.59 -0.45	50.72 3.27 -5.57	55.61 3.84 -8.57	68.49 4.02 -14.81	135.55 4.53 -73.67	233.45 5.45 -163.89	341.66 6.94 -267.39	313.15 7.96 -218.62	298.08 8.23 -195.22	296.10 8.21 -199.57	281.09 6.43 -199.87	189.27 4.78 -123.17	154.10 4.13 -101.91	52.62 3.98 -7.15	48.13 3.44 -7.26
LISF___SOLAR 323691	36.19 2.85 -1.72	31.76 2.13 -0.01	29.07 2.13 0.00	27.74 1.74 0.00	27.32 1.62 0.00	28.63 1.92 0.00	32.99 2.61 0.00	36.80 3.12 -0.19	39.61 3.14 -0.34	40.64 2.63 -0.46	51.18 3.64 -5.65	55.78 3.89 -8.69	68.75 4.07 -15.02	136.65 4.59 -74.71	258.95 5.45 -189.39	368.89 7.21 -294.35	316.66 8.40 -221.69	301.30 8.70 -197.97	299.37 8.66 -202.39	307.62 6.96 -225.88	214.69 5.27 -148.10	155.49 4.08 -103.35	52.93 4.19 -7.25	48.28 3.52 -7.34
LITTLE FALLS___HYD 24013	31.12 -0.51 0.00	29.14 -0.47 0.00	26.51 -0.43 0.00	25.58 -0.42 0.00	25.31 -0.39 0.00	26.31 -0.40 0.00	29.89 -0.49 0.00	33.03 -0.47 0.00	35.62 -0.51 0.00	37.07 -0.49 0.00	41.42 -0.46 0.00	42.81 -0.39 0.00	49.11 -0.55 0.00	56.60 -0.75 0.00	63.21 -0.90 0.00	66.32 -1.01 0.00	85.27 -1.30 0.00	93.21 -1.42 0.00	87.08 -1.24 0.00	73.59 -1.20 0.00	60.59 -0.74 0.00	47.48 -0.58 0.00	41.03 -0.46 0.00	36.97 -0.45 0.00
LITTLRIV_115KV_TB1 356100	31.31 -0.32 0.00	29.32 -0.30 0.00	26.37 -0.57 0.00	25.42 -0.57 0.00	25.03 -0.67 0.00	26.07 -0.64 0.00	29.68 -0.70 0.00	32.70 -0.80 0.00	35.19 -0.94 0.00	36.39 -1.16 0.00	40.17 -1.72 0.00	40.30 -2.89 0.00	46.33 -3.33 0.00	55.22 -2.12 0.00	61.42 -2.69 0.00	64.10 -3.23 0.00	82.76 -3.81 0.00	90.75 -3.88 0.00	84.52 -3.80 0.00	71.94 -2.84 0.00	58.13 -3.19 0.00	45.18 -2.88 0.00	39.37 -2.12 0.00	36.30 -1.12 0.00
LI_NEWBRDGE___DRP 323616	35.31 1.96 -1.72	31.37 1.75 0.00	28.47 1.54 0.00	27.48 1.48 0.00	27.19 1.49 0.00	28.09 1.39 0.00	32.07 1.70 0.00	35.90 2.21 -0.19	38.75 2.28 -0.34	39.92 1.92 -0.45	44.21 2.30 -0.02	45.96 2.76 0.00	52.49 2.83 0.00	60.44 3.10 0.00	67.76 3.65 0.00	72.26 4.92 -0.02	92.99 5.71 -0.70	100.40 5.77 0.00	94.06 5.74 0.00	79.04 4.26 0.00	64.33 3.00 0.00	50.90 2.84 0.00	44.43 2.95 0.00	40.05 2.32 -0.30
LOCKPORT_115KV_TB60_63_64 80432	31.66 0.03 0.00	29.74 0.12 0.00	26.24 -0.70 0.00	24.85 -1.14 0.00	24.52 -1.18 0.00	26.33 -0.37 0.00	30.80 0.43 0.00	33.03 -0.47 0.00	35.41 -0.72 0.00	37.14 -0.41 0.00	41.92 0.04 0.00	44.02 0.82 0.00	50.60 0.94 0.00	58.89 1.55 0.00	65.46 1.35 0.00	69.49 2.15 0.00	86.92 0.35 0.00	95.29 0.66 0.00	88.76 0.44 0.00	75.08 0.30 0.00	62.73 1.41 0.00	47.92 -0.14 0.00	40.74 -0.75 0.00	37.16 -0.26 0.00
LOCKPORT___CC1 323769	31.66 0.03 0.00	29.62 0.00 0.00	26.16 -0.78 0.00	25.73 -0.26 0.00	25.57 -0.13 0.00	26.33 -0.37 0.00	30.22 -0.15 0.00	32.96 -0.54 0.00	35.37 -0.76 0.00	37.03 -0.53 0.00	41.76 -0.13 0.00	43.89 0.69 0.00	50.45 0.79 0.00	58.67 1.32 0.00	65.90 1.79 0.00	69.22 1.88 0.00	86.49 -0.09 0.00	94.72 0.09 0.00	88.32 0.00 0.00	74.78 0.00 0.00	62.49 1.16 0.00	47.92 -0.14 0.00	41.15 -0.33 0.00	37.27 -0.15 0.00
LOCKPORT___CC2 323770	31.66 0.03 0.00	29.62 0.00 0.00	26.16 -0.78 0.00	25.73 -0.26 0.00	25.57 -0.13 0.00	26.33 -0.37 0.00	30.22 -0.15 0.00	32.96 -0.54 0.00	35.37 -0.76 0.00	37.03 -0.53 0.00	41.76 -0.13 0.00	43.89 0.69 0.00	50.45 0.79 0.00	58.67 1.32 0.00	65.90 1.79 0.00	69.22 1.88 0.00	86.49 -0.09 0.00	94.72 0.09 0.00	88.32 0.00 0.00	74.78 0.00 0.00	62.49 1.16 0.00	47.92 -0.14 0.00	41.15 -0.33 0.00	37.27 -0.15 0.00

LOCKPORT___CC3 323771	31.66 0.03 0.00	29.62 0.00 0.00	26.16 -0.78 0.00	25.73 -0.26 0.00	25.57 -0.13 0.00	26.33 -0.37 0.00	30.22 -0.15 0.00	32.96 -0.54 0.00	35.37 -0.76 0.00	37.03 -0.53 0.00	41.76 -0.13 0.00	43.89 0.69 0.00	50.45 0.79 0.00	58.67 1.32 0.00	65.90 1.79 0.00	69.22 1.88 0.00	86.49 -0.09 0.00	94.72 0.09 0.00	88.32 0.00 0.00	74.78 0.00 0.00	62.49 1.16 0.00	47.92 -0.14 0.00	41.15 -0.33 0.00	37.27 -0.15 0.00
LONG_LAKE_PHOENIX 24014	31.63 0.00 0.00	29.59 -0.03 0.00	26.80 -0.13 0.00	25.79 -0.21 0.00	25.52 -0.18 0.00	26.65 -0.05 0.00	30.47 0.09 0.00	33.50 0.00 0.00	36.13 0.00 0.00	37.67 0.11 0.00	42.22 0.34 0.00	43.72 0.52 0.00	50.36 0.70 0.00	58.15 0.80 0.00	65.07 0.96 0.00	68.41 1.08 0.00	87.52 0.95 0.00	95.76 1.14 0.00	89.56 1.24 0.00	75.75 0.97 0.00	62.55 1.23 0.00	48.73 0.67 0.00	41.82 0.33 0.00	37.65 0.22 0.00
LOVETT___3 23632	32.77 1.14 0.00	30.60 0.98 0.00	28.02 1.08 0.00	27.19 1.20 0.00	26.85 1.16 0.00	27.69 0.99 0.00	31.32 0.94 0.00	35.08 1.41 -0.17	38.03 1.59 -0.31	39.73 1.77 -0.41	44.33 2.43 -0.02	45.83 2.64 0.00	52.59 2.93 0.00	60.16 2.81 0.00	67.44 3.33 0.00	71.10 3.77 0.00	92.23 5.02 -0.64	99.64 5.02 0.00	93.36 5.03 0.00	78.67 3.89 0.00	63.84 2.51 0.00	50.56 2.50 0.00	44.02 2.53 0.00	38.85 1.42 0.00
LOVETT___4 23642	32.77 1.14 0.00	30.60 0.98 0.00	28.02 1.08 0.00	27.19 1.20 0.00	26.85 1.16 0.00	27.69 0.99 0.00	31.32 0.94 0.00	35.08 1.41 -0.17	38.03 1.59 -0.31	39.73 1.77 -0.41	44.33 2.43 -0.02	45.83 2.64 0.00	52.59 2.93 0.00	60.16 2.81 0.00	67.44 3.33 0.00	71.10 3.77 0.00	92.23 5.02 -0.64	99.64 5.02 0.00	93.36 5.03 0.00	78.67 3.89 0.00	63.84 2.51 0.00	50.56 2.50 0.00	44.02 2.53 0.00	38.85 1.42 0.00
LOVETT___5 23593	32.77 1.14 0.00	30.60 0.98 0.00	28.02 1.08 0.00	27.19 1.20 0.00	26.85 1.16 0.00	27.69 0.99 0.00	31.32 0.94 0.00	35.08 1.41 -0.17	38.03 1.59 -0.31	39.73 1.77 -0.41	44.33 2.43 -0.02	45.83 2.64 0.00	52.59 2.93 0.00	60.16 2.81 0.00	67.44 3.33 0.00	71.10 3.77 0.00	92.23 5.02 -0.64	99.64 5.02 0.00	93.36 5.03 0.00	78.67 3.89 0.00	63.84 2.51 0.00	50.56 2.50 0.00	44.02 2.53 0.00	38.85 1.42 0.00
LOWER RAQUET___HYD 24057	30.90 -0.73 0.00	29.00 -0.62 0.00	26.05 -0.89 0.00	25.06 -0.93 0.00	24.64 -1.05 0.00	25.69 -1.01 0.00	29.28 -1.09 0.00	32.19 -1.31 0.00	34.68 -1.45 0.00	35.83 -1.73 0.00	38.87 -3.02 0.00	39.66 -3.54 0.00	45.74 -3.92 0.00	54.48 -2.87 0.00	60.58 -3.53 0.00	62.96 -4.38 0.00	81.29 -5.28 0.00	89.24 -5.39 0.00	82.93 -5.39 0.00	70.67 -4.11 0.00	57.09 -4.23 0.00	44.36 -3.70 0.00	38.00 -3.48 0.00	35.59 -1.83 0.00
LOWER___HUDSON 24059	32.45 0.82 0.00	30.36 0.74 0.00	27.80 0.86 0.00	26.75 0.75 0.00	26.42 0.72 0.00	27.43 0.72 0.00	31.13 0.76 0.00	34.19 0.97 0.29	36.73 1.12 0.52	38.14 1.28 0.69	43.73 1.89 0.04	45.14 1.95 0.00	51.75 2.09 0.00	59.30 1.95 0.00	66.55 2.44 0.00	70.03 2.70 0.00	88.79 3.29 1.07	98.42 3.79 0.00	92.39 4.06 0.00	78.07 3.29 0.00	64.15 2.82 0.00	50.42 2.35 0.00	43.60 2.11 0.00	38.84 1.42 0.00
LOWVILLE_115KV_TB2 356335	32.14 0.51 0.00	30.03 0.41 0.00	27.13 0.19 0.00	26.12 0.13 0.00	25.83 0.13 0.00	26.95 0.24 0.00	30.80 0.43 0.00	33.97 0.47 0.00	36.56 0.43 0.00	37.93 0.38 0.00	42.39 0.50 0.00	43.59 0.39 0.00	49.71 0.05 0.00	57.92 0.57 0.00	64.69 0.58 0.00	67.67 0.34 0.00	87.26 0.69 0.00	95.76 1.14 0.00	89.82 1.50 0.00	75.90 1.12 0.00	62.43 1.10 0.00	48.45 0.38 0.00	42.11 0.62 0.00	38.02 0.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.15 1.52 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.37 1.38 0.00	27.06 1.36 0.00	28.04 1.34 0.00	31.77 1.40 0.00	34.91 1.64 0.23	37.55 1.84 0.42	39.07 2.07 0.55	44.53 2.68 0.03	46.18 2.98 0.00	53.14 3.48 0.00	61.02 3.67 0.00	68.34 4.23 0.00	71.64 4.31 0.00	91.17 5.45 0.86	100.97 6.34 0.00	94.77 6.45 0.00	80.17 5.38 0.00	66.05 4.72 0.00	51.76 3.70 0.00	44.60 3.11 0.00	39.78 2.36 0.00
LUTHERNY_35_KV_BK2 355980	33.18 1.55 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.37 1.38 0.00	27.06 1.36 0.00	28.07 1.36 0.00	31.77 1.40 0.00	34.91 1.64 0.23	37.59 1.88 0.42	39.10 2.10 0.55	44.53 2.68 0.03	46.22 3.02 0.00	53.19 3.53 0.00	61.07 3.73 0.00	68.41 4.30 0.00	71.71 4.38 0.00	91.25 5.54 0.86	101.06 6.43 0.00	94.86 6.54 0.00	80.24 5.46 0.00	66.17 4.84 0.00	51.81 3.75 0.00	44.64 3.15 0.00	39.82 2.40 0.00
LWR___OSWEGATCHIE_HYD 23850	31.47 -0.16 0.00	29.41 -0.21 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.16 -0.54 0.00	26.23 -0.48 0.00	29.92 -0.46 0.00	33.00 -0.50 0.00	35.52 -0.61 0.00	36.77 -0.79 0.00	40.88 -1.01 0.00	41.47 -1.73 0.00	47.28 -2.38 0.00	55.68 -1.66 0.00	62.06 -2.05 0.00	64.84 -2.49 0.00	83.63 -2.94 0.00	91.88 -2.74 0.00	85.85 -2.47 0.00	72.84 -1.94 0.00	59.36 -1.96 0.00	46.14 -1.92 0.00	40.29 -1.20 0.00	36.79 -0.64 0.00
LYONS_FALL_HYD 23570	32.26 0.63 0.00	30.15 0.53 0.00	27.29 0.35 0.00	26.31 0.31 0.00	26.01 0.31 0.00	27.11 0.40 0.00	30.95 0.58 0.00	34.14 0.63 0.00	36.78 0.65 0.00	38.19 0.64 0.00	42.68 0.79 0.00	44.02 0.82 0.00	50.85 1.19 0.00	59.06 1.72 0.00	66.03 1.92 0.00	68.48 1.14 0.00	88.21 1.64 0.00	96.62 1.99 0.00	90.61 2.29 0.00	76.57 1.79 0.00	63.04 1.71 0.00	49.02 0.96 0.00	42.03 0.54 0.00	37.91 0.49 0.00
MADISON___COUNTY_LFGE 323628	32.67 1.04 0.00	30.57 0.95 0.00	27.67 0.73 0.00	26.64 0.65 0.00	26.37 0.67 0.00	27.53 0.83 0.00	31.44 1.06 0.00	34.67 1.17 0.00	37.40 1.26 0.00	38.91 1.35 0.00	43.64 1.76 0.00	45.14 1.94 0.00	52.04 2.38 0.00	60.21 2.87 0.00	67.38 3.27 0.00	70.57 3.23 0.00	90.55 3.98 0.00	98.98 4.35 0.00	92.74 4.42 0.00	78.30 3.51 0.00	64.63 3.31 0.00	50.27 2.21 0.00	43.11 1.62 0.00	38.88 1.46 0.00
MALONE___115KV_TB1 356076	31.50 -0.13 0.00	29.65 0.03 0.00	26.78 -0.16 0.00	25.81 -0.18 0.00	25.49 -0.21 0.00	26.55 -0.16 0.00	30.22 -0.15 0.00	33.10 -0.40 0.00	35.62 -0.51 0.00	36.88 -0.68 0.00	40.75 -1.13 0.00	41.38 -1.81 0.00	47.57 -2.09 0.00	55.85 -1.49 0.00	62.19 -1.92 0.00	64.98 -2.36 0.00	83.54 -3.03 0.00	91.60 -3.03 0.00	85.05 -3.27 0.00	72.69 -2.09 0.00	59.05 -2.27 0.00	46.24 -1.83 0.00	39.91 -1.58 0.00	36.64 -0.79 0.00
MAPLEWOD_115KV_TB3 80458	32.36 0.73 0.00	30.27 0.65 0.00	27.69 0.75 0.00	26.80 0.81 0.00	26.47 0.77 0.00	27.37 0.67 0.00	30.95 0.58 0.00	34.11 0.84 0.22	36.70 0.98 0.41	38.14 1.13 0.54	43.45 1.59 0.03	44.88 1.68 0.00	51.45 1.79 0.00	58.95 1.61 0.00	66.29 2.18 0.00	69.62 2.29 0.00	88.50 2.77 0.84	97.75 3.12 0.00	91.77 3.44 0.00	77.55 2.77 0.00	63.78 2.45 0.00	50.13 2.07 0.00	43.31 1.83 0.00	38.62 1.20 0.00

MAPLE_RIDGE_WT_1 323574	31.38 -0.25 0.00	29.44 -0.18 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.52 -0.18 0.00	26.52 -0.19 0.00	30.16 -0.21 0.00	33.27 -0.23 0.00	35.88 -0.25 0.00	37.25 -0.30 0.00	41.38 -0.50 0.00	42.63 -0.56 0.00	49.01 -0.65 0.00	56.77 -0.57 0.00	63.41 -0.70 0.00	66.53 -0.81 0.00	85.62 -0.95 0.00	93.59 -1.04 0.00	87.27 -1.06 0.00	73.89 -0.89 0.00	60.46 -0.86 0.00	47.39 -0.67 0.00	40.82 -0.67 0.00	37.01 -0.41 0.00
MAPLE_RIDGE_WT_2 323611	31.38 -0.25 0.00	29.44 -0.18 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.52 -0.18 0.00	26.52 -0.19 0.00	30.16 -0.21 0.00	33.27 -0.23 0.00	35.88 -0.25 0.00	37.25 -0.30 0.00	41.38 -0.50 0.00	42.63 -0.56 0.00	49.01 -0.65 0.00	56.77 -0.57 0.00	63.41 -0.70 0.00	66.53 -0.81 0.00	85.62 -0.95 0.00	93.59 -1.04 0.00	87.27 -1.06 0.00	73.89 -0.89 0.00	60.46 -0.86 0.00	47.39 -0.67 0.00	40.82 -0.67 0.00	37.01 -0.41 0.00
MARBLE_RIVER_WT_PWR 323696	31.03 -0.60 0.00	29.41 -0.21 0.00	26.64 -0.30 0.00	25.68 -0.31 0.00	25.39 -0.31 0.00	26.44 -0.27 0.00	30.10 -0.27 0.00	32.76 -0.74 0.00	35.26 -0.87 0.00	36.50 -1.05 0.00	40.13 -1.76 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.34 -2.01 0.00	61.67 -2.44 0.00	64.51 -2.83 0.00	83.11 -3.47 0.00	91.03 -3.60 0.00	84.53 -3.80 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	46.00 -2.07 0.00	39.46 -2.03 0.00	36.30 -1.12 0.00
MARSHVLE_115KV_TB1 80742	34.98 3.35 0.00	32.70 3.08 0.00	29.66 2.72 0.00	28.65 2.65 0.00	28.37 2.67 0.00	29.59 2.88 0.00	33.75 3.37 0.00	37.15 3.79 0.14	39.96 4.08 0.25	41.46 4.24 0.33	46.89 5.03 0.02	48.60 5.40 0.00	55.92 6.26 0.00	64.40 7.05 0.00	72.57 8.46 0.00	76.15 8.82 0.00	97.57 11.51 0.52	107.88 13.25 0.00	101.22 12.89 0.00	85.48 10.69 0.00	71.07 9.75 0.00	55.03 6.97 0.00	46.92 5.43 0.00	41.80 4.38 0.00
MARSH_HILL_WT_PWR 323713	32.86 1.23 0.00	30.74 1.13 0.00	27.37 0.43 0.00	26.72 0.73 0.00	26.57 0.87 0.00	27.67 0.96 0.00	31.77 1.40 0.00	34.81 1.31 0.00	37.47 1.34 0.00	39.21 1.65 0.00	44.40 2.51 0.00	46.39 3.20 0.00	53.63 3.97 0.00	62.10 4.76 0.00	69.88 5.77 0.00	73.52 6.19 0.00	92.54 5.97 0.00	101.45 6.82 0.00	94.68 6.36 0.00	80.02 5.23 0.00	66.60 5.27 0.00	51.23 3.17 0.00	43.73 2.24 0.00	39.37 1.94 0.00
MCINTYRE_115KV_TB2 80467	31.57 -0.06 0.00	29.59 -0.03 0.00	26.67 -0.27 0.00	25.68 -0.31 0.00	25.31 -0.39 0.00	26.39 -0.32 0.00	30.04 -0.33 0.00	33.06 -0.44 0.00	35.59 -0.54 0.00	36.80 -0.75 0.00	40.58 -1.30 0.00	40.82 -2.38 0.00	46.98 -2.68 0.00	55.91 -1.43 0.00	62.19 -1.92 0.00	64.91 -2.42 0.00	83.89 -2.68 0.00	92.07 -2.55 0.00	85.67 -2.65 0.00	72.91 -1.87 0.00	58.93 -2.39 0.00	45.80 -2.26 0.00	39.87 -1.62 0.00	36.79 -0.64 0.00
MECO____69_KV_BK1 80468	35.46 3.83 0.00	33.02 3.41 0.00	29.82 2.88 0.00	28.85 2.86 0.00	28.58 2.88 0.00	29.83 3.12 0.00	33.84 3.46 0.00	37.27 3.92 0.15	40.04 4.19 0.28	41.43 4.24 0.37	46.72 4.86 0.02	48.34 5.14 0.00	55.62 5.96 0.00	64.11 6.77 0.00	72.38 8.27 0.00	76.22 8.89 0.00	97.86 11.86 0.57	108.73 14.10 0.00	102.19 13.87 0.00	86.37 11.59 0.00	71.69 10.36 0.00	55.42 7.35 0.00	47.46 5.97 0.00	42.18 4.75 0.00
MENANDS__115KV_TB5 355628	32.17 0.54 0.00	30.09 0.47 0.00	27.53 0.59 0.00	26.67 0.68 0.00	26.31 0.62 0.00	27.19 0.48 0.00	30.74 0.36 0.00	33.88 0.60 0.22	36.44 0.72 0.41	37.84 0.83 0.54	43.15 1.30 0.03	44.54 1.34 0.00	51.05 1.39 0.00	58.44 1.09 0.00	65.71 1.60 0.00	68.95 1.62 0.00	87.72 1.99 0.84	96.81 2.18 0.00	90.88 2.56 0.00	76.80 2.02 0.00	63.10 1.78 0.00	49.70 1.63 0.00	42.98 1.49 0.00	38.36 0.94 0.00
MG INDUSTRY____DRP 24185	32.42 0.79 0.00	30.36 0.74 0.00	27.80 0.86 0.00	26.88 0.88 0.00	26.55 0.85 0.00	27.43 0.72 0.00	31.01 0.64 0.00	34.17 0.80 0.14	36.82 0.94 0.25	38.28 1.05 0.33	43.37 1.51 0.02	44.62 1.43 0.00	50.21 0.55 0.00	57.58 0.23 0.00	64.75 0.64 0.00	67.87 0.54 0.00	86.58 0.52 0.51	95.29 0.66 0.00	89.38 1.06 0.00	75.75 0.97 0.00	62.30 0.98 0.00	49.22 1.15 0.00	43.31 1.83 0.00	38.70 1.27 0.00
MID____OSWEGATCHIE_HYD 23849	31.47 -0.16 0.00	29.41 -0.21 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.16 -0.54 0.00	26.23 -0.48 0.00	29.92 -0.46 0.00	33.00 -0.50 0.00	35.52 -0.61 0.00	36.77 -0.79 0.00	40.88 -1.01 0.00	41.47 -1.73 0.00	47.28 -2.38 0.00	55.68 -1.66 0.00	62.06 -2.05 0.00	64.84 -2.49 0.00	83.63 -2.94 0.00	91.88 -2.74 0.00	85.85 -2.47 0.00	72.84 -1.94 0.00	59.36 -1.96 0.00	46.14 -1.92 0.00	40.29 -1.20 0.00	36.79 -0.64 0.00
MID____RAQUETTE_HYD 23851	30.97 -0.66 0.00	29.00 -0.62 0.00	26.05 -0.89 0.00	25.11 -0.88 0.00	24.70 -1.00 0.00	25.69 -1.01 0.00	29.22 -1.15 0.00	32.19 -1.31 0.00	34.69 -1.45 0.00	35.83 -1.73 0.00	39.62 -2.26 0.00	39.70 -3.50 0.00	45.54 -4.12 0.00	54.25 -3.10 0.00	60.33 -3.78 0.00	63.02 -4.31 0.00	81.29 -5.28 0.00	89.24 -5.39 0.00	83.02 -5.30 0.00	70.67 -4.11 0.00	57.09 -4.23 0.00	44.36 -3.70 0.00	38.75 -2.74 0.00	35.74 -1.68 0.00
MILLIKEN____1 23584	32.77 1.14 0.00	30.63 1.01 0.00	27.69 0.75 0.00	26.59 0.60 0.00	26.34 0.64 0.00	27.61 0.91 0.00	31.62 1.25 0.00	34.77 1.27 0.00	37.43 1.30 0.00	39.06 1.50 0.00	43.85 1.97 0.00	45.53 2.33 0.00	52.54 2.88 0.00	60.73 3.38 0.00	68.02 3.91 0.00	71.58 4.24 0.00	91.42 4.85 0.00	100.21 5.58 0.00	93.89 5.56 0.00	79.34 4.56 0.00	65.68 4.35 0.00	50.95 2.88 0.00	43.52 2.03 0.00	39.14 1.72 0.00
MILLIKEN____2 23585	32.77 1.14 0.00	30.63 1.01 0.00	27.69 0.75 0.00	26.59 0.60 0.00	26.34 0.64 0.00	27.61 0.91 0.00	31.62 1.25 0.00	34.77 1.27 0.00	37.43 1.30 0.00	39.06 1.50 0.00	43.85 1.97 0.00	45.53 2.33 0.00	52.54 2.88 0.00	60.73 3.38 0.00	68.02 3.91 0.00	71.58 4.24 0.00	91.42 4.85 0.00	100.21 5.58 0.00	93.89 5.56 0.00	79.34 4.56 0.00	65.68 4.35 0.00	50.95 2.88 0.00	43.52 2.03 0.00	39.14 1.72 0.00
MILLIKEN____DIESEL 23629	32.77 1.14 0.00	30.63 1.01 0.00	27.69 0.75 0.00	26.59 0.60 0.00	26.34 0.64 0.00	27.61 0.91 0.00	31.62 1.25 0.00	34.77 1.27 0.00	37.43 1.30 0.00	39.06 1.50 0.00	43.85 1.97 0.00	45.53 2.33 0.00	52.54 2.88 0.00	60.73 3.38 0.00	68.02 3.91 0.00	71.58 4.24 0.00	91.42 4.85 0.00	100.21 5.58 0.00	93.89 5.56 0.00	79.34 4.56 0.00	65.68 4.35 0.00	50.95 2.88 0.00	43.52 2.03 0.00	39.14 1.72 0.00
MILLSEAT____LFGE 323607	32.29 0.67 0.00	30.21 0.59 0.00	26.72 -0.22 0.00	26.23 0.23 0.00	26.03 0.33 0.00	26.87 0.16 0.00	30.86 0.48 0.00	33.80 0.30 0.00	36.28 0.15 0.00	37.97 0.41 0.00	42.85 0.96 0.00	44.97 1.77 0.00	51.75 2.09 0.00	60.27 2.92 0.00	67.83 3.72 0.00	71.31 3.97 0.00	89.34 2.77 0.00	98.03 3.40 0.00	91.50 3.17 0.00	77.47 2.69 0.00	64.57 3.25 0.00	49.41 1.34 0.00	42.27 0.79 0.00	38.21 0.79 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.96 1.33 0.00	30.74 1.13 0.00	28.12 1.19 0.00	27.29 1.30 0.00	26.96 1.26 0.00	27.83 1.12 0.00	31.50 1.12 0.00	35.33 1.64 -0.18	38.31 1.84 -0.34	40.03 2.03 -0.45	44.63 2.72 -0.02	46.13 2.94 0.00	52.89 3.23 0.00	60.44 3.10 0.00	67.76 3.65 0.00	71.44 4.11 0.00	92.72 5.45 -0.69	100.12 5.49 0.00	93.89 5.56 0.00	79.12 4.34 0.00	64.21 2.88 0.00	50.85 2.79 0.00	44.31 2.82 0.00	39.11 1.68 0.00
MILLWOOD_13_KV_LOAD 356217	33.02 1.39 0.00	30.80 1.18 0.00	28.18 1.24 0.00	27.35 1.35 0.00	26.98 1.28 0.00	27.88 1.18 0.00	31.59 1.21 0.00	35.43 1.74 -0.18	38.46 1.99 -0.34	40.18 2.18 -0.45	44.88 2.97 -0.02	46.39 3.20 0.00	53.28 3.63 0.00	60.90 3.56 0.00	68.21 4.10 0.00	71.91 4.58 0.00	93.32 6.06 -0.69	100.78 6.15 0.00	94.42 6.09 0.00	79.64 4.86 0.00	64.70 3.37 0.00	51.19 3.12 0.00	44.52 3.03 0.00	39.29 1.87 0.00
MODEL_CITY_ENERGY 24167	31.44 -0.19 0.00	29.41 -0.21 0.00	26.02 -0.92 0.00	25.60 -0.39 0.00	25.44 -0.26 0.00	26.20 -0.51 0.00	29.98 -0.40 0.00	32.70 -0.80 0.00	35.12 -1.01 0.00	36.76 -0.79 0.00	41.42 -0.46 0.00	43.54 0.34 0.00	50.06 0.40 0.00	58.21 0.86 0.00	65.39 1.28 0.00	68.75 1.42 0.00	85.79 -0.78 0.00	94.06 -0.56 0.00	87.71 -0.61 0.00	74.26 -0.52 0.00	62.06 0.74 0.00	47.58 -0.48 0.00	40.82 -0.67 0.00	37.01 -0.41 0.00
MODERN_LFGE_ 323580	31.44 -0.19 0.00	29.41 -0.21 0.00	26.02 -0.92 0.00	25.60 -0.39 0.00	25.44 -0.26 0.00	26.20 -0.51 0.00	29.98 -0.40 0.00	32.70 -0.80 0.00	35.12 -1.01 0.00	36.76 -0.79 0.00	41.42 -0.46 0.00	43.54 0.34 0.00	50.06 0.40 0.00	58.21 0.86 0.00	65.39 1.28 0.00	68.75 1.42 0.00	85.79 -0.78 0.00	94.06 -0.56 0.00	87.71 -0.61 0.00	74.26 -0.52 0.00	62.06 0.74 0.00	47.58 -0.48 0.00	40.82 -0.67 0.00	37.01 -0.41 0.00
MOHAWK_PAPER___DRP 24187	32.36 0.73 0.00	30.27 0.65 0.00	27.69 0.75 0.00	26.80 0.81 0.00	26.47 0.77 0.00	27.37 0.67 0.00	30.95 0.58 0.00	34.11 0.84 0.22	36.70 0.98 0.41	38.14 1.13 0.54	43.45 1.59 0.03	44.88 1.68 0.00	51.45 1.79 0.00	58.95 1.61 0.00	66.29 2.18 0.00	69.62 2.29 0.00	88.50 2.77 0.84	97.75 3.12 0.00	91.77 3.44 0.00	77.55 2.77 0.00	63.78 2.45 0.00	50.13 2.07 0.00	43.31 1.83 0.00	38.62 1.20 0.00
MOHICAN__35_KV_115KV_LD 80490	33.40 1.77 0.00	31.22 1.60 0.00	28.47 1.54 0.00	27.53 1.53 0.00	27.24 1.54 0.00	28.31 1.60 0.00	32.11 1.73 0.00	35.28 2.01 0.23	37.96 2.24 0.41	39.56 2.55 0.55	45.08 3.22 0.03	46.87 3.67 0.00	54.03 4.37 0.00	62.11 4.76 0.00	69.17 5.06 0.00	72.38 5.05 0.00	92.22 6.49 0.85	102.39 7.76 0.00	96.18 7.86 0.00	81.29 6.51 0.00	67.15 5.83 0.00	52.58 4.52 0.00	45.22 3.73 0.00	40.30 2.88 0.00
MONGAUP___HYD 23641	32.83 1.20 0.00	30.63 1.01 0.00	28.02 1.08 0.00	26.96 0.96 0.00	26.60 0.90 0.00	27.64 0.93 0.00	31.37 1.00 0.00	35.09 1.44 -0.15	37.77 1.37 -0.27	39.45 1.54 -0.35	44.12 2.22 -0.02	45.48 2.29 0.00	51.75 2.09 0.00	59.01 1.66 0.00	65.84 1.73 0.00	69.62 2.29 0.00	90.59 3.47 -0.55	98.13 3.50 0.00	91.94 3.62 0.00	77.55 2.77 0.00	63.47 2.15 0.00	50.17 2.11 0.00	44.02 2.53 0.00	38.92 1.50 0.00
MONTAUK___DIESEL 23721	37.77 4.43 -1.72	33.65 4.03 0.00	30.44 3.50 0.00	29.22 3.22 0.00	28.94 3.24 0.00	29.96 3.26 0.00	34.41 4.04 0.00	38.48 4.79 -0.19	41.64 5.17 -0.34	42.67 4.66 -0.46	53.39 5.91 -5.61	58.60 6.78 -8.62	72.11 7.55 -14.90	140.23 8.77 -74.12	239.42 10.32 -164.99	348.43 11.99 -269.11	319.40 12.90 -219.92	304.64 13.63 -196.39	302.16 13.07 -200.77	287.72 11.74 -201.19	194.36 9.01 -124.03	157.84 7.26 -102.52	55.28 6.60 -7.20	50.29 5.58 -7.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.61 0.98 0.00	30.77 1.16 0.00	27.26 0.32 0.00	25.89 -0.10 0.00	25.62 -0.08 0.00	27.56 0.85 0.00	32.23 1.85 0.00	34.81 1.31 0.00	37.40 1.26 0.00	39.28 1.73 0.00	44.65 2.76 0.00	46.91 3.71 0.00	54.18 4.52 0.00	63.14 5.79 0.00	70.14 6.03 0.00	74.47 7.14 0.00	93.24 6.67 0.00	102.29 7.66 0.00	95.21 6.89 0.00	80.17 5.38 0.00	66.84 5.52 0.00	50.85 2.79 0.00	42.98 1.49 0.00	39.07 1.65 0.00
MORTIMER_115KV_TB3 55949	32.10 0.47 0.00	30.06 0.44 0.00	26.83 -0.11 0.00	25.58 -0.42 0.00	25.29 -0.41 0.00	26.84 0.13 0.00	31.13 0.76 0.00	33.84 0.34 0.00	36.38 0.25 0.00	38.04 0.49 0.00	42.85 0.96 0.00	44.75 1.56 0.00	51.55 1.89 0.00	59.87 2.52 0.00	66.87 2.76 0.00	70.70 3.37 0.00	89.43 2.86 0.00	97.85 3.22 0.00	91.41 3.09 0.00	77.40 2.62 0.00	64.21 2.88 0.00	49.41 1.35 0.00	42.07 0.58 0.00	38.02 0.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.24 1.61 0.00	30.98 1.36 0.00	28.31 1.37 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.99 1.28 0.00	31.74 1.37 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.19 3.53 0.00	60.61 3.27 0.00	67.89 3.78 0.00	71.64 4.31 0.00	93.07 5.80 -0.70	100.31 5.68 0.00	94.15 5.83 0.00	79.34 4.56 0.00	64.08 2.76 0.00	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
MUNSVILLE_WIND_PWR 323609	35.02 3.39 0.00	32.61 2.99 0.00	29.25 2.32 0.00	28.31 2.31 0.00	28.04 2.34 0.00	29.32 2.62 0.00	33.66 3.28 0.00	37.25 3.75 0.00	40.00 3.87 0.00	41.53 3.98 0.00	46.82 4.94 0.00	48.55 5.36 0.00	56.41 6.75 0.00	65.49 8.14 0.00	73.34 9.23 0.00	76.63 9.30 0.00	98.52 11.95 0.00	108.26 13.63 0.00	102.27 13.95 0.00	86.14 11.36 0.00	71.69 10.37 0.00	55.17 7.11 0.00	46.92 5.43 0.00	41.99 4.56 0.00
N SALMON___HYD 24042	31.34 -0.29 0.00	29.65 0.03 0.00	26.78 -0.16 0.00	25.79 -0.21 0.00	25.47 -0.23 0.00	26.55 -0.16 0.00	30.25 -0.12 0.00	33.10 -0.40 0.00	35.62 -0.51 0.00	36.88 -0.67 0.00	40.42 -1.47 0.00	41.38 -1.81 0.00	47.67 -1.99 0.00	55.91 -1.43 0.00	62.25 -1.86 0.00	64.98 -2.36 0.00	83.54 -3.03 0.00	91.60 -3.03 0.00	85.05 -3.27 0.00	72.69 -2.09 0.00	59.06 -2.27 0.00	46.24 -1.83 0.00	39.58 -1.91 0.00	36.56 -0.86 0.00
N.AKRON__115KV_KNAPP 355671	32.20 0.57 0.00	30.21 0.59 0.00	26.70 -0.24 0.00	25.29 -0.70 0.00	24.95 -0.75 0.00	26.79 0.08 0.00	31.35 0.97 0.00	33.73 0.23 0.00	36.17 0.04 0.00	37.89 0.34 0.00	42.80 0.92 0.00	44.88 1.68 0.00	51.70 2.04 0.00	60.21 2.87 0.00	67.12 3.01 0.00	71.17 3.84 0.00	89.34 2.77 0.00	97.94 3.31 0.00	91.32 3.00 0.00	77.25 2.47 0.00	64.45 3.13 0.00	49.12 1.06 0.00	41.74 0.25 0.00	37.95 0.52 0.00
N.BELMOR_69_KV_BK1 55787	35.62 2.28 -1.72	31.63 2.01 0.00	28.74 1.80 0.00	27.74 1.74 0.00	27.45 1.75 0.00	28.36 1.66 0.00	32.38 2.00 0.00	36.20 2.51 -0.19	39.15 2.67 -0.34	40.41 2.40 -0.45	44.71 2.81 -0.02	46.52 3.33 0.00	53.04 3.38 0.00	61.07 3.73 0.00	68.47 4.36 0.00	73.01 5.66 -0.02	94.11 6.84 -0.70	101.63 7.00 0.00	95.21 6.89 0.00	79.94 5.16 0.00	65.00 3.68 0.00	51.52 3.46 0.00	45.01 3.53 0.00	40.46 2.73 -0.30

