

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/21/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.32	36.50	37.96	25.99	24.99	33.53	83.20	94.39	94.83	30.27	40.58	88.32	68.45	48.31	41.32	38.79	45.61	64.26	112.34	60.42	43.41	46.18	43.92	33.18
24138	2.20	2.35	2.32	1.59	1.46	1.92	4.83	6.34	7.13	2.44	2.58	2.59	2.38	2.56	2.36	2.39	2.73	3.87	7.62	3.81	2.64	2.75	2.72	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	-8.55	-57.20	-37.85	-15.71	-8.06	-6.25	-0.36	-6.20	-3.35	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.34	36.53	38.01	26.02	25.02	33.57	83.32	94.51	94.94	30.29	40.58	96.59	74.63	50.88	42.63	39.79	45.67	65.27	112.94	60.50	43.47	46.27	44.01	33.24
24260	2.23	2.38	2.37	1.62	1.49	1.96	4.95	6.45	7.24	2.45	2.59	2.58	2.38	2.57	2.36	2.37	2.72	3.85	7.67	3.89	2.70	2.85	2.81	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	-8.54	-65.47	-44.03	-18.28	-9.37	-7.27	-0.41	-7.22	-3.90	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.34	36.53	38.01	26.02	25.02	33.57	83.32	94.51	94.94	30.29	40.58	96.59	74.63	50.88	42.63	39.79	45.67	65.27	112.94	60.50	43.47	46.27	44.01	33.24
24261	2.23	2.38	2.37	1.62	1.49	1.96	4.95	6.45	7.24	2.45	2.59	2.58	2.38	2.57	2.36	2.37	2.72	3.85	7.67	3.89	2.70	2.85	2.81	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	-8.54	-65.47	-44.03	-18.28	-9.37	-7.27	-0.41	-7.22	-3.90	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.64	35.81	37.31	25.61	24.74	33.17	82.80	93.85	93.16	29.03	29.89	27.06	27.51	30.30	31.30	30.89	44.21	56.81	107.74	59.99	43.16	45.71	43.36	32.58
24011	1.52	1.66	1.67	1.21	1.21	1.56	4.43	5.43	5.46	1.20	1.00	0.97	0.80	0.90	0.72	0.99	1.70	2.85	6.49	3.38	2.39	2.29	2.16	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.56	2.45	1.51	0.63	0.32	0.25	0.01	0.24	0.13	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.74	35.91	37.40	25.71	24.86	33.35	83.32	94.63	93.89	29.14	29.94	27.09	27.52	30.34	31.31	30.96	44.41	57.16	108.68	60.54	43.57	46.02	43.63	32.73
23798	1.63	1.76	1.76	1.31	1.33	1.74	4.95	6.21	6.19	1.31	1.06	1.00	0.80	0.94	0.73	1.06	1.90	3.20	7.43	3.93	2.80	2.59	2.43	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.56	2.44	1.51	0.63	0.32	0.25	0.01	0.24	0.13	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.64	35.81	37.31	25.61	24.74	33.17	82.80	93.85	93.16	29.03	29.89	27.06	27.51	30.30	31.30	30.89	44.21	56.81	107.74	59.99	43.16	45.71	43.36	32.58
24028	1.52	1.66	1.67	1.21	1.21	1.56	4.43	5.43	5.46	1.20	1.00	0.97	0.80	0.90	0.72	0.99	1.70	2.85	6.49	3.38	2.39	2.29	2.16	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.56	2.45	1.51	0.63	0.32	0.25	0.01	0.24	0.13	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.53	35.68	37.05	25.42	24.53	32.82	81.76	92.42	91.23	28.85	29.61	26.54	27.18	30.07	31.15	30.58	43.18	55.82	105.66	58.65	42.29	45.08	42.89	32.32
23527	1.42	1.53	1.41	1.02	1.00	1.21	3.39	4.10	4.49	1.13	1.01	1.02	0.81	0.92	0.75	0.91	1.20	1.99	4.44	2.03	1.51	1.65	1.70	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.95	0.12	0.85	3.01	1.85	0.88	0.49	0.48	0.54	0.37	0.16	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.66	34.73	36.16	24.82	23.88	31.92	79.18	89.11	88.95	28.17	29.13	26.22	26.80	29.61	30.63	29.96	42.41	53.97	101.91	56.72	40.86	43.56	41.37	31.32
24190	0.54	0.59	0.51	0.42	0.35	0.31	0.81	0.71	1.25	0.33	0.29	0.34	0.22	0.26	0.08	0.08	-0.10	0.03	0.68	0.11	0.08	0.13	0.17	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.60	2.65	1.64	0.68	0.35	0.27	0.02	0.26	0.14	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.93	-12.48	-12.44	-22.94	-22.99	-22.71	-14.70	47.35	28.92	27.93	29.62	28.68	28.33	30.06	31.07	30.29	43.05	54.70	102.05	57.13	41.11	43.78	41.52	31.53
355683	-0.18	-0.06	-0.09	-0.06	-0.02	0.05	0.16	0.21	-0.16	0.10	0.17	0.14	0.11	0.03	0.17	0.14	0.52	0.51	0.67	0.52	0.34	0.36	0.32	0.30
	0.00	46.57	47.99	47.28	46.51	54.36	93.24	42.57	58.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.13	35.32	36.82	25.23	24.36	32.65	81.05	91.26	90.78	28.37	29.65	27.40	27.52	30.01	30.95	30.31	43.07	55.12	104.05	57.98	41.79	44.54	42.29	32.01
323833	1.02	1.17	1.18	0.83	0.82	1.04	2.68	2.91	3.07	0.54	0.48	0.48	0.35	0.42	0.28	0.34	0.55	1.14	2.79	1.37	1.01	1.11	1.09	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.27	1.63	1.06	0.44	0.23	0.18	0.01	0.22	0.12	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.12	35.31	36.81	25.23	24.35	32.63	81.02	91.25	90.73	28.37	29.64	27.38	27.51	30.01	30.95	30.31	43.05	55.11	104.03	57.97	41.77	44.52	42.28	32.00
323834	1.01	1.16	1.17	0.83	0.82	1.02	2.65	2.89	3.03	0.54	0.47	0.48	0.35	0.42	0.28	0.33	0.53	1.13	2.78	1.36	1.00	1.09	1.08	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.28	1.63	1.06	0.44	0.23	0.18	0.01	0.22	0.12	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.66	34.73	36.16	24.82	23.88	31.92	79.18	89.11	88.95	28.17	29.13	26.22	26.80	29.61	30.63	29.96	42.41	53.97	101.91	56.72	40.86	43.56	41.37	31.32
23571	0.54	0.59	0.51	0.42	0.35	0.31	0.81	0.71	1.25	0.33	0.29	0.34	0.22	0.26	0.08	0.08	-0.10	0.03	0.68	0.11	0.08	0.13	0.17	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.60	2.65	1.64	0.68	0.35	0.27	0.02	0.26	0.14	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.66 0.54 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.11 0.71 1.31	88.95 1.25 0.00	28.17 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.22 1.64	29.61 0.26 0.68	30.63 0.08 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.03 0.26	101.91 0.68 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
ALBANY___3 23573	28.66 0.54 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.11 0.71 1.31	88.95 1.25 0.00	28.17 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.22 1.64	29.61 0.26 0.68	30.63 0.08 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.03 0.26	101.91 0.68 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
ALBANY___4 23574	28.66 0.54 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.11 0.71 1.31	88.95 1.25 0.00	28.17 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.22 1.64	29.61 0.26 0.68	30.63 0.08 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.03 0.26	101.91 0.68 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
ALBANY___LFGE 323615	28.97 0.86 0.00	35.10 0.96 0.00	36.53 0.89 0.00	25.06 0.66 0.00	24.12 0.60 0.00	32.27 0.66 0.00	80.12 1.75 0.00	90.23 1.83 1.31	90.09 2.39 0.00	28.49 0.66 0.00	29.48 0.64 0.61	26.52 0.66 2.67	27.10 0.53 1.65	29.95 0.61 0.69	30.99 0.44 0.35	30.34 0.46 0.27	42.99 0.48 0.02	54.73 0.79 0.26	103.28 2.05 0.14	57.49 0.88 0.00	41.44 0.67 0.00	44.12 0.69 0.00	41.88 0.68 0.00	31.68 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	28.05 -0.06 0.00	-12.33 0.10 46.57	-12.29 0.06 47.99	-22.85 0.04 47.28	-22.90 0.08 46.51	-22.57 0.18 54.36	-14.32 0.54 93.24	47.77 0.62 42.57	29.27 0.19 58.62	28.01 0.17 0.00	29.73 0.28 0.00	28.75 0.22 0.00	28.41 0.19 0.00	30.16 0.14 0.00	31.21 0.31 0.00	30.43 0.28 0.00	43.25 0.72 0.00	54.93 0.74 0.00	102.45 1.08 0.00	57.35 0.74 0.00	41.30 0.53 0.00	44.00 0.57 0.00	41.69 0.49 0.00	31.67 0.43 0.00