N.E_GEN_SANDY PD 24062	32.29 0.67 0.00	30.18 0.56 0.00	27.69 0.75 0.00	26.64 0.65 0.00	26.29 0.59 0.00	27.32 0.61 0.00	30.92 0.55 0.00	32.81 0.84 1.52	34.32 0.98 2.79	35.00 1.13 3.68	42.00 1.80 1.68	46.50 1.81 -1.49	51.00 1.84 0.50	59.39 1.55 -0.50	66.10 1.99 0.00	69.75 2.42 0.00	83.80 2.95 5.72	97.75 3.12 0.00	91.76 3.44 0.00	77.47 2.69 0.00	63.34 2.02 0.00	49.99 1.92 0.00	43.40 1.91 0.00	38.51 1.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.83 1.20 0.00	30.66 1.04 0.00	28.07 1.13 0.00	27.24 1.25 0.00	26.88 1.18 0.00	27.75 1.04 0.00	31.35 0.97 0.00	35.14 1.47 -0.17	38.10 1.66 -0.31	39.80 1.84 -0.41	44.42 2.51 -0.02	45.92 2.72 0.00	52.74 3.08 0.00	60.27 2.92 0.00	67.64 3.53 0.00	71.31 3.97 0.00	92.49 5.28 -0.64	99.83 5.20 0.00	93.53 5.21 0.00	78.90 4.11 0.00	64.02 2.70 0.00	50.66 2.60 0.00	44.14 2.66 0.00	38.92 1.50 0.00
N.QUEENS_27_KV_LOAD 356247	33.60 1.96 -0.01	31.29 1.66 -0.01	28.59 1.64 -0.01	27.74 1.74 -0.01	27.40 1.70 -0.01	28.26 1.55 -0.01	32.08 1.70 -0.01	35.90 2.21 -0.19	38.71 2.24 -0.34	40.60 2.59 -0.45	45.17 3.27 -0.02	46.39 3.20 0.00	53.13 3.48 0.01	60.72 3.38 0.01	68.01 3.91 0.01	71.77 4.44 0.01	93.25 5.97 -0.71	100.58 5.96 0.01	94.25 5.92 -0.01	79.50 4.71 -0.01	64.20 2.88 0.01	51.05 2.98 -0.01	44.90 3.40 -0.01	39.56 2.13 -0.01
N.TROY____115KV_TB1 355778	32.55 0.92 0.00	30.45 0.83 0.00	27.85 0.92 0.00	26.96 0.96 0.00	26.62 0.93 0.00	27.51 0.80 0.00	31.13 0.76 0.00	34.19 0.97 0.29	36.73 1.12 0.52	38.14 1.28 0.69	43.61 1.76 0.04	45.18 1.99 0.00	51.80 2.14 0.00	59.35 2.01 0.00	66.67 2.56 0.00	70.03 2.69 0.00	88.79 3.29 1.07	98.32 3.69 0.00	92.38 4.06 0.00	78.07 3.29 0.00	64.21 2.88 0.00	50.42 2.36 0.00	43.56 2.07 0.00	38.85 1.42 0.00
NARROWS_GT1_1 24228	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_2 24229	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_3 24230	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_4 24231	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_5 24232	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_6 24233	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_7 24234	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT1_8 24235	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_1 24236	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_2 24237	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_3 24238	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00

NARROWS_GT2_4 24239	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_5 24240	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_6 24241	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_7 24242	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NARROWS_GT2_8 24243	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.12 3.15 2.38	54.97 3.52 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.15 1.52 0.00	31.01 1.39 0.00	28.31 1.37 0.00	27.40 1.40 0.00	27.06 1.36 0.00	27.88 1.18 0.00	31.53 1.15 0.00	35.08 1.68 0.10	37.69 1.73 0.18	39.12 1.80 0.23	44.22 2.35 0.01	45.18 1.99 0.00	51.80 2.14 0.00	59.41 2.06 0.00	66.99 2.88 0.00	70.09 2.76 0.00	90.62 4.42 0.36	99.17 4.54 0.00	92.91 4.59 0.00	78.67 3.89 0.00	64.88 3.56 0.00	51.23 3.17 0.00	44.23 2.74 0.00	39.48 2.06 0.00
NCHELSEA_115KV_TR2 355582	33.18 1.55 0.00	30.98 1.36 0.00	28.34 1.40 0.00	27.48 1.48 0.00	27.11 1.41 0.00	27.93 1.23 0.00	31.59 1.21 0.00	35.52 1.88 -0.14	38.41 2.02 -0.26	40.15 2.25 -0.34	44.96 3.06 -0.02	46.52 3.33 0.00	53.53 3.87 0.00	61.25 3.90 0.00	68.66 4.55 0.00	72.18 4.85 0.00	93.76 6.67 -0.52	101.44 6.81 0.00	95.03 6.71 0.00	80.24 5.46 0.00	65.37 4.05 0.00	51.67 3.60 0.00	44.81 3.32 0.00	39.59 2.17 0.00
NEG CAPITAL___MECHNVIL 23645	33.02 1.39 0.00	30.86 1.24 0.00	28.20 1.27 0.00	27.16 1.17 0.00	26.83 1.13 0.00	27.91 1.20 0.00	31.68 1.31 0.00	34.79 1.54 0.25	37.44 1.77 0.46	38.98 2.03 0.60	44.57 2.72 0.03	46.14 2.94 0.00	52.99 3.33 0.00	60.90 3.56 0.00	68.22 4.11 0.00	71.71 4.37 0.00	91.18 5.55 0.94	101.07 6.44 0.00	94.86 6.54 0.00	80.17 5.39 0.00	66.05 4.72 0.00	51.71 3.65 0.00	44.60 3.11 0.00	39.71 2.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.69 0.06 0.00	29.65 0.03 0.00	26.48 -0.46 0.00	25.76 -0.23 0.00	25.54 -0.15 0.00	26.49 -0.21 0.00	30.40 0.03 0.00	33.47 -0.03 0.00	36.06 -0.07 0.00	37.67 0.11 0.00	42.39 0.50 0.00	44.19 0.99 0.00	51.00 1.34 0.00	59.18 1.83 0.00	66.55 2.44 0.00	69.89 2.56 0.00	88.56 1.99 0.00	97.00 2.37 0.00	90.61 2.29 0.00	76.80 2.02 0.00	63.59 2.27 0.00	49.02 0.96 0.00	41.99 0.50 0.00	37.72 0.30 0.00
NEG CENTRAL___DRP 24199	32.26 0.63 0.00	30.18 0.56 0.00	27.18 0.24 0.00	26.07 0.08 0.00	25.83 0.13 0.00	27.19 0.48 0.00	31.22 0.85 0.00	34.27 0.77 0.00	36.82 0.69 0.00	38.46 0.90 0.00	43.22 1.34 0.00	44.97 1.77 0.00	51.84 2.19 0.00	60.04 2.70 0.00	67.19 3.08 0.00	70.77 3.43 0.00	90.12 3.55 0.00	98.70 4.07 0.00	92.30 3.97 0.00	78.07 3.29 0.00	64.57 3.25 0.00	49.98 1.92 0.00	42.65 1.16 0.00	38.51 1.09 0.00
NEG CENTRAL___INDECK 23768	33.46 1.83 0.00	31.28 1.66 0.00	27.80 0.86 0.00	27.11 1.12 0.00	26.91 1.21 0.00	27.96 1.26 0.00	32.23 1.85 0.00	34.60 1.10 0.00	37.14 1.01 0.00	38.83 1.28 0.00	43.81 1.93 0.00	45.74 2.55 0.00	52.84 3.18 0.00	59.81 2.46 0.00	67.44 3.33 0.00	71.17 3.84 0.00	89.52 2.95 0.00	98.32 3.69 0.00	92.12 3.80 0.00	78.00 3.21 0.00	65.13 3.80 0.00	51.23 3.17 0.00	43.60 2.11 0.00	39.15 1.72 0.00
NEG CENTRAL___SENECA 23627	32.45 0.82 0.00	30.33 0.71 0.00	27.23 0.30 0.00	26.07 0.08 0.00	25.83 0.13 0.00	27.29 0.59 0.00	31.47 1.09 0.00	34.44 0.94 0.00	36.96 0.83 0.00	38.64 1.09 0.00	43.47 1.59 0.00	45.31 2.12 0.00	52.34 2.68 0.00	60.61 3.27 0.00	67.89 3.78 0.00	71.58 4.24 0.00	90.99 4.42 0.00	99.64 5.02 0.00	93.18 4.86 0.00	78.75 3.96 0.00	65.25 3.92 0.00	50.32 2.26 0.00	42.82 1.33 0.00	38.73 1.31 0.00
NEG CENTRAL___STATE_STREET 24147	32.64 1.01 0.00	30.51 0.89 0.00	27.56 0.62 0.00	26.46 0.47 0.00	26.21 0.51 0.00	27.48 0.77 0.00	31.44 1.06 0.00	34.64 1.14 0.00	37.32 1.19 0.00	38.94 1.39 0.00	43.77 1.88 0.00	45.44 2.25 0.00	52.39 2.73 0.00	60.67 3.33 0.00	67.76 3.65 0.00	71.24 3.91 0.00	90.99 4.42 0.00	99.55 4.92 0.00	93.36 5.03 0.00	78.90 4.11 0.00	65.37 4.05 0.00	50.71 2.64 0.00	43.40 1.91 0.00	39.03 1.61 0.00
NEG MILLWOOD___DRP 24198	33.31 1.68 0.00	31.04 1.42 0.00	28.39 1.45 0.00	27.58 1.59 0.00	27.16 1.46 0.00	28.09 1.39 0.00	31.86 1.49 0.00	35.74 2.08 -0.16	38.77 2.35 -0.29	40.53 2.59 -0.39	45.55 3.64 -0.02	47.13 3.93 0.00	54.28 4.62 0.00	62.11 4.76 0.00	69.43 5.32 0.00	73.06 5.72 0.00	94.79 7.62 -0.60	102.67 8.04 0.00	96.27 7.95 0.00	81.21 6.43 0.00	66.23 4.91 0.00	52.29 4.23 0.00	45.18 3.69 0.00	39.93 2.51 0.00
NEG NORTH_FLCN_SEA 23793	31.25 -0.38 0.00	29.47 -0.15 0.00	26.67 -0.27 0.00	25.73 -0.26 0.00	25.44 -0.26 0.00	26.49 -0.21 0.00	30.13 -0.24 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.13 -1.43 0.00	39.91 -1.97 0.00	40.69 -2.51 0.00	46.83 -2.83 0.00	54.71 -2.64 0.00	60.97 -3.14 0.00	63.77 -3.57 0.00	81.98 -4.59 0.00	89.90 -4.73 0.00	83.46 -4.86 0.00	71.34 -3.44 0.00	58.01 -3.31 0.00	45.51 -2.55 0.00	39.25 -2.24 0.00	35.93 -1.50 0.00

NEG NORTH_KES_CHATEGAY 23792	31.34 -0.28 0.00	29.47 -0.15 0.00	26.70 -0.24 0.00	25.76 -0.23 0.00	25.47 -0.23 0.00	26.49 -0.21 0.00	30.16 -0.21 0.00	32.93 -0.57 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	40.50 -1.38 0.00	41.34 -1.86 0.00	47.52 -2.14 0.00	55.51 -1.84 0.00	61.87 -2.24 0.00	64.71 -2.63 0.00	83.37 -3.20 0.00	91.41 -3.22 0.00	84.79 -3.53 0.00	72.39 -2.39 0.00	58.87 -2.45 0.00	46.19 -1.87 0.00	39.83 -1.66 0.00	36.49 -0.94 0.00
NEG NORTH___ALICE_FALLS 23915	31.50 -0.13 0.00	29.68 0.06 0.00	26.86 -0.08 0.00	25.89 -0.10 0.00	25.62 -0.08 0.00	26.68 -0.03 0.00	30.37 0.00 0.00	32.90 -0.60 0.00	35.37 -0.76 0.00	36.62 -0.94 0.00	40.46 -1.42 0.00	41.25 -1.94 0.00	47.47 -2.19 0.00	55.51 -1.84 0.00	61.87 -2.24 0.00	64.71 -2.63 0.00	83.11 -3.46 0.00	91.22 -3.41 0.00	84.61 -3.71 0.00	72.39 -2.39 0.00	58.93 -2.39 0.00	46.24 -1.83 0.00	39.79 -1.70 0.00	36.45 -0.97 0.00
NEG NORTH___LWR_SARANAC 23913	31.50 -0.13 0.00	29.68 0.06 0.00	26.86 -0.08 0.00	25.89 -0.10 0.00	25.62 -0.08 0.00	26.68 -0.03 0.00	30.37 0.00 0.00	32.90 -0.60 0.00	35.37 -0.76 0.00	36.62 -0.94 0.00	40.46 -1.42 0.00	41.25 -1.94 0.00	47.47 -2.19 0.00	55.51 -1.84 0.00	61.87 -2.24 0.00	64.71 -2.63 0.00	83.11 -3.46 0.00	91.22 -3.41 0.00	84.61 -3.71 0.00	72.39 -2.39 0.00	58.93 -2.39 0.00	46.24 -1.83 0.00	39.79 -1.70 0.00	36.45 -0.97 0.00
NEG NORTH___PLATTSBURG 23628	31.19 -0.44 0.00	29.68 0.06 0.00	26.83 -0.11 0.00	25.89 -0.10 0.00	25.60 -0.10 0.00	26.68 -0.03 0.00	30.40 0.03 0.00	32.86 -0.64 0.00	35.37 -0.76 0.00	36.62 -0.94 0.00	40.21 -1.68 0.00	41.25 -1.94 0.00	47.48 -2.18 0.00	55.51 -1.84 0.00	61.86 -2.25 0.00	64.71 -2.63 0.00	83.11 -3.47 0.00	91.23 -3.40 0.00	84.61 -3.71 0.00	72.39 -2.40 0.00	58.93 -2.39 0.00	46.24 -1.83 0.00	39.54 -1.95 0.00	36.41 -1.01 0.00
NEG WEST_LEA_LOCKPORT 23791	31.60 -0.03 0.00	29.65 0.03 0.00	26.18 -0.75 0.00	24.80 -1.20 0.00	24.46 -1.23 0.00	26.28 -0.43 0.00	30.74 0.36 0.00	32.96 -0.54 0.00	35.30 -0.83 0.00	37.03 -0.53 0.00	41.80 -0.08 0.00	43.89 0.69 0.00	50.40 0.74 0.00	58.66 1.32 0.00	65.20 1.09 0.00	69.22 1.89 0.00	86.57 0.00 0.00	94.82 0.19 0.00	88.41 0.09 0.00	74.71 -0.07 0.00	62.49 1.17 0.00	47.73 -0.34 0.00	40.62 -0.87 0.00	37.05 -0.37 0.00
NEG WEST___LANCASTR 23811	32.20 0.57 0.00	30.15 0.53 0.00	26.78 -0.16 0.00	25.42 -0.57 0.00	25.16 -0.54 0.00	26.97 0.27 0.00	31.47 1.09 0.00	33.77 0.27 0.00	36.28 0.14 0.00	38.08 0.53 0.00	43.06 1.17 0.00	45.23 2.03 0.00	52.19 2.53 0.00	60.79 3.44 0.00	67.76 3.65 0.00	71.85 4.51 0.00	90.21 3.64 0.00	98.70 4.07 0.00	91.94 3.62 0.00	77.47 2.69 0.00	64.57 3.25 0.00	49.22 1.15 0.00	41.74 0.25 0.00	38.10 0.67 0.00
NEG_PENN_ALLEGHNY 23528	32.39 0.76 0.00	30.30 0.68 0.00	27.37 0.43 0.00	26.46 0.47 0.00	26.21 0.51 0.00	27.27 0.56 0.00	31.13 0.76 0.00	34.30 0.80 0.00	37.00 0.87 0.00	38.61 1.05 0.00	43.47 1.59 0.00	45.10 1.90 0.00	52.04 2.38 0.00	60.10 2.75 0.00	67.44 3.33 0.00	70.90 3.57 0.00	90.29 3.72 0.00	98.79 4.16 0.00	92.39 4.06 0.00	78.07 3.29 0.00	64.51 3.19 0.00	50.08 2.02 0.00	43.06 1.58 0.00	38.58 1.16 0.00
NEG___GEN_MONROE 24207	32.04 0.41 0.00	30.03 0.41 0.00	26.78 -0.16 0.00	25.47 -0.52 0.00	25.26 -0.44 0.00	26.84 0.13 0.00	31.10 0.73 0.00	33.70 0.20 0.00	36.20 0.07 0.00	37.97 0.41 0.00	42.72 0.84 0.00	44.67 1.47 0.00	51.40 1.74 0.00	59.58 2.24 0.00	66.61 2.50 0.00	70.36 3.03 0.00	89.00 2.42 0.00	97.47 2.84 0.00	91.06 2.74 0.00	77.18 2.39 0.00	64.21 2.88 0.00	49.41 1.35 0.00	42.03 0.54 0.00	38.02 0.60 0.00
NEPA___ENERGY 23901	32.29 0.66 0.00	30.30 0.68 0.00	26.91 -0.03 0.00	25.58 -0.42 0.00	25.29 -0.41 0.00	27.11 0.40 0.00	31.59 1.21 0.00	34.10 0.60 0.00	36.67 0.54 0.00	38.46 0.90 0.00	43.47 1.59 0.00	45.70 2.51 0.00	52.84 3.18 0.00	61.47 4.13 0.00	68.60 4.49 0.00	72.72 5.39 0.00	91.25 4.67 0.00	99.83 5.20 0.00	93.00 4.68 0.00	78.37 3.59 0.00	65.25 3.92 0.00	49.79 1.73 0.00	42.24 0.75 0.00	38.28 0.86 0.00
NEVERSINK___HYD 23608	32.74 1.11 0.00	30.51 0.89 0.00	27.88 0.94 0.00	26.85 0.86 0.00	26.50 0.80 0.00	27.53 0.83 0.00	31.22 0.85 0.00	34.83 1.24 -0.09	37.59 1.30 -0.16	39.28 1.50 -0.22	44.11 2.22 -0.01	45.48 2.29 0.00	51.10 1.44 0.00	58.49 1.15 0.00	65.32 1.22 0.00	69.02 1.68 0.00	89.76 2.85 -0.34	97.27 2.65 0.00	91.06 2.74 0.00	76.80 2.02 0.00	64.27 2.94 0.00	50.61 2.55 0.00	43.94 2.45 0.00	38.81 1.39 0.00
NEWKRMKL_115KV_TB1 55635	32.01 0.38 0.00	29.94 0.33 0.00	27.42 0.48 0.00	26.54 0.55 0.00	26.21 0.51 0.00	27.08 0.37 0.00	30.62 0.24 0.00	33.73 0.44 0.20	36.34 0.58 0.37	37.74 0.68 0.49	42.99 1.13 0.03	44.32 1.12 0.00	50.80 1.14 0.00	58.15 0.80 0.00	65.39 1.28 0.00	68.61 1.28 0.00	87.37 1.56 0.76	96.33 1.70 0.00	90.35 2.03 0.00	76.50 1.72 0.00	62.86 1.53 0.00	49.50 1.44 0.00	42.82 1.33 0.00	38.21 0.79 0.00
NEWTON___FALLS_HYD 23847	31.47 -0.16 0.00	29.41 -0.21 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.16 -0.54 0.00	26.23 -0.48 0.00	29.92 -0.46 0.00	33.00 -0.50 0.00	35.52 -0.61 0.00	36.77 -0.79 0.00	40.88 -1.01 0.00	41.47 -1.73 0.00	47.28 -2.38 0.00	55.68 -1.66 0.00	62.06 -2.05 0.00	64.84 -2.49 0.00	83.63 -2.94 0.00	91.88 -2.74 0.00	85.85 -2.47 0.00	72.84 -1.94 0.00	59.36 -1.96 0.00	46.14 -1.92 0.00	40.29 -1.20 0.00	36.79 -0.64 0.00
NGRID_A1_DSASP 323792	31.19 -0.44 0.00	29.41 -0.21 0.00	25.73 -1.21 0.00	25.32 -0.68 0.00	25.16 -0.54 0.00	25.88 -0.83 0.00	29.73 -0.64 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.20 0.00 0.00	49.66 0.00 0.00	57.63 0.29 0.00	64.82 0.71 0.00	68.08 0.74 0.00	84.92 -1.65 0.00	93.02 -1.61 0.00	86.73 -1.59 0.00	73.44 -1.34 0.00	61.38 0.06 0.00	47.15 -0.91 0.00	40.58 -0.91 0.00	36.79 -0.64 0.00
NGRID_A2_DSASP 323793	31.19 -0.44 0.00	29.41 -0.21 0.00	25.73 -1.21 0.00	25.32 -0.68 0.00	25.16 -0.54 0.00	25.88 -0.83 0.00	29.73 -0.64 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.20 0.00 0.00	49.66 0.00 0.00	57.63 0.29 0.00	64.82 0.71 0.00	68.08 0.74 0.00	84.92 -1.65 0.00	93.02 -1.61 0.00	86.73 -1.59 0.00	73.44 -1.34 0.00	61.38 0.06 0.00	47.15 -0.91 0.00	40.58 -0.91 0.00	36.79 -0.64 0.00
NGRID_A4_DSASP 323807	31.12 -0.51 0.00	29.17 -0.44 0.00	25.75 -1.19 0.00	24.38 -1.61 0.00	24.28 -1.41 0.00	26.04 -0.67 0.00	30.28 -0.09 0.00	32.39 -1.11 0.00	34.83 -1.30 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.15 -0.04 0.00	49.61 -0.05 0.00	57.63 0.29 0.00	64.17 0.06 0.00	68.01 0.67 0.00	85.01 -1.56 0.00	93.11 -1.51 0.00	86.73 -1.59 0.00	73.36 -1.42 0.00	61.38 0.06 0.00	46.96 -1.11 0.00	40.04 -1.45 0.00	36.60 -0.82 0.00