ALCOA_RYNLDS___DRP 24188	28.05 -0.06 0.00	-12.33 0.10 46.57	-12.29 0.06 47.99	-22.85 0.04 47.28	-22.90 0.08 46.51	-22.57 0.18 54.36	-14.32 0.54 93.24	47.77 0.62 42.57	29.27 0.19 58.62	28.01 0.17 0.00	29.73 0.28 0.00	28.75 0.22 0.00	28.41 0.19 0.00	30.16 0.14 0.00	31.21 0.31 0.00	30.43 0.28 0.00	43.25 0.72 0.00	54.93 0.74 0.00	102.45 1.08 0.00	57.35 0.74 0.00	41.30 0.53 0.00	44.00 0.57 0.00	41.69 0.49 0.00	31.67 0.43 0.00
ALCOA___DSASP 323711	28.05 -0.06 0.00	-12.34 0.09 46.57	-12.30 0.05 47.99	-22.86 0.03 47.28	-22.90 0.07 46.51	-22.57 0.18 54.36	-14.33 0.54 93.24	47.77 0.62 42.57	29.27 0.19 58.62	28.01 0.17 0.00	29.73 0.28 0.00	28.75 0.21 0.00	28.41 0.19 0.00	30.16 0.14 0.00	31.21 0.31 0.00	30.43 0.28 0.00	43.25 0.72 0.00	54.93 0.74 0.00	102.45 1.08 0.00	57.35 0.74 0.00	41.30 0.53 0.00	44.00 0.57 0.00	41.70 0.49 0.00	31.67 0.43 0.00
ALLEGHENY___COGEN 23514	29.08 0.97 0.00	35.08 0.94 0.00	36.69 1.05 0.00	25.00 0.60 0.00	23.99 0.46 0.00	32.53 0.92 0.00	80.42 2.00 -0.05	85.15 1.22 5.77	90.64 2.08 -0.86	28.02 -0.11 -0.30	29.60 -0.20 -0.35	30.02 -0.12 -1.60	30.11 0.62 -1.27	31.41 1.13 -0.25	31.84 0.94 0.00	30.15 0.00 0.00	42.11 -0.42 0.00	55.04 0.84 0.00	103.74 2.37 0.00	58.46 1.85 0.00	41.93 1.16 0.00	44.58 1.15 0.00	42.45 1.25 0.00	32.37 1.14 0.00
ALTAMONT_115KV_TB 2 55880	28.85 0.74 0.00	34.95 0.80 0.00	36.46 0.82 0.00	24.98 0.58 0.00	24.07 0.54 0.00	32.20 0.60 0.00	79.93 1.55 0.00	90.21 1.80 1.30	89.92 2.21 0.00	28.49 0.65 0.00	29.49 0.62 0.57	26.63 0.65 2.56	27.19 0.55 1.58	29.99 0.62 0.66	31.02 0.46 0.34	30.36 0.47 0.26	42.93 0.41 0.01	54.62 0.68 0.25	103.06 1.83 0.14	57.42 0.81 0.00	41.37 0.60 0.00	44.13 0.70 0.00	41.91 0.71 0.00	31.70 0.47 0.00
ALTONA_WT_PWR 323606	-23.78 -2.08 49.82	-25.72 -1.90 57.96	-24.71 -2.03 58.32	-24.28 -1.40 47.28	-24.19 -1.22 46.51	-24.37 -1.62 54.36	-24.96 -3.34 100.00	-25.77 -3.89 111.58	14.53 -4.18 69.00	27.18 -0.65 0.00	29.79 0.34 0.00	28.47 -0.07 0.00	28.35 0.13 0.00	30.43 0.40 0.00	31.56 0.66 0.00	30.49 0.34 0.00	42.72 0.19 0.00	54.01 -0.19 0.00	100.66 -0.71 0.00	55.83 -0.78 0.00	40.17 -0.60 0.00	43.09 -0.34 0.00	41.73 0.53 0.00	31.75 0.52 0.00
AMERICAN_REF_FUEL 24010	26.70 -0.63 0.79	32.17 -1.11 0.87	33.51 -1.20 0.94	22.54 -1.06 0.79	21.49 -1.20 0.84	18.57 -1.30 11.74	71.49 -5.34 1.54	70.68 -9.31 9.72	78.24 -7.02 2.44	25.71 -1.28 0.85	28.98 -0.74 -0.28	27.81 -0.77 -0.04	27.46 0.12 0.88	29.43 0.00 0.59	29.67 -0.50 0.72	28.02 -1.00 1.13	40.67 -1.86 0.00	50.45 -3.75 0.00	92.64 -8.73 0.00	52.58 -4.03 0.00	37.91 -2.87 0.00	40.79 -2.63 0.00	39.12 -2.08 0.00	30.24 -1.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.27 0.20 1.04	32.63 -0.36 1.16	33.75 -0.65 1.25	22.30 -1.04 1.05	21.18 -1.24 1.12	14.64 -1.39 15.58	71.04 -5.30 2.03	53.54 -8.59 27.59	66.45 -6.41 14.84	25.29 -1.45 1.10	29.14 -0.62 -0.31	28.11 -0.44 -0.02	27.24 0.17 1.15	29.33 0.10 0.79	29.61 -0.28 1.01	27.75 -0.82 1.58	40.91 -1.62 0.00	52.23 -1.96 0.00	96.63 -4.74 0.00	54.02 -2.59 0.00	38.37 -2.40 0.00	41.13 -2.30 0.00	40.00 -1.20 0.00	30.85 -0.38 0.00
ARTHUR KILL_GT_1 23520	30.32 2.21 0.00	36.49 2.35 0.00	37.98 2.34 0.00	26.01 1.61 0.00	25.00 1.47 0.00	33.52 1.91 0.00	83.01 4.63 0.00	94.19 6.13 1.65	94.54 6.84 0.00	30.21 2.38 0.00	40.42 2.43 -8.54	96.39 2.39 -65.47	74.10 1.85 -44.03	50.39 2.08 -18.28	42.27 2.00 -9.37	39.36 1.94 -7.27	45.10 2.16 -0.41	64.74 3.33 -7.22	111.89 6.62 -3.90	60.39 3.78 0.00	43.36 2.59 0.00	46.16 2.73 0.00	43.99 2.79 0.00	33.33 2.10 0.00
ARTHUR_KILL_2 23512	30.24 2.13 0.00	36.42 2.27 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.44 1.83 0.00	82.78 4.41 0.00	93.91 5.85 1.65	94.31 6.61 0.00	30.14 2.30 0.00	40.37 2.38 -8.54	96.33 2.33 -65.47	74.03 1.78 -44.03	50.32 2.01 -18.28	42.20 1.93 -9.37	39.32 1.90 -7.27	45.08 2.14 -0.41	64.58 3.16 -7.22	111.56 6.29 -3.90	60.22 3.61 0.00	43.23 2.46 0.00	46.03 2.60 0.00	43.87 2.67 0.00	33.24 2.01 0.00
ARTHUR_KILL_3 23513	30.09 1.98 0.00	36.24 2.10 0.00	37.69 2.05 0.00	25.81 1.42 0.00	24.82 1.29 0.00	33.28 1.67 0.00	82.62 4.24 0.00	93.67 5.62 1.65	94.08 6.38 0.00	29.99 2.16 0.00	40.28 2.28 -8.54	92.37 2.28 -61.55	71.43 2.11 -41.11	49.37 2.27 -17.07	41.72 2.07 -8.75	39.01 2.07 -6.79	45.18 2.26 -0.39	64.28 3.35 -6.74	111.79 6.78 -3.64	59.91 3.30 0.00	43.04 2.26 0.00	45.82 2.39 0.00	43.58 2.39 0.00	32.93 1.70 0.00

ARTHUR_KILL_COGEN 323718	30.32 2.20 0.00	36.50 2.35 0.00	37.98 2.34 0.00	26.01 1.61 0.00	25.00 1.47 0.00	33.52 1.91 0.00	83.01 4.64 0.00	94.18 6.12 1.65	94.54 6.84 0.00	30.20 2.37 0.00	40.44 2.45 -8.54	96.39 2.39 -65.47	74.09 1.84 -44.03	50.38 2.07 -18.28	42.27 2.00 -9.37	39.39 1.97 -7.27	45.19 2.25 -0.41	64.73 3.32 -7.22	111.86 6.60 -3.90	60.39 3.78 0.00	43.36 2.59 0.00	46.15 2.73 0.00	43.99 2.80 0.00	33.33 2.09 0.00
ASHOKAN____ 23654	29.42 1.30 0.00	35.52 1.37 0.00	36.98 1.34 0.00	25.33 0.93 0.00	24.51 0.98 0.00	32.96 1.34 0.00	81.88 3.51 0.00	92.82 4.60 1.48	92.68 4.98 0.00	29.04 1.21 0.00	30.82 0.78 -0.59	29.69 0.71 -0.45	28.69 0.46 0.00	30.55 0.52 0.00	31.27 0.37 0.00	30.71 0.56 0.00	43.39 0.86 0.00	55.76 1.56 0.00	105.19 3.82 0.00	58.93 2.32 0.00	42.42 1.65 0.00	45.13 1.71 0.00	42.78 1.58 0.00	32.24 1.01 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.25 2.14 0.00	36.41 2.27 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.15 6.09 1.65	94.65 6.95 0.00	30.15 2.31 0.00	40.36 2.37 -8.54	92.40 2.32 -61.55	72.56 1.90 -42.44	50.35 2.05 -18.27	41.92 1.93 -9.09	39.02 1.95 -6.92	45.07 2.15 -0.39	64.08 3.01 -6.88	111.42 6.16 -3.90	60.09 3.48 0.00	43.11 2.34 0.00	45.85 2.43 0.00	43.62 2.43 0.00	32.88 1.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.24 2.13 0.00	36.40 2.26 0.00	37.86 2.22 0.00	25.95 1.55 0.00	24.94 1.41 0.00	33.44 1.83 0.00	83.00 4.62 0.00	94.10 6.05 1.65	94.64 6.94 0.00	30.14 2.30 0.00	40.35 2.36 -8.54	92.38 2.29 -61.55	72.55 1.89 -42.44	50.34 2.04 -18.27	41.91 1.92 -9.09	39.01 1.94 -6.92	45.07 2.15 -0.39	64.08 3.01 -6.88	111.42 6.16 -3.90	60.09 3.48 0.00	43.11 2.34 0.00	45.85 2.43 0.00	43.62 2.43 0.00	32.88 1.65 0.00
ASTORIA_GT2_1 24094	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT2_2 24095	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT2_3 24096	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT2_4 24097	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT3_1 24098	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT3_2 24099	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT3_3 24100	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT3_4 24101	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT4_1 24102	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT4_2 24103	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT4_3 24104	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00

ASTORIA_GT4_4 24105	30.26 2.15 0.00	36.41 2.26 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.13 6.08 1.65	94.66 6.95 0.00	30.15 2.32 0.00	40.35 2.36 -8.54	92.42 2.34 -61.55	72.65 1.99 -42.44	50.47 2.16 -18.28	41.98 1.98 -9.10	39.07 2.00 -6.92	45.07 2.15 -0.40	64.23 3.16 -6.88	111.66 6.39 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.44 0.00	32.89 1.66 0.00