NIAGARA_115E_LBMP 323715	31.28 -0.35 0.00	29.26 -0.35 0.00	25.91 -1.02 0.00	25.53 -0.47 0.00	25.34 -0.36 0.00	26.06 -0.64 0.00	29.80 -0.58 0.00	32.50 -1.00 0.00	34.94 -1.19 0.00	36.54 -1.01 0.00	41.21 -0.67 0.00	43.28 0.09 0.00	49.81 0.15 0.00	57.86 0.51 0.00	65.07 0.96 0.00	68.35 1.01 0.00	85.28 -1.30 0.00	93.50 -1.13 0.00	87.17 -1.15 0.00	73.81 -0.97 0.00	61.63 0.31 0.00	47.29 -0.77 0.00	40.62 -0.87 0.00	36.82 -0.60 0.00
NIAGARA_115W_LBMP 323714	31.09 -0.54 0.00	29.35 -0.27 0.00	25.67 -1.27 0.00	25.24 -0.75 0.00	25.08 -0.62 0.00	25.83 -0.88 0.00	29.68 -0.70 0.00	32.33 -1.17 0.00	34.79 -1.34 0.00	36.39 -1.16 0.00	40.96 -0.92 0.00	43.07 -0.13 0.00	49.51 -0.15 0.00	57.46 0.11 0.00	64.62 0.51 0.00	67.87 0.54 0.00	84.67 -1.90 0.00	92.74 -1.89 0.00	86.46 -1.86 0.00	73.29 -1.50 0.00	61.20 -0.12 0.00	47.00 -1.06 0.00	40.45 -1.04 0.00	36.71 -0.71 0.00
NIAGARA_230_LBMP 323716	31.50 -0.13 0.00	29.53 -0.09 0.00	26.02 -0.92 0.00	25.58 -0.42 0.00	25.42 -0.28 0.00	26.17 -0.53 0.00	30.07 -0.30 0.00	32.76 -0.74 0.00	35.23 -0.90 0.00	36.88 -0.67 0.00	41.51 -0.38 0.00	43.63 0.43 0.00	50.21 0.55 0.00	58.26 0.91 0.00	65.52 1.41 0.00	68.81 1.48 0.00	85.97 -0.60 0.00	94.16 -0.47 0.00	87.79 -0.53 0.00	74.41 -0.37 0.00	62.12 0.80 0.00	47.68 -0.39 0.00	40.99 -0.50 0.00	37.16 -0.26 0.00
NIAGARA__115KV_198_GIBSON 55903	31.03 -0.60 0.00	29.09 -0.53 0.00	25.67 -1.27 0.00	24.30 -1.69 0.00	24.23 -1.46 0.00	25.99 -0.72 0.00	30.19 -0.18 0.00	32.29 -1.21 0.00	34.72 -1.41 0.00	36.39 -1.16 0.00	40.96 -0.92 0.00	43.02 -0.17 0.00	49.46 -0.20 0.00	57.46 0.11 0.00	63.98 -0.13 0.00	67.81 0.47 0.00	84.75 -1.82 0.00	92.83 -1.80 0.00	86.55 -1.77 0.00	73.21 -1.57 0.00	61.20 -0.12 0.00	46.86 -1.20 0.00	39.91 -1.58 0.00	36.49 -0.94 0.00
NIAGARA____ 23760	31.50 -0.13 0.00	29.53 -0.09 0.00	26.02 -0.92 0.00	25.58 -0.42 0.00	25.42 -0.28 0.00	26.17 -0.53 0.00	30.07 -0.30 0.00	32.76 -0.74 0.00	35.23 -0.90 0.00	36.88 -0.67 0.00	41.51 -0.38 0.00	43.63 0.43 0.00	50.21 0.55 0.00	58.26 0.91 0.00	65.52 1.41 0.00	68.81 1.48 0.00	85.97 -0.60 0.00	94.16 -0.47 0.00	87.79 -0.53 0.00	74.41 -0.37 0.00	62.12 0.80 0.00	47.68 -0.39 0.00	40.99 -0.50 0.00	37.16 -0.26 0.00
NINE_MILE_1 23575	31.28 -0.35 0.00	29.26 -0.35 0.00	26.51 -0.43 0.00	25.63 -0.36 0.00	25.36 -0.33 0.00	26.36 -0.35 0.00	30.04 -0.33 0.00	33.06 -0.44 0.00	35.59 -0.54 0.00	37.07 -0.49 0.00	41.51 -0.38 0.00	42.94 -0.26 0.00	49.41 -0.25 0.00	57.06 -0.29 0.00	63.92 -0.19 0.00	67.13 -0.20 0.00	85.88 -0.70 0.00	93.87 -0.76 0.00	87.71 -0.61 0.00	74.26 -0.52 0.00	61.20 -0.12 0.00	47.78 -0.29 0.00	41.15 -0.33 0.00	37.01 -0.41 0.00
NINE_MILE_2 23744	31.28 -0.35 0.00	29.29 -0.33 0.00	26.51 -0.43 0.00	25.63 -0.36 0.00	25.36 -0.33 0.00	26.36 -0.35 0.00	30.04 -0.33 0.00	33.06 -0.44 0.00	35.59 -0.54 0.00	37.07 -0.49 0.00	41.51 -0.38 0.00	42.94 -0.26 0.00	49.41 -0.25 0.00	57.06 -0.29 0.00	63.92 -0.19 0.00	67.13 -0.20 0.00	85.88 -0.70 0.00	93.87 -0.76 0.00	87.71 -0.61 0.00	74.26 -0.52 0.00	61.20 -0.12 0.00	47.78 -0.29 0.00	41.15 -0.33 0.00	37.01 -0.41 0.00
NM_CAPITAL____DRP 24208	32.07 0.44 0.00	30.00 0.39 0.00	27.48 0.54 0.00	26.59 0.60 0.00	26.26 0.57 0.00	27.13 0.43 0.00	30.68 0.30 0.00	33.78 0.50 0.22	36.34 0.61 0.41	37.77 0.75 0.54	43.03 1.17 0.03	44.41 1.21 0.00	50.85 1.19 0.00	58.26 0.92 0.00	65.52 1.41 0.00	68.75 1.41 0.00	87.47 1.73 0.83	96.52 1.89 0.00	90.53 2.21 0.00	76.58 1.79 0.00	62.92 1.59 0.00	49.55 1.49 0.00	42.90 1.41 0.00	38.25 0.82 0.00
NM_CENTRAL____DRP 24181	31.82 0.19 0.00	29.74 0.12 0.00	26.94 0.00 0.00	25.89 -0.10 0.00	25.65 -0.05 0.00	26.79 0.08 0.00	30.62 0.24 0.00	33.63 0.13 0.00	36.28 0.14 0.00	37.82 0.26 0.00	42.43 0.54 0.00	43.93 0.73 0.00	50.60 0.94 0.00	58.44 1.09 0.00	65.46 1.35 0.00	68.82 1.48 0.00	87.96 1.39 0.00	96.14 1.51 0.00	89.91 1.59 0.00	75.98 1.20 0.00	62.79 1.47 0.00	48.88 0.82 0.00	41.94 0.46 0.00	37.76 0.34 0.00
NM_FRONTIER____DRP 24179	31.03 -0.60 0.00	29.09 -0.53 0.00	25.67 -1.27 0.00	24.30 -1.69 0.00	24.23 -1.46 0.00	25.99 -0.72 0.00	30.19 -0.18 0.00	32.29 -1.21 0.00	34.72 -1.41 0.00	36.39 -1.16 0.00	40.96 -0.92 0.00	43.02 -0.17 0.00	49.46 -0.20 0.00	57.46 0.11 0.00	63.98 -0.13 0.00	67.81 0.47 0.00	84.75 -1.82 0.00	92.83 -1.80 0.00	86.55 -1.77 0.00	73.21 -1.57 0.00	61.20 -0.12 0.00	46.86 -1.20 0.00	39.91 -1.58 0.00	36.49 -0.94 0.00
NM_ST_REGIS____HYD 24053	31.09 -0.54 0.00	29.14 -0.47 0.00	26.21 -0.73 0.00	25.27 -0.73 0.00	24.88 -0.82 0.00	25.88 -0.83 0.00	29.46 -0.91 0.00	32.39 -1.11 0.00	34.90 -1.23 0.00	36.09 -1.46 0.00	39.87 -2.01 0.00	40.09 -3.11 0.00	45.98 -3.67 0.00	54.59 -2.75 0.00	60.71 -3.40 0.00	63.43 -3.91 0.00	81.81 -4.76 0.00	89.71 -4.92 0.00	83.46 -4.86 0.00	71.19 -3.59 0.00	57.52 -3.80 0.00	44.79 -3.27 0.00	39.00 -2.49 0.00	35.93 -1.50 0.00
NORTHPORT____1 23551	35.40 2.05 -1.72	31.08 1.45 -0.01	28.42 1.48 0.00	27.14 1.14 0.00	26.75 1.05 0.00	28.01 1.31 0.00	32.23 1.85 0.00	35.97 2.28 -0.19	38.57 2.09 -0.34	39.65 1.65 -0.45	43.70 2.30 0.48	44.88 2.46 0.77	50.66 2.33 1.33	53.23 2.46 6.58	56.67 3.01 10.45	52.26 4.58 19.66	73.18 5.37 18.76	82.49 5.30 17.43	75.81 5.30 17.81	65.10 3.96 13.65	57.33 2.82 6.82	41.28 2.31 9.09	43.58 2.74 0.65	39.61 2.43 0.24
NORTHPORT____2 23552	35.40 2.05 -1.72	31.08 1.45 -0.01	28.42 1.48 0.00	27.14 1.14 0.00	26.75 1.05 0.00	28.01 1.31 0.00	32.23 1.85 0.00	35.97 2.28 -0.19	38.57 2.09 -0.34	39.65 1.65 -0.45	43.70 2.30 0.48	44.88 2.46 0.77	50.66 2.33 1.33	53.23 2.46 6.58	56.67 3.01 10.45	52.26 4.58 19.66	73.18 5.37 18.76	82.49 5.30 17.43	75.81 5.30 17.81	65.10 3.96 13.65	57.33 2.82 6.82	41.28 2.31 9.09	43.58 2.74 0.65	39.61 2.43 0.24
NORTHPORT____3 23553	35.53 2.18 -1.72	31.25 1.63 -0.01	28.58 1.64 0.00	27.34 1.35 0.00	26.93 1.23 0.00	28.17 1.47 0.00	32.35 1.97 0.00	36.17 2.48 -0.19	38.75 2.28 -0.34	40.00 1.99 -0.45	43.67 2.26 0.47	44.72 2.29 0.77	50.62 2.29 1.32	53.23 2.46 6.58	56.74 3.08 10.44	52.78 5.11 19.67	73.37 5.55 18.75	82.79 5.58 17.43	76.34 5.83 17.81	65.76 4.64 13.66	58.07 3.56 6.81	41.56 2.59 9.10	43.54 2.70 0.64	39.72 2.32 0.03
NORTHPORT____4 23650	35.53 2.18 -1.72	31.25 1.63 -0.01	28.58 1.64 0.00	27.34 1.35 0.00	26.93 1.23 0.00	28.17 1.47 0.00	32.35 1.97 0.00	36.17 2.48 -0.19	38.75 2.28 -0.34	40.00 1.99 -0.45	43.67 2.26 0.47	44.72 2.29 0.77	50.62 2.29 1.32	53.23 2.46 6.58	56.74 3.08 10.44	52.78 5.11 19.67	73.37 5.55 18.75	82.79 5.58 17.43	76.34 5.83 17.81	65.76 4.64 13.66	58.07 3.56 6.81	41.56 2.59 9.10	43.54 2.70 0.64	39.72 2.32 0.03

NORTHPORT___IC 23718	35.40 2.05 -1.72	31.08 1.45 -0.01	28.42 1.48 0.00	27.14 1.14 0.00	26.75 1.05 0.00	28.01 1.31 0.00	32.23 1.85 0.00	35.97 2.28 -0.19	38.57 2.09 -0.34	39.65 1.65 -0.45	43.70 2.30 0.48	44.88 2.46 0.77	50.66 2.33 1.33	53.23 2.46 6.58	56.67 3.01 10.45	52.26 4.58 19.66	73.18 5.37 18.76	82.49 5.30 17.43	75.81 5.30 17.81	65.10 3.96 13.65	57.33 2.82 6.82	41.28 2.31 9.09	43.58 2.74 0.65	39.61 2.43 0.24
NORTH___COUNTRY_ESR 323785	31.03 -0.60 0.00	29.38 -0.24 0.00	26.62 -0.32 0.00	25.66 -0.34 0.00	25.36 -0.33 0.00	26.41 -0.29 0.00	30.07 -0.30 0.00	32.80 -0.71 0.00	35.34 -0.80 0.00	36.54 -1.01 0.00	40.13 -1.76 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.34 -2.01 0.00	61.61 -2.50 0.00	64.51 -2.83 0.00	83.11 -3.47 0.00	91.13 -3.50 0.00	84.53 -3.80 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	46.00 -2.07 0.00	39.46 -2.03 0.00	36.34 -1.09 0.00
NPX_GEN_1385_PROXY 323591	34.77 1.42 -1.72	30.34 0.71 -0.01	27.67 0.73 0.00	26.41 0.41 0.00	26.01 0.31 0.00	27.45 0.75 0.00	31.68 1.31 0.00	34.99 1.31 -0.19	37.63 1.16 -0.34	38.57 0.56 -0.45	41.17 1.26 1.97	45.38 1.47 -0.72	48.77 0.94 1.83	52.12 0.86 6.09	55.39 1.73 10.45	52.46 4.78 19.66	71.62 3.80 18.76	81.17 3.97 17.43	75.37 4.85 17.81	65.62 4.49 13.65	57.45 2.94 6.82	41.14 2.16 9.09	42.71 1.87 0.65	38.94 1.76 0.24
NPX_GEN_CSC 323557	36.32 2.97 -1.72	31.88 2.25 -0.01	29.17 2.23 0.00	27.84 1.85 0.00	27.42 1.72 0.00	28.73 2.03 0.00	33.14 2.76 0.00	36.97 3.28 -0.19	39.79 3.32 -0.34	40.75 2.74 -0.45	49.84 3.85 -4.10	57.40 4.11 -10.09	68.35 4.32 -14.37	136.62 4.82 -74.45	219.45 5.77 -149.57	328.27 7.47 -253.47	314.59 8.57 -219.45	299.49 8.89 -195.96	297.57 8.92 -200.33	267.72 7.25 -185.69	175.59 5.58 -108.69	154.69 4.33 -102.30	53.02 4.36 -7.18	48.37 3.67 -7.27
NSINS_S_GLNS_FALLS 23858	33.40 1.77 0.00	31.22 1.60 0.00	28.47 1.54 0.00	27.53 1.53 0.00	27.21 1.52 0.00	28.28 1.58 0.00	32.07 1.70 0.00	35.25 1.98 0.22	37.96 2.24 0.41	39.57 2.55 0.54	45.08 3.22 0.03	46.83 3.63 0.00	53.98 4.32 0.00	62.11 4.76 0.00	69.11 5.00 0.00	72.32 4.98 0.00	92.14 6.41 0.84	102.20 7.57 0.00	96.01 7.68 0.00	81.14 6.36 0.00	67.09 5.76 0.00	52.53 4.47 0.00	45.22 3.73 0.00	40.30 2.88 0.00
NUCOR_STEEL___DRP 24197	32.42 0.79 0.00	30.33 0.71 0.00	27.40 0.46 0.00	26.33 0.34 0.00	26.06 0.36 0.00	27.29 0.59 0.00	31.22 0.85 0.00	34.40 0.90 0.00	37.07 0.94 0.00	38.68 1.13 0.00	43.39 1.51 0.00	45.05 1.86 0.00	51.94 2.28 0.00	60.04 2.70 0.00	67.12 3.01 0.00	70.57 3.23 0.00	90.12 3.55 0.00	98.60 3.97 0.00	92.38 4.06 0.00	78.15 3.37 0.00	64.70 3.37 0.00	50.27 2.21 0.00	43.06 1.58 0.00	38.73 1.31 0.00
NUMBER_THREE_WT_PWR 323818	32.10 0.48 0.00	30.03 0.41 0.00	27.10 0.16 0.00	26.15 0.16 0.00	25.83 0.13 0.00	26.92 0.21 0.00	30.77 0.39 0.00	33.93 0.43 0.00	36.53 0.40 0.00	37.89 0.34 0.00	42.18 0.30 0.00	43.50 0.30 0.00	50.30 0.64 0.00	58.61 1.26 0.00	65.46 1.35 0.00	67.47 0.13 0.00	87.09 0.52 0.00	95.58 0.95 0.00	89.65 1.33 0.00	75.75 0.97 0.00	62.30 0.98 0.00	48.35 0.29 0.00	41.36 -0.12 0.00	37.46 0.04 0.00
NYISO_LBMP_REFERENCE 24008	31.63 0.00 0.00	29.62 0.00 0.00	26.94 0.00 0.00	25.99 0.00 0.00	25.70 0.00 0.00	26.71 0.00 0.00	30.37 0.00 0.00	33.50 0.00 0.00	36.13 0.00 0.00	37.56 0.00 0.00	41.88 0.00 0.00	43.20 0.00 0.00	49.66 0.00 0.00	57.35 0.00 0.00	64.11 0.00 0.00	67.33 0.00 0.00	86.57 0.00 0.00	94.63 0.00 0.00	88.32 0.00 0.00	74.78 0.00 0.00	61.32 0.00 0.00	48.06 0.00 0.00	41.49 0.00 0.00	37.42 0.00 0.00
NYPA_BRENTWD___GT 24164	36.00 2.66 -1.72	31.61 1.98 -0.01	28.90 1.97 0.00	27.63 1.64 0.00	27.21 1.52 0.00	28.50 1.79 0.00	32.80 2.43 0.00	36.64 2.95 -0.19	39.44 2.96 -0.34	40.67 2.63 -0.48	46.34 3.27 -1.19	48.49 3.50 -1.80	56.04 3.28 -3.11	76.42 3.61 -15.46	93.02 4.36 -24.55	119.68 6.06 -46.28	140.27 7.27 -46.43	142.98 7.39 -40.96	137.44 7.24 -41.88	112.34 5.46 -32.10	81.38 4.05 -16.01	72.62 3.17 -21.38	46.72 3.74 -1.50	49.84 3.29 -9.13
NYPA_GOWANUS___GT5 24156	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.06 3.09 2.38	54.97 3.52 12.66	58.15 4.18 13.36	129.85 5.71 -37.56	100.20 5.58 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NYPA_GOWANUS___GT6 24157	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.94 1.23 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.80 2.11 -0.19	38.86 2.38 -0.34	40.71 2.71 -0.45	45.46 3.56 -0.02	46.31 3.11 0.00	53.03 3.38 0.01	58.06 3.09 2.38	54.97 3.52 12.66	58.15 4.18 13.36	129.85 5.71 -37.56	100.20 5.58 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.81 2.64 10.14	50.89 2.83 0.01	44.93 3.44 0.00	39.41 1.98 0.00
NYPA_HARLEM__RVR_GT1 24160	33.41 1.77 -0.01	31.08 1.45 -0.01	28.43 1.48 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.08 1.36 -0.01	31.96 1.58 -0.01	35.73 2.04 -0.19	38.60 2.13 -0.34	40.48 2.48 -0.45	45.30 3.39 -0.02	46.09 2.89 0.00	52.93 3.28 0.01	60.38 3.04 0.01	67.50 3.40 0.01	71.43 4.11 0.01	92.90 5.62 -0.71	100.11 5.49 0.01	93.90 5.57 -0.01	79.20 4.41 -0.01	63.95 2.64 0.01	50.86 2.79 -0.01	44.82 3.32 -0.01	39.45 2.02 -0.01
NYPA_HARLEM__RVR_GT2 24161	33.41 1.77 -0.01	31.08 1.45 -0.01	28.43 1.48 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.08 1.36 -0.01	31.96 1.58 -0.01	35.73 2.04 -0.19	38.60 2.13 -0.34	40.48 2.48 -0.45	45.30 3.39 -0.02	46.09 2.89 0.00	52.93 3.28 0.01	60.38 3.04 0.01	67.50 3.40 0.01	71.43 4.11 0.01	92.90 5.62 -0.71	100.11 5.49 0.01	93.90 5.57 -0.01	79.20 4.41 -0.01	63.95 2.64 0.01	50.86 2.79 -0.01	44.82 3.32 -0.01	39.45 2.02 -0.01
NYPA_KENT___GT 24152	33.40 1.77 0.00	31.04 1.42 0.00	28.39 1.45 0.00	27.25 1.25 0.00	26.89 1.18 -0.01	28.01 1.31 0.00	31.89 1.52 0.00	35.76 2.08 -0.19	38.79 2.31 -0.34	40.63 2.63 -0.45	45.38 3.47 -0.02	46.31 3.11 0.00	52.98 3.33 0.01	58.16 3.04 2.22	55.71 3.40 11.80	58.99 4.11 12.45	107.19 5.62 -14.99	93.57 5.49 6.54	103.75 5.66 -9.78	74.28 4.41 4.91	54.43 2.58 9.47	50.79 2.74 0.01	44.85 3.36 0.00	39.37 1.94 0.00
NYPA_POUCH1___GT 24155	33.50 1.87 -0.01	31.14 1.51 -0.01	28.45 1.51 0.00	27.30 1.30 -0.01	26.91 1.21 -0.01	28.09 1.39 0.00	31.98 1.61 0.00	35.70 2.01 -0.19	39.94 2.28 -1.53	41.47 2.63 -1.29	42.65 3.39 2.62	42.83 2.94 3.31	47.57 3.18 5.27	50.54 2.92 9.73	48.83 3.27 18.55	50.58 3.97 20.72	98.63 5.46 -6.61	84.11 5.30 15.82	94.87 5.57 -0.98	66.51 4.34 12.60	49.00 2.46 14.78	45.62 2.69 5.13	43.04 3.32 1.77	39.30 1.87 0.00