ASTORIA_GT_1 23523	30.31 2.20 0.00	36.46 2.32 0.00	37.93 2.29 0.00	25.99 1.59 0.00	24.98 1.45 0.00	33.50 1.89 0.00	83.17 4.80 0.00	94.30 6.25 1.65	94.83 7.13 0.00	30.21 2.38 0.00	40.41 2.42 -8.54	92.49 2.40 -61.55	72.71 2.05 -42.44	50.53 2.22 -18.28	42.04 2.04 -9.10	39.14 2.07 -6.92	45.16 2.24 -0.40	64.34 3.27 -6.88	111.86 6.59 -3.90	60.23 3.61 0.00	43.22 2.45 0.00	45.95 2.53 0.00	43.72 2.52 0.00	32.95 1.71 0.00
ASTORIA_GT_10 24110	30.24 2.13 0.00	36.40 2.26 0.00	37.87 2.23 0.00	25.93 1.54 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.92 1.65	94.45 6.75 0.00	30.15 2.32 0.00	40.41 2.42 -8.54	96.42 2.42 -65.47	74.35 2.10 -44.03	50.58 2.27 -18.28	42.37 2.10 -9.37	39.54 2.12 -7.27	45.31 2.37 -0.41	64.81 3.39 -7.22	112.04 6.77 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
ASTORIA_GT_11 24225	30.24 2.13 0.00	36.40 2.26 0.00	37.87 2.23 0.00	25.93 1.54 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.92 1.65	94.45 6.75 0.00	30.15 2.32 0.00	40.41 2.42 -8.54	96.42 2.42 -65.47	74.35 2.10 -44.03	50.58 2.27 -18.28	42.37 2.10 -9.37	39.54 2.12 -7.27	45.31 2.37 -0.41	64.81 3.39 -7.22	112.04 6.77 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
ASTORIA_GT_12 24226	30.24 2.13 0.00	36.40 2.26 0.00	37.87 2.23 0.00	25.93 1.54 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.92 1.65	94.45 6.75 0.00	30.15 2.32 0.00	40.41 2.42 -8.54	96.42 2.42 -65.47	74.35 2.10 -44.03	50.58 2.27 -18.28	42.37 2.10 -9.37	39.54 2.12 -7.27	45.31 2.37 -0.41	64.81 3.39 -7.22	112.04 6.77 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
ASTORIA_GT_13 24227	30.24 2.13 0.00	36.40 2.26 0.00	37.87 2.23 0.00	25.93 1.54 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.92 1.65	94.45 6.75 0.00	30.15 2.32 0.00	40.41 2.42 -8.54	96.42 2.42 -65.47	74.35 2.10 -44.03	50.58 2.27 -18.28	42.37 2.10 -9.37	39.54 2.12 -7.27	45.31 2.37 -0.41	64.81 3.39 -7.22	112.04 6.77 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
ASTORIA_GT_5 24106	30.31 2.20 0.00	36.46 2.32 0.00	37.93 2.29 0.00	25.99 1.59 0.00	24.98 1.45 0.00	33.50 1.89 0.00	83.17 4.80 0.00	94.30 6.25 1.65	94.83 7.13 0.00	30.21 2.38 0.00	40.41 2.42 -8.54	92.49 2.40 -61.55	72.71 2.05 -42.44	50.53 2.22 -18.28	42.04 2.04 -9.10	39.14 2.07 -6.92	45.16 2.24 -0.40	64.34 3.27 -6.88	111.86 6.59 -3.90	60.23 3.61 0.00	43.22 2.45 0.00	45.95 2.53 0.00	43.72 2.52 0.00	32.95 1.71 0.00
ASTORIA_GT_7 24107	30.31 2.20 0.00	36.46 2.32 0.00	37.93 2.29 0.00	25.99 1.59 0.00	24.98 1.45 0.00	33.50 1.89 0.00	83.17 4.80 0.00	94.30 6.25 1.65	94.83 7.13 0.00	30.21 2.38 0.00	40.41 2.42 -8.54	92.49 2.40 -61.55	72.71 2.05 -42.44	50.53 2.22 -18.28	42.04 2.04 -9.10	39.14 2.07 -6.92	45.16 2.24 -0.40	64.34 3.27 -6.88	111.86 6.59 -3.90	60.23 3.61 0.00	43.22 2.45 0.00	45.95 2.53 0.00	43.72 2.52 0.00	32.95 1.71 0.00
ASTORIA_GT_8 24108	30.31 2.20 0.00	36.46 2.32 0.00	37.93 2.29 0.00	25.99 1.59 0.00	24.98 1.45 0.00	33.50 1.89 0.00	83.17 4.80 0.00	94.30 6.25 1.65	94.83 7.13 0.00	30.21 2.38 0.00	40.41 2.42 -8.54	92.49 2.40 -61.55	72.71 2.05 -42.44	50.53 2.22 -18.28	42.04 2.04 -9.10	39.14 2.07 -6.92	45.16 2.24 -0.40	64.34 3.27 -6.88	111.86 6.59 -3.90	60.23 3.61 0.00	43.22 2.45 0.00	45.95 2.53 0.00	43.72 2.52 0.00	32.95 1.71 0.00
ASTORIA___2 24149	30.25 2.14 0.00	36.41 2.27 0.00	37.88 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.02 4.65 0.00	94.15 6.09 1.65	94.65 6.95 0.00	30.15 2.31 0.00	40.36 2.37 -8.54	92.40 2.32 -61.55	72.56 1.90 -42.44	50.35 2.05 -18.27	41.92 1.93 -9.09	39.02 1.95 -6.92	45.10 2.18 -0.39	64.12 3.05 -6.88	111.46 6.20 -3.90	60.11 3.50 0.00	43.14 2.37 0.00	45.87 2.44 0.00	43.64 2.45 0.00	32.89 1.66 0.00
ASTORIA___3 23516	30.24 2.13 0.00	36.41 2.26 0.00	37.88 2.23 0.00	25.94 1.55 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.91 1.65	94.45 6.75 0.00	30.15 2.31 0.00	40.42 2.43 -8.54	96.41 2.41 -65.47	74.33 2.09 -44.03	50.56 2.25 -18.28	42.36 2.09 -9.37	39.53 2.11 -7.27	45.33 2.39 -0.41	64.79 3.37 -7.22	112.00 6.72 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
ASTORIA___4 23517	30.24 2.13 0.00	36.40 2.26 0.00	37.87 2.23 0.00	25.93 1.54 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.92 1.65	94.45 6.75 0.00	30.15 2.32 0.00	40.41 2.42 -8.54	96.42 2.42 -65.47	74.35 2.10 -44.03	50.58 2.27 -18.28	42.37 2.10 -9.37	39.54 2.12 -7.27	45.31 2.37 -0.41	64.81 3.39 -7.22	112.04 6.77 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
ASTORIA___5 23518	30.24 2.13 0.00	36.41 2.26 0.00	37.88 2.23 0.00	25.94 1.55 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.91 4.54 0.00	93.96 5.91 1.65	94.45 6.75 0.00	30.15 2.31 0.00	40.42 2.43 -8.54	96.41 2.41 -65.47	74.33 2.09 -44.03	50.56 2.25 -18.28	42.36 2.09 -9.37	39.53 2.11 -7.27	45.33 2.39 -0.41	64.79 3.37 -7.22	112.00 6.72 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.11 1.88 0.00
AST_ENERGY_2_CC3 323677	30.05 1.94 0.00	36.17 2.03 0.00	37.63 1.99 0.00	25.79 1.39 0.00	24.79 1.26 0.00	33.23 1.62 0.00	82.49 4.11 0.00	93.54 5.49 1.65	94.06 6.36 0.00	29.96 2.13 0.00	40.15 2.16 -8.54	92.20 2.11 -61.55	72.32 1.66 -42.44	50.14 1.84 -18.27	41.70 1.71 -9.09	38.81 1.75 -6.92	44.80 1.89 -0.39	63.75 2.68 -6.88	110.79 5.52 -3.90	59.72 3.11 0.00	42.86 2.09 0.00	45.58 2.15 0.00	43.36 2.16 0.00	32.68 1.45 0.00
AST_ENERGY_2_CC4 323678	30.05 1.94 0.00	36.17 2.03 0.00	37.63 1.99 0.00	25.79 1.39 0.00	24.79 1.26 0.00	33.23 1.62 0.00	82.49 4.11 0.00	93.54 5.49 1.65	94.06 6.36 0.00	29.96 2.13 0.00	40.15 2.16 -8.54	92.20 2.11 -61.55	72.32 1.66 -42.44	50.14 1.84 -18.27	41.70 1.71 -9.09	38.81 1.75 -6.92	44.80 1.89 -0.39	63.75 2.68 -6.88	110.79 5.52 -3.90	59.72 3.11 0.00	42.86 2.09 0.00	45.58 2.15 0.00	43.36 2.16 0.00	32.68 1.45 0.00

ATHENS_STG_1 23668	29.13 1.01 0.00	35.22 1.08 0.00	36.79 1.14 0.00	25.19 0.79 0.00	24.27 0.74 0.00	32.46 0.85 0.00	80.48 2.10 0.00	90.91 2.68 1.48	90.87 3.17 0.00	28.84 1.01 0.00	29.62 1.03 0.85	25.71 1.06 3.89	26.75 0.95 2.42	30.06 1.04 1.00	31.25 0.86 0.51	30.64 0.88 0.40	43.41 0.90 0.02	55.10 1.31 0.40	104.10 2.94 0.22	58.00 1.39 0.00	41.79 1.02 0.00	44.58 1.15 0.00	42.36 1.16 0.00	32.02 0.79 0.00
ATHENS_STG_2 23670	29.13 1.01 0.00	35.22 1.08 0.00	36.79 1.14 0.00	25.19 0.79 0.00	24.27 0.74 0.00	32.46 0.85 0.00	80.48 2.10 0.00	90.91 2.68 1.48	90.87 3.17 0.00	28.84 1.01 0.00	29.62 1.03 0.85	25.71 1.06 3.89	26.75 0.95 2.42	30.06 1.04 1.00	31.25 0.86 0.51	30.64 0.88 0.40	43.41 0.90 0.02	55.10 1.31 0.40	104.10 2.94 0.22	58.00 1.39 0.00	41.79 1.02 0.00	44.58 1.15 0.00	42.36 1.16 0.00	32.02 0.79 0.00
ATHENS_STG_3 23677	29.13 1.01 0.00	35.22 1.08 0.00	36.79 1.14 0.00	25.19 0.79 0.00	24.27 0.74 0.00	32.46 0.85 0.00	80.48 2.10 0.00	90.91 2.68 1.48	90.87 3.17 0.00	28.84 1.01 0.00	29.62 1.03 0.85	25.71 1.06 3.89	26.75 0.95 2.42	30.06 1.04 1.00	31.25 0.86 0.51	30.64 0.88 0.40	43.41 0.90 0.02	55.10 1.31 0.40	104.10 2.94 0.22	58.00 1.39 0.00	41.79 1.02 0.00	44.58 1.15 0.00	42.36 1.16 0.00	32.02 0.79 0.00
AUBURN___LFGE 323710	28.24 0.12 0.00	34.24 0.10 0.00	35.79 0.15 0.00	24.39 -0.01 0.00	23.59 0.06 0.00	31.69 0.08 0.00	78.73 0.35 0.00	84.70 0.01 5.02	88.14 0.44 0.00	27.81 -0.03 0.00	29.57 -0.12 -0.25	28.62 -0.10 -0.19	28.17 -0.05 0.00	30.44 0.42 0.00	31.29 0.39 0.00	30.43 0.28 0.00	42.62 0.09 0.00	54.37 0.17 0.00	101.49 0.12 0.00	56.77 0.16 0.00	40.92 0.14 0.00	43.55 0.12 0.00	41.34 0.14 0.00	31.25 0.02 0.00
BABYLON_RES_REC 323704	30.11 2.00 0.00	36.16 2.02 0.00	37.59 1.95 0.00	25.77 1.38 0.00	24.67 1.14 0.00	32.62 1.26 0.24	80.92 3.21 0.67	88.33 4.78 6.15	74.26 5.63 19.08	27.74 1.92 2.02	37.49 2.02 -6.02	-1.03 2.15 31.72	14.30 2.08 16.01	37.23 2.25 -4.96	39.08 2.00 -6.18	34.61 1.83 -2.63	34.57 1.57 9.54	60.48 2.65 -3.63	93.69 4.58 12.26	56.75 2.03 1.89	41.32 1.85 1.30	44.15 2.20 1.47	42.19 2.18 1.19	32.73 1.50 0.00
BALL_HILL_WT_PWR 323825	27.20 0.08 0.99	32.76 -0.29 1.10	34.08 -0.38 1.18	22.84 -0.57 1.00	21.72 -0.76 1.06	16.12 -0.74 14.75	72.93 -3.51 1.93	70.62 -6.78 12.30	78.75 -4.62 4.33	25.96 -0.84 1.03	29.44 -0.31 -0.30	28.33 -0.23 -0.02	27.62 0.47 1.07	29.71 0.42 0.73	29.97 -0.01 0.92	28.21 -0.50 1.44	41.23 -1.30 0.00	52.15 -2.05 0.00	96.25 -5.12 0.00	54.18 -2.43 0.00	38.81 -1.96 0.00	41.62 -1.81 0.00	40.12 -1.08 0.00	30.88 -0.35 0.00
BARON_WINDS___WT_PWR 323822	28.27 -0.29 -0.44	34.20 -0.44 -0.49	35.85 -0.32 -0.53	24.56 -0.29 -0.45	23.52 -0.49 -0.47	37.62 -0.58 -6.60	77.48 -1.85 -0.96	83.03 -3.03 3.65	77.29 -2.07 8.34	-23.06 -0.98 49.91	-23.02 -1.05 51.42	-22.99 -0.98 50.54	13.55 -0.71 13.96	28.73 -0.02 1.27	31.37 -0.20 -0.68	30.19 -0.82 -0.86	40.84 -1.70 -0.01	52.65 -1.73 -0.18	98.38 -3.09 -0.10	55.20 -1.41 0.00	39.62 -1.15 0.00	42.18 -1.24 0.00	40.53 -0.67 0.00	30.99 -0.24 0.00
BARRETT_IC_1 23704	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_10 23701	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_11 23702	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_12 23703	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_2 23705	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_3 23706	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_4 23707	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_5 23708	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00

BARRETT_IC_6 23709	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_7 23710	30.01 1.89 0.00	36.07 1.92 0.00	37.50 1.85 0.00	25.70 1.31 0.00	24.62 1.08 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.23 4.02 1.50	94.70 5.07 -1.93	29.87 1.80 -0.24	40.24 1.97 -8.82	-1.22 2.17 31.93	13.60 2.08 16.71	38.44 2.19 -6.22	40.27 1.93 -7.43	37.57 1.93 -5.50	44.96 1.68 -0.76	62.64 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.05 0.00	45.49 2.07 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_8 23711	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT_IC_9 23700	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT___1 23545	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BARRETT___2 23546	30.00 1.88 0.00	36.07 1.92 0.00	37.50 1.86 0.00	25.70 1.31 0.00	24.62 1.09 0.00	32.79 1.18 0.00	80.93 2.56 0.00	92.22 4.01 1.50	94.68 5.05 -1.93	29.88 1.81 -0.24	40.21 1.94 -8.82	-1.23 2.16 31.93	13.57 2.06 16.71	38.40 2.15 -6.22	40.23 1.90 -7.43	37.54 1.89 -5.50	44.95 1.67 -0.76	62.65 2.77 -5.68	95.16 5.25 11.46	59.08 2.46 -0.01	42.82 2.04 0.00	45.49 2.06 0.00	43.29 2.09 0.00	32.71 1.48 0.00
BATAVIA___115KV_TB1 55881	28.51 0.40 0.00	34.28 0.13 0.00	35.73 0.09 0.00	24.27 -0.13 0.00	23.28 -0.25 0.00	31.61 0.00 0.00	77.03 -1.35 0.00	78.86 -3.89 6.96	85.70 -2.00 0.00	27.63 -0.21 0.00	29.78 0.08 -0.25	28.93 0.20 -0.19	29.46 1.24 0.00	31.14 1.11 0.00	31.27 0.37 0.00	30.09 -0.06 0.00	42.28 -0.24 0.00	53.15 -1.05 0.00	98.63 -2.74 0.00	55.81 -0.80 0.00	40.11 -0.66 0.00	42.95 -0.47 0.00	40.96 -0.24 0.00	31.45 0.22 0.00
BAYONEEC___CTG1 323682	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG10 323750	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG2 323683	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG3 323684	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG4 323685	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG5 323686	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG6 323687	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG7 323688	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00

BAYONEEC___CTG8 323689	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BAYONEEC___CTG9 323749	30.17 2.05 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.84 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.36 2.37 -8.54	92.45 2.36 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.15 -6.79	45.31 2.40 -0.39	64.42 3.48 -6.74	112.02 7.01 -3.64	60.07 3.46 0.00	43.17 2.39 0.00	45.95 2.53 0.00	43.71 2.52 0.00	33.03 1.79 0.00
BEACON___LESR 323632	29.12 1.01 0.00	35.21 1.06 0.00	36.70 1.06 0.00	25.12 0.72 0.00	24.21 0.68 0.00	32.48 0.87 0.00	80.74 2.36 0.00	90.95 2.55 1.31	90.73 3.02 0.00	28.66 0.82 0.00	29.61 0.76 0.61	26.63 0.76 2.67	27.17 0.60 1.65	30.03 0.69 0.69	31.04 0.50 0.35	30.44 0.56 0.27	43.23 0.72 0.02	55.01 1.07 0.26	103.86 2.63 0.14	57.73 1.12 0.00	41.52 0.75 0.00	44.23 0.80 0.00	42.04 0.85 0.00	31.78 0.55 0.00
BEAVER RIVER___HYD 24048	27.78 -0.33 0.00	34.00 -0.14 0.00	36.07 -0.21 -0.64	24.23 -0.17 0.00	23.29 -0.24 0.00	31.76 0.15 0.00	80.36 1.57 -0.42	97.17 3.14 -4.33	91.56 3.21 -0.65	28.33 0.49 0.00	29.40 -0.05 0.00	28.34 -0.20 0.00	27.90 -0.32 0.00	30.23 0.20 0.00	31.46 0.56 0.00	30.92 0.77 0.00	43.24 0.71 0.00	55.61 1.42 0.00	103.68 2.30 0.00	57.84 1.23 0.00	41.82 1.05 0.00	44.68 1.25 0.00	41.54 0.34 0.00	31.22 -0.01 0.00
BEEBEE_GT_13 23619	28.17 0.06 0.00	33.98 -0.16 0.00	35.44 -0.20 0.00	24.14 -0.26 0.00	23.21 -0.32 0.00	31.38 -0.23 0.00	77.15 -1.23 0.00	79.91 -2.77 7.02	86.14 -1.56 0.00	27.57 -0.26 0.00	29.55 -0.11 -0.21	28.67 -0.03 -0.16	28.77 0.55 0.00	30.63 0.61 0.00	31.21 0.31 0.00	30.14 -0.01 0.00	42.27 -0.25 0.00	53.54 -0.66 0.00	99.51 -1.86 0.00	55.96 -0.65 0.00	40.26 -0.51 0.00	42.93 -0.49 0.00	40.81 -0.39 0.00	31.14 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.40 2.29 0.00	36.57 2.43 0.00	38.03 2.39 0.00	26.05 1.65 0.00	25.05 1.51 0.00	33.59 1.99 0.00	83.36 4.99 0.00	94.66 6.61 1.65	95.09 7.39 0.00	30.33 2.49 0.00	40.60 2.61 -8.54	96.58 2.58 -65.47	74.41 2.16 -44.03	50.68 2.37 -18.28	42.49 2.22 -9.37	39.62 2.20 -7.27	45.49 2.55 -0.41	65.13 3.71 -7.22	112.62 7.35 -3.90	60.64 4.03 0.00	43.55 2.78 0.00	46.37 2.94 0.00	44.13 2.93 0.00	33.35 2.12 0.00
BETHLEHEM___GRP 23843	28.66 0.54 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.11 0.71 1.31	88.95 1.25 0.00	28.17 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.22 1.64	29.61 0.26 0.68	30.63 0.08 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.03 0.26	101.91 0.68 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
BETHLEHEM___GS1 323560	28.66 0.55 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.10 0.69 1.31	88.95 1.25 0.00	28.16 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.21 1.64	29.60 0.26 0.68	30.64 0.09 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.04 0.26	101.92 0.69 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