NYPA_VERNON____GT2 24162	33.31 1.68 0.00	30.95 1.33 0.00	28.31 1.37 0.00	27.17 1.17 0.00	26.81 1.10 -0.01	27.96 1.26 0.00	31.83 1.46 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.56 2.56 -0.45	45.34 3.44 -0.02	46.26 3.07 0.00	52.93 3.28 0.01	58.21 2.92 2.06	56.44 3.27 10.94	59.76 3.97 11.55	84.36 5.37 7.58	86.85 5.30 13.08	80.54 5.48 13.26	62.85 4.26 16.19	54.99 2.46 8.79	50.75 2.69 0.01	44.77 3.28 0.00	39.33 1.91 0.00
NYPA_VERNON____GT3 24163	33.31 1.68 0.00	30.95 1.33 0.00	28.31 1.37 0.00	27.17 1.17 0.00	26.81 1.10 -0.01	27.96 1.26 0.00	31.83 1.46 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.56 2.56 -0.45	45.34 3.44 -0.02	46.26 3.07 0.00	52.93 3.28 0.01	58.21 2.92 2.06	56.44 3.27 10.94	59.76 3.97 11.55	84.36 5.37 7.58	86.85 5.30 13.08	80.54 5.48 13.26	62.85 4.26 16.19	54.99 2.46 8.79	50.75 2.69 0.01	44.77 3.28 0.00	39.33 1.91 0.00
NYPA____ASTORIA_CC1 323568	33.27 1.64 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.14 1.14 0.00	26.79 1.08 -0.01	27.94 1.23 0.00	31.80 1.43 0.00	35.66 1.98 -0.19	38.64 2.17 -0.34	40.45 2.44 -0.45	45.21 3.31 -0.02	46.14 2.94 0.00	52.73 3.08 0.01	57.77 2.81 2.38	54.52 3.08 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.32 5.01 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.47 2.33 10.18	50.60 2.55 0.01	44.68 3.19 0.00	39.26 1.83 0.00
NYPA____ASTORIA_CC2 323569	33.27 1.64 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.14 1.14 0.00	26.79 1.08 -0.01	27.94 1.23 0.00	31.80 1.43 0.00	35.66 1.98 -0.19	38.64 2.17 -0.34	40.45 2.44 -0.45	45.21 3.31 -0.02	46.14 2.94 0.00	52.73 3.08 0.01	57.77 2.81 2.38	54.52 3.08 12.66	57.74 3.77 13.36	73.10 5.19 18.67	81.32 5.01 18.32	68.04 5.21 25.49	54.79 4.04 24.03	53.47 2.33 10.18	50.60 2.55 0.01	44.68 3.19 0.00	39.26 1.83 0.00
NYPA____HOLTSVILL 23794	35.91 2.56 -1.72	31.52 1.90 -0.01	28.82 1.89 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.39 1.68 0.00	32.71 2.34 0.00	36.50 2.81 -0.19	39.29 2.82 -0.34	40.34 2.33 -0.45	50.52 3.14 -5.49	54.97 3.33 -8.45	67.64 3.38 -14.60	133.65 3.67 -72.63	183.82 4.36 -115.35	290.77 6.06 -217.38	309.19 7.10 -215.52	294.26 7.19 -192.44	292.21 7.15 -196.74	231.21 5.61 -150.82	140.70 4.17 -75.20	151.84 3.31 -100.46	52.15 3.61 -7.05	47.67 3.07 -7.17
NYPA____HELLGATE_GT1 24158	33.41 1.77 -0.01	31.08 1.45 -0.01	28.43 1.48 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.08 1.36 -0.01	31.96 1.58 -0.01	35.73 2.04 -0.19	38.57 2.09 -0.34	40.45 2.44 -0.45	45.30 3.39 -0.02	46.09 2.89 0.00	52.93 3.28 0.01	60.38 3.04 0.01	67.50 3.40 0.01	71.43 4.11 0.01	92.90 5.62 -0.71	100.11 5.49 0.01	93.90 5.57 -0.01	79.20 4.41 -0.01	63.95 2.64 0.01	50.86 2.79 -0.01	44.82 3.32 -0.01	39.41 1.98 -0.01
NYPA____HELLGATE_GT2 24159	33.41 1.77 -0.01	31.08 1.45 -0.01	28.43 1.48 -0.01	27.28 1.27 -0.01	26.91 1.21 -0.01	28.08 1.36 -0.01	31.96 1.58 -0.01	35.73 2.04 -0.19	38.57 2.09 -0.34	40.45 2.44 -0.45	45.30 3.39 -0.02	46.09 2.89 0.00	52.93 3.28 0.01	60.38 3.04 0.01	67.50 3.40 0.01	71.43 4.11 0.01	92.90 5.62 -0.71	100.11 5.49 0.01	93.90 5.57 -0.01	79.20 4.41 -0.01	63.95 2.64 0.01	50.86 2.79 -0.01	44.82 3.32 -0.01	39.41 1.98 -0.01
NYS_BARGE____HYD 23848	31.72 0.10 0.00	29.68 0.06 0.00	26.24 -0.70 0.00	25.79 -0.21 0.00	25.62 -0.08 0.00	26.41 -0.29 0.00	30.28 -0.09 0.00	33.06 -0.44 0.00	35.52 -0.61 0.00	37.14 -0.41 0.00	41.88 0.00 0.00	44.02 0.82 0.00	50.60 0.94 0.00	58.89 1.55 0.00	66.16 2.05 0.00	69.49 2.15 0.00	86.83 0.26 0.00	95.20 0.57 0.00	88.76 0.44 0.00	75.16 0.38 0.00	62.73 1.41 0.00	48.11 0.05 0.00	41.28 -0.21 0.00	37.39 -0.04 0.00
OAK ORCHARD____HYD 24046	32.20 0.57 0.00	30.12 0.50 0.00	26.83 -0.11 0.00	26.18 0.18 0.00	25.96 0.26 0.00	26.87 0.16 0.00	30.86 0.48 0.00	33.87 0.37 0.00	36.42 0.29 0.00	38.04 0.49 0.00	42.85 0.96 0.00	44.75 1.55 0.00	51.59 1.93 0.00	59.87 2.52 0.00	67.31 3.20 0.00	70.70 3.37 0.00	89.34 2.77 0.00	97.85 3.22 0.00	91.41 3.09 0.00	77.47 2.69 0.00	64.21 2.88 0.00	49.50 1.44 0.00	42.40 0.91 0.00	38.17 0.75 0.00
OAKDALE__35_KV_LOAD 356122	32.20 0.57 0.00	30.15 0.53 0.00	27.26 0.32 0.00	26.20 0.21 0.00	25.93 0.23 0.00	27.16 0.45 0.00	31.10 0.73 0.00	34.14 0.64 0.00	36.78 0.65 0.00	38.38 0.83 0.00	43.14 1.26 0.00	44.84 1.64 0.00	51.70 2.04 0.00	59.70 2.35 0.00	66.80 2.69 0.00	70.36 3.03 0.00	89.78 3.20 0.00	98.13 3.50 0.00	91.68 3.36 0.00	77.47 2.69 0.00	64.02 2.70 0.00	49.74 1.68 0.00	42.61 1.12 0.00	38.28 0.86 0.00
OCC_CHEM____DRP 24175	31.12 -0.51 0.00	29.17 -0.44 0.00	25.75 -1.19 0.00	24.38 -1.61 0.00	24.28 -1.41 0.00	26.04 -0.67 0.00	30.28 -0.09 0.00	32.39 -1.11 0.00	34.83 -1.30 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.15 -0.04 0.00	49.61 -0.05 0.00	57.63 0.29 0.00	64.17 0.06 0.00	68.01 0.67 0.00	85.01 -1.56 0.00	93.11 -1.51 0.00	86.73 -1.59 0.00	73.36 -1.42 0.00	61.38 0.06 0.00	46.96 -1.11 0.00	40.04 -1.45 0.00	36.60 -0.82 0.00
OH_GEN_PROXY 24063	31.50 -0.13 0.00	29.56 -0.06 0.00	26.05 -0.89 0.00	25.60 -0.39 0.00	25.42 -0.28 0.00	26.20 -0.51 0.00	30.10 -0.27 0.00	32.83 -0.67 0.00	35.30 -0.83 0.00	36.95 -0.60 0.00	40.10 -0.29 1.49	45.21 0.52 -1.49	49.81 0.64 0.50	58.93 1.09 -0.50	65.71 1.60 0.00	69.02 1.68 0.00	86.23 -0.34 0.00	94.44 -0.19 0.00	88.14 -0.18 0.00	74.56 -0.22 0.00	62.24 0.92 0.00	47.78 -0.29 0.00	41.07 -0.41 0.00	37.20 -0.22 0.00
OLIN_CORP_DRP 24177	31.28 -0.35 0.00	29.41 -0.21 0.00	25.97 -0.97 0.00	24.59 -1.40 0.00	24.21 -1.49 0.00	25.99 -0.72 0.00	30.37 0.00 0.00	32.53 -0.97 0.00	34.94 -1.19 0.00	36.62 -0.94 0.00	41.34 -0.54 0.00	43.37 0.17 0.00	49.91 0.25 0.00	58.03 0.69 0.00	64.56 0.45 0.00	68.48 1.14 0.00	85.62 -0.95 0.00	93.78 -0.85 0.00	87.44 -0.88 0.00	73.89 -0.90 0.00	61.81 0.49 0.00	47.24 -0.82 0.00	40.20 -1.29 0.00	36.71 -0.71 0.00
OLIN_CORP_DSASP 323712	31.19 -0.44 0.00	29.41 -0.21 0.00	25.73 -1.21 0.00	25.32 -0.68 0.00	25.16 -0.54 0.00	25.88 -0.83 0.00	29.73 -0.64 0.00	32.43 -1.07 0.00	34.90 -1.23 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.20 0.00 0.00	49.66 0.00 0.00	57.63 0.29 0.00	64.82 0.71 0.00	68.08 0.74 0.00	84.92 -1.65 0.00	93.02 -1.61 0.00	86.73 -1.59 0.00	73.44 -1.34 0.00	61.38 0.06 0.00	47.15 -0.91 0.00	40.58 -0.91 0.00	36.79 -0.64 0.00
ONEIDA_HERK_LFGE 323681	32.32 0.69 0.00	30.24 0.62 0.00	27.37 0.43 0.00	26.41 0.41 0.00	26.11 0.41 0.00	27.19 0.48 0.00	31.01 0.64 0.00	34.24 0.74 0.00	36.92 0.79 0.00	38.38 0.83 0.00	42.89 1.00 0.00	44.28 1.08 0.00	51.10 1.44 0.00	59.30 1.95 0.00	66.29 2.18 0.00	68.88 1.55 0.00	88.74 2.17 0.00	97.18 2.56 0.00	91.06 2.74 0.00	76.95 2.17 0.00	63.34 2.02 0.00	49.31 1.25 0.00	42.32 0.83 0.00	38.13 0.71 0.00

ONEIDA___115KV_TB4 55905	32.67 1.04 0.00	30.57 0.95 0.00	27.67 0.73 0.00	26.64 0.65 0.00	26.37 0.67 0.00	27.53 0.83 0.00	31.44 1.06 0.00	34.67 1.17 0.00	37.40 1.26 0.00	38.91 1.35 0.00	43.64 1.76 0.00	45.14 1.94 0.00	52.04 2.38 0.00	60.21 2.87 0.00	67.38 3.27 0.00	70.57 3.23 0.00	90.55 3.98 0.00	98.98 4.35 0.00	92.74 4.42 0.00	78.30 3.51 0.00	64.63 3.31 0.00	50.27 2.21 0.00	43.11 1.62 0.00	38.88 1.46 0.00
ONONDAGA_REF_OCCRA 23987	31.91 0.28 0.00	29.86 0.24 0.00	27.02 0.08 0.00	25.99 0.00 0.00	25.72 0.03 0.00	26.89 0.19 0.00	30.74 0.36 0.00	33.80 0.30 0.00	36.42 0.29 0.00	38.01 0.45 0.00	42.59 0.71 0.00	44.10 0.91 0.00	50.80 1.14 0.00	58.66 1.32 0.00	65.71 1.60 0.00	69.08 1.75 0.00	88.30 1.73 0.00	96.62 1.99 0.00	90.35 2.03 0.00	76.43 1.65 0.00	63.10 1.78 0.00	49.12 1.06 0.00	42.19 0.71 0.00	37.91 0.49 0.00
ONONDAGA___COGEN 23986	32.01 0.38 0.00	29.94 0.33 0.00	27.10 0.16 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.97 0.27 0.00	30.80 0.43 0.00	33.90 0.40 0.00	36.53 0.40 0.00	38.12 0.56 0.00	42.76 0.88 0.00	44.06 0.86 0.00	50.70 1.04 0.00	58.61 1.26 0.00	65.58 1.47 0.00	68.95 1.62 0.00	88.13 1.56 0.00	96.33 1.70 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.72 0.00	49.12 1.06 0.00	42.36 0.87 0.00	38.10 0.67 0.00
ONTARIO___LFGE 23819	32.48 0.85 0.00	30.39 0.77 0.00	27.23 0.30 0.00	26.41 0.41 0.00	26.21 0.51 0.00	27.29 0.59 0.00	31.28 0.91 0.00	34.47 0.97 0.00	37.07 0.94 0.00	38.64 1.09 0.00	43.56 1.68 0.00	45.36 2.16 0.00	52.34 2.68 0.00	60.61 3.27 0.00	68.15 4.04 0.00	71.65 4.31 0.00	90.98 4.41 0.00	99.64 5.01 0.00	93.18 4.85 0.00	78.82 4.04 0.00	65.25 3.93 0.00	50.37 2.31 0.00	43.06 1.58 0.00	38.81 1.39 0.00
ORANGEVILLE_WT_PWR 323706	32.07 0.44 0.00	30.06 0.44 0.00	26.64 -0.30 0.00	26.07 0.08 0.00	25.93 0.23 0.00	26.87 0.16 0.00	30.86 0.48 0.00	33.80 0.30 0.00	36.39 0.25 0.00	38.08 0.53 0.00	43.01 1.13 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.33 2.98 0.00	67.83 3.72 0.00	71.31 3.97 0.00	89.34 2.77 0.00	97.94 3.31 0.00	91.41 3.09 0.00	77.25 2.46 0.00	64.33 3.00 0.00	49.41 1.34 0.00	42.27 0.79 0.00	38.21 0.79 0.00
ORANGEVILLE___ESR 323794	32.07 0.44 0.00	30.06 0.44 0.00	26.64 -0.30 0.00	26.07 0.08 0.00	25.93 0.23 0.00	26.87 0.16 0.00	30.86 0.48 0.00	33.80 0.30 0.00	36.39 0.25 0.00	38.08 0.53 0.00	43.01 1.13 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.33 2.98 0.00	67.83 3.72 0.00	71.31 3.97 0.00	89.34 2.77 0.00	97.94 3.31 0.00	91.41 3.09 0.00	77.25 2.46 0.00	64.33 3.00 0.00	49.41 1.34 0.00	42.27 0.79 0.00	38.21 0.79 0.00
OSWEGATCHIE___HYD 24044	31.44 -0.19 0.00	29.44 -0.18 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.16 -0.54 0.00	26.25 -0.45 0.00	29.95 -0.43 0.00	33.00 -0.50 0.00	35.52 -0.61 0.00	36.76 -0.79 0.00	40.42 -1.47 0.00	41.47 -1.73 0.00	47.82 -1.84 0.00	56.32 -1.03 0.00	62.76 -1.35 0.00	64.84 -2.49 0.00	83.72 -2.85 0.00	91.88 -2.75 0.00	85.85 -2.47 0.00	72.84 -1.94 0.00	59.36 -1.96 0.00	46.14 -1.92 0.00	39.50 -1.99 0.00	36.34 -1.09 0.00
OSWEGO___5 23606	31.47 -0.16 0.00	29.44 -0.18 0.00	26.67 -0.27 0.00	25.79 -0.21 0.00	25.52 -0.18 0.00	26.52 -0.19 0.00	30.22 -0.15 0.00	33.27 -0.23 0.00	35.84 -0.29 0.00	37.33 -0.22 0.00	41.80 -0.08 0.00	43.28 0.09 0.00	49.76 0.10 0.00	57.52 0.17 0.00	64.43 0.32 0.00	67.60 0.27 0.00	86.49 -0.09 0.00	94.63 0.00 0.00	88.41 0.09 0.00	74.86 0.07 0.00	61.69 0.37 0.00	48.11 0.05 0.00	41.45 -0.04 0.00	37.27 -0.15 0.00
OSWEGO___6 23613	31.47 -0.16 0.00	29.44 -0.18 0.00	26.67 -0.27 0.00	25.79 -0.21 0.00	25.52 -0.18 0.00	26.52 -0.19 0.00	30.22 -0.15 0.00	33.27 -0.23 0.00	35.84 -0.29 0.00	37.33 -0.22 0.00	41.80 -0.08 0.00	43.28 0.09 0.00	49.76 0.10 0.00	57.52 0.17 0.00	64.43 0.32 0.00	67.60 0.27 0.00	86.49 -0.09 0.00	94.63 0.00 0.00	88.41 0.09 0.00	74.86 0.07 0.00	61.69 0.37 0.00	48.11 0.05 0.00	41.45 -0.04 0.00	37.27 -0.15 0.00
OUTOKUMPU-AB___DRP 24206	31.95 0.32 0.00	29.94 0.33 0.00	26.45 -0.48 0.00	25.03 -0.96 0.00	24.82 -0.87 0.00	26.65 -0.05 0.00	31.10 0.73 0.00	33.37 -0.13 0.00	35.91 -0.22 0.00	37.63 0.08 0.00	42.47 0.59 0.00	44.58 1.38 0.00	51.10 1.44 0.00	59.47 2.12 0.00	66.10 1.99 0.00	70.16 2.83 0.00	87.70 1.13 0.00	96.14 1.51 0.00	89.47 1.15 0.00	75.61 0.82 0.00	63.22 1.90 0.00	48.30 0.24 0.00	41.24 -0.25 0.00	37.65 0.22 0.00
OXBOW___ 24026	31.66 0.03 0.00	29.80 0.18 0.00	26.13 -0.81 0.00	25.68 -0.31 0.00	25.52 -0.18 0.00	26.31 -0.40 0.00	30.22 -0.15 0.00	33.00 -0.50 0.00	35.55 -0.58 0.00	37.18 -0.38 0.00	41.67 -0.21 0.00	43.80 0.60 0.00	50.30 0.64 0.00	58.43 1.09 0.00	65.65 1.54 0.00	68.95 1.61 0.00	86.06 -0.52 0.00	94.35 -0.28 0.00	87.97 -0.35 0.00	74.41 -0.37 0.00	62.18 0.86 0.00	47.78 -0.29 0.00	41.28 -0.21 0.00	37.42 0.00 0.00
OXY_CHEM_DSASP 323612	31.12 -0.51 0.00	29.17 -0.44 0.00	25.75 -1.19 0.00	24.38 -1.61 0.00	24.28 -1.41 0.00	26.04 -0.67 0.00	30.28 -0.09 0.00	32.39 -1.11 0.00	34.83 -1.30 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.15 -0.04 0.00	49.61 -0.05 0.00	57.63 0.29 0.00	64.17 0.06 0.00	68.01 0.67 0.00	85.01 -1.56 0.00	93.11 -1.51 0.00	86.73 -1.59 0.00	73.36 -1.42 0.00	61.38 0.06 0.00	46.96 -1.11 0.00	40.04 -1.45 0.00	36.60 -0.82 0.00
OZONE_PARK_ESR 323760	33.56 1.93 0.00	31.25 1.63 0.00	28.53 1.59 0.00	27.71 1.72 0.00	27.37 1.67 0.00	28.20 1.50 0.00	32.01 1.64 0.00	36.03 2.35 -0.19	39.11 2.64 -0.34	40.86 2.85 -0.45	45.55 3.64 -0.02	47.00 3.80 0.00	53.83 4.17 0.00	61.42 4.07 0.00	68.79 4.68 0.00	72.59 5.25 0.00	94.37 7.10 -0.70	101.73 7.10 0.00	95.56 7.24 0.00	80.54 5.76 0.00	64.82 3.50 0.00	51.62 3.56 0.00	45.22 3.73 0.00	39.67 2.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.12 -0.51 0.00	29.17 -0.44 0.00	25.75 -1.19 0.00	24.38 -1.61 0.00	24.28 -1.41 0.00	26.04 -0.67 0.00	30.28 -0.09 0.00	32.39 -1.11 0.00	34.83 -1.30 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.15 -0.04 0.00	49.61 -0.05 0.00	57.63 0.29 0.00	64.17 0.06 0.00	68.01 0.67 0.00	85.01 -1.56 0.00	93.11 -1.51 0.00	86.73 -1.59 0.00	73.36 -1.42 0.00	61.38 0.06 0.00	46.96 -1.11 0.00	40.04 -1.45 0.00	36.60 -0.82 0.00
PACKARD___115KV_DUPONT_184 80571	31.12 -0.51 0.00	29.17 -0.44 0.00	25.75 -1.19 0.00	24.38 -1.61 0.00	24.28 -1.41 0.00	26.04 -0.67 0.00	30.28 -0.09 0.00	32.39 -1.11 0.00	34.83 -1.30 0.00	36.50 -1.05 0.00	41.09 -0.80 0.00	43.15 -0.04 0.00	49.61 -0.05 0.00	57.63 0.29 0.00	64.17 0.06 0.00	68.01 0.67 0.00	85.01 -1.56 0.00	93.11 -1.51 0.00	86.73 -1.59 0.00	73.36 -1.42 0.00	61.38 0.06 0.00	46.96 -1.11 0.00	40.04 -1.45 0.00	36.60 -0.82 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.50 1.87 -0.01	31.20 1.57 -0.01	28.48 1.54 -0.01	27.67 1.66 -0.01	27.33 1.62 -0.01	28.13 1.42 -0.01	31.93 1.55 -0.01	35.76 2.08 -0.19	38.57 2.10 -0.34	40.41 2.40 -0.45	44.96 3.06 -0.02	46.18 2.98 0.00	52.83 3.18 0.01	60.32 2.98 0.01	67.56 3.46 0.01	71.30 3.97 0.01	92.73 5.45 -0.71	99.92 5.30 0.01	93.72 5.39 -0.01	79.05 4.26 -0.01	63.77 2.45 0.01	50.81 2.74 -0.01	44.73 3.24 -0.01	39.41 1.98 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.85 2.21 -0.01	31.49 1.87 -0.01	28.75 1.80 -0.01	27.93 1.92 -0.01	27.58 1.88 -0.01	28.37 1.66 -0.01	32.20 1.82 -0.01	36.07 2.38 -0.19	38.93 2.46 -0.34	40.79 2.78 -0.45	45.38 3.48 -0.02	46.52 3.33 0.00	53.38 3.72 0.01	60.84 3.50 0.01	68.20 4.10 0.01	71.97 4.65 0.01	93.17 5.89 -0.71	101.62 7.00 0.01	94.78 6.45 -0.01	79.73 4.94 -0.01	64.26 2.94 0.01	51.24 3.17 -0.01	45.19 3.69 -0.01	39.79 2.36 -0.01
PATROON__115KV_TB1 80586	32.10 0.47 0.00	30.03 0.41 0.00	27.50 0.57 0.00	26.62 0.62 0.00	26.29 0.59 0.00	27.16 0.45 0.00	30.71 0.33 0.00	33.86 0.57 0.21	36.44 0.69 0.38	37.88 0.83 0.50	43.11 1.26 0.03	44.45 1.25 0.00	51.00 1.34 0.00	58.44 1.09 0.00	65.71 1.60 0.00	68.95 1.62 0.00	87.70 1.90 0.78	96.81 2.18 0.00	90.79 2.47 0.00	76.80 2.02 0.00	63.10 1.78 0.00	49.70 1.63 0.00	42.98 1.49 0.00	38.32 0.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.26 0.63 0.00	30.24 0.62 0.00	26.80 -0.13 0.00	25.42 -0.57 0.00	25.16 -0.54 0.00	27.00 0.29 0.00	31.53 1.15 0.00	33.87 0.37 0.00	36.46 0.33 0.00	38.23 0.68 0.00	43.22 1.34 0.00	45.40 2.20 0.00	52.39 2.73 0.00	61.02 3.67 0.00	67.96 3.85 0.00	72.11 4.78 0.00	90.38 3.81 0.00	98.98 4.35 0.00	92.21 3.89 0.00	77.70 2.92 0.00	64.82 3.50 0.00	49.41 1.35 0.00	41.86 0.37 0.00	38.17 0.75 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.31 1.68 0.00	31.04 1.42 0.00	28.39 1.45 0.00	27.58 1.59 0.00	27.16 1.46 0.00	28.09 1.39 0.00	31.86 1.49 0.00	35.74 2.08 -0.16	38.77 2.35 -0.29	40.53 2.59 -0.39	45.55 3.64 -0.02	47.13 3.93 0.00	54.28 4.62 0.00	62.11 4.76 0.00	69.43 5.32 0.00	73.06 5.72 0.00	94.79 7.62 -0.60	102.67 8.04 0.00	96.27 7.95 0.00	81.21 6.43 0.00	66.23 4.91 0.00	52.29 4.23 0.00	45.18 3.69 0.00	39.93 2.51 0.00
PEEKSKILL____ 23653	32.83 1.20 0.00	30.57 0.95 0.00	27.99 1.05 0.00	26.90 0.91 0.00	26.54 0.85 0.00	27.69 0.99 0.00	31.44 1.06 0.00	35.22 1.54 -0.18	38.23 1.77 -0.33	39.98 1.99 -0.44	44.79 2.89 -0.02	46.00 2.81 0.00	52.84 3.18 0.00	60.38 3.04 0.00	67.57 3.46 0.00	71.44 4.11 0.00	92.71 5.46 -0.68	100.12 5.49 0.00	93.89 5.57 0.00	79.12 4.34 0.00	64.27 2.94 0.00	50.85 2.79 0.00	44.35 2.86 0.00	39.07 1.64 0.00
PGE MADISON__WINDPWR 24146	35.02 3.39 0.00	32.61 2.99 0.00	29.25 2.32 0.00	28.31 2.31 0.00	28.04 2.34 0.00	29.32 2.62 0.00	33.66 3.28 0.00	37.25 3.75 0.00	40.00 3.87 0.00	41.53 3.98 0.00	46.82 4.94 0.00	48.55 5.36 0.00	56.41 6.75 0.00	65.49 8.14 0.00	73.34 9.23 0.00	76.63 9.30 0.00	98.52 11.95 0.00	108.26 13.63 0.00	102.27 13.95 0.00	86.14 11.36 0.00	71.69 10.37 0.00	55.17 7.11 0.00	46.92 5.43 0.00	41.99 4.56 0.00
PIERCEFIELD__HYD 23852	30.97 -0.66 0.00	29.00 -0.62 0.00	26.05 -0.89 0.00	25.11 -0.88 0.00	24.70 -1.00 0.00	25.69 -1.01 0.00	29.22 -1.15 0.00	32.19 -1.31 0.00	34.69 -1.45 0.00	35.83 -1.73 0.00	39.62 -2.26 0.00	39.70 -3.50 0.00	45.54 -4.12 0.00	54.25 -3.10 0.00	60.33 -3.78 0.00	63.02 -4.31 0.00	81.29 -5.28 0.00	89.24 -5.39 0.00	83.02 -5.30 0.00	70.67 -4.11 0.00	57.09 -4.23 0.00	44.36 -3.70 0.00	38.75 -2.74 0.00	35.74 -1.68 0.00
PINELAWN_CC_1 323563	35.81 2.47 -1.72	31.46 1.84 -0.01	28.77 1.83 0.00	27.53 1.53 0.00	27.11 1.41 0.00	28.36 1.66 0.00	32.62 2.25 0.00	36.47 2.78 -0.19	39.25 2.78 -0.34	40.53 2.52 -0.46	45.16 2.89 -0.39	46.78 3.02 -0.56	53.51 2.88 -0.97	65.37 3.21 -4.81	75.67 3.91 -7.64	87.28 5.52 -14.42	108.18 6.67 -14.94	114.10 6.72 -12.75	107.99 6.63 -13.04	89.71 4.93 -10.00	69.99 3.68 -4.98	57.60 2.88 -6.66	45.36 3.40 -0.47	42.17 3.03 -1.72
PJM_GEN_HTP_PROXY 323702	33.09 1.46 0.00	30.74 1.13 0.00	28.15 1.21 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.83 1.12 0.00	31.65 1.28 0.00	35.53 1.84 -0.19	38.60 2.13 -0.34	40.37 2.37 -0.45	43.72 3.31 1.47	47.84 3.15 -1.49	52.74 3.58 0.50	61.23 3.38 -0.50	67.89 3.78 0.00	71.85 4.51 0.00	93.33 6.06 -0.70	100.59 5.97 0.00	94.41 6.09 0.00	79.50 4.71 0.00	64.15 2.82 0.00	50.95 2.88 0.00	44.68 3.19 0.00	39.22 1.80 0.00
PJM_GEN_KEystone 24065	32.13 0.50 0.00	30.00 0.38 0.00	27.10 0.16 0.00	26.23 0.23 0.00	25.96 0.26 0.00	27.03 0.32 0.00	30.83 0.46 0.00	34.20 0.60 -0.10	36.78 0.65 0.00	38.52 0.86 -0.11	41.55 1.55 1.88	46.04 1.86 -0.99	50.59 2.24 1.30	58.96 2.41 0.79	65.27 2.95 1.79	68.90 3.43 1.87	90.48 3.55 -0.36	95.81 3.60 2.42	89.29 3.54 2.57	74.94 2.62 2.46	62.11 2.20 1.42	48.77 1.49 0.78	42.67 1.45 0.27	38.17 0.75 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.18 1.83 -1.72	30.96 1.33 -0.01	28.31 1.37 0.00	27.11 1.12 0.00	26.70 1.00 0.00	27.91 1.20 0.00	32.04 1.67 0.00	35.80 2.11 -0.19	38.53 2.06 -0.34	39.92 1.91 -0.45	42.97 2.56 1.47	47.32 2.64 -1.49	51.89 2.73 0.50	60.71 2.87 -0.50	67.51 3.40 0.00	72.20 4.85 -0.02	93.07 5.80 -0.70	100.40 5.77 0.00	94.06 5.74 0.00	79.12 4.34 0.00	64.57 3.25 0.00	50.70 2.64 0.00	44.48 2.99 0.00	39.97 2.25 -0.30
PJM_GEN_VFT_PROXY 323633	32.90 1.27 0.00	30.57 0.95 0.00	27.95 1.02 0.01	26.85 0.86 0.00	26.50 0.80 0.00	27.63 0.93 0.01	31.46 1.09 0.01	35.33 1.64 -0.19	35.80 1.91 2.24	38.29 2.10 1.36	37.66 3.02 7.24	40.27 2.81 5.73	40.73 3.08 12.01	42.23 2.81 17.93	41.73 3.14 25.52	41.66 3.77 29.44	61.68 5.19 30.09	65.09 5.01 34.55	56.79 5.21 36.74	43.81 4.11 35.08	43.32 2.27 20.27	39.37 2.50 11.19	40.49 2.86 3.86	38.96 1.53 0.00
PLATSBRG_115KV_PMLD1 355749	31.38 -0.25 0.00	29.56 -0.06 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.52 -0.18 0.00	26.57 -0.13 0.00	30.25 -0.12 0.00	32.66 -0.84 0.00	35.19 -0.94 0.00	36.39 -1.16 0.00	40.25 -1.63 0.00	41.04 -2.16 0.00	47.18 -2.48 0.00	55.17 -2.18 0.00	61.48 -2.63 0.00	64.30 -3.03 0.00	82.68 -3.90 0.00	90.65 -3.97 0.00	84.17 -4.15 0.00	71.87 -2.92 0.00	58.50 -2.82 0.00	45.90 -2.16 0.00	39.54 -1.95 0.00	36.23 -1.20 0.00
PLEASANTVLY__LBMP 24000	32.70 1.08 0.00	30.57 0.95 0.00	27.99 1.05 0.00	27.14 1.14 0.00	26.80 1.11 0.00	27.64 0.93 0.00	31.25 0.88 0.00	35.02 1.31 -0.21	38.00 1.48 -0.39	39.72 1.65 -0.52	44.17 2.26 -0.03	45.62 2.42 0.00	52.29 2.63 0.00	59.75 2.41 0.00	67.06 2.95 0.00	70.63 3.30 0.00	91.62 4.24 -0.80	98.89 4.26 0.00	92.74 4.42 0.00	78.30 3.51 0.00	63.71 2.39 0.00	50.42 2.36 0.00	43.89 2.41 0.00	38.85 1.42 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	33.08 1.45 0.00	30.86 1.24 0.00	28.23 1.29 0.00	27.40 1.40 0.00	27.06 1.36 0.00	27.93 1.23 0.00	31.65 1.28 0.00	35.46 1.78 -0.19	38.50 2.02 -0.35	40.23 2.22 -0.46	44.84 2.93 -0.02	46.31 3.11 0.00	53.09 3.43 0.00	60.67 3.33 0.00	68.02 3.91 0.00	71.71 4.38 0.00	93.08 5.80 -0.71	100.50 5.87 0.00	94.24 5.92 0.00	79.49 4.71 0.00	64.45 3.13 0.00	51.09 3.03 0.00	44.52 3.03 0.00	39.29 1.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.08 1.45 0.00	30.86 1.24 0.00	28.23 1.29 0.00	27.40 1.40 0.00	27.06 1.36 0.00	27.93 1.23 0.00	31.65 1.28 0.00	35.46 1.78 -0.19	38.50 2.02 -0.35	40.23 2.22 -0.46	44.84 2.93 -0.02	46.31 3.11 0.00	53.09 3.43 0.00	60.67 3.33 0.00	68.02 3.91 0.00	71.71 4.38 0.00	93.08 5.80 -0.71	100.50 5.87 0.00	94.24 5.92 0.00	79.49 4.71 0.00	64.45 3.13 0.00	51.09 3.03 0.00	44.52 3.03 0.00	39.29 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.02 1.39 0.00	30.83 1.21 0.00	28.23 1.29 0.00	27.37 1.38 0.00	27.01 1.31 0.00	27.83 1.12 0.00	31.44 1.06 0.00	35.02 1.57 0.05	37.73 1.70 0.10	39.34 1.92 0.13	44.47 2.60 0.01	46.05 2.85 0.00	52.89 3.23 0.00	60.50 3.15 0.00	67.89 3.78 0.00	71.37 4.04 0.00	91.91 5.54 0.21	100.31 5.68 0.00	93.97 5.65 0.00	79.34 4.56 0.00	64.63 3.31 0.00	51.09 3.03 0.00	44.35 2.86 0.00	39.22 1.80 0.00
POLETTI____ 23519	33.18 1.55 0.00	30.92 1.30 0.00	28.23 1.29 0.00	27.42 1.43 0.00	27.09 1.39 0.00	27.91 1.20 0.00	31.65 1.28 0.00	35.56 1.88 -0.19	38.60 2.13 -0.34	40.33 2.33 -0.45	44.92 3.02 -0.02	46.39 3.20 0.00	53.14 3.48 0.00	60.56 3.21 0.00	67.83 3.72 0.00	71.58 4.24 0.00	92.99 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.90 2.58 0.00	50.90 2.84 0.00	44.60 3.11 0.00	39.22 1.80 0.00
POMONA____ESR 323819	32.74 1.11 0.00	30.51 0.89 0.00	27.96 1.02 0.00	26.88 0.88 0.00	26.52 0.82 0.00	27.64 0.93 0.00	31.35 0.97 0.00	35.08 1.41 -0.17	38.07 1.63 -0.31	39.80 1.84 -0.41	44.59 2.68 -0.02	45.83 2.64 0.00	52.69 3.03 0.00	60.21 2.87 0.00	67.38 3.27 0.00	71.31 3.97 0.00	92.49 5.28 -0.64	99.83 5.20 0.00	93.53 5.21 0.00	78.89 4.11 0.00	64.02 2.70 0.00	50.66 2.59 0.00	44.18 2.70 0.00	38.92 1.50 0.00
PORT_JEFF_3 23555	35.94 2.59 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.55 1.56 0.00	27.14 1.44 0.00	28.42 1.71 0.00	32.74 2.37 0.00	36.53 2.85 -0.19	39.33 2.85 -0.34	40.42 2.41 -0.45	50.63 3.02 -5.73	55.17 3.15 -8.82	68.03 3.13 -15.24	136.42 3.27 -75.81	188.29 3.78 -120.40	299.68 5.45 -226.89	317.82 6.32 -224.93	301.94 6.44 -200.87	300.12 6.44 -205.35	237.14 4.93 -157.42	143.56 3.74 -78.50	156.00 3.08 -104.86	52.29 3.44 -7.36	47.84 3.07 -7.35
PORT_JEFF_4 23616	35.94 2.59 -1.72	31.52 1.90 -0.01	28.85 1.91 0.00	27.55 1.56 0.00	27.14 1.44 0.00	28.42 1.71 0.00	32.74 2.37 0.00	36.53 2.85 -0.19	39.33 2.85 -0.34	40.42 2.41 -0.45	50.63 3.02 -5.73	55.17 3.15 -8.82	68.03 3.13 -15.24	136.42 3.27 -75.81	188.29 3.78 -120.40	299.68 5.45 -226.89	317.82 6.32 -224.93	301.94 6.44 -200.87	300.12 6.44 -205.35	237.14 4.93 -157.42	143.56 3.74 -78.50	156.00 3.08 -104.86	52.29 3.44 -7.36	47.84 3.07 -7.35
PORT_JEFF_IC 23713	36.03 2.69 -1.72	31.64 2.02 -0.01	28.93 1.99 0.00	27.63 1.64 0.00	27.21 1.52 0.00	28.50 1.79 0.00	32.83 2.46 0.00	36.67 2.98 -0.19	39.47 3.00 -0.34	40.60 2.59 -0.45	51.78 3.27 -6.62	56.67 3.28 -10.19	70.50 3.23 -17.61	148.39 3.44 -87.60	202.31 4.04 -134.16	330.34 5.79 -257.21	353.22 6.84 -259.81	333.65 6.90 -232.12	332.51 6.89 -237.29	256.95 5.23 -176.94	150.99 3.93 -85.74	172.45 3.22 -121.17	53.48 3.49 -8.51	48.56 3.22 -7.92
PPL PILGRIM_ST_GT1 24216	36.00 2.66 -1.72	31.61 1.98 -0.01	28.90 1.97 0.00	27.63 1.64 0.00	27.21 1.52 0.00	28.50 1.79 0.00	32.80 2.43 0.00	36.64 2.95 -0.19	39.44 2.96 -0.34	40.67 2.63 -0.48	46.34 3.27 -1.19	48.49 3.50 -1.80	56.04 3.28 -3.11	76.42 3.61 -15.46	93.02 4.36 -24.55	119.68 6.06 -46.28	140.27 7.27 -46.43	142.98 7.39 -40.96	137.44 7.24 -41.88	112.34 5.46 -32.10	81.38 4.05 -16.01	72.62 3.17 -21.38	46.72 3.74 -1.50	49.84 3.29 -9.13
PPL PILGRIM_ST_GT2 24217	36.00 2.66 -1.72	31.61 1.98 -0.01	28.90 1.97 0.00	27.63 1.64 0.00	27.21 1.52 0.00	28.50 1.79 0.00	32.80 2.43 0.00	36.64 2.95 -0.19	39.44 2.96 -0.34	40.67 2.63 -0.48	46.34 3.27 -1.19	48.49 3.50 -1.80	56.04 3.28 -3.11	76.42 3.61 -15.46	93.02 4.36 -24.55	119.68 6.06 -46.28	140.27 7.27 -46.43	142.98 7.39 -40.96	137.44 7.24 -41.88	112.34 5.46 -32.10	81.38 4.05 -16.01	72.62 3.17 -21.38	46.72 3.74 -1.50	49.84 3.29 -9.13
PPL_SHRM_GT3 24213	36.35 3.01 -1.72	31.88 2.25 -0.01	29.17 2.23 0.00	27.84 1.85 0.00	27.42 1.72 0.00	28.73 2.03 0.00	33.14 2.76 0.00	36.97 3.28 -0.19	39.79 3.32 -0.34	40.11 2.10 -0.46	51.59 3.85 -5.85	56.31 4.11 -9.00	69.54 4.32 -15.56	139.62 4.87 -77.40	210.26 5.83 -140.32	323.32 6.94 -249.05	323.48 7.27 -229.63	307.19 7.47 -205.09	305.58 7.60 -209.66	260.23 7.33 -178.12	164.50 5.64 -97.54	159.50 4.37 -107.06	53.40 4.40 -7.51	48.55 3.67 -7.46
PPL_SHRM_GT4 24214	36.35 3.01 -1.72	31.88 2.25 -0.01	29.17 2.23 0.00	27.84 1.85 0.00	27.42 1.72 0.00	28.73 2.03 0.00	33.14 2.76 0.00	36.97 3.28 -0.19	39.79 3.32 -0.34	40.11 2.10 -0.46	51.59 3.85 -5.85	56.31 4.11 -9.00	69.54 4.32 -15.56	139.62 4.87 -77.40	210.26 5.83 -140.32	323.32 6.94 -249.05	323.48 7.27 -229.63	307.19 7.47 -205.09	305.58 7.60 -209.66	260.23 7.33 -178.12	164.50 5.64 -97.54	159.50 4.37 -107.06	53.40 4.40 -7.51	48.55 3.67 -7.46
PROJECT____ORANGE 1 24174	31.82 0.19 0.00	29.77 0.15 0.00	26.94 0.00 0.00	25.92 -0.08 0.00	25.65 -0.05 0.00	26.81 0.11 0.00	30.62 0.24 0.00	33.67 0.17 0.00	36.28 0.14 0.00	37.86 0.30 0.00	42.47 0.59 0.00	43.97 0.78 0.00	50.65 0.99 0.00	58.49 1.15 0.00	65.52 1.41 0.00	68.88 1.55 0.00	88.04 1.47 0.00	96.24 1.61 0.00	90.00 1.68 0.00	76.05 1.27 0.00	62.86 1.53 0.00	48.93 0.87 0.00	41.99 0.50 0.00	37.80 0.37 0.00
PROJECT____ORANGE 2 24166	31.82 0.19 0.00	29.77 0.15 0.00	26.94 0.00 0.00	25.92 -0.08 0.00	25.65 -0.05 0.00	26.81 0.11 0.00	30.62 0.24 0.00	33.67 0.17 0.00	36.28 0.14 0.00	37.86 0.30 0.00	42.47 0.59 0.00	43.97 0.78 0.00	50.65 0.99 0.00	58.49 1.15 0.00	65.52 1.41 0.00	68.88 1.55 0.00	88.04 1.47 0.00	96.24 1.61 0.00	90.00 1.68 0.00	76.05 1.27 0.00	62.86 1.53 0.00	48.93 0.87 0.00	41.99 0.50 0.00	37.80 0.37 0.00
PUCKETT____SOLAR 323809	32.93 1.30 0.00	30.77 1.15 0.00	27.77 0.84 0.00	26.85 0.86 0.00	26.60 0.90 0.00	27.72 1.01 0.00	31.65 1.28 0.00	34.91 1.41 0.00	37.50 1.37 0.00	39.02 1.46 0.00	43.85 1.97 0.00	45.44 2.24 0.00	52.44 2.78 0.00	60.56 3.21 0.00	68.02 3.91 0.00	71.44 4.11 0.00	91.42 4.85 0.00	100.31 5.68 0.00	94.15 5.83 0.00	79.64 4.86 0.00	65.86 4.54 0.00	51.09 3.03 0.00	43.85 2.36 0.00	39.26 1.83 0.00