BETHLEHEM___GS2 323561	28.66 0.55 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.10 0.69 1.31	88.95 1.25 0.00	28.16 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.21 1.64	29.60 0.26 0.68	30.64 0.09 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.04 0.26	101.92 0.69 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
BETHLEHEM___GS3 323562	28.66 0.55 0.00	34.73 0.59 0.00	36.16 0.51 0.00	24.82 0.42 0.00	23.88 0.35 0.00	31.92 0.31 0.00	79.18 0.81 0.00	89.10 0.69 1.31	88.95 1.25 0.00	28.16 0.33 0.00	29.13 0.29 0.60	26.22 0.34 2.65	26.80 0.21 1.64	29.60 0.26 0.68	30.64 0.09 0.35	29.96 0.08 0.27	42.41 -0.10 0.02	53.97 0.04 0.26	101.92 0.69 0.14	56.72 0.11 0.00	40.86 0.08 0.00	43.56 0.13 0.00	41.37 0.17 0.00	31.32 0.09 0.00
BETHLEHEM___STEEL 23779	28.14 0.03 0.00	33.84 -0.30 0.00	35.31 -0.33 0.00	23.93 -0.47 0.00	22.86 -0.67 0.00	31.00 -0.61 0.00	75.21 -3.17 0.00	75.93 -6.75 7.03	83.18 -4.52 0.00	27.14 -0.69 0.00	29.48 -0.26 -0.29	28.53 -0.23 -0.22	28.84 0.62 0.00	30.57 0.54 0.00	31.00 0.10 0.00	29.75 -0.40 0.00	41.37 -1.16 0.00	52.06 -2.14 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.99 -1.78 0.00	41.81 -1.61 0.00	40.14 -1.06 0.00	30.91 -0.32 0.00
BETHLHEM_115KV_TB1 79974	28.71 0.59 0.00	34.79 0.64 0.00	36.24 0.59 0.00	24.86 0.46 0.00	23.93 0.40 0.00	32.00 0.39 0.00	79.41 1.03 0.00	89.40 1.00 1.31	89.21 1.51 0.00	28.26 0.42 0.00	29.22 0.38 0.60	26.32 0.42 2.64	26.89 0.30 1.63	29.70 0.35 0.68	30.73 0.18 0.35	30.06 0.18 0.27	42.55 0.04 0.02	54.13 0.19 0.26	102.21 0.98 0.14	56.91 0.29 0.00	40.98 0.20 0.00	43.70 0.27 0.00	41.51 0.31 0.00	31.42 0.19 0.00
BETHPAGE_CC_5 323564	30.05 1.93 0.00	36.11 1.97 0.00	37.52 1.88 0.00	25.72 1.33 0.00	24.62 1.09 0.00	32.81 1.20 0.00	81.43 3.06 0.01	91.45 4.58 2.83	78.44 5.47 14.73	27.89 1.88 1.82	37.72 1.97 -6.30	-0.77 2.13 31.44	15.28 2.07 15.01	38.66 2.24 -6.40	40.15 1.99 -7.25	35.74 1.99 -3.60	35.96 1.86 8.42	63.45 3.01 -6.25	99.03 5.67 8.00	59.26 2.64 -0.01	42.79 2.02 0.00	45.49 2.07 0.00	43.30 2.10 0.00	32.67 1.44 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.20 0.08 0.00	33.91 -0.24 0.00	35.38 -0.26 0.00	23.98 -0.42 0.00	22.90 -0.63 0.00	31.06 -0.55 0.00	75.43 -2.94 0.00	76.36 -6.47 6.88	83.44 -4.26 0.00	27.21 -0.62 0.00	29.54 -0.20 -0.30	28.59 -0.17 -0.23	28.90 0.67 0.00	30.63 0.61 0.00	31.06 0.17 0.00	29.82 -0.34 0.00	41.45 -1.08 0.00	52.20 -2.00 0.00	96.18 -5.19 0.00	54.40 -2.22 0.00	39.07 -1.70 0.00	41.88 -1.55 0.00	40.21 -0.99 0.00	30.95 -0.28 0.00
BINGHAMTON___COGEN 23790	28.50 0.39 0.00	34.45 0.30 0.00	36.02 0.38 0.00	24.64 0.24 0.00	23.70 0.17 0.00	31.92 0.31 0.00	79.03 0.66 0.00	83.96 0.34 6.10	88.69 0.99 0.00	28.07 0.24 0.00	30.33 0.28 -0.60	31.50 0.30 -2.66	30.27 0.40 -1.65	31.34 0.63 -0.68	31.79 0.55 -0.35	30.82 0.40 -0.27	42.69 0.15 -0.02	54.71 0.25 -0.26	101.62 0.11 -0.14	56.70 0.09 0.00	40.86 0.08 0.00	43.49 0.07 0.00	41.48 0.28 0.00	31.47 0.23 0.00

BIXINCNT_115KV_LOAD 355685	28.51 0.39 0.00	34.17 0.02 0.00	35.79 0.15 0.00	24.24 -0.16 0.00	23.06 -0.47 0.00	31.31 -0.30 0.00	75.93 -2.45 0.00	79.43 -5.58 4.70	85.32 -3.89 -1.52	27.15 -0.68 0.00	29.52 -0.24 -0.32	28.79 0.01 -0.24	29.17 0.95 0.00	31.00 0.97 0.00	31.18 0.29 0.00	29.71 -0.44 0.00	41.18 -1.35 0.00	52.53 -1.66 0.00	97.34 -4.03 0.00	54.71 -1.90 0.00	38.97 -1.81 0.00	41.60 -1.83 0.00	40.28 -0.92 0.00	30.97 -0.26 0.00
BLACK RIVER___HYD 24047	27.86 -0.25 0.00	34.06 -0.09 0.00	35.95 -0.13 -0.44	24.32 -0.08 0.00	23.33 -0.20 0.00	31.86 0.25 0.00	80.77 2.11 -0.29	96.55 3.85 -2.99	92.12 3.97 -0.45	28.38 0.55 0.00	29.22 -0.23 0.00	28.10 -0.43 0.00	27.67 -0.55 0.00	30.18 0.16 0.00	31.61 0.72 0.00	31.07 0.92 0.00	43.38 0.85 0.00	55.83 1.63 0.00	104.11 2.74 0.00	58.11 1.50 0.00	42.00 1.23 0.00	44.80 1.37 0.00	41.52 0.32 0.00	31.13 -0.10 0.00
BLACKRVR_115KV_TB2 79977	27.86 -0.25 0.00	34.06 -0.09 0.00	35.95 -0.13 -0.44	24.31 -0.08 0.00	23.33 -0.20 0.00	31.86 0.25 0.00	80.77 2.11 -0.29	96.54 3.84 -2.99	92.12 3.97 -0.45	28.38 0.54 0.00	29.22 -0.23 0.00	28.10 -0.43 0.00	27.67 -0.55 0.00	30.19 0.16 0.00	31.62 0.72 0.00	31.07 0.92 0.00	43.38 0.86 0.00	55.83 1.63 0.00	104.11 2.73 0.00	58.11 1.50 0.00	42.00 1.23 0.00	44.79 1.37 0.00	41.52 0.32 0.00	31.13 -0.10 0.00
BLDWN_LI_69_KV_BK4 356085	30.19 2.08 0.00	36.28 2.14 0.00	37.71 2.07 0.00	25.84 1.45 0.00	24.76 1.23 0.00	33.04 1.43 0.00	81.82 3.45 0.00	92.46 5.05 2.29	85.66 5.99 8.03	28.87 2.03 0.99	38.95 2.17 -7.34	0.00 2.30 30.84	17.51 2.23 12.95	42.20 2.38 -9.79	42.90 2.14 -9.85	38.53 2.15 -6.24	39.89 2.10 4.73	65.80 3.36 -8.24	101.74 6.47 6.10	59.73 3.11 -0.01	43.16 2.38 0.00	45.85 2.43 0.00	43.61 2.41 0.00	32.91 1.68 0.00
BLISS_WT_PWR 323608	27.39 0.37 1.09	32.89 -0.03 1.22	34.45 0.11 1.31	23.10 -0.19 1.10	21.84 -0.53 1.17	14.89 -0.36 16.35	73.64 -2.61 2.12	75.53 -5.78 8.39	81.66 -4.25 1.79	25.87 -0.81 1.15	29.40 -0.37 -0.32	28.47 -0.08 -0.01	27.90 0.88 1.20	30.12 0.93 0.84	30.00 0.17 1.07	27.89 -0.58 1.67	40.97 -1.56 0.00	52.38 -1.81 0.00	97.22 -4.16 0.00	54.60 -2.02 0.00	38.81 -1.96 0.00	41.38 -2.04 0.00	40.14 -1.06 0.00	30.89 -0.34 0.00
BLUESTONE___WT_PWR 323821	28.56 0.24 -0.20	34.87 0.50 -0.23	36.40 0.51 -0.24	24.95 0.34 -0.21	24.20 0.45 -0.22	35.63 0.95 -3.07	81.79 3.01 -0.41	88.77 3.54 4.48	92.22 3.90 -0.61	28.69 0.65 -0.21	30.87 0.77 -0.65	31.98 0.54 -2.90	30.44 0.22 -1.99	31.23 0.32 -0.88	31.91 0.45 -0.56	31.58 0.85 -0.59	43.46 0.92 -0.02	55.66 1.18 -0.28	103.22 1.70 -0.15	58.56 1.95 0.00	42.19 1.42 0.00	44.16 0.73 0.00	42.06 0.86 0.00	32.02 0.79 0.00
BLUE_CIRC_CHEM_DRP 24182	28.94 0.82 0.00	35.08 0.93 0.00	36.60 0.95 0.00	25.08 0.68 0.00	24.16 0.63 0.00	32.32 0.71 0.00	80.20 1.83 0.00	90.28 1.91 1.34	89.89 2.19 0.00	28.30 0.46 0.00	29.53 0.41 0.33	27.17 0.44 1.80	27.40 0.33 1.16	29.95 0.40 0.48	30.90 0.25 0.25	30.24 0.28 0.19	42.91 0.39 0.01	54.76 0.79 0.23	103.30 2.05 0.12	57.54 0.93 0.00	41.48 0.70 0.00	44.22 0.79 0.00	42.01 0.82 0.00	31.80 0.56 0.00
BOC_GAS_DRP 24189	28.82 0.70 0.00	34.91 0.76 0.00	36.43 0.78 0.00	24.96 0.56 0.00	24.05 0.51 0.00	32.17 0.57 0.00	79.81 1.44 0.00	90.10 1.70 1.30	89.83 2.13 0.00	28.47 0.63 0.00	29.49 0.62 0.57	26.63 0.65 2.56	27.19 0.55 1.58	29.99 0.62 0.66	31.02 0.46 0.34	30.36 0.47 0.26	42.92 0.41 0.01	54.58 0.64 0.25	102.93 1.70 0.14	57.34 0.73 0.00	41.33 0.55 0.00	44.07 0.65 0.00	41.87 0.67 0.00	31.67 0.44 0.00
BOONVILLE_115KV_TB1 79983	28.36 0.24 0.00	34.54 0.40 0.00	36.27 0.39 -0.25	24.65 0.26 0.00	23.75 0.22 0.00	32.20 0.59 0.00	80.65 2.12 -0.16	92.98 3.24 -0.04	91.18 3.22 -0.26	28.47 0.64 0.00	29.74 0.29 0.00	28.75 0.21 0.00	28.37 0.15 0.00	30.51 0.48 0.00	31.55 0.66 0.00	30.99 0.84 0.00	43.53 1.00 0.00	55.87 1.67 0.00	104.20 2.83 0.00	58.14 1.52 0.00	41.95 1.17 0.00	44.68 1.26 0.00	41.93 0.73 0.00	31.62 0.39 0.00