PYRITES___HYD 24023	31.44 -0.19 0.00	29.44 -0.18 0.00	26.51 -0.43 0.00	25.53 -0.47 0.00	25.13 -0.57 0.00	26.20 -0.51 0.00	29.83 -0.55 0.00	32.86 -0.64 0.00	35.37 -0.76 0.00	36.58 -0.98 0.00	40.38 -1.51 0.00	40.56 -2.64 0.00	46.63 -3.03 0.00	55.57 0.00 0.00	61.80 -2.31 0.00	64.44 -2.90 0.00	83.28 -3.29 0.00	91.32 -3.31 0.00	85.05 -3.27 0.00	72.39 -2.39 0.00	58.50 -2.82 0.00	45.47 -2.60 0.00	39.58 -1.91 0.00	36.53 -0.90 0.00
QUAKERRD_115KV_BK1 80622	31.25 -0.38 0.00	29.26 -0.36 0.00	26.18 -0.75 0.00	25.03 -0.96 0.00	24.77 -0.93 0.00	26.17 -0.53 0.00	30.25 -0.12 0.00	33.03 -0.47 0.00	35.52 -0.61 0.00	37.10 -0.45 0.00	41.72 -0.17 0.00	43.50 0.30 0.00	50.16 0.50 0.00	58.21 0.86 0.00	65.07 0.96 0.00	68.68 1.35 0.00	87.18 0.61 0.00	95.39 0.76 0.00	89.12 0.79 0.00	75.46 0.67 0.00	62.43 1.10 0.00	48.11 0.05 0.00	41.07 -0.41 0.00	37.09 -0.34 0.00
QUENSBRY_115KV_TB8 356137	33.62 1.99 0.00	31.43 1.81 0.00	28.64 1.70 0.00	27.68 1.69 0.00	27.37 1.67 0.00	28.47 1.76 0.00	32.35 1.97 0.00	35.52 2.24 0.22	38.25 2.53 0.41	39.91 2.89 0.54	45.46 3.60 0.03	47.26 4.06 0.00	54.53 4.87 0.00	62.74 5.39 0.00	69.82 5.71 0.00	72.99 5.66 0.00	93.10 7.36 0.83	103.33 8.71 0.00	97.06 8.74 0.00	82.04 7.25 0.00	67.82 6.50 0.00	53.06 5.00 0.00	45.60 4.11 0.00	40.64 3.22 0.00
RAMAPO___LBMP 323565	32.74 1.11 0.00	30.57 0.95 0.00	27.99 1.05 0.00	27.14 1.14 0.00	26.80 1.11 0.00	27.67 0.96 0.00	31.29 0.91 0.00	35.04 1.37 -0.17	37.99 1.55 -0.31	39.73 1.77 -0.41	44.29 2.39 -0.02	45.79 2.59 0.00	52.54 2.88 0.00	60.10 2.75 0.00	67.44 3.33 0.00	71.04 3.70 0.00	92.14 4.93 -0.63	99.55 4.92 0.00	93.27 4.95 0.00	78.60 3.81 0.00	63.84 2.51 0.00	50.51 2.45 0.00	43.98 2.49 0.00	38.85 1.42 0.00
RANKINE____ 23646	32.20 0.57 0.00	30.18 0.56 0.00	26.70 -0.24 0.00	25.32 -0.68 0.00	25.06 -0.64 0.00	26.89 0.19 0.00	31.44 1.06 0.00	33.77 0.27 0.00	36.35 0.22 0.00	38.08 0.53 0.00	43.06 1.17 0.00	45.23 2.03 0.00	52.09 2.43 0.00	60.61 3.27 0.00	67.44 3.33 0.00	71.58 4.24 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.41 3.09 0.00	77.18 2.39 0.00	64.45 3.13 0.00	49.17 1.11 0.00	41.74 0.25 0.00	38.06 0.64 0.00
RAVENSWOOD_GT2_1 24244	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.14 3.48 0.00	60.56 3.21 0.00	67.83 3.72 0.00	71.51 4.17 0.00	92.99 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.96 2.64 0.00	50.95 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT2_2 24245	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.14 3.48 0.00	60.56 3.21 0.00	67.83 3.72 0.00	71.51 4.17 0.00	92.99 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.96 2.64 0.00	50.95 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT2_3 24246	33.27 1.64 0.00	30.98 1.36 0.00	28.31 1.37 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.99 1.28 0.00	31.74 1.37 0.00	35.66 1.98 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.19 3.53 0.00	60.61 3.27 0.00	67.83 3.72 0.00	71.58 4.24 0.00	92.99 5.71 -0.70	100.31 5.68 0.00	94.15 5.83 0.00	79.34 4.56 0.00	64.02 2.70 0.00	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT2_4 24247	33.27 1.64 0.00	30.98 1.36 0.00	28.31 1.37 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.99 1.28 0.00	31.74 1.37 0.00	35.66 1.98 -0.19	38.68 2.20 -0.34	40.45 2.44 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.19 3.53 0.00	60.61 3.27 0.00	67.83 3.72 0.00	71.58 4.24 0.00	92.99 5.71 -0.70	100.31 5.68 0.00	94.15 5.83 0.00	79.34 4.56 0.00	64.02 2.70 0.00	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT3_1 24248	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.14 3.48 0.00	60.56 3.21 0.00	67.83 3.72 0.00	71.58 4.24 0.00	92.99 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.96 2.64 0.00	50.95 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT3_2 24249	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.14 3.48 0.00	60.56 3.21 0.00	67.83 3.72 0.00	71.58 4.24 0.00	92.99 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	63.96 2.64 0.00	50.95 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT3_3 24250	33.31 1.68 0.00	31.01 1.39 0.00	28.34 1.40 0.00	27.50 1.51 0.00	27.16 1.46 0.00	28.01 1.31 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.48 2.48 -0.45	45.09 3.18 -0.02	46.52 3.33 0.00	53.28 3.63 0.00	60.67 3.33 0.00	67.96 3.85 0.00	71.71 4.38 0.00	93.16 5.89 -0.70	100.40 5.77 0.00	94.24 5.92 0.00	79.42 4.64 0.00	64.08 2.76 0.00	51.04 2.98 0.00	44.72 3.24 0.00	39.33 1.91 0.00
RAVENSWOOD_GT3_4 24251	33.31 1.68 0.00	31.01 1.39 0.00	28.34 1.40 0.00	27.50 1.51 0.00	27.16 1.46 0.00	28.01 1.31 0.00	31.77 1.40 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.48 2.48 -0.45	45.09 3.18 -0.02	46.52 3.33 0.00	53.28 3.63 0.00	60.67 3.33 0.00	67.96 3.85 0.00	71.71 4.38 0.00	93.16 5.89 -0.70	100.40 5.77 0.00	94.24 5.92 0.00	79.42 4.64 0.00	64.08 2.76 0.00	51.04 2.98 0.00	44.72 3.24 0.00	39.33 1.91 0.00
RAVENSWOOD_GT_1 23729	33.31 1.68 0.00	30.95 1.33 0.00	28.31 1.37 0.00	27.17 1.17 0.00	26.81 1.10 -0.01	27.96 1.26 0.00	31.83 1.46 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.56 2.56 -0.45	45.34 3.44 -0.02	46.26 3.07 0.00	52.93 3.28 0.01	58.21 2.92 2.06	56.44 3.27 10.94	59.76 3.97 11.55	84.36 5.37 7.58	86.85 5.30 13.08	80.54 5.48 13.26	62.85 4.26 16.19	54.99 2.46 8.79	50.75 2.69 0.01	44.77 3.28 0.00	39.33 1.91 0.00
RAVENSWOOD_GT_10 24258	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.18 3.53 0.00	60.32 3.21 0.24	66.57 3.72 1.26	70.24 4.24 1.33	92.99 5.71 -0.70	99.01 5.58 1.20	93.52 5.74 0.54	77.92 4.49 1.35	62.95 2.64 1.01	50.94 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00

RAVENSWOOD_GT_11 24259	33.15 1.52 0.00	30.80 1.19 0.00	28.18 1.24 0.00	27.06 1.07 0.00	26.70 1.00 0.00	27.85 1.15 0.00	31.68 1.31 0.00	35.56 1.87 -0.19	38.64 2.17 -0.34	40.41 2.41 -0.45	45.21 3.31 -0.02	46.35 3.15 0.00	53.08 3.42 0.00	60.26 3.15 0.24	66.37 3.52 1.26	70.25 4.24 1.33	92.98 5.71 -0.70	99.01 5.58 1.20	93.52 5.74 0.54	77.99 4.56 1.35	63.00 2.70 1.01	50.90 2.83 0.00	44.68 3.19 0.00	39.26 1.83 0.00
RAVENSWOOD_GT_4 24252	33.21 1.58 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.01	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.23 3.58 0.01	59.11 3.33 1.57	59.56 3.78 8.33	62.85 4.31 8.79	86.76 5.80 5.61	90.35 5.68 9.96	84.05 5.83 10.10	67.01 4.56 12.33	57.39 2.76 6.69	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT_5 24254	33.21 1.58 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.01	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.23 3.58 0.01	59.11 3.33 1.57	59.56 3.78 8.33	62.85 4.31 8.79	86.76 5.80 5.61	90.35 5.68 9.96	84.05 5.83 10.10	67.01 4.56 12.33	57.39 2.76 6.69	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT_6 24253	33.21 1.58 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.01	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.23 3.58 0.01	59.11 3.33 1.57	59.56 3.78 8.33	62.85 4.31 8.79	86.76 5.80 5.61	90.35 5.68 9.96	84.05 5.83 10.10	67.01 4.56 12.33	57.39 2.76 6.69	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT_7 24255	33.21 1.58 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.01	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.48 3.28 0.00	53.23 3.58 0.01	59.11 3.33 1.57	59.56 3.78 8.33	62.85 4.31 8.79	86.76 5.80 5.61	90.35 5.68 9.96	84.05 5.83 10.10	67.01 4.56 12.33	57.39 2.76 6.69	50.99 2.93 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.18 3.53 0.00	60.32 3.21 0.24	66.57 3.72 1.26	70.24 4.24 1.33	92.99 5.71 -0.70	99.01 5.58 1.20	93.52 5.74 0.54	77.92 4.49 1.35	62.95 2.64 1.01	50.94 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD_GT_9 24257	33.24 1.61 0.00	30.98 1.36 0.00	28.28 1.35 0.00	27.48 1.48 0.00	27.14 1.44 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.63 1.94 -0.19	38.68 2.20 -0.34	40.41 2.40 -0.45	45.01 3.10 -0.02	46.44 3.24 0.00	53.18 3.53 0.00	60.32 3.21 0.24	66.57 3.72 1.26	70.24 4.24 1.33	92.99 5.71 -0.70	99.01 5.58 1.20	93.52 5.74 0.54	77.92 4.49 1.35	62.95 2.64 1.01	50.94 2.88 0.00	44.64 3.15 0.00	39.29 1.87 0.00
RAVENSWOOD___1 23533	33.30 1.68 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.16 1.17 0.00	26.81 1.10 -0.01	27.94 1.23 0.00	31.80 1.43 0.00	35.70 2.01 -0.19	38.71 2.24 -0.34	40.52 2.52 -0.45	45.30 3.39 -0.02	46.22 3.02 0.00	52.88 3.23 0.01	57.89 2.92 2.38	54.67 3.20 12.65	57.89 3.90 13.35	73.37 5.37 18.57	81.56 5.20 18.27	68.33 5.39 25.38	55.01 4.19 23.96	53.61 2.46 10.17	50.70 2.64 0.01	44.73 3.24 0.00	39.29 1.87 0.00
RAVENSWOOD___2 23534	33.27 1.64 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.14 1.14 0.00	26.79 1.08 -0.01	27.88 1.17 0.00	31.74 1.37 0.00	35.60 1.91 -0.19	38.64 2.17 -0.34	40.45 2.44 -0.45	45.21 3.31 -0.02	45.92 2.72 0.00	52.43 2.78 0.01	57.37 2.41 2.39	54.05 2.63 12.69	57.24 3.30 13.40	72.29 4.59 18.87	80.57 4.36 18.41	67.20 4.59 25.71	54.13 3.52 24.17	53.02 1.90 10.21	50.31 2.26 0.01	44.60 3.11 0.00	39.22 1.80 0.00
RAVENSWOOD___3 23535	33.15 1.52 0.00	30.83 1.21 0.00	28.20 1.27 0.00	27.06 1.07 0.00	26.70 1.00 0.00	27.85 1.15 0.00	31.71 1.33 0.00	35.60 1.91 -0.19	38.64 2.17 -0.34	40.41 2.41 -0.45	45.26 3.35 -0.02	46.31 3.11 0.00	53.08 3.42 0.00	60.50 3.15 0.00	67.63 3.52 0.00	71.58 4.24 0.00	92.98 5.71 -0.70	100.21 5.58 0.00	94.06 5.74 0.00	79.27 4.49 0.00	64.02 2.70 0.00	50.90 2.83 0.00	44.68 3.19 0.00	39.26 1.83 0.00
RAVENSWOOD___4 23820	33.27 1.64 0.00	30.92 1.30 0.00	28.28 1.35 0.00	27.14 1.14 0.00	26.78 1.08 -0.01	27.94 1.23 0.00	31.80 1.43 0.00	35.66 1.98 -0.19	38.68 2.20 -0.34	40.48 2.48 -0.45	45.26 3.35 -0.02	46.18 2.98 0.00	52.83 3.18 0.01	57.51 2.87 2.70	52.93 3.20 14.38	56.06 3.90 15.18	62.14 5.28 29.71	76.19 5.11 23.54	55.95 5.30 37.67	47.13 4.19 31.83	52.15 2.39 11.57	50.70 2.64 0.01	44.68 3.19 0.00	39.26 1.83 0.00
RCPI_TRUST___DRP 24196	33.24 1.61 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.66 1.98 -0.19	38.71 2.24 -0.34	40.45 2.44 -0.45	45.09 3.18 -0.02	46.57 3.37 0.00	53.43 3.77 0.00	60.90 3.56 0.00	68.21 4.10 0.00	71.98 4.65 0.00	93.51 6.23 -0.70	100.78 6.15 0.00	94.59 6.27 0.00	79.64 4.86 0.00	64.21 2.88 0.00	51.09 3.03 0.00	44.72 3.24 0.00	39.33 1.91 0.00
RED___ROCHESTER 323720	32.39 0.76 0.00	30.33 0.71 0.00	26.99 0.05 0.00	26.33 0.34 0.00	26.08 0.39 0.00	27.03 0.32 0.00	31.04 0.67 0.00	34.14 0.63 0.00	36.67 0.54 0.00	38.35 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	52.04 2.38 0.00	60.44 3.09 0.00	67.89 3.78 0.00	71.37 4.04 0.00	90.12 3.55 0.00	98.70 4.07 0.00	92.20 3.88 0.00	78.22 3.44 0.00	64.82 3.49 0.00	49.93 1.87 0.00	42.78 1.29 0.00	38.47 1.05 0.00
REGAN___SOLAR 323812	35.42 3.79 0.00	32.94 3.32 0.00	29.77 2.83 0.00	28.78 2.78 0.00	28.53 2.83 0.00	29.75 3.04 0.00	33.78 3.40 0.00	37.23 3.88 0.15	40.04 4.19 0.28	41.43 4.24 0.37	46.85 4.98 0.02	48.33 5.14 0.00	55.57 5.91 0.00	64.05 6.71 0.00	72.38 8.27 0.00	76.15 8.82 0.00	97.86 11.86 0.57	108.73 14.10 0.00	102.19 13.87 0.00	86.37 11.59 0.00	71.69 10.37 0.00	55.42 7.35 0.00	47.55 6.06 0.00	42.18 4.75 0.00
RENSSELAER___COGEN 23796	31.88 0.25 0.00	29.80 0.18 0.00	27.31 0.38 0.00	26.28 0.29 0.00	25.96 0.26 0.00	26.95 0.24 0.00	30.53 0.15 0.00	33.63 0.33 0.20	36.23 0.47 0.37	37.63 0.56 0.49	42.82 0.96 0.03	43.98 0.78 0.00	50.35 0.69 0.00	57.69 0.35 0.00	64.75 0.64 0.00	68.14 0.81 0.00	86.76 0.95 0.76	95.67 1.04 0.00	89.73 1.41 0.00	75.91 1.12 0.00	62.30 0.98 0.00	49.17 1.11 0.00	42.65 1.16 0.00	38.02 0.60 0.00

REPUBLIC_115KV_BARTNBRK 55605	35.46 3.83 0.00	33.11 3.50 0.00	30.04 3.10 0.00	28.98 2.99 0.00	28.70 3.01 0.00	30.02 3.31 0.00	34.20 3.83 0.00	37.53 4.25 0.22	40.49 4.77 0.41	42.31 5.30 0.54	48.22 6.37 0.03	50.37 7.17 0.00	58.40 8.74 0.00	67.44 10.09 0.00	75.52 11.41 0.00	78.78 11.45 0.00	100.62 14.89 0.84	112.14 17.51 0.00	105.37 17.05 0.00	88.92 14.13 0.00	73.96 12.63 0.00	57.15 9.08 0.00	48.67 7.18 0.00	43.30 5.88 0.00
REVERE_CPPR_DRP 24186	32.86 1.23 0.00	30.71 1.10 0.00	27.77 0.84 0.00	26.75 0.75 0.00	26.47 0.77 0.00	27.64 0.93 0.00	31.59 1.21 0.00	34.87 1.37 0.00	37.61 1.48 0.00	39.09 1.54 0.00	43.85 1.97 0.00	45.31 2.12 0.00	52.29 2.63 0.00	60.61 3.27 0.00	67.76 3.65 0.00	70.90 3.57 0.00	91.07 4.50 0.00	99.64 5.02 0.00	93.53 5.21 0.00	78.90 4.11 0.00	65.19 3.86 0.00	50.61 2.55 0.00	43.40 1.91 0.00	39.11 1.68 0.00
REYNOLDS_115KV_TB3 80639	32.14 0.51 0.00	30.06 0.44 0.00	27.53 0.59 0.00	26.67 0.68 0.00	26.31 0.62 0.00	27.19 0.48 0.00	30.71 0.33 0.00	33.83 0.57 0.24	36.38 0.69 0.44	37.77 0.79 0.58	43.11 1.26 0.03	44.49 1.30 0.00	50.95 1.29 0.00	58.32 0.97 0.00	65.58 1.47 0.00	68.88 1.55 0.00	87.49 1.82 0.90	96.62 1.99 0.00	90.71 2.38 0.00	76.73 1.94 0.00	62.98 1.66 0.00	49.60 1.54 0.00	42.94 1.45 0.00	38.28 0.86 0.00
RIVERBAY____ 323610	33.85 2.21 -0.01	31.49 1.87 -0.01	28.75 1.80 -0.01	27.93 1.92 -0.01	27.58 1.88 -0.01	28.37 1.66 -0.01	32.20 1.82 -0.01	36.07 2.38 -0.19	38.93 2.46 -0.34	40.79 2.78 -0.45	45.38 3.48 -0.02	46.52 3.33 0.00	53.38 3.72 0.01	60.84 3.50 0.01	68.20 4.10 0.01	71.97 4.65 0.01	93.17 5.89 -0.71	101.62 7.00 0.01	94.78 6.45 -0.01	79.73 4.94 -0.01	64.26 2.94 0.01	51.24 3.17 -0.01	45.19 3.69 -0.01	39.79 2.36 -0.01
RIVERSDE_115KV_TB3 55908	32.07 0.44 0.00	30.00 0.39 0.00	27.48 0.54 0.00	26.59 0.60 0.00	26.26 0.57 0.00	27.13 0.43 0.00	30.68 0.30 0.00	33.78 0.50 0.22	36.34 0.61 0.41	37.77 0.75 0.54	43.03 1.17 0.03	44.41 1.21 0.00	50.85 1.19 0.00	58.26 0.92 0.00	65.52 1.41 0.00	68.75 1.41 0.00	87.47 1.73 0.83	96.52 1.89 0.00	90.53 2.21 0.00	76.58 1.79 0.00	62.92 1.59 0.00	49.55 1.49 0.00	42.90 1.41 0.00	38.25 0.82 0.00
ROARING__BROOK_WT_PWR 323790	31.38 -0.25 0.00	29.44 -0.18 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.52 -0.18 0.00	26.52 -0.19 0.00	30.16 -0.21 0.00	33.27 -0.23 0.00	35.88 -0.25 0.00	37.25 -0.30 0.00	41.38 -0.50 0.00	42.63 -0.56 0.00	49.01 -0.65 0.00	56.77 -0.57 0.00	63.41 -0.70 0.00	66.53 -0.81 0.00	85.62 -0.95 0.00	93.59 -1.04 0.00	87.27 -1.06 0.00	73.89 -0.89 0.00	60.46 -0.86 0.00	47.39 -0.67 0.00	40.82 -0.67 0.00	37.01 -0.41 0.00
ROCHESRG_115KV_T4 355643	31.95 0.32 0.00	29.91 0.30 0.00	26.70 -0.24 0.00	25.45 -0.55 0.00	25.18 -0.51 0.00	26.71 0.00 0.00	30.98 0.61 0.00	33.67 0.17 0.00	36.17 0.04 0.00	37.86 0.30 0.00	42.55 0.67 0.00	44.45 1.25 0.00	51.25 1.59 0.00	59.47 2.12 0.00	66.42 2.31 0.00	70.16 2.83 0.00	88.74 2.16 0.00	97.18 2.55 0.00	90.71 2.38 0.00	76.80 2.02 0.00	63.71 2.39 0.00	49.07 1.01 0.00	41.82 0.33 0.00	37.80 0.37 0.00
ROCHESTER_9_IC 23652	32.17 0.54 0.00	30.09 0.47 0.00	26.86 -0.08 0.00	25.60 -0.39 0.00	25.34 -0.36 0.00	26.87 0.16 0.00	31.19 0.82 0.00	33.90 0.40 0.00	36.42 0.29 0.00	38.12 0.56 0.00	42.89 1.01 0.00	44.80 1.60 0.00	51.65 1.99 0.00	59.98 2.64 0.00	66.99 2.88 0.00	70.84 3.50 0.00	89.60 3.03 0.00	98.04 3.41 0.00	91.59 3.27 0.00	77.55 2.77 0.00	64.33 3.00 0.00	49.50 1.44 0.00	42.15 0.66 0.00	38.10 0.67 0.00
ROCKVIEW_13_KV_LD 356306	33.27 1.64 0.00	31.01 1.39 0.00	28.34 1.40 0.00	27.50 1.51 0.00	27.16 1.46 0.00	28.04 1.34 0.00	31.80 1.43 0.00	35.70 2.01 -0.19	38.75 2.28 -0.34	40.52 2.52 -0.45	45.13 3.22 -0.02	46.65 3.46 0.00	53.48 3.82 0.00	61.13 3.78 0.00	68.47 4.36 0.00	72.25 4.92 0.00	93.85 6.58 -0.70	101.25 6.62 0.00	94.95 6.62 0.00	80.09 5.31 0.00	64.82 3.50 0.00	51.43 3.36 0.00	44.81 3.32 0.00	39.52 2.10 0.00
ROME____115KV_TB2 80656	32.86 1.23 0.00	30.71 1.10 0.00	27.77 0.84 0.00	26.75 0.75 0.00	26.47 0.77 0.00	27.64 0.93 0.00	31.59 1.21 0.00	34.87 1.37 0.00	37.61 1.48 0.00	39.09 1.54 0.00	43.85 1.97 0.00	45.31 2.12 0.00	52.29 2.63 0.00	60.61 3.27 0.00	67.76 3.65 0.00	70.90 3.57 0.00	91.07 4.50 0.00	99.64 5.02 0.00	93.53 5.21 0.00	78.90 4.11 0.00	65.19 3.86 0.00	50.61 2.55 0.00	43.40 1.91 0.00	39.11 1.68 0.00
ROSETON__1 23587	32.61 0.98 0.00	30.42 0.80 0.00	27.88 0.94 0.00	26.80 0.81 0.00	26.44 0.75 0.00	27.53 0.83 0.00	31.22 0.85 0.00	34.91 1.24 -0.17	37.89 1.45 -0.31	39.58 1.61 -0.41	44.29 2.39 -0.02	45.48 2.29 0.00	52.14 2.48 0.00	59.58 2.23 0.00	66.68 2.57 0.00	70.43 3.10 0.00	91.36 4.16 -0.63	98.70 4.07 0.00	92.56 4.24 0.00	78.15 3.37 0.00	63.59 2.27 0.00	50.32 2.26 0.00	43.89 2.41 0.00	38.77 1.35 0.00
ROSETON__2 23588	32.61 0.98 0.00	30.42 0.80 0.00	27.88 0.94 0.00	26.80 0.81 0.00	26.44 0.75 0.00	27.53 0.83 0.00	31.22 0.85 0.00	34.91 1.24 -0.17	37.89 1.45 -0.31	39.58 1.61 -0.41	44.29 2.39 -0.02	45.48 2.29 0.00	52.14 2.48 0.00	59.58 2.23 0.00	66.68 2.57 0.00	70.43 3.10 0.00	91.36 4.16 -0.63	98.70 4.07 0.00	92.56 4.24 0.00	78.15 3.37 0.00	63.59 2.27 0.00	50.32 2.26 0.00	43.89 2.41 0.00	38.77 1.35 0.00
ROTTRDAM_115KV_TB3 80664	32.55 0.92 0.00	30.48 0.86 0.00	27.85 0.92 0.00	26.96 0.96 0.00	26.62 0.93 0.00	27.56 0.85 0.00	31.22 0.85 0.00	34.39 1.07 0.18	36.99 1.19 0.33	38.47 1.35 0.43	43.66 1.80 0.02	45.18 1.99 0.00	51.89 2.23 0.00	59.52 2.18 0.00	66.80 2.69 0.00	70.09 2.76 0.00	89.45 3.55 0.67	98.60 3.97 0.00	92.38 4.06 0.00	78.15 3.37 0.00	64.21 2.88 0.00	50.42 2.36 0.00	43.56 2.07 0.00	38.85 1.42 0.00
RUSSELL__1 23602	32.33 0.70 0.00	30.24 0.62 0.00	26.96 0.03 0.00	25.71 -0.29 0.00	25.44 -0.26 0.00	27.00 0.29 0.00	31.35 0.97 0.00	34.10 0.60 0.00	36.64 0.51 0.00	38.34 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.44 3.10 0.00	67.44 3.33 0.00	71.31 3.97 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.21 3.89 0.00	78.22 3.44 0.00	64.82 3.50 0.00	49.84 1.78 0.00	42.44 0.95 0.00	38.32 0.90 0.00
RUSSELL__2 23532	32.33 0.70 0.00	30.24 0.62 0.00	26.96 0.03 0.00	25.71 -0.29 0.00	25.44 -0.26 0.00	27.00 0.29 0.00	31.35 0.97 0.00	34.10 0.60 0.00	36.64 0.51 0.00	38.34 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.44 3.10 0.00	67.44 3.33 0.00	71.31 3.97 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.21 3.89 0.00	78.22 3.44 0.00	64.82 3.50 0.00	49.84 1.78 0.00	42.44 0.95 0.00	38.32 0.90 0.00

RUSSELL___3 23549	32.33 0.70 0.00	30.24 0.62 0.00	26.96 0.03 0.00	25.71 -0.29 0.00	25.44 -0.26 0.00	27.00 0.29 0.00	31.35 0.97 0.00	34.10 0.60 0.00	36.64 0.51 0.00	38.34 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.44 3.10 0.00	67.44 3.33 0.00	71.31 3.97 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.21 3.89 0.00	78.22 3.44 0.00	64.82 3.50 0.00	49.84 1.78 0.00	42.44 0.95 0.00	38.32 0.90 0.00
RUSSELL___4 23556	32.33 0.70 0.00	30.24 0.62 0.00	26.96 0.03 0.00	25.71 -0.29 0.00	25.44 -0.26 0.00	27.00 0.29 0.00	31.35 0.97 0.00	34.10 0.60 0.00	36.64 0.51 0.00	38.34 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.44 3.10 0.00	67.44 3.33 0.00	71.31 3.97 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.21 3.89 0.00	78.22 3.44 0.00	64.82 3.50 0.00	49.84 1.78 0.00	42.44 0.95 0.00	38.32 0.90 0.00
RUSSELL___STATION 23914	32.33 0.70 0.00	30.24 0.62 0.00	26.96 0.03 0.00	25.71 -0.29 0.00	25.44 -0.26 0.00	27.00 0.29 0.00	31.35 0.97 0.00	34.10 0.60 0.00	36.64 0.51 0.00	38.34 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.44 3.10 0.00	67.44 3.33 0.00	71.31 3.97 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.21 3.89 0.00	78.22 3.44 0.00	64.82 3.50 0.00	49.84 1.78 0.00	42.44 0.95 0.00	38.32 0.90 0.00
S SALMON___HYD 24043	31.91 0.28 0.00	29.83 0.21 0.00	26.94 0.00 0.00	26.05 0.05 0.00	25.78 0.08 0.00	26.84 0.13 0.00	30.65 0.27 0.00	33.77 0.27 0.00	36.35 0.22 0.00	37.82 0.26 0.00	42.39 0.50 0.00	43.85 0.65 0.00	50.55 0.89 0.00	58.49 1.15 0.00	65.46 1.35 0.00	68.08 0.74 0.00	87.18 0.61 0.00	95.58 0.95 0.00	89.56 1.24 0.00	75.68 0.90 0.00	62.49 1.16 0.00	48.64 0.58 0.00	41.86 0.37 0.00	37.61 0.19 0.00
S.PERRY___115KV_TB1 80734	33.40 1.77 0.00	31.22 1.60 0.00	27.80 0.86 0.00	26.49 0.49 0.00	26.24 0.54 0.00	27.96 1.26 0.00	32.56 2.19 0.00	34.61 1.11 0.00	37.11 0.98 0.00	38.83 1.28 0.00	43.77 1.88 0.00	45.75 2.55 0.00	52.84 3.18 0.00	59.81 2.47 0.00	66.99 2.88 0.00	71.10 3.77 0.00	89.60 3.03 0.00	98.41 3.79 0.00	92.12 3.80 0.00	78.00 3.22 0.00	65.13 3.80 0.00	51.14 3.08 0.00	43.23 1.74 0.00	38.99 1.57 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.88 0.25 0.00	29.89 0.27 0.00	26.43 -0.51 0.00	25.03 -0.96 0.00	24.77 -0.93 0.00	26.60 -0.11 0.00	31.07 0.70 0.00	33.33 -0.17 0.00	35.84 -0.29 0.00	37.59 0.04 0.00	42.43 0.54 0.00	44.54 1.34 0.00	51.30 1.64 0.00	59.70 2.35 0.00	66.42 2.31 0.00	70.43 3.10 0.00	88.13 1.56 0.00	96.52 1.89 0.00	90.00 1.68 0.00	75.98 1.20 0.00	63.47 2.15 0.00	48.54 0.48 0.00	41.24 -0.25 0.00	37.61 0.19 0.00
SAWYER___23_KV_LOAD 55526	31.88 0.25 0.00	29.89 0.27 0.00	26.43 -0.51 0.00	25.03 -0.96 0.00	24.77 -0.93 0.00	26.60 -0.11 0.00	31.07 0.70 0.00	33.33 -0.17 0.00	35.84 -0.29 0.00	37.59 0.04 0.00	42.43 0.54 0.00	44.54 1.34 0.00	51.30 1.64 0.00	59.70 2.35 0.00	66.42 2.31 0.00	70.43 3.10 0.00	88.13 1.56 0.00	96.52 1.89 0.00	90.00 1.68 0.00	75.98 1.20 0.00	63.47 2.15 0.00	48.54 0.48 0.00	41.24 -0.25 0.00	37.61 0.19 0.00
SELKIRK___I 23801	32.36 0.73 0.00	30.27 0.65 0.00	27.75 0.81 0.00	26.70 0.70 0.00	26.37 0.67 0.00	27.37 0.67 0.00	30.98 0.61 0.00	34.17 0.80 0.14	36.82 0.94 0.25	38.28 1.05 0.33	43.46 1.59 0.02	44.58 1.38 0.00	50.16 0.50 0.00	57.52 0.17 0.00	64.62 0.51 0.00	67.87 0.54 0.00	86.67 0.61 0.51	95.38 0.75 0.00	89.38 1.06 0.00	75.75 0.97 0.00	62.24 0.92 0.00	49.21 1.15 0.00	43.36 1.87 0.00	38.70 1.27 0.00
SELKIRK___II 23799	32.04 0.41 0.00	29.98 0.36 0.00	27.48 0.54 0.00	26.46 0.47 0.00	26.11 0.41 0.00	27.11 0.40 0.00	30.71 0.33 0.00	33.88 0.53 0.16	36.50 0.65 0.29	37.93 0.75 0.38	43.08 1.22 0.02	43.98 0.78 0.00	50.35 0.69 0.00	57.63 0.29 0.00	64.69 0.58 0.00	68.01 0.67 0.00	86.76 0.78 0.59	95.38 0.75 0.00	89.38 1.06 0.00	75.75 0.97 0.00	62.18 0.86 0.00	49.36 1.30 0.00	42.86 1.37 0.00	38.21 0.79 0.00
SENECA OSWGO___HYD 24041	31.72 0.10 0.00	29.68 0.06 0.00	26.86 -0.08 0.00	25.94 -0.05 0.00	25.70 0.00 0.00	26.71 0.00 0.00	30.47 0.09 0.00	33.53 0.03 0.00	36.13 0.00 0.00	37.67 0.11 0.00	42.26 0.38 0.00	43.76 0.56 0.00	50.35 0.69 0.00	58.15 0.80 0.00	65.20 1.09 0.00	68.48 1.14 0.00	87.53 0.95 0.00	95.77 1.14 0.00	89.47 1.15 0.00	75.75 0.97 0.00	62.55 1.23 0.00	48.73 0.67 0.00	41.95 0.46 0.00	37.65 0.23 0.00
SENECA___115KV_TB3 355854	32.26 0.63 0.00	30.24 0.62 0.00	26.75 -0.19 0.00	25.37 -0.62 0.00	25.11 -0.59 0.00	26.95 0.24 0.00	31.50 1.12 0.00	33.84 0.34 0.00	36.42 0.29 0.00	38.19 0.64 0.00	43.18 1.30 0.00	45.31 2.12 0.00	52.24 2.58 0.00	60.79 3.44 0.00	67.64 3.53 0.00	71.78 4.44 0.00	89.86 3.29 0.00	98.41 3.79 0.00	91.68 3.36 0.00	77.32 2.54 0.00	64.57 3.25 0.00	49.31 1.25 0.00	41.82 0.33 0.00	38.13 0.71 0.00
SENECA___ENERGY 23797	32.10 0.48 0.00	30.03 0.41 0.00	27.02 0.08 0.00	26.18 0.18 0.00	25.96 0.26 0.00	27.03 0.32 0.00	30.92 0.55 0.00	34.07 0.57 0.00	36.64 0.51 0.00	38.23 0.68 0.00	42.97 1.09 0.00	44.71 1.51 0.00	51.50 1.84 0.00	59.52 2.18 0.00	66.80 2.69 0.00	70.16 2.83 0.00	89.34 2.77 0.00	97.85 3.22 0.00	91.59 3.27 0.00	77.47 2.69 0.00	64.09 2.76 0.00	49.60 1.54 0.00	42.53 1.04 0.00	38.25 0.82 0.00
SHOEMAKER___GT 23640	32.61 0.98 0.00	30.45 0.83 0.00	27.85 0.92 0.00	26.80 0.81 0.00	26.47 0.77 0.00	27.51 0.80 0.00	31.19 0.82 0.00	34.82 1.17 -0.15	37.70 1.30 -0.27	39.37 1.46 -0.35	44.08 2.18 -0.02	45.36 2.16 0.00	52.04 2.38 0.00	59.64 2.30 0.00	66.74 2.63 0.00	70.43 3.10 0.00	91.28 4.16 -0.55	98.79 4.16 0.00	92.47 4.15 0.00	78.07 3.29 0.00	63.71 2.39 0.00	50.27 2.21 0.00	43.73 2.24 0.00	38.73 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	32.64 1.01 0.00	30.51 0.89 0.00	27.91 0.97 0.00	27.03 1.04 0.00	26.70 1.00 0.00	27.53 0.83 0.00	31.16 0.79 0.00	34.82 1.17 -0.14	37.66 1.26 -0.26	39.33 1.43 -0.35	43.87 1.97 -0.02	45.36 2.16 0.00	52.09 2.43 0.00	59.64 2.29 0.00	66.87 2.76 0.00	70.36 3.03 0.00	91.18 4.07 -0.54	98.70 4.07 0.00	92.47 4.15 0.00	78.07 3.29 0.00	63.65 2.33 0.00	50.27 2.21 0.00	43.65 2.16 0.00	38.70 1.27 0.00
SHOREHAM_IC_1 23715	36.35 3.01 -1.72	31.88 2.25 -0.01	29.17 2.23 0.00	27.84 1.85 0.00	27.42 1.72 0.00	28.73 2.03 0.00	33.14 2.76 0.00	36.97 3.28 -0.19	39.79 3.32 -0.34	40.11 2.10 -0.46	51.59 3.85 -5.85	56.31 4.11 -9.00	69.54 4.32 -15.56	139.62 4.87 -77.40	210.26 5.83 -140.32	323.32 6.94 -249.05	323.48 7.27 -229.63	307.19 7.47 -205.09	305.58 7.60 -209.66	260.23 7.33 -178.12	164.50 5.64 -97.54	159.50 4.37 -107.06	53.40 4.40 -7.51	48.55 3.67 -7.46

SHOREHAM_IC_2 23716	36.35 3.01 -1.72	31.88 2.25 -0.01	29.17 2.23 0.00	27.84 1.85 0.00	27.42 1.72 0.00	28.73 2.03 0.00	33.14 2.76 0.00	36.97 3.28 -0.19	39.79 3.32 -0.34	40.11 2.10 -0.46	51.59 3.85 -5.85	56.31 4.11 -9.00	69.54 4.32 -15.56	139.62 4.87 -77.40	210.26 5.83 -140.32	323.32 6.94 -249.05	323.48 7.27 -229.63	307.19 7.47 -205.09	305.58 7.60 -209.66	260.23 7.33 -178.12	164.50 5.64 -97.54	159.50 4.37 -107.06	53.40 4.40 -7.51	48.55 3.67 -7.46
SISSONVILLE____ 23735	30.97 -0.66 0.00	29.00 -0.62 0.00	26.05 -0.89 0.00	25.11 -0.88 0.00	24.70 -1.00 0.00	25.69 -1.01 0.00	29.22 -1.15 0.00	32.19 -1.31 0.00	34.69 -1.45 0.00	35.83 -1.73 0.00	39.62 -2.26 0.00	39.70 -3.50 0.00	45.54 -4.12 0.00	54.25 -3.10 0.00	60.33 -3.78 0.00	63.02 -4.31 0.00	81.29 -5.28 0.00	89.24 -5.39 0.00	83.02 -5.30 0.00	70.67 -4.11 0.00	57.09 -4.23 0.00	44.36 -3.70 0.00	38.75 -2.74 0.00	35.74 -1.68 0.00
SITHE_IND_GS1 24169	31.25 -0.38 0.00	29.26 -0.35 0.00	26.51 -0.43 0.00	25.60 -0.39 0.00	25.34 -0.36 0.00	26.33 -0.37 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.55 -0.58 0.00	37.03 -0.53 0.00	41.46 -0.42 0.00	42.90 -0.30 0.00	49.36 -0.30 0.00	57.00 -0.34 0.00	63.85 -0.26 0.00	67.07 -0.27 0.00	85.79 -0.78 0.00	93.78 -0.85 0.00	87.71 -0.61 0.00	74.18 -0.60 0.00	61.14 -0.18 0.00	47.73 -0.33 0.00	41.11 -0.37 0.00	36.98 -0.45 0.00
SITHE_IND_GS2 24170	31.25 -0.38 0.00	29.26 -0.35 0.00	26.51 -0.43 0.00	25.60 -0.39 0.00	25.34 -0.36 0.00	26.33 -0.37 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.55 -0.58 0.00	37.03 -0.53 0.00	41.46 -0.42 0.00	42.90 -0.30 0.00	49.36 -0.30 0.00	57.00 -0.34 0.00	63.85 -0.26 0.00	67.07 -0.27 0.00	85.79 -0.78 0.00	93.78 -0.85 0.00	87.71 -0.61 0.00	74.18 -0.60 0.00	61.14 -0.18 0.00	47.73 -0.33 0.00	41.11 -0.37 0.00	36.98 -0.45 0.00
SITHE_IND_GS3 24171	31.25 -0.38 0.00	29.26 -0.35 0.00	26.51 -0.43 0.00	25.60 -0.39 0.00	25.34 -0.36 0.00	26.33 -0.37 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.55 -0.58 0.00	37.03 -0.53 0.00	41.46 -0.42 0.00	42.90 -0.30 0.00	49.36 -0.30 0.00	57.00 -0.34 0.00	63.85 -0.26 0.00	67.07 -0.27 0.00	85.79 -0.78 0.00	93.78 -0.85 0.00	87.71 -0.61 0.00	74.18 -0.60 0.00	61.14 -0.18 0.00	47.73 -0.33 0.00	41.11 -0.37 0.00	36.98 -0.45 0.00
SITHE_IND_GS4 24172	31.25 -0.38 0.00	29.26 -0.35 0.00	26.51 -0.43 0.00	25.60 -0.39 0.00	25.34 -0.36 0.00	26.33 -0.37 0.00	30.01 -0.36 0.00	33.03 -0.47 0.00	35.55 -0.58 0.00	37.03 -0.53 0.00	41.46 -0.42 0.00	42.90 -0.30 0.00	49.36 -0.30 0.00	57.00 -0.34 0.00	63.85 -0.26 0.00	67.07 -0.27 0.00	85.79 -0.78 0.00	93.78 -0.85 0.00	87.71 -0.61 0.00	74.18 -0.60 0.00	61.14 -0.18 0.00	47.73 -0.33 0.00	41.11 -0.37 0.00	36.98 -0.45 0.00
SITHE____BATAVIA 24024	32.61 0.98 0.00	30.48 0.86 0.00	26.96 0.03 0.00	26.46 0.47 0.00	26.24 0.54 0.00	27.13 0.43 0.00	31.19 0.82 0.00	34.17 0.67 0.00	36.71 0.58 0.00	38.38 0.83 0.00	43.35 1.47 0.00	45.44 2.24 0.00	52.34 2.68 0.00	60.96 3.61 0.00	68.66 4.55 0.00	72.18 4.85 0.00	90.64 4.07 0.00	99.45 4.82 0.00	92.82 4.50 0.00	78.67 3.89 0.00	65.50 4.17 0.00	50.08 2.02 0.00	42.82 1.33 0.00	38.62 1.20 0.00
SITHE____INDEPEND 23800	31.16 -0.47 0.00	29.17 -0.44 0.00	26.43 -0.51 0.00	25.42 -0.57 0.00	25.16 -0.54 0.00	26.25 -0.45 0.00	29.98 -0.39 0.00	33.00 -0.50 0.00	35.55 -0.58 0.00	37.03 -0.53 0.00	41.42 -0.46 0.00	42.89 -0.30 0.00	49.36 -0.30 0.00	57.00 -0.34 0.00	63.79 -0.32 0.00	67.06 -0.27 0.00	85.79 -0.78 0.00	93.87 -0.76 0.00	87.70 -0.62 0.00	74.18 -0.60 0.00	61.14 -0.18 0.00	47.68 -0.38 0.00	41.03 -0.46 0.00	36.94 -0.49 0.00
SITHE____MASSENA 23902	31.19 -0.44 0.00	29.35 -0.27 0.00	26.56 -0.38 0.00	25.60 -0.39 0.00	25.26 -0.44 0.00	26.31 -0.40 0.00	29.92 -0.45 0.00	32.90 -0.60 0.00	35.44 -0.69 0.00	36.69 -0.86 0.00	39.92 -1.97 0.00	40.86 -2.33 0.00	47.03 -2.63 0.00	55.63 -1.72 0.00	61.93 -2.18 0.00	64.71 -2.63 0.00	83.46 -3.11 0.00	91.41 -3.22 0.00	84.96 -3.36 0.00	72.32 -2.47 0.00	58.50 -2.82 0.00	45.66 -2.40 0.00	39.21 -2.28 0.00	36.56 -0.86 0.00
SITHE____OGDNSBRG 24021	31.53 -0.09 0.00	29.56 -0.06 0.00	26.67 -0.27 0.00	25.68 -0.31 0.00	25.34 -0.36 0.00	26.39 -0.32 0.00	30.01 -0.36 0.00	33.06 -0.44 0.00	35.59 -0.54 0.00	36.80 -0.75 0.00	40.63 -1.26 0.00	40.86 -2.33 0.00	47.03 -2.63 0.00	55.91 -1.43 0.00	62.19 -1.92 0.00	64.98 -2.36 0.00	83.89 -2.68 0.00	91.98 -2.65 0.00	85.58 -2.74 0.00	72.91 -1.87 0.00	58.93 -2.39 0.00	45.85 -2.21 0.00	39.87 -1.62 0.00	36.79 -0.64 0.00
SITHE____STERLING 23777	32.71 1.08 0.00	30.57 0.95 0.00	27.67 0.73 0.00	26.72 0.73 0.00	26.44 0.75 0.00	27.53 0.83 0.00	31.44 1.06 0.00	34.67 1.17 0.00	37.39 1.26 0.00	38.91 1.35 0.00	43.68 1.80 0.00	45.14 1.95 0.00	52.14 2.48 0.00	60.33 2.98 0.00	67.51 3.40 0.00	70.50 3.17 0.00	90.56 3.98 0.00	98.98 4.36 0.00	92.74 4.41 0.00	78.30 3.52 0.00	64.63 3.31 0.00	50.27 2.21 0.00	43.10 1.62 0.00	38.81 1.39 0.00
SLEIGHT__34_KV_TB1 80719	32.93 1.30 0.00	30.74 1.13 0.00	27.67 0.73 0.00	26.51 0.52 0.00	26.29 0.59 0.00	27.69 0.99 0.00	31.86 1.49 0.00	35.04 1.54 0.00	37.72 1.59 0.00	39.47 1.92 0.00	44.40 2.51 0.00	46.18 2.98 0.00	53.33 3.67 0.00	61.88 4.53 0.00	69.24 5.13 0.00	72.79 5.45 0.00	92.81 6.23 0.00	101.63 7.00 0.00	95.12 6.80 0.00	80.39 5.61 0.00	66.60 5.27 0.00	51.43 3.36 0.00	43.81 2.32 0.00	39.44 2.02 0.00
SOUTH CAIRO____GT 23612	33.50 1.87 0.00	31.28 1.66 0.00	28.58 1.64 0.00	27.50 1.51 0.00	27.16 1.46 0.00	28.07 1.36 0.00	31.80 1.43 0.00	35.41 2.01 0.10	37.98 2.02 0.18	39.46 2.14 0.23	44.68 2.81 0.01	45.57 2.37 0.00	52.69 3.03 0.00	60.04 2.70 0.00	67.38 3.27 0.00	70.97 3.63 0.00	91.92 5.71 0.36	100.69 6.06 0.00	94.24 5.92 0.00	79.87 5.09 0.00	65.86 4.54 0.00	51.91 3.85 0.00	44.85 3.36 0.00	39.93 2.51 0.00
SOUTH HAMPTN____IC 23720	36.92 3.57 -1.72	32.41 2.78 -0.01	29.66 2.72 0.00	28.31 2.31 0.00	27.88 2.18 0.00	29.19 2.48 0.00	33.66 3.28 0.00	37.57 3.88 -0.19	40.52 4.05 -0.34	41.62 3.61 -0.46	52.39 4.90 -5.61	57.04 5.22 -8.62	70.26 5.71 -14.89	137.92 6.48 -74.10	236.00 7.69 -164.20	345.06 9.43 -268.30	317.26 10.82 -219.87	302.22 11.26 -196.34	300.44 11.40 -200.72	284.45 9.27 -200.39	191.68 7.11 -123.25	156.03 5.48 -102.49	54.04 5.35 -7.19	49.20 4.49 -7.29
SOUTHDOW_115KV_TB1 355954	32.96 1.33 0.00	30.98 1.36 0.00	27.48 0.54 0.00	26.07 0.08 0.00	25.83 0.13 0.00	27.80 1.09 0.00	32.53 2.16 0.00	35.14 1.64 0.00	37.76 1.63 0.00	39.66 2.10 0.00	45.11 3.22 0.00	47.39 4.19 0.00	54.73 5.07 0.00	63.77 6.42 0.00	70.84 6.73 0.00	75.21 7.88 0.00	94.28 7.70 0.00	103.43 8.80 0.00	96.18 7.86 0.00	81.06 6.28 0.00	67.52 6.19 0.00	51.33 3.27 0.00	43.27 1.78 0.00	39.33 1.91 0.00