BORALEX_4TH_BRANCH 23824	29.54 1.42 0.00	35.68 1.53 0.00	37.05 1.41 0.00	25.41 1.02 0.00	24.53 1.00 0.00	32.82 1.21 0.00	81.76 3.39 0.00	92.41 4.10 1.39	91.23 4.48 0.95	28.85 1.14 0.12	29.61 1.00 0.85	26.54 1.02 3.01	27.18 0.80 1.85	30.07 0.92 0.88	31.15 0.75 0.49	30.59 0.92 0.48	43.18 1.20 0.54	55.82 1.99 0.37	105.66 4.44 0.16	58.65 2.04 0.00	42.29 1.51 0.00	45.08 1.65 0.00	42.89 1.70 0.00	32.32 1.09 0.00
BOWLINE___1 23526	29.86 1.74 0.00	35.98 1.84 0.00	37.47 1.83 0.00	25.65 1.25 0.00	24.66 1.13 0.00	33.08 1.46 0.00	82.18 3.81 0.00	93.02 5.05 1.74	93.42 5.72 0.00	29.70 1.86 0.00	39.40 1.94 -8.01	65.99 1.96 -35.49	52.00 1.83 -21.95	41.11 1.97 -9.11	37.33 1.76 -4.67	35.53 1.75 -3.62	44.67 1.93 -0.20	60.69 2.93 -3.56	109.31 6.01 -1.92	59.53 2.92 0.00	42.77 2.00 0.00	45.55 2.13 0.00	43.34 2.14 0.00	32.69 1.46 0.00
BOWLINE___2 23595	29.84 1.73 0.00	35.98 1.83 0.00	37.46 1.82 0.00	25.64 1.24 0.00	24.65 1.12 0.00	33.08 1.46 0.00	82.17 3.79 0.00	92.99 5.02 1.74	93.39 5.69 0.00	29.69 1.85 0.00	39.40 1.94 -8.01	65.99 1.96 -35.50	52.00 1.82 -21.95	41.11 1.97 -9.11	37.32 1.75 -4.67	35.52 1.75 -3.62	44.64 1.91 -0.20	60.67 2.91 -3.56	109.30 6.00 -1.92	59.49 2.88 0.00	42.75 1.98 0.00	45.55 2.12 0.00	43.31 2.11 0.00	32.69 1.46 0.00
BRADY___115KV_TB2 356060	28.40 0.28 0.00	34.69 0.54 0.00	36.83 0.51 -0.68	24.72 0.32 0.00	23.88 0.35 0.00	32.21 0.60 0.00	80.45 1.63 -0.45	96.23 1.95 -4.57	89.64 1.26 -0.69	28.09 0.25 0.00	29.78 0.33 0.00	28.79 0.26 0.00	28.44 0.22 0.00	30.24 0.21 0.00	31.48 0.58 0.00	30.74 0.59 0.00	43.79 1.27 0.00	55.66 1.46 0.00	103.81 2.44 0.00	58.14 1.52 0.00	41.91 1.14 0.00	44.66 1.24 0.00	42.22 1.03 0.00	32.03 0.79 0.00
BRANSCOMB___SOLAR 323811	29.49 1.38 0.00	35.68 1.54 0.00	37.17 1.53 0.00	25.47 1.08 0.00	24.59 1.06 0.00	32.96 1.35 0.00	82.14 3.76 0.00	92.95 4.53 1.29	92.34 4.64 0.00	28.91 1.07 0.00	29.79 0.93 0.58	26.93 0.93 2.53	27.43 0.77 1.56	30.22 0.84 0.65	31.24 0.67 0.33	30.76 0.87 0.26	43.89 1.37 0.01	56.31 2.36 0.25	106.56 5.32 0.13	59.29 2.68 0.00	42.70 1.93 0.00	45.34 1.91 0.00	43.04 1.85 0.00	32.43 1.20 0.00
BRDGHMPT_69_KV_BK1 55812	30.54 2.42 0.00	36.62 2.47 0.00	38.05 2.41 0.00	26.16 1.76 0.00	24.49 0.95 0.00	21.46 0.75 10.91	-26.09 1.99 106.45	-1.78 3.20 94.69	-20.08 3.96 111.73	26.79 1.36 2.40	-60.87 1.72 92.03	-108.44 2.15 139.12	-61.30 1.66 91.19	-66.60 1.84 98.47	-37.70 1.30 69.89	-23.99 1.29 55.42	-9.25 0.96 52.74	5.54 2.26 50.92	-11.86 5.01 118.24	-30.68 2.47 89.77	25.05 1.66 17.39	-49.87 1.53 94.83	-35.21 1.43 77.84	29.89 0.78 2.11

BRENTWOD_69_KV_W. BRTWOOD 56703	30.23 2.12 0.00	36.30 2.15 0.00	37.72 2.09 0.00	25.88 1.48 0.00	24.76 1.23 0.00	31.72 1.35 1.23	78.42 3.39 3.34	75.23 4.80 19.28	60.67 5.62 32.65	27.56 2.03 2.30	37.18 2.14 -5.59	-1.34 2.27 32.14	12.96 2.18 17.45	35.25 2.35 -2.87	37.61 2.09 -4.61	33.50 2.13 -1.22	32.80 2.07 11.80	52.81 3.30 4.69	80.33 5.56 26.60	49.68 2.64 9.57	36.45 2.25 6.57	38.23 2.25 7.45	37.43 2.24 6.00	32.81 1.58 0.00
BRISTLHL_115KV_TB1 79998	27.60 -0.51 0.00	33.41 -0.73 0.00	34.87 -0.78 0.00	23.89 -0.51 0.00	23.02 -0.51 0.00	31.00 -0.61 0.00	76.84 -1.53 0.00	90.49 -2.19 -2.97	86.00 -1.70 0.00	27.25 -0.58 0.00	28.92 -0.55 -0.02	28.35 -0.30 -0.12	28.16 -0.06 0.00	30.11 0.08 0.00	30.92 0.03 0.00	29.74 -0.41 0.00	41.59 -0.93 0.00	52.97 -1.22 0.00	99.02 -2.35 0.00	55.33 -1.28 0.00	39.87 -0.90 0.00	42.46 -0.97 0.00	40.22 -0.98 0.00	30.51 -0.72 0.00
BROOKHAVEN___DRP 24191	29.94 1.83 0.00	35.94 1.79 0.00	37.32 1.68 0.00	25.66 1.26 0.00	24.44 0.91 0.00	21.64 0.86 10.84	-25.06 2.09 105.52	-1.32 3.30 94.32	-19.50 4.11 111.31	26.89 1.46 2.41	-58.30 1.57 89.33	-105.77 1.79 136.10	-58.41 1.63 88.26	-62.63 1.78 94.44	-34.54 1.50 66.93	-21.52 1.51 53.18	-7.34 1.28 51.15	7.26 2.36 49.29	-10.05 4.31 115.73	-29.22 1.88 87.71	25.11 1.56 17.23	-47.58 1.51 92.52	-33.15 1.59 75.94	30.20 1.02 2.05
BROOKLYN_NAVY_YARD 23515	30.18 2.06 0.00	36.35 2.21 0.00	37.81 2.17 0.00	25.89 1.50 0.00	24.90 1.37 0.00	33.40 1.79 0.00	82.91 4.54 0.00	93.95 5.90 1.65	94.36 6.66 0.00	30.09 2.25 0.00	40.37 2.38 -8.54	92.45 2.37 -61.55	71.53 2.20 -41.11	49.48 2.39 -17.07	41.83 2.18 -8.75	39.11 2.17 -6.79	45.31 2.40 -0.39	64.41 3.47 -6.74	112.01 7.00 -3.64	60.07 3.45 0.00	43.13 2.36 0.00	45.91 2.48 0.00	43.69 2.49 0.00	33.00 1.77 0.00
BROOKLYN___ARMY_DRP 323595	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
BROOME_2_LFGE 323671	28.75 0.39 -0.25	34.72 0.30 -0.28	36.31 0.37 -0.30	24.89 0.24 -0.25	23.97 0.17 -0.27	35.64 0.31 -3.72	79.53 0.67 -0.49	84.82 0.37 5.26	89.46 1.03 -0.74	28.33 0.24 -0.26	30.33 0.28 -0.60	31.55 0.30 -2.71	30.53 0.39 -1.91	31.52 0.63 -0.86	32.01 0.54 -0.57	31.17 0.40 -0.62	42.69 0.15 -0.02	54.71 0.25 -0.26	101.62 0.11 -0.14	56.71 0.09 0.00	40.86 0.08 0.00	43.49 0.06 0.00	41.47 0.27 0.00	31.47 0.23 0.00
BROOME___LFGE 323600	28.75 0.39 -0.25	34.72 0.30 -0.28	36.31 0.37 -0.30	24.89 0.24 -0.25	23.97 0.17 -0.27	35.64 0.31 -3.72	79.53 0.67 -0.49	84.82 0.37 5.26	89.46 1.03 -0.74	28.33 0.24 -0.26	30.33 0.28 -0.60	31.55 0.30 -2.71	30.53 0.39 -1.91	31.52 0.63 -0.86	32.01 0.54 -0.57	31.17 0.40 -0.62	42.69 0.15 -0.02	54.71 0.25 -0.26	101.62 0.11 -0.14	56.71 0.09 0.00	40.86 0.08 0.00	43.49 0.06 0.00	41.47 0.27 0.00	31.47 0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	27.95 -0.16 0.00	34.20 0.05 0.00	36.76 -0.04 -1.16	24.32 -0.08 0.00	23.43 -0.11 0.00	31.80 0.20 0.00	80.32 1.19 -0.76	99.69 2.23 -7.75	90.89 2.02 -1.16	28.13 0.30 0.00	29.52 0.07 0.00	28.45 -0.09 0.00	28.06 -0.17 0.00	30.18 0.16 0.00	31.41 0.52 0.00	30.79 0.64 0.00	43.21 0.69 0.00	55.23 1.03 0.00	102.97 1.60 0.00	57.52 0.91 0.00	41.66 0.88 0.00	44.61 1.18 0.00	41.72 0.53 0.00	31.46 0.23 0.00
BROWNSV1_27_KV_LOAD 356125	30.39 2.27 0.00	36.58 2.43 0.00	38.04 2.40 0.00	26.04 1.64 0.00	25.05 1.51 0.00	33.60 1.99 0.00	83.42 5.04 0.00	94.68 6.63 1.65	95.08 7.38 0.00	30.31 2.48 0.00	40.61 2.62 -8.54	92.70 2.61 -61.55	71.75 2.42 -41.11	49.70 2.61 -17.07	42.06 2.41 -8.75	39.34 2.41 -6.79	45.69 2.77 -0.39	64.87 3.94 -6.74	112.86 7.85 -3.64	60.60 3.99 0.00	43.54 2.77 0.00	46.34 2.92 0.00	44.06 2.86 0.00	33.28 2.05 0.00
BURROWS___LYONSDAL 23803	28.13 0.02 0.00	34.33 0.19 0.00	36.13 0.16 -0.32	24.49 0.09 0.00	23.58 0.05 0.00	32.05 0.44 0.00	80.52 1.93 -0.21	93.65 3.24 -0.71	91.27 3.23 -0.34	28.44 0.60 0.00	29.64 0.19 0.00	28.64 0.10 0.00	28.24 0.02 0.00	30.42 0.39 0.00	31.51 0.61 0.00	30.95 0.80 0.00	43.42 0.89 0.00	55.79 1.60 0.00	104.08 2.71 0.00	58.05 1.44 0.00	41.90 1.13 0.00	44.64 1.22 0.00	41.77 0.57 0.00	31.47 0.23 0.00
CAITHNESS_CC_1 323624	29.90 1.78 0.00	35.90 1.75 0.00	37.28 1.64 0.00	25.63 1.23 0.00	24.44 0.90 0.00	21.61 0.86 10.86	-25.13 2.08 105.59	-1.64 3.29 94.64	-19.80 4.11 111.60	26.91 1.48 2.41	-58.32 1.58 89.34	-105.79 1.79 136.12	-58.39 1.67 88.28	-62.61 1.83 94.47	-34.51 1.55 66.95	-21.49 1.55 53.20	-7.33 1.33 51.18	7.15 2.39 49.43	-10.34 4.28 116.00	-29.39 1.86 87.87	24.99 1.54 17.33	-47.71 1.51 92.64	-33.26 1.58 76.04	30.20 1.02 2.05
CALPINE BETH_PAGE_GT4 24209	30.12 2.00 0.00	36.19 2.05 0.00	37.61 1.97 0.00	25.78 1.38 0.00	24.69 1.16 0.00	32.94 1.33 0.00	81.66 3.30 0.00	91.89 4.87 2.69	80.44 5.76 13.02	28.19 1.97 1.61	38.13 2.08 -6.60	-0.36 2.22 31.12	16.46 2.16 13.92	40.33 2.32 -7.98	41.42 2.08 -8.44	36.89 2.08 -4.66	37.00 1.96 7.48	64.48 3.07 -7.22	100.40 5.88 6.85	59.37 2.75 -0.01	42.86 2.09 0.00	45.57 2.15 0.00	43.44 2.24 0.00	32.79 1.56 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.11 2.00 0.00	36.19 2.05 0.00	37.61 1.97 0.00	25.79 1.39 0.00	24.69 1.16 0.00	32.93 1.32 0.00	81.66 3.29 0.00	91.89 4.87 2.69	80.46 5.78 13.02	28.20 1.97 1.61	38.13 2.08 -6.60	-0.36 2.22 31.12	16.46 2.16 13.92	40.34 2.33 -7.98	41.43 2.08 -8.44	36.90 2.08 -4.66	37.01 1.96 7.48	64.50 3.08 -7.22	100.40 5.88 6.85	59.37 2.75 -0.01	42.86 2.09 0.00	45.57 2.15 0.00	43.44 2.24 0.00	32.79 1.56 0.00
CALPINE_BP_GT1 23823	30.11 2.00 0.00	36.19 2.05 0.00	37.61 1.97 0.00	25.79 1.39 0.00	24.69 1.16 0.00	32.93 1.32 0.00	81.66 3.29 0.00	91.89 4.87 2.69	80.46 5.78 13.02	28.20 1.97 1.61	38.13 2.08 -6.60	-0.36 2.22 31.12	16.46 2.16 13.92	40.34 2.33 -7.98	41.43 2.08 -8.44	36.90 2.08 -4.66	37.01 1.96 7.48	64.50 3.08 -7.22	100.40 5.88 6.85	59.37 2.75 -0.01	42.86 2.09 0.00	45.57 2.15 0.00	43.44 2.24 0.00	32.79 1.56 0.00
CALSPAN___DRP 24200	28.14 0.03 0.00	33.84 -0.30 0.00	35.31 -0.33 0.00	23.93 -0.47 0.00	22.86 -0.67 0.00	31.00 -0.61 0.00	75.21 -3.17 0.00	75.93 -6.75 7.03	83.18 -4.52 0.00	27.14 -0.69 0.00	29.48 -0.26 -0.29	28.53 -0.23 -0.22	28.84 0.62 0.00	30.57 0.54 0.00	31.00 0.10 0.00	29.75 -0.40 0.00	41.37 -1.16 0.00	52.06 -2.14 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.99 -1.78 0.00	41.81 -1.61 0.00	40.14 -1.06 0.00	30.91 -0.32 0.00

CALVERTON___SOLAR 323806	30.00 1.88 0.00	36.01 1.86 0.00	37.39 1.75 0.00	25.71 1.31 0.00	24.46 0.93 0.00	21.80 0.86 10.67	-23.31 2.10 103.78	0.07 3.32 92.96	-18.09 4.11 109.90	26.90 1.47 2.40	-53.68 1.56 84.69	-100.59 1.80 130.93	-53.40 1.61 83.24	-55.73 1.78 87.54	-29.47 1.49 61.86	-17.68 1.49 49.33	-4.60 1.25 48.38	10.35 2.35 46.20	-5.12 4.36 110.86	-25.28 1.94 83.84	25.65 1.58 16.71	-43.35 1.52 88.29	-29.68 1.59 72.47	30.30 1.02 1.95
CANDIGU_WT_PWR 323617	28.27 -0.29 -0.44	34.20 -0.44 -0.49	35.85 -0.32 -0.53	24.56 -0.29 -0.45	23.52 -0.49 -0.47	37.62 -0.58 -6.60	77.48 -1.85 -0.96	83.03 -3.03 3.65	77.29 -2.07 8.34	-23.06 -0.98 49.91	-23.02 -1.05 51.42	-22.99 -0.98 50.54	13.55 -0.71 13.96	28.73 -0.02 1.27	31.37 -0.20 -0.68	30.19 -0.82 -0.86	40.84 -1.70 -0.01	52.65 -1.73 -0.18	98.38 -3.09 -0.10	55.20 -1.41 0.00	39.62 -1.15 0.00	42.18 -1.24 0.00	40.53 -0.67 0.00	30.99 -0.24 0.00
CARR STREET_E_SYR 24060	27.84 -0.28 0.00	33.69 -0.46 0.00	35.18 -0.46 0.00	24.08 -0.32 0.00	23.21 -0.32 0.00	31.24 -0.37 0.00	77.44 -0.93 0.00	80.90 -1.49 7.32	86.66 -1.04 0.00	27.46 -0.38 0.00	29.18 -0.45 -0.18	28.27 -0.41 -0.14	27.93 -0.29 0.00	29.89 -0.14 0.00	30.71 -0.18 0.00	29.92 -0.23 0.00	41.98 -0.54 0.00	53.49 -0.71 0.00	99.90 -1.48 0.00	55.82 -0.80 0.00	40.21 -0.56 0.00	42.81 -0.62 0.00	40.59 -0.61 0.00	30.79 -0.44 0.00
CARTHAGE___PAPER 23857	27.94 -0.17 0.00	34.19 0.05 0.00	36.16 0.00 -0.52	24.38 -0.02 0.00	23.42 -0.11 0.00	31.97 0.36 0.00	80.99 2.28 -0.34	97.24 4.02 -3.51	92.24 4.01 -0.53	28.47 0.64 0.00	29.42 -0.03 0.00	28.31 -0.23 0.00	27.87 -0.36 0.00	30.31 0.28 0.00	31.67 0.77 0.00	31.16 1.01 0.00	43.56 1.03 0.00	56.05 1.85 0.00	104.50 3.13 0.00	58.31 1.70 0.00	42.16 1.39 0.00	44.99 1.56 0.00	41.77 0.57 0.00	31.34 0.11 0.00
CASSADAGA_WT_PWR 323784	27.45 0.39 1.06	32.84 -0.14 1.17	33.93 -0.45 1.26	22.33 -1.01 1.06	21.21 -1.19 1.13	14.48 -1.38 15.75	70.78 -5.55 2.05	48.50 -8.67 32.54	63.04 -6.42 18.24	25.28 -1.44 1.12	29.33 -0.43 -0.31	28.34 -0.21 -0.02	27.46 0.40 1.16	29.52 0.31 0.81	29.79 -0.08 1.03	27.87 -0.67 1.61	41.06 -1.47 0.00	52.57 -1.62 0.00	97.31 -4.07 0.00	54.29 -2.33 0.00	38.42 -2.36 0.00	41.14 -2.29 0.00	40.06 -1.14 0.00	30.98 -0.26 0.00
CE_DUNWOOD___DRP 24194	29.98 1.87 0.00	36.11 1.96 0.00	37.59 1.95 0.00	25.73 1.34 0.00	24.75 1.22 0.00	33.18 1.57 0.00	82.37 4.00 0.00	93.36 5.32 1.67	93.73 6.03 0.00	29.83 2.00 0.00	40.16 2.10 -8.61	72.16 2.11 -41.52	56.27 1.95 -26.11	42.97 2.10 -10.84	38.35 1.89 -5.56	36.37 1.90 -4.31	44.89 2.12 -0.24	61.56 3.10 -4.26	110.02 6.35 -2.30	59.74 3.13 0.00	42.95 2.18 0.00	45.73 2.30 0.00	43.48 2.28 0.00	32.82 1.59 0.00
CE_MILLWOOD___DRP 24193	29.92 1.81 0.00	36.05 1.91 0.00	37.53 1.89 0.00	25.70 1.30 0.00	24.71 1.18 0.00	33.13 1.52 0.00	82.24 3.87 0.00	93.19 5.16 1.68	93.57 5.87 0.00	29.77 1.94 0.00	40.15 2.02 -8.68	68.48 2.04 -37.90	53.47 1.88 -23.37	41.76 2.03 -9.70	37.70 1.83 -4.98	35.84 1.84 -3.86	44.77 2.03 -0.22	61.00 3.00 -3.80	109.59 6.16 -2.05	59.65 3.03 0.00	42.87 2.10 0.00	45.65 2.23 0.00	43.41 2.22 0.00	32.76 1.53 0.00
CE_NYC2_DRP 24202	30.24 2.12 0.00	36.39 2.25 0.00	37.86 2.22 0.00	25.93 1.53 0.00	24.94 1.41 0.00	33.44 1.83 0.00	82.91 4.54 0.00	93.97 5.92 1.65	94.45 6.75 0.00	30.15 2.32 0.00	40.41 2.42 -8.54	96.42 2.42 -65.47	74.37 2.12 -44.03	50.59 2.28 -18.28	42.38 2.10 -9.37	39.55 2.13 -7.27	45.32 2.38 -0.41	64.83 3.42 -7.22	112.08 6.81 -3.90	60.14 3.52 0.00	43.22 2.45 0.00	46.01 2.58 0.00	43.81 2.61 0.00	33.11 1.88 0.00
CE_NYC_DRP 24195	30.21 2.09 0.00	36.37 2.22 0.00	37.83 2.19 0.00	25.90 1.50 0.00	24.91 1.38 0.00	33.40 1.80 0.00	82.92 4.55 0.00	94.06 6.00 1.65	94.49 6.79 0.00	30.13 2.30 0.00	40.41 2.42 -8.54	91.64 2.42 -60.68	70.91 2.23 -40.46	49.24 2.41 -16.80	41.72 2.21 -8.61	39.05 2.22 -6.68	45.41 2.50 -0.38	64.42 3.59 -6.63	112.11 7.16 -3.58	60.17 3.56 0.00	43.25 2.48 0.00	46.03 2.60 0.00	43.78 2.58 0.00	33.08 1.85 0.00
CHAFFEE___LFGE 323603	27.22 0.10 0.99	32.84 -0.20 1.10	34.24 -0.21 1.19	23.01 -0.39 1.00	21.88 -0.59 1.06	16.32 -0.47 14.82	73.69 -2.75 1.93	74.14 -6.02 9.55	81.46 -3.81 2.43	26.25 -0.52 1.07	29.59 -0.17 -0.30	28.47 -0.09 -0.02	27.81 0.70 1.11	29.93 0.66 0.76	30.16 0.21 0.95	28.43 -0.23 1.49	41.59 -0.93 0.00	52.36 -1.84 0.00	96.49 -4.88 0.00	54.59 -2.02 0.00	39.23 -1.54 0.00	42.04 -1.38 0.00	40.32 -0.87 0.00	31.02 -0.21 0.00
CHATEAUG_35_KV_LOAD 355732	27.02 -1.10 0.00	-13.40 -0.97 46.57	-24.19 -1.00 58.83	-23.63 -0.75 47.28	-23.68 -0.71 46.51	-23.66 -0.91 54.36	-24.07 -2.11 100.33	-27.47 -2.18 114.99	15.81 -2.38 69.51	27.47 -0.36 0.00	29.67 0.22 0.00	28.40 -0.13 0.00	28.18 -0.04 0.00	30.15 0.13 0.00	31.23 0.34 0.00	30.35 0.20 0.00	42.85 0.32 0.00	54.52 0.32 0.00	101.75 0.38 0.00	56.69 0.08 0.00	40.76 -0.01 0.00	43.50 0.08 0.00	41.63 0.44 0.00	31.64 0.41 0.00
CHATEAUG_WT_PWR 323614	26.99 -1.12 0.00	-13.52 -1.09 46.57	-23.78 -1.23 58.19	-23.78 -0.89 47.28	-23.78 -0.80 46.51	-23.78 -1.03 54.36	-23.93 -2.40 99.91	-23.60 -2.60 110.70	16.08 -2.75 68.87	27.41 -0.43 0.00	29.63 0.19 0.00	28.39 -0.14 0.00	28.21 -0.01 0.00	30.19 0.16 0.00	31.27 0.38 0.00	30.37 0.22 0.00	42.80 0.27 0.00	54.30 0.10 0.00	101.28 -0.09 0.00	56.40 -0.21 0.00	40.57 -0.21 0.00	43.35 -0.07 0.00	41.57 0.37 0.00	31.58 0.35 0.00