SOUTHOLD_69_KV_BK 2 55809	37.62 4.27 -1.72	33.53 3.91 0.00	30.31 3.37 0.00	29.11 3.12 0.00	28.81 3.11 0.00	29.86 3.15 0.00	34.29 3.92 0.00	38.38 4.69 -0.19	41.49 5.02 -0.34	42.52 4.51 -0.46	53.19 5.70 -5.61	58.39 6.57 -8.62	71.76 7.20 -14.90	139.91 8.43 -74.14	239.96 10.00 -165.85	348.98 11.65 -270.00	318.25 11.69 -219.99	303.47 12.40 -196.44	300.98 11.84 -200.83	288.28 11.44 -202.06	194.96 8.77 -124.87	157.63 7.02 -102.55	55.03 6.35 -7.20	50.10 5.39 -7.29
SOUTHOLD____IC 23719	37.52 4.17 -1.72	32.97 3.35 -0.01	30.14 3.20 0.00	28.78 2.78 0.00	28.32 2.62 0.00	29.64 2.94 0.00	34.23 3.86 0.00	38.28 4.59 -0.19	41.28 4.81 -0.34	42.48 4.47 -0.46	53.48 5.99 -5.61	58.30 6.48 -8.62	71.66 7.10 -14.90	139.74 8.26 -74.14	239.77 9.81 -165.85	348.99 11.65 -270.00	318.42 11.86 -219.99	303.37 12.30 -196.44	303.37 14.22 -200.83	288.43 11.59 -202.06	195.21 9.02 -124.87	157.43 6.82 -102.55	55.12 6.43 -7.20	50.07 5.35 -7.29
SPIERFLS_115KV_TB 1 80737	33.15 1.52 0.00	31.01 1.39 0.00	28.28 1.35 0.00	27.35 1.35 0.00	27.03 1.34 0.00	28.09 1.39 0.00	31.86 1.49 0.00	34.99 1.71 0.22	37.72 1.99 0.40	39.28 2.25 0.53	44.75 2.89 0.03	46.48 3.28 0.00	53.58 3.92 0.00	61.59 4.24 0.00	68.34 4.23 0.00	71.58 4.24 0.00	91.21 5.45 0.82	101.16 6.53 0.00	94.95 6.62 0.00	80.32 5.53 0.00	66.35 5.03 0.00	52.05 3.99 0.00	44.85 3.36 0.00	39.97 2.54 0.00
ST LAWRENCE____ 23600	30.90 -0.73 0.00	29.06 -0.56 0.00	26.37 -0.57 0.00	25.42 -0.57 0.00	25.11 -0.59 0.00	26.12 -0.59 0.00	29.71 -0.67 0.00	32.70 -0.80 0.00	35.23 -0.90 0.00	36.46 -1.09 0.00	39.96 -1.93 0.00	41.00 -2.20 0.00	47.18 -2.48 0.00	55.17 -2.18 0.00	61.42 -2.69 0.00	64.31 -3.03 0.00	83.11 -3.47 0.00	90.94 -3.69 0.00	84.44 -3.88 0.00	71.79 -2.99 0.00	58.38 -2.94 0.00	45.76 -2.31 0.00	39.42 -2.07 0.00	36.30 -1.12 0.00
STATE_CA_115KV_115_LB 55624	32.10 0.47 0.00	30.03 0.41 0.00	27.50 0.57 0.00	26.62 0.62 0.00	26.29 0.59 0.00	27.16 0.45 0.00	30.71 0.33 0.00	33.86 0.57 0.21	36.44 0.69 0.38	37.88 0.83 0.50	43.11 1.26 0.03	44.49 1.30 0.00	51.00 1.34 0.00	58.44 1.09 0.00	65.71 1.60 0.00	68.95 1.62 0.00	87.78 1.99 0.78	96.81 2.18 0.00	90.79 2.47 0.00	76.80 2.02 0.00	63.10 1.78 0.00	49.70 1.63 0.00	42.98 1.49 0.00	38.32 0.90 0.00
STATE_ST_34_KV_LOAD 55959	32.64 1.01 0.00	30.51 0.89 0.00	27.56 0.62 0.00	26.46 0.47 0.00	26.21 0.51 0.00	27.48 0.77 0.00	31.44 1.06 0.00	34.64 1.14 0.00	37.32 1.19 0.00	38.94 1.39 0.00	43.77 1.88 0.00	45.44 2.25 0.00	52.39 2.73 0.00	60.67 3.33 0.00	67.76 3.65 0.00	71.24 3.91 0.00	90.99 4.42 0.00	99.55 4.92 0.00	93.36 5.03 0.00	78.90 4.11 0.00	65.37 4.05 0.00	50.71 2.64 0.00	43.40 1.91 0.00	39.03 1.61 0.00
STATION 5_MISC_HYD 23604	32.23 0.60 0.00	30.15 0.53 0.00	26.86 -0.08 0.00	26.20 0.21 0.00	25.98 0.28 0.00	26.89 0.19 0.00	30.89 0.52 0.00	33.93 0.43 0.00	36.46 0.32 0.00	38.12 0.56 0.00	42.89 1.00 0.00	44.84 1.64 0.00	51.70 2.04 0.00	59.99 2.64 0.00	67.44 3.33 0.00	70.83 3.50 0.00	89.52 2.95 0.00	98.03 3.40 0.00	91.59 3.27 0.00	77.62 2.84 0.00	64.33 3.00 0.00	49.55 1.49 0.00	42.48 0.99 0.00	38.21 0.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.26 0.63 0.00	30.18 0.56 0.00	27.05 0.11 0.00	25.86 -0.13 0.00	25.60 -0.10 0.00	27.08 0.37 0.00	31.29 0.91 0.00	34.20 0.70 0.00	36.75 0.61 0.00	38.42 0.86 0.00	43.22 1.34 0.00	45.05 1.86 0.00	51.99 2.33 0.00	60.33 2.98 0.00	67.57 3.46 0.00	71.37 4.04 0.00	90.64 4.07 0.00	99.17 4.54 0.00	92.74 4.42 0.00	78.52 3.74 0.00	64.94 3.62 0.00	50.03 1.97 0.00	42.61 1.12 0.00	38.43 1.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.95 0.32 0.00	29.89 0.27 0.00	26.70 -0.24 0.00	25.47 -0.52 0.00	25.21 -0.49 0.00	26.71 0.00 0.00	30.98 0.61 0.00	33.70 0.20 0.00	36.24 0.11 0.00	37.93 0.38 0.00	42.68 0.80 0.00	44.54 1.34 0.00	51.35 1.69 0.00	59.64 2.29 0.00	66.67 2.56 0.00	70.43 3.10 0.00	89.17 2.60 0.00	97.66 3.03 0.00	91.15 2.83 0.00	77.25 2.47 0.00	64.02 2.70 0.00	49.22 1.15 0.00	41.94 0.46 0.00	37.87 0.45 0.00
STA_56____34_KV_BUS2 355983	31.95 0.32 0.00	29.89 0.27 0.00	26.70 -0.24 0.00	25.47 -0.52 0.00	25.21 -0.49 0.00	26.71 0.00 0.00	30.98 0.61 0.00	33.70 0.20 0.00	36.24 0.11 0.00	37.93 0.38 0.00	42.68 0.80 0.00	44.54 1.34 0.00	51.35 1.69 0.00	59.64 2.29 0.00	66.67 2.56 0.00	70.43 3.10 0.00	89.17 2.60 0.00	97.66 3.03 0.00	91.15 2.83 0.00	77.25 2.47 0.00	64.02 2.70 0.00	49.22 1.15 0.00	41.94 0.46 0.00	37.87 0.45 0.00
STA_67____115KV_BK2 355882	32.07 0.44 0.00	30.03 0.41 0.00	26.78 -0.16 0.00	25.55 -0.44 0.00	25.26 -0.44 0.00	26.81 0.11 0.00	31.10 0.73 0.00	33.80 0.30 0.00	36.31 0.18 0.00	38.01 0.45 0.00	42.76 0.88 0.00	44.67 1.47 0.00	51.50 1.84 0.00	59.75 2.41 0.00	66.80 2.69 0.00	70.57 3.23 0.00	89.26 2.68 0.00	97.75 3.12 0.00	91.24 2.91 0.00	77.32 2.54 0.00	64.14 2.82 0.00	49.31 1.25 0.00	42.03 0.54 0.00	37.98 0.56 0.00
STA_7____115KV_9TRANS 80674	32.33 0.70 0.00	30.24 0.62 0.00	26.96 0.03 0.00	25.71 -0.29 0.00	25.44 -0.26 0.00	27.00 0.29 0.00	31.35 0.97 0.00	34.10 0.60 0.00	36.64 0.51 0.00	38.34 0.79 0.00	43.14 1.26 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.44 3.10 0.00	67.44 3.33 0.00	71.31 3.97 0.00	90.21 3.64 0.00	98.70 4.07 0.00	92.21 3.89 0.00	78.22 3.44 0.00	64.82 3.50 0.00	49.84 1.78 0.00	42.44 0.95 0.00	38.32 0.90 0.00
STA_82____115KV_TB1 80780	32.10 0.47 0.00	30.03 0.41 0.00	26.80 -0.13 0.00	25.55 -0.44 0.00	25.29 -0.41 0.00	26.84 0.13 0.00	31.13 0.76 0.00	33.84 0.34 0.00	36.35 0.22 0.00	38.04 0.49 0.00	42.80 0.92 0.00	44.71 1.51 0.00	51.55 1.89 0.00	59.81 2.47 0.00	66.87 2.76 0.00	70.63 3.30 0.00	89.34 2.77 0.00	97.85 3.22 0.00	91.32 3.00 0.00	77.40 2.62 0.00	64.21 2.88 0.00	49.36 1.30 0.00	42.07 0.58 0.00	38.02 0.60 0.00
STEEL____WIND 323596	32.29 0.67 0.00	30.24 0.62 0.00	26.70 -0.24 0.00	26.18 0.18 0.00	26.01 0.31 0.00	26.92 0.21 0.00	30.95 0.58 0.00	33.80 0.30 0.00	36.46 0.32 0.00	38.12 0.56 0.00	43.10 1.22 0.00	45.27 2.07 0.00	52.14 2.48 0.00	60.67 3.32 0.00	68.22 4.11 0.00	71.65 4.31 0.00	89.60 3.03 0.00	98.13 3.50 0.00	91.50 3.17 0.00	77.33 2.54 0.00	64.51 3.19 0.00	49.36 1.30 0.00	42.27 0.79 0.00	38.28 0.86 0.00
STEPHTWN_115KV_BK_2 55603	32.39 0.76 0.00	30.30 0.68 0.00	27.72 0.78 0.00	26.80 0.81 0.00	26.49 0.80 0.00	27.43 0.72 0.00	31.04 0.67 0.00	34.20 0.90 0.20	36.84 1.08 0.37	38.27 1.20 0.49	43.62 1.76 0.03	44.92 1.73 0.00	51.55 1.89 0.00	59.01 1.66 0.00	66.42 2.31 0.00	69.69 2.36 0.00	88.75 2.94 0.76	98.13 3.50 0.00	92.03 3.71 0.00	77.77 2.99 0.00	64.02 2.70 0.00	50.32 2.26 0.00	43.48 1.99 0.00	38.81 1.38 0.00

STEUBEN_REC_LFGE 323667	33.08 1.45 0.00	30.92 1.30 0.00	27.58 0.65 0.00	26.33 0.34 0.00	26.11 0.41 0.00	27.88 1.18 0.00	32.38 2.00 0.00	35.07 1.57 0.00	37.68 1.55 0.00	39.51 1.95 0.00	44.65 2.76 0.00	46.78 3.59 0.00	54.08 4.42 0.00	62.74 5.39 0.00	70.14 6.03 0.00	74.20 6.87 0.00	93.50 6.93 0.00	102.58 7.95 0.00	95.74 7.42 0.00	80.76 5.98 0.00	67.27 5.95 0.00	51.67 3.60 0.00	43.69 2.20 0.00	39.59 2.17 0.00
STONY__BROOK 24151	36.16 2.81 -1.72	31.76 2.13 -0.01	29.04 2.10 0.00	27.76 1.77 0.00	27.34 1.65 0.00	28.60 1.90 0.00	32.95 2.58 0.00	36.83 3.15 -0.19	39.65 3.18 -0.34	40.83 2.82 -0.45	52.87 3.52 -7.47	58.28 3.58 -11.50	73.16 3.62 -19.87	160.14 3.95 -98.84	218.98 4.68 -150.19	362.90 6.53 -289.04	387.43 7.79 -293.06	364.58 8.04 -261.91	363.93 7.86 -267.75	279.30 6.05 -198.46	161.54 4.66 -95.56	188.44 3.65 -136.73	54.90 3.81 -9.60	49.22 3.41 -8.40
STURGEON_POOL_HYD 23609	32.77 1.14 0.00	30.60 0.98 0.00	28.04 1.10 0.00	27.22 1.22 0.00	26.85 1.16 0.00	27.59 0.88 0.00	31.13 0.76 0.00	34.98 1.41 -0.07	37.77 1.52 -0.13	39.45 1.73 -0.17	44.20 2.30 -0.01	45.57 2.38 0.00	52.39 2.73 0.00	59.87 2.52 0.00	67.12 3.01 0.00	70.57 3.23 0.00	92.03 5.19 -0.26	99.08 4.45 0.00	92.83 4.50 0.00	78.30 3.51 0.00	63.71 2.39 0.00	50.42 2.36 0.00	43.85 2.36 0.00	38.73 1.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.67 1.04 0.00	30.51 0.89 0.00	27.91 0.97 0.00	27.09 1.09 0.00	26.73 1.03 0.00	27.59 0.88 0.00	31.19 0.82 0.00	34.89 1.24 -0.15	37.79 1.37 -0.28	39.51 1.58 -0.37	44.04 2.14 -0.02	45.53 2.33 0.00	52.29 2.63 0.00	59.81 2.47 0.00	67.12 3.01 0.00	70.70 3.37 0.00	91.65 4.50 -0.58	99.08 4.45 0.00	92.83 4.50 0.00	78.30 3.51 0.00	63.71 2.39 0.00	50.37 2.31 0.00	43.81 2.32 0.00	38.73 1.31 0.00
SWANROAD_115KV_TB1 355699	31.31 -0.32 0.00	29.44 -0.18 0.00	25.97 -0.97 0.00	24.59 -1.40 0.00	24.21 -1.49 0.00	25.99 -0.72 0.00	30.40 0.03 0.00	32.56 -0.94 0.00	34.94 -1.19 0.00	36.62 -0.94 0.00	41.34 -0.54 0.00	43.41 0.22 0.00	49.91 0.25 0.00	58.03 0.69 0.00	64.56 0.45 0.00	68.48 1.14 0.00	85.62 -0.95 0.00	93.87 -0.76 0.00	87.44 -0.88 0.00	73.96 -0.82 0.00	61.81 0.49 0.00	47.24 -0.82 0.00	40.20 -1.29 0.00	36.71 -0.71 0.00
SYNERGY__BIOGAS 323694	32.61 0.98 0.00	30.48 0.86 0.00	26.96 0.03 0.00	26.46 0.47 0.00	26.24 0.54 0.00	27.13 0.43 0.00	31.19 0.82 0.00	34.17 0.67 0.00	36.71 0.58 0.00	38.38 0.83 0.00	43.35 1.47 0.00	45.44 2.24 0.00	52.34 2.68 0.00	60.96 3.61 0.00	68.66 4.55 0.00	72.18 4.85 0.00	90.64 4.07 0.00	99.45 4.82 0.00	92.82 4.50 0.00	78.67 3.89 0.00	65.50 4.17 0.00	50.08 2.02 0.00	42.82 1.33 0.00	38.62 1.20 0.00
SYRACUSE__ENERGY_ST1 323597	32.01 0.38 0.00	29.94 0.33 0.00	27.10 0.16 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.97 0.27 0.00	30.80 0.43 0.00	33.90 0.40 0.00	36.53 0.40 0.00	38.12 0.56 0.00	42.76 0.88 0.00	44.06 0.86 0.00	50.70 1.04 0.00	58.61 1.26 0.00	65.58 1.47 0.00	68.95 1.62 0.00	88.13 1.56 0.00	96.33 1.70 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.72 0.00	49.12 1.06 0.00	42.36 0.87 0.00	38.10 0.67 0.00
SYRACUSE__ENERGY_ST2 323598	32.01 0.38 0.00	29.94 0.33 0.00	27.10 0.16 0.00	26.05 0.05 0.00	25.80 0.10 0.00	26.97 0.27 0.00	30.80 0.43 0.00	33.90 0.40 0.00	36.53 0.40 0.00	38.12 0.56 0.00	42.76 0.88 0.00	44.06 0.86 0.00	50.70 1.04 0.00	58.61 1.26 0.00	65.58 1.47 0.00	68.95 1.62 0.00	88.13 1.56 0.00	96.33 1.70 0.00	90.09 1.77 0.00	76.20 1.42 0.00	63.04 1.72 0.00	49.12 1.06 0.00	42.36 0.87 0.00	38.10 0.67 0.00
SYRACUSE__POWER 24017	31.91 0.28 0.00	29.86 0.24 0.00	27.02 0.08 0.00	25.97 -0.03 0.00	25.72 0.03 0.00	26.89 0.19 0.00	30.71 0.33 0.00	33.77 0.27 0.00	36.42 0.29 0.00	37.97 0.41 0.00	42.59 0.71 0.00	44.06 0.86 0.00	50.75 1.09 0.00	58.61 1.26 0.00	65.65 1.54 0.00	69.02 1.68 0.00	88.22 1.64 0.00	96.52 1.89 0.00	90.26 1.94 0.00	76.35 1.57 0.00	63.04 1.72 0.00	49.07 1.01 0.00	42.15 0.66 0.00	37.91 0.49 0.00
TALLMAN__138KV_BK151 55660	32.80 1.17 0.00	30.63 1.01 0.00	28.04 1.10 0.00	27.22 1.22 0.00	26.85 1.16 0.00	27.72 1.01 0.00	31.35 0.97 0.00	35.14 1.47 -0.17	38.10 1.66 -0.31	39.80 1.84 -0.40	44.37 2.47 -0.02	45.92 2.72 0.00	52.74 3.08 0.00	60.27 2.92 0.00	67.64 3.53 0.00	71.31 3.97 0.00	92.48 5.28 -0.63	99.83 5.20 0.00	93.53 5.21 0.00	78.82 4.04 0.00	64.02 2.70 0.00	50.66 2.60 0.00	44.10 2.61 0.00	38.92 1.50 0.00
TEALLAVE_115KV_TB7 355573	31.82 0.19 0.00	29.74 0.12 0.00	26.94 0.00 0.00	25.89 -0.10 0.00	25.65 -0.05 0.00	26.79 0.08 0.00	30.62 0.24 0.00	33.63 0.13 0.00	36.28 0.14 0.00	37.82 0.26 0.00	42.43 0.54 0.00	43.93 0.73 0.00	50.60 0.94 0.00	58.44 1.09 0.00	65.46 1.35 0.00	68.82 1.48 0.00	87.96 1.39 0.00	96.14 1.51 0.00	89.91 1.59 0.00	75.98 1.20 0.00	62.79 1.47 0.00	48.88 0.82 0.00	41.94 0.46 0.00	37.76 0.34 0.00
TELGRAPH_34_KV_EAST 80808	32.01 0.38 0.00	30.03 0.41 0.00	26.53 -0.40 0.00	25.16 -0.83 0.00	24.82 -0.87 0.00	26.63 -0.08 0.00	31.13 0.76 0.00	33.50 0.00 0.00	35.91 -0.22 0.00	37.63 0.08 0.00	42.51 0.63 0.00	44.58 1.38 0.00	51.30 1.64 0.00	59.75 2.41 0.00	66.55 2.44 0.00	70.57 3.23 0.00	88.48 1.90 0.00	96.99 2.37 0.00	90.44 2.12 0.00	76.50 1.72 0.00	63.84 2.51 0.00	48.69 0.62 0.00	41.41 -0.08 0.00	37.69 0.26 0.00
TEMPLE__115KV_TB 2 55572	31.82 0.19 0.00	29.77 0.15 0.00	26.94 0.00 0.00	25.92 -0.08 0.00	25.65 -0.05 0.00	26.81 0.11 0.00	30.62 0.24 0.00	33.67 0.17 0.00	36.28 0.14 0.00	37.86 0.30 0.00	42.47 0.59 0.00	43.97 0.78 0.00	50.65 0.99 0.00	58.49 1.15 0.00	65.52 1.41 0.00	68.88 1.55 0.00	88.04 1.47 0.00	96.24 1.61 0.00	90.00 1.68 0.00	76.05 1.27 0.00	62.86 1.53 0.00	48.93 0.87 0.00	41.99 0.50 0.00	37.80 0.37 0.00
TIANA____69_KV_BK 1 55817	36.82 3.48 -1.72	32.76 3.14 0.00	29.66 2.72 0.00	28.49 2.50 0.00	28.22 2.52 0.00	29.24 2.54 0.00	33.53 3.16 0.00	37.51 3.82 -0.19	40.48 4.01 -0.34	41.35 3.34 -0.46	51.76 4.27 -5.61	56.79 4.97 -8.62	69.92 5.36 -14.90	137.67 6.19 -74.13	236.97 7.31 -165.55	345.91 8.89 -269.69	316.67 10.13 -219.97	301.75 10.69 -196.43	299.55 10.42 -200.81	285.06 8.53 -201.76	192.34 6.44 -124.58	155.94 5.33 -102.54	53.66 4.98 -7.20	48.94 4.23 -7.29
TILDEN__115KV_TB1 80814	31.91 0.28 0.00	29.86 0.24 0.00	27.02 0.08 0.00	25.97 -0.03 0.00	25.72 0.03 0.00	26.89 0.19 0.00	30.71 0.33 0.00	33.77 0.27 0.00	36.42 0.29 0.00	37.97 0.41 0.00	42.59 0.71 0.00	44.06 0.86 0.00	50.75 1.09 0.00	58.61 1.26 0.00	65.65 1.54 0.00	69.02 1.68 0.00	88.22 1.64 0.00	96.52 1.89 0.00	90.26 1.94 0.00	76.35 1.57 0.00	63.04 1.72 0.00	49.07 1.01 0.00	42.15 0.66 0.00	37.91 0.49 0.00

TRIGEN___CC 323695	35.34 1.99 -1.72	31.40 1.78 0.00	28.53 1.59 0.00	27.55 1.56 0.00	27.27 1.57 0.00	28.17 1.47 0.00	32.14 1.76 0.00	35.93 2.24 -0.19	38.82 2.35 -0.34	40.11 2.10 -0.45	44.46 2.55 -0.02	46.22 3.02 0.00	52.84 3.18 0.00	60.79 3.44 0.00	68.08 3.97 0.00	72.47 5.12 -0.02	93.42 6.15 -0.70	100.87 6.25 0.00	94.50 6.18 0.00	79.42 4.64 0.00	64.63 3.31 0.00	51.14 3.08 0.00	44.64 3.15 0.00	40.08 2.36 -0.30
TRINITY___115KV___4 BK 55933	32.01 0.38 0.00	29.94 0.33 0.00	27.40 0.46 0.00	26.54 0.55 0.00	26.21 0.51 0.00	27.05 0.35 0.00	30.59 0.21 0.00	33.73 0.44 0.20	36.30 0.54 0.37	37.70 0.64 0.49	42.90 1.05 0.03	44.23 1.04 0.00	50.70 1.04 0.00	58.03 0.69 0.00	65.26 1.15 0.00	68.48 1.14 0.00	87.19 1.39 0.77	96.14 1.51 0.00	90.18 1.85 0.00	76.35 1.57 0.00	62.67 1.35 0.00	49.41 1.35 0.00	42.77 1.29 0.00	38.13 0.71 0.00
UNION___PROCESSING_DRP 323587	32.10 0.47 0.00	30.06 0.44 0.00	26.83 -0.11 0.00	25.58 -0.42 0.00	25.29 -0.41 0.00	26.84 0.13 0.00	31.13 0.76 0.00	33.84 0.34 0.00	36.38 0.25 0.00	38.04 0.49 0.00	42.85 0.96 0.00	44.75 1.56 0.00	51.55 1.89 0.00	59.87 2.52 0.00	66.87 2.76 0.00	70.70 3.37 0.00	89.43 2.86 0.00	97.85 3.22 0.00	91.41 3.09 0.00	77.40 2.62 0.00	64.21 2.88 0.00	49.41 1.35 0.00	42.07 0.58 0.00	38.02 0.60 0.00
UPPER HUDSON___HYD 24058	33.09 1.46 0.00	30.89 1.27 0.00	28.23 1.29 0.00	27.19 1.20 0.00	26.88 1.18 0.00	28.01 1.31 0.00	31.83 1.46 0.00	34.99 1.71 0.22	37.68 1.95 0.40	39.28 2.25 0.53	44.87 3.02 0.03	46.44 3.24 0.00	53.48 3.82 0.00	61.59 4.24 0.00	68.27 4.16 0.00	71.58 4.24 0.00	91.21 5.46 0.82	101.15 6.52 0.00	94.95 6.63 0.00	80.32 5.53 0.00	66.35 5.03 0.00	52.05 3.99 0.00	44.89 3.40 0.00	39.97 2.55 0.00
UPPER RAQUET___HYD 24056	30.90 -0.73 0.00	29.00 -0.62 0.00	26.05 -0.89 0.00	25.06 -0.93 0.00	24.64 -1.05 0.00	25.69 -1.01 0.00	29.28 -1.09 0.00	32.19 -1.31 0.00	34.68 -1.45 0.00	35.83 -1.73 0.00	38.87 -3.02 0.00	39.66 -3.54 0.00	45.74 -3.92 0.00	54.48 -2.87 0.00	60.58 -3.53 0.00	62.96 -4.38 0.00	81.29 -5.28 0.00	89.24 -5.39 0.00	82.93 -5.39 0.00	70.67 -4.11 0.00	57.09 -4.23 0.00	44.36 -3.70 0.00	38.00 -3.48 0.00	35.59 -1.83 0.00
VALLEY44_115KV_TB2 355964	32.23 0.60 0.00	30.21 0.59 0.00	26.86 -0.08 0.00	25.55 -0.44 0.00	25.29 -0.41 0.00	27.11 0.40 0.00	31.59 1.21 0.00	34.07 0.57 0.00	36.46 0.33 0.00	38.23 0.68 0.00	43.22 1.34 0.00	45.44 2.25 0.00	52.54 2.88 0.00	61.19 3.84 0.00	68.28 4.17 0.00	72.45 5.12 0.00	90.99 4.42 0.00	99.55 4.92 0.00	92.74 4.42 0.00	78.07 3.29 0.00	64.94 3.62 0.00	49.50 1.44 0.00	41.94 0.46 0.00	38.13 0.71 0.00
VALLEY___115KV_TB 1-4 80826	31.44 -0.19 0.00	29.41 -0.21 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.54 -0.15 0.00	26.55 -0.16 0.00	30.19 -0.18 0.00	33.33 -0.17 0.00	35.99 -0.14 0.00	37.44 -0.11 0.00	41.84 -0.04 0.00	43.24 0.04 0.00	49.66 0.00 0.00	57.23 -0.11 0.00	63.92 -0.19 0.00	67.06 -0.27 0.00	86.23 -0.35 0.00	94.16 -0.47 0.00	87.97 -0.35 0.00	74.41 -0.37 0.00	61.20 -0.12 0.00	47.97 -0.10 0.00	41.45 -0.04 0.00	37.31 -0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.72 2.09 0.00	31.54 1.93 0.00	28.64 1.70 0.00	27.63 1.64 0.00	27.32 1.62 0.00	28.44 1.74 0.00	32.41 2.04 0.00	35.81 2.31 0.00	38.62 2.49 0.00	40.26 2.70 0.00	45.23 3.35 0.00	46.87 3.67 0.00	54.23 4.57 0.00	62.39 5.05 0.00	69.82 5.71 0.00	73.12 5.79 0.00	93.84 7.27 0.00	102.67 8.04 0.00	96.36 8.04 0.00	81.36 6.58 0.00	67.21 5.89 0.00	52.34 4.28 0.00	44.93 3.44 0.00	40.16 2.73 0.00
VISCHER___FERRY HYD 24020	32.45 0.82 0.00	30.36 0.74 0.00	27.80 0.86 0.00	26.75 0.75 0.00	26.42 0.72 0.00	27.43 0.72 0.00	31.13 0.76 0.00	34.19 0.97 0.29	36.73 1.12 0.52	38.14 1.28 0.69	43.73 1.89 0.04	45.14 1.95 0.00	51.75 2.09 0.00	59.30 1.95 0.00	66.55 2.44 0.00	70.03 2.70 0.00	88.79 3.29 1.07	98.42 3.79 0.00	92.39 4.06 0.00	78.07 3.29 0.00	64.15 2.82 0.00	50.42 2.35 0.00	43.60 2.11 0.00	38.84 1.42 0.00
V_A_10_SYNC_DSASP 323832	31.63 0.00 0.00	29.65 0.03 0.00	26.24 -0.70 0.00	25.71 -0.29 0.00	25.52 -0.18 0.00	26.33 -0.37 0.00	30.25 -0.12 0.00	33.10 -0.40 0.00	35.59 -0.54 0.00	37.22 -0.34 0.00	41.88 0.00 0.00	43.89 0.69 0.00	50.55 0.89 0.00	58.67 1.32 0.00	65.97 1.86 0.00	69.29 1.95 0.00	86.92 0.35 0.00	95.20 0.57 0.00	88.85 0.53 0.00	75.23 0.45 0.00	62.67 1.35 0.00	48.16 0.10 0.00	41.41 -0.08 0.00	37.39 -0.04 0.00
V_CMM_10_SYNC_DSASP 323787	31.03 -0.60 0.00	29.18 -0.44 0.00	26.45 -0.48 0.00	25.53 -0.47 0.00	25.21 -0.49 0.00	26.23 -0.48 0.00	29.83 -0.55 0.00	32.80 -0.71 0.00	35.34 -0.80 0.00	36.58 -0.98 0.00	40.08 -1.80 0.00	41.17 -2.03 0.00	47.38 -2.28 0.00	55.40 -1.95 0.00	61.67 -2.44 0.00	64.57 -2.76 0.00	83.37 -3.20 0.00	91.23 -3.40 0.00	84.70 -3.62 0.00	72.09 -2.69 0.00	58.63 -2.70 0.00	45.95 -2.11 0.00	39.54 -1.95 0.00	36.45 -0.97 0.00
V_CMP_10_SYNC_DSASP 323788	31.03 -0.60 0.00	29.56 -0.06 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.52 -0.18 0.00	26.57 -0.13 0.00	30.28 -0.09 0.00	32.66 -0.84 0.00	35.16 -0.97 0.00	36.39 -1.16 0.00	40.00 -1.88 0.00	41.04 -2.16 0.00	47.23 -2.43 0.00	55.23 -2.12 0.00	61.48 -2.63 0.00	64.31 -3.03 0.00	82.68 -3.89 0.00	90.66 -3.97 0.00	84.17 -4.15 0.00	71.86 -2.92 0.00	58.50 -2.82 0.00	45.85 -2.21 0.00	39.33 -2.16 0.00	36.19 -1.23 0.00
V_E_10_SYNC_DSASP 323830	35.02 3.39 0.00	32.61 2.99 0.00	29.25 2.32 0.00	28.31 2.31 0.00	28.04 2.34 0.00	29.32 2.62 0.00	33.66 3.28 0.00	37.25 3.75 0.00	40.00 3.87 0.00	41.53 3.98 0.00	46.82 4.94 0.00	48.55 5.36 0.00	56.41 6.75 0.00	65.49 8.14 0.00	73.34 9.23 0.00	76.63 9.30 0.00	98.52 11.95 0.00	108.26 13.63 0.00	102.27 13.95 0.00	86.14 11.36 0.00	71.69 10.37 0.00	55.17 7.11 0.00	46.92 5.43 0.00	41.99 4.56 0.00
V_F_30_NSYNC___DSASP 323816	33.09 1.46 0.00	30.89 1.27 0.00	28.26 1.32 0.00	27.19 1.20 0.00	26.88 1.18 0.00	27.96 1.26 0.00	31.74 1.37 0.00	34.88 1.61 0.23	37.52 1.81 0.42	39.07 2.06 0.55	44.62 2.76 0.03	46.18 2.98 0.00	53.04 3.38 0.00	60.96 3.61 0.00	68.27 4.16 0.00	71.65 4.31 0.00	91.26 5.55 0.86	100.97 6.34 0.00	94.77 6.44 0.00	80.09 5.31 0.00	66.05 4.72 0.00	51.76 3.70 0.00	44.64 3.15 0.00	39.78 2.36 0.00
V_F_30_SYNC_DSASP 323786	32.10 0.47 0.00	30.03 0.41 0.00	27.50 0.57 0.00	26.62 0.62 0.00	26.29 0.59 0.00	27.16 0.45 0.00	30.71 0.33 0.00	33.86 0.57 0.21	36.44 0.69 0.38	37.88 0.83 0.50	43.11 1.26 0.03	44.45 1.25 0.00	51.00 1.34 0.00	58.44 1.09 0.00	65.71 1.60 0.00	68.95 1.62 0.00	87.70 1.90 0.78	96.81 2.18 0.00	90.79 2.47 0.00	76.80 2.02 0.00	63.10 1.78 0.00	49.70 1.63 0.00	42.98 1.49 0.00	38.32 0.90 0.00

V_XM_10_SYNC_DSASP 323789	31.03 -0.60 0.00	29.56 -0.06 0.00	26.75 -0.19 0.00	25.81 -0.18 0.00	25.52 -0.18 0.00	26.57 -0.13 0.00	30.28 -0.09 0.00	32.66 -0.84 0.00	35.16 -0.97 0.00	36.39 -1.16 0.00	40.00 -1.88 0.00	41.04 -2.16 0.00	47.23 -2.43 0.00	55.23 -2.12 0.00	61.48 -2.63 0.00	64.31 -3.03 0.00	82.68 -3.89 0.00	90.66 -3.97 0.00	84.17 -4.15 0.00	71.86 -2.92 0.00	58.50 -2.82 0.00	45.85 -2.21 0.00	39.33 -2.16 0.00	36.19 -1.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.93 1.30 0.00	30.71 1.10 0.00	28.12 1.19 0.00	27.29 1.30 0.00	26.96 1.26 0.00	27.80 1.09 0.00	31.44 1.06 0.00	35.24 1.57 -0.17	38.18 1.73 -0.31	39.92 1.95 -0.41	44.54 2.64 -0.02	46.05 2.85 0.00	52.89 3.23 0.00	60.50 3.15 0.00	67.89 3.78 0.00	71.51 4.17 0.00	92.84 5.63 -0.64	100.21 5.58 0.00	93.89 5.56 0.00	79.12 4.34 0.00	64.27 2.94 0.00	50.85 2.79 0.00	44.27 2.78 0.00	39.03 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.24 1.61 0.00	30.95 1.33 0.00	28.28 1.35 0.00	27.45 1.46 0.00	27.11 1.41 0.00	27.96 1.26 0.00	31.71 1.34 0.00	35.66 1.98 -0.19	38.71 2.24 -0.34	40.45 2.44 -0.45	45.09 3.18 -0.02	46.57 3.37 0.00	53.43 3.77 0.00	60.90 3.56 0.00	68.21 4.10 0.00	71.98 4.65 0.00	93.51 6.23 -0.70	100.78 6.15 0.00	94.59 6.27 0.00	79.64 4.86 0.00	64.27 2.94 0.00	51.09 3.03 0.00	44.72 3.24 0.00	39.33 1.91 0.00
W50THST__13_KV_LOAD 356117	33.40 1.77 0.00	31.13 1.51 0.00	28.42 1.48 0.00	27.61 1.61 0.00	27.27 1.57 0.00	28.12 1.42 0.00	31.89 1.52 0.00	35.90 2.21 -0.19	39.00 2.53 -0.34	40.75 2.74 -0.45	45.47 3.56 -0.02	46.96 3.76 0.00	53.83 4.17 0.00	61.36 4.01 0.00	68.73 4.62 0.00	72.52 5.18 0.00	94.20 6.93 -0.70	101.54 6.91 0.00	95.21 6.89 0.00	80.24 5.46 0.00	64.63 3.31 0.00	51.38 3.32 0.00	45.01 3.53 0.00	39.52 2.10 0.00
WADING RIVER_IC_1 23522	36.35 3.01 -1.72	31.91 2.28 -0.01	29.20 2.26 0.00	27.87 1.87 0.00	27.45 1.75 0.00	28.73 2.03 0.00	33.14 2.76 0.00	37.00 3.32 -0.19	39.83 3.36 -0.34	40.75 2.74 -0.45	51.37 3.90 -5.59	55.94 4.15 -8.60	68.89 4.37 -14.86	136.13 4.87 -73.91	218.53 5.83 -148.59	327.30 7.54 -252.42	314.55 8.66 -219.32	299.47 8.99 -195.85	297.55 9.01 -200.22	266.80 7.33 -184.69	174.69 5.64 -107.73	154.67 4.37 -102.24	53.06 4.40 -7.18	48.40 3.71 -7.27
WADING RIVER_IC_2 23547	36.35 3.01 -1.72	31.91 2.28 -0.01	29.20 2.26 0.00	27.87 1.87 0.00	27.45 1.75 0.00	28.73 2.03 0.00	33.14 2.76 0.00	37.00 3.32 -0.19	39.83 3.36 -0.34	40.75 2.74 -0.45	51.37 3.90 -5.59	55.94 4.15 -8.60	68.89 4.37 -14.86	136.13 4.87 -73.91	218.53 5.83 -148.59	327.30 7.54 -252.42	314.55 8.66 -219.32	299.47 8.99 -195.85	297.55 9.01 -200.22	266.80 7.33 -184.69	174.69 5.64 -107.73	154.67 4.37 -102.24	53.06 4.40 -7.18	48.40 3.71 -7.27
WADING RIVER_IC_3 23601	36.35 3.01 -1.72	31.91 2.28 -0.01	29.20 2.26 0.00	27.87 1.87 0.00	27.45 1.75 0.00	28.73 2.03 0.00	33.14 2.76 0.00	37.00 3.32 -0.19	39.83 3.36 -0.34	40.75 2.74 -0.45	51.37 3.90 -5.59	55.94 4.15 -8.60	68.89 4.37 -14.86	136.13 4.87 -73.91	218.53 5.83 -148.59	327.30 7.54 -252.42	314.55 8.66 -219.32	299.47 8.99 -195.85	297.55 9.01 -200.22	266.80 7.33 -184.69	174.69 5.64 -107.73	154.67 4.37 -102.24	53.06 4.40 -7.18	48.40 3.71 -7.27
WALDENNY_12_KV_BK2 80841	32.23 0.60 0.00	30.21 0.59 0.00	26.72 -0.22 0.00	25.32 -0.68 0.00	25.03 -0.67 0.00	26.89 0.19 0.00	31.44 1.06 0.00	33.77 0.27 0.00	36.35 0.22 0.00	38.12 0.56 0.00	43.14 1.26 0.00	45.27 2.07 0.00	52.14 2.48 0.00	60.73 3.38 0.00	67.51 3.40 0.00	71.64 4.31 0.00	89.69 3.12 0.00	98.22 3.60 0.00	91.50 3.18 0.00	77.18 2.39 0.00	64.45 3.13 0.00	49.22 1.15 0.00	41.74 0.25 0.00	38.02 0.60 0.00
WALDEN__HYDRO 24148	32.90 1.27 0.00	30.68 1.06 0.00	28.07 1.13 0.00	27.01 1.01 0.00	26.65 0.95 0.00	27.69 0.99 0.00	31.41 1.03 0.00	35.01 1.37 -0.14	37.90 1.52 -0.25	39.58 1.69 -0.34	44.37 2.47 -0.02	45.61 2.42 0.00	52.49 2.83 0.00	59.99 2.64 0.00	67.00 2.89 0.00	70.77 3.43 0.00	92.02 4.93 -0.52	99.55 4.92 0.00	93.18 4.85 0.00	78.67 3.89 0.00	64.09 2.76 0.00	50.61 2.55 0.00	44.06 2.57 0.00	38.92 1.50 0.00
WARRENSBURG____ 23737	33.09 1.46 0.00	30.89 1.27 0.00	28.23 1.29 0.00	27.19 1.20 0.00	26.88 1.18 0.00	28.01 1.31 0.00	31.83 1.46 0.00	34.99 1.71 0.22	37.68 1.95 0.40	39.28 2.25 0.53	44.87 3.02 0.03	46.44 3.24 0.00	53.48 3.82 0.00	61.59 4.24 0.00	68.27 4.16 0.00	71.58 4.24 0.00	91.21 5.46 0.82	101.15 6.52 0.00	94.95 6.63 0.00	80.32 5.53 0.00	66.35 5.03 0.00	52.05 3.99 0.00	44.89 3.40 0.00	39.97 2.55 0.00
WATERSIDE____6 8 9 23538	33.37 1.74 0.00	31.07 1.45 0.00	28.39 1.45 0.00	27.55 1.56 0.00	27.22 1.52 -0.01	28.04 1.34 0.00	31.80 1.43 0.00	35.73 2.04 -0.19	38.71 2.24 -0.34	40.48 2.48 -0.45	45.01 3.10 -0.02	46.31 3.11 0.00	52.88 3.23 0.01	57.57 2.92 2.70	53.13 3.40 14.38	56.06 3.91 15.18	99.74 5.28 -7.89	88.44 5.11 11.30	94.93 5.30 -1.31	67.46 4.19 11.51	52.11 2.33 11.54	50.70 2.64 0.01	44.64 3.15 0.00	39.29 1.87 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.57 -0.06 0.00	29.56 -0.06 0.00	26.88 -0.05 0.00	25.94 -0.05 0.00	25.65 -0.05 0.00	26.65 -0.05 0.00	30.34 -0.03 0.00	33.50 0.00 0.00	36.13 0.00 0.00	37.59 0.04 0.00	42.01 0.13 0.00	43.37 0.17 0.00	49.86 0.20 0.00	57.46 0.11 0.00	64.24 0.13 0.00	67.40 0.07 0.00	86.66 0.09 0.00	94.72 0.09 0.00	88.50 0.18 0.00	74.86 0.07 0.00	61.57 0.25 0.00	48.21 0.14 0.00	41.61 0.12 0.00	37.46 0.04 0.00
WATSON__69_KV_BK 1 55734	36.48 3.13 -1.72	32.40 2.78 0.00	29.36 2.42 0.00	28.23 2.24 0.00	27.96 2.26 0.00	28.98 2.27 0.00	33.20 2.82 0.00	37.14 3.45 -0.19	40.12 3.65 -0.34	41.14 3.12 -0.47	48.40 3.69 -2.83	51.85 4.32 -4.33	61.56 4.42 -7.49	99.68 5.10 -37.23	123.47 6.09 -53.27	180.60 7.68 -105.59	206.67 9.26 -110.84	202.94 9.65 -98.66	198.46 9.27 -100.86	153.27 7.03 -71.46	99.29 5.27 -32.69	104.04 4.47 -51.51	49.46 4.36 -3.62	48.16 3.78 -6.96
WDELAWARE__HYD 323627	32.67 1.04 0.00	30.48 0.86 0.00	27.85 0.92 0.00	26.80 0.81 0.00	26.44 0.75 0.00	27.48 0.77 0.00	31.16 0.79 0.00	34.76 1.17 -0.09	37.52 1.23 -0.16	39.20 1.43 -0.22	44.07 2.18 -0.01	45.40 2.20 0.00	51.10 1.44 0.00	58.55 1.21 0.00	65.32 1.22 0.00	69.02 1.68 0.00	89.76 2.85 -0.34	97.27 2.65 0.00	91.06 2.74 0.00	76.80 2.02 0.00	64.15 2.82 0.00	50.51 2.45 0.00	43.85 2.36 0.00	38.73 1.31 0.00
WEST BABYLON__IC 23714	36.22 2.88 -1.72	32.20 2.58 0.00	29.17 2.24 0.00	28.10 2.11 0.00	27.83 2.13 0.00	28.79 2.08 0.00	32.99 2.61 0.00	36.87 3.18 -0.19	39.83 3.36 -0.34	40.94 2.93 -0.46	45.93 3.35 -0.70	48.21 3.97 -1.04	55.48 4.02 -1.80	70.95 4.65 -8.96	83.86 5.51 -14.23	101.24 7.07 -26.84	122.27 8.48 -27.21	127.18 8.80 -23.75	121.08 8.48 -24.28	99.83 6.43 -18.61	75.33 4.72 -9.28	64.54 4.09 -12.40	46.42 4.07 -0.87	43.63 3.48 -2.73

WEST CANADA___HYD 24049	31.72 0.10 0.00	29.71 0.09 0.00	27.02 0.08 0.00	26.07 0.08 0.00	25.78 0.08 0.00	26.79 0.08 0.00	30.47 0.09 0.00	33.63 0.13 0.00	36.28 0.15 0.00	37.74 0.19 0.00	42.22 0.33 0.00	43.54 0.34 0.00	50.06 0.40 0.00	57.69 0.35 0.00	64.56 0.45 0.00	67.74 0.41 0.00	87.09 0.52 0.00	95.20 0.57 0.00	88.94 0.62 0.00	75.23 0.45 0.00	61.81 0.49 0.00	48.44 0.38 0.00	41.82 0.33 0.00	37.61 0.19 0.00
WESTERN_NY_WIND 24143	32.55 0.92 0.00	30.45 0.83 0.00	26.94 0.00 0.00	26.41 0.41 0.00	26.21 0.51 0.00	27.08 0.37 0.00	31.13 0.76 0.00	34.14 0.63 0.00	36.64 0.51 0.00	38.31 0.75 0.00	43.26 1.38 0.00	45.36 2.16 0.00	52.24 2.58 0.00	60.90 3.56 0.00	68.53 4.42 0.00	72.05 4.71 0.00	90.47 3.90 0.00	99.26 4.64 0.00	92.65 4.33 0.00	78.52 3.74 0.00	65.37 4.05 0.00	49.99 1.92 0.00	42.73 1.24 0.00	38.58 1.16 0.00
WESTOVER___LESR 323668	32.29 0.66 0.00	30.24 0.62 0.00	27.32 0.38 0.00	26.25 0.26 0.00	25.98 0.28 0.00	27.24 0.53 0.00	31.19 0.82 0.00	34.24 0.74 0.00	36.89 0.76 0.00	38.49 0.94 0.00	43.27 1.38 0.00	45.01 1.81 0.00	51.89 2.23 0.00	59.93 2.58 0.00	67.12 3.01 0.00	70.70 3.37 0.00	90.12 3.55 0.00	98.51 3.88 0.00	92.12 3.80 0.00	77.85 3.07 0.00	64.33 3.00 0.00	49.89 1.83 0.00	42.77 1.29 0.00	38.43 1.01 0.00
WETHRSFD_WT_PWR 323626	32.10 0.48 0.00	30.06 0.44 0.00	26.64 -0.30 0.00	26.10 0.10 0.00	25.93 0.23 0.00	26.89 0.19 0.00	30.89 0.52 0.00	33.84 0.33 0.00	36.42 0.29 0.00	38.08 0.53 0.00	43.05 1.17 0.00	45.10 1.90 0.00	51.99 2.33 0.00	60.33 2.98 0.00	67.83 3.72 0.00	71.31 3.97 0.00	89.42 2.85 0.00	98.03 3.40 0.00	91.50 3.17 0.00	77.33 2.54 0.00	64.39 3.06 0.00	49.41 1.34 0.00	42.32 0.83 0.00	38.21 0.79 0.00
WHAVSTOR_138KV_BK127 55557	32.74 1.11 0.00	30.57 0.95 0.00	28.02 1.08 0.00	27.19 1.20 0.00	26.85 1.16 0.00	27.69 0.99 0.00	31.29 0.91 0.00	35.08 1.41 -0.17	38.03 1.59 -0.31	39.73 1.77 -0.41	44.33 2.43 -0.02	45.79 2.59 0.00	52.59 2.93 0.00	60.10 2.75 0.00	67.44 3.33 0.00	71.10 3.77 0.00	92.23 5.02 -0.64	99.55 4.92 0.00	93.27 4.95 0.00	78.67 3.89 0.00	63.84 2.51 0.00	50.56 2.50 0.00	44.02 2.53 0.00	38.85 1.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.74 1.11 0.00	30.57 0.95 0.00	28.02 1.08 0.00	27.19 1.20 0.00	26.85 1.16 0.00	27.69 0.99 0.00	31.29 0.91 0.00	35.08 1.41 -0.17	38.03 1.59 -0.31	39.73 1.77 -0.41	44.33 2.43 -0.02	45.79 2.59 0.00	52.59 2.93 0.00	60.10 2.75 0.00	67.44 3.33 0.00	71.10 3.77 0.00	92.23 5.02 -0.64	99.55 4.92 0.00	93.27 4.95 0.00	78.67 3.89 0.00	63.84 2.51 0.00	50.56 2.50 0.00	44.02 2.53 0.00	38.85 1.42 0.00
WHITEHAL_115KV_TB1 80871	34.29 2.66 0.00	32.02 2.40 0.00	29.12 2.18 0.00	28.13 2.13 0.00	27.86 2.16 0.00	29.03 2.32 0.00	33.05 2.67 0.00	36.29 3.02 0.22	39.08 3.36 0.41	40.81 3.79 0.54	46.46 4.61 0.03	48.38 5.18 0.00	55.92 6.26 0.00	64.46 7.11 0.00	71.87 7.76 0.00	75.08 7.74 0.00	95.86 10.13 0.84	106.65 12.02 0.00	100.07 11.75 0.00	84.58 9.80 0.00	70.09 8.77 0.00	54.55 6.49 0.00	46.72 5.23 0.00	41.61 4.19 0.00
WHITEPLN_13_KV_LOAD 356215	33.31 1.68 0.00	31.04 1.42 0.00	28.39 1.45 0.00	27.53 1.53 0.00	27.19 1.49 0.00	28.09 1.39 0.00	31.86 1.49 0.00	35.73 2.04 -0.19	38.82 2.35 -0.34	40.60 2.59 -0.45	45.26 3.35 -0.02	46.78 3.59 0.00	53.68 4.02 0.00	61.30 3.96 0.00	68.73 4.62 0.00	72.52 5.18 0.00	94.11 6.84 -0.70	101.63 7.00 0.00	95.21 6.89 0.00	80.24 5.46 0.00	65.06 3.74 0.00	51.52 3.46 0.00	44.89 3.40 0.00	39.59 2.17 0.00
WM_FLOYD_69_KV_BK2 356380	36.35 3.00 -1.72	32.31 2.70 0.00	29.28 2.34 0.00	28.13 2.13 0.00	27.86 2.16 0.00	28.87 2.16 0.00	33.11 2.73 0.00	37.00 3.32 -0.19	39.94 3.47 -0.34	40.79 2.78 -0.46	51.06 3.48 -5.70	56.07 4.10 -8.77	69.13 4.32 -15.15	137.63 4.93 -75.35	276.89 5.90 -206.88	387.54 7.47 -312.74	318.80 8.66 -223.58	303.37 9.08 -199.66	301.35 8.92 -204.11	325.49 7.03 -243.68	231.77 5.21 -165.23	156.76 4.47 -104.23	53.04 4.23 -7.32	48.44 3.63 -7.39
WOODARD___115KV_TB2 355635	31.72 0.09 0.00	29.68 0.06 0.00	26.88 -0.05 0.00	25.84 -0.16 0.00	25.60 -0.10 0.00	26.73 0.03 0.00	30.53 0.15 0.00	33.60 0.10 0.00	36.20 0.07 0.00	37.74 0.19 0.00	42.30 0.42 0.00	43.84 0.65 0.00	50.45 0.79 0.00	58.26 0.92 0.00	65.26 1.15 0.00	68.61 1.28 0.00	87.70 1.13 0.00	95.86 1.23 0.00	89.65 1.32 0.00	75.83 1.05 0.00	62.61 1.29 0.00	48.78 0.72 0.00	41.90 0.41 0.00	37.69 0.26 0.00
YORK___WARBASSE 23770	33.60 1.96 -0.01	31.29 1.66 -0.01	28.58 1.64 0.00	27.74 1.74 -0.01	27.40 1.70 -0.01	28.20 1.50 0.00	32.01 1.64 0.00	35.86 2.18 -0.19	38.89 2.42 -0.34	40.71 2.70 -0.45	45.22 3.31 -0.02	46.44 3.24 0.00	53.08 3.43 0.01	58.18 3.21 2.38	55.17 3.72 12.66	58.22 4.24 13.36	129.94 5.80 -37.56	100.30 5.68 0.01	126.96 5.83 -32.81	85.71 4.56 -6.37	53.88 2.70 10.14	50.94 2.88 0.01	44.89 3.40 0.00	39.44 2.02 0.00