CHAT_HIGH_FALL_HYD 323578	27.02 -1.10 0.00	-13.40 -0.97 46.57	-24.19 -1.00 58.83	-23.63 -0.75 47.28	-23.68 -0.71 46.51	-23.66 -0.91 54.36	-24.07 -2.11 100.33	-27.47 -2.18 114.99	15.81 -2.38 69.51	27.47 -0.36 0.00	29.67 0.22 0.00	28.40 -0.13 0.00	28.18 -0.04 0.00	30.15 0.13 0.00	31.23 0.34 0.00	30.35 0.20 0.00	42.85 0.32 0.00	54.52 0.32 0.00	101.75 0.38 0.00	56.69 0.08 0.00	40.76 -0.01 0.00	43.50 0.08 0.00	41.63 0.44 0.00	31.64 0.41 0.00
CHAUTAUQUA___LFGE 323629	27.33 0.24 1.02	32.84 -0.18 1.13	34.08 -0.34 1.22	22.71 -0.66 1.03	21.58 -0.86 1.09	15.53 -0.88 15.19	72.56 -3.83 1.98	66.42 -6.89 16.39	75.78 -4.75 7.16	25.80 -0.97 1.07	29.46 -0.30 -0.30	28.39 -0.17 -0.02	27.56 0.44 1.11	29.66 0.40 0.76	29.92 -0.01 0.97	28.13 -0.51 1.51	41.26 -1.27 0.00	52.46 -1.73 0.00	96.94 -4.43 0.00	54.38 -2.24 0.00	38.82 -1.95 0.00	41.58 -1.85 0.00	40.26 -0.94 0.00	30.98 -0.25 0.00
CHERRYST_13_KV_LD 356241	30.28 2.17 0.00	36.45 2.31 0.00	37.92 2.28 0.00	25.96 1.56 0.00	24.97 1.44 0.00	33.49 1.88 0.00	83.16 4.78 0.00	94.33 6.27 1.65	94.76 7.06 0.00	30.23 2.39 0.00	40.53 2.54 -8.54	91.75 2.53 -60.68	71.02 2.34 -40.46	49.35 2.52 -16.80	41.84 2.33 -8.61	39.16 2.33 -6.68	45.56 2.65 -0.38	64.60 3.77 -6.63	112.42 7.47 -3.58	60.35 3.74 0.00	43.37 2.59 0.00	46.14 2.72 0.00	43.89 2.69 0.00	33.16 1.93 0.00

CHESTROR_138KV_BK263 355645	29.80 1.69 0.00	35.94 1.79 0.00	37.44 1.80 0.00	25.62 1.22 0.00	24.64 1.11 0.00	33.07 1.46 0.00	82.18 3.81 0.00	92.84 4.96 1.83	93.26 5.56 0.00	29.58 1.75 0.00	38.04 1.80 -6.80	60.49 1.81 -30.15	48.56 1.69 -18.65	39.59 1.82 -7.74	36.50 1.63 -3.97	34.86 1.64 -3.08	44.54 1.84 -0.17	60.01 2.82 -3.00	108.79 5.80 -1.62	59.43 2.82 0.00	42.73 1.96 0.00	45.53 2.10 0.00	43.27 2.08 0.00	32.65 1.42 0.00
CH_MIDHUDSON___DRP 24192	30.18 2.06 0.00	36.38 2.23 0.00	37.89 2.24 0.00	25.94 1.54 0.00	24.97 1.44 0.00	33.50 1.89 0.00	83.24 4.86 0.00	94.28 6.20 1.63	94.48 6.77 0.00	29.94 2.10 0.00	33.46 2.15 -1.86	34.21 2.10 -3.58	31.79 1.95 -1.61	32.80 2.10 -0.67	33.16 1.92 -0.34	32.41 2.00 -0.26	44.98 2.45 -0.01	56.97 2.76 0.00	106.86 5.48 0.00	59.33 2.71 0.00	42.69 1.92 0.00	45.46 2.03 0.00	43.20 2.01 0.00	32.59 1.35 0.00
CH_MISC_IPPS 23765	30.20 2.09 0.00	36.41 2.26 0.00	37.93 2.29 0.00	25.96 1.57 0.00	24.99 1.46 0.00	33.53 1.92 0.00	83.32 4.95 0.00	94.35 6.30 1.65	94.57 6.87 0.00	30.00 2.16 0.00	34.19 2.24 -2.50	37.38 2.20 -6.65	33.82 2.05 -3.55	33.71 2.21 -1.47	33.69 2.04 -0.75	32.79 2.08 -0.56	45.05 2.50 -0.03	57.75 3.29 -0.27	108.12 6.60 -0.14	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.46 0.00	43.59 2.39 0.00	32.86 1.63 0.00
CH_RES_BVR_FALLS 23983	27.40 -0.71 0.00	33.46 -0.69 0.00	34.94 -0.70 0.00	23.91 -0.49 0.00	23.11 -0.42 0.00	31.22 -0.38 0.00	77.70 -0.67 0.00	89.48 -0.23 0.00	87.48 -0.22 0.00	27.79 -0.04 0.00	29.41 -0.04 0.00	28.49 -0.04 0.00	28.13 -0.10 0.00	29.89 -0.13 0.00	30.80 -0.10 0.00	30.05 -0.10 0.00	42.47 -0.06 0.00	54.14 -0.05 0.00	101.10 -0.27 0.00	56.53 -0.08 0.00	40.74 -0.04 0.00	43.37 -0.06 0.00	41.09 -0.11 0.00	31.17 -0.06 0.00
CH_RES_NIAGARA 23895	27.68 -0.43 0.00	33.29 -0.86 0.00	34.71 -0.93 0.00	23.51 -0.88 0.00	22.49 -1.04 0.00	30.48 -1.13 0.00	73.65 -4.72 0.00	73.64 -9.12 6.94	81.12 -6.58 0.00	26.50 -1.33 0.00	28.78 -0.94 -0.27	27.76 -0.98 -0.21	28.16 -0.06 0.00	29.86 -0.17 0.00	30.39 -0.51 0.00	29.19 -0.96 0.00	40.52 -2.01 0.00	50.53 -3.66 0.00	92.74 -8.63 0.00	52.63 -3.98 0.00	37.95 -2.83 0.00	40.85 -2.58 0.00	39.17 -2.03 0.00	30.40 -0.83 0.00
CH_RES_SYRACUSE 23985	28.08 -0.04 0.00	33.98 -0.16 0.00	35.49 -0.15 0.00	24.23 -0.17 0.00	23.37 -0.15 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.40 -0.30 0.00	27.62 -0.21 0.00	29.37 -0.29 -0.21	28.42 -0.27 -0.16	28.04 -0.18 0.00	30.08 0.05 0.00	30.92 0.02 0.00	30.11 -0.04 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
CLINTON_WT_PWR 323605	26.99 -1.12 0.00	-13.52 -1.09 46.57	-23.78 -1.23 58.19	-23.78 -0.89 47.28	-23.78 -0.80 46.51	-23.78 -1.03 54.36	-23.93 -2.40 99.91	-23.60 -2.60 110.70	16.08 -2.75 68.87	27.41 -0.43 0.00	29.63 0.19 0.00	28.39 -0.14 0.00	28.21 -0.01 0.00	30.19 0.16 0.00	31.27 0.38 0.00	30.37 0.22 0.00	42.80 0.27 0.00	54.30 0.10 0.00	101.28 -0.09 0.00	56.40 -0.21 0.00	40.57 -0.21 0.00	43.35 -0.07 0.00	41.57 0.37 0.00	31.58 0.35 0.00
CLINTON___LFGE 323618	26.72 -1.39 0.00	-13.66 -1.23 46.57	-24.16 -1.39 58.42	-23.86 -0.98 47.28	-23.80 -0.83 46.51	-23.81 -1.05 54.36	-23.85 -2.16 100.06	-24.90 -2.41 112.20	15.96 -2.64 69.09	27.56 -0.27 0.00	30.15 0.70 0.00	28.66 0.12 0.00	28.48 0.26 0.00	30.45 0.42 0.00	31.55 0.65 0.00	30.52 0.37 0.00	42.85 0.32 0.00	54.41 0.21 0.00	101.56 0.19 0.00	56.43 -0.18 0.00	40.60 -0.18 0.00	43.48 0.05 0.00	41.96 0.76 0.00	31.88 0.65 0.00
COBBLENY_34_KV_TB1 80064	28.21 0.10 0.00	33.94 -0.21 0.00	35.40 -0.24 0.00	24.00 -0.40 0.00	22.94 -0.59 0.00	31.12 -0.49 0.00	75.62 -2.76 0.00	77.50 -6.09 6.11	84.49 -3.84 -0.64	27.29 -0.54 0.00	29.58 -0.17 -0.30	28.68 -0.09 -0.23	28.94 0.72 0.00	30.68 0.65 0.00	31.12 0.22 0.00	29.90 -0.25 0.00	41.60 -0.93 0.00	52.39 -1.81 0.00	96.54 -4.83 0.00	54.60 -2.02 0.00	39.24 -1.54 0.00	42.06 -1.37 0.00	40.34 -0.86 0.00	31.02 -0.21 0.00
COFFEEN___115KV_TB3 355620	28.08 -0.03 0.00	34.31 0.16 0.00	36.19 0.12 -0.43	24.48 0.08 0.00	23.50 -0.03 0.00	32.06 0.45 0.00	81.29 2.63 -0.28	96.99 4.38 -2.90	92.58 4.44 -0.44	28.44 0.61 0.00	29.23 -0.22 0.00	28.07 -0.46 0.00	27.66 -0.56 0.00	30.24 0.21 0.00	31.77 0.87 0.00	31.25 1.10 0.00	43.65 1.13 0.00	56.10 1.91 0.00	104.80 3.43 0.00	58.52 1.90 0.00	42.29 1.52 0.00	45.06 1.64 0.00	41.80 0.60 0.00	31.32 0.09 0.00
COLDSPRG_115KV_BK1 355956	28.99 0.88 0.00	34.77 0.63 0.00	36.17 0.52 0.00	24.30 -0.09 0.00	23.24 -0.29 0.00	31.48 -0.13 0.00	76.25 -2.12 0.00	91.42 -4.47 -6.19	94.51 -2.15 -8.96	27.63 -0.20 0.00	30.26 0.48 -0.32	29.49 0.71 -0.25	29.58 1.36 0.00	31.38 1.35 0.00	31.86 0.95 0.00	30.47 0.32 0.00	42.16 -0.37 0.00	53.81 -0.38 0.00	99.32 -2.06 0.00	55.64 -0.98 0.00	39.67 -1.10 0.00	42.41 -1.02 0.00	41.04 -0.16 0.00	31.60 0.37 0.00
COLONIE_LFGE___ 323577	29.24 1.13 0.00	35.41 1.26 0.00	36.86 1.21 0.00	25.25 0.85 0.00	24.35 0.82 0.00	32.60 0.99 0.00	81.12 2.75 0.00	91.65 3.23 1.29	91.31 3.61 0.00	28.79 0.95 0.00	29.71 0.88 0.62	26.74 0.89 2.69	27.31 0.75 1.66	30.19 0.85 0.69	31.22 0.67 0.35	30.64 0.76 0.27	43.49 0.98 0.02	55.51 1.57 0.26	104.93 3.70 0.14	58.35 1.74 0.00	42.04 1.27 0.00	44.76 1.33 0.00	42.51 1.31 0.00	32.09 0.86 0.00
COOPERNY_115KV_TB1 80082	29.44 1.32 0.00	35.55 1.40 0.00	37.10 1.46 0.00	25.37 0.98 0.00	24.41 0.88 0.00	32.76 1.15 0.00	81.30 2.92 0.00	91.22 3.74 2.22	91.92 4.22 0.00	29.16 1.32 0.00	34.83 1.35 -4.03	47.60 1.36 -17.70	40.43 1.28 -10.93	35.96 1.40 -4.54	34.47 1.24 -2.33	33.18 1.23 -1.80	43.97 1.35 -0.10	57.98 2.03 -1.75	106.49 4.18 -0.94	58.65 2.03 0.00	42.20 1.43 0.00	45.00 1.58 0.00	42.78 1.58 0.00	32.33 1.10 0.00
COPENHAGEN_WT_PWR 323753	27.46 -0.66 0.00	33.59 -0.56 0.00	35.46 -0.59 -0.40	24.00 -0.40 0.00	23.01 -0.52 0.00	31.46 -0.15 0.00	79.93 1.29 -0.26	95.50 3.05 -2.74	91.48 3.36 -0.41	28.25 0.41 0.00	29.11 -0.34 0.00	28.00 -0.53 0.00	27.56 -0.66 0.00	30.00 -0.03 0.00	31.37 0.47 0.00	30.77 0.62 0.00	42.92 0.40 0.00	55.35 1.15 0.00	102.96 1.59 0.00	57.44 0.83 0.00	41.52 0.75 0.00	44.29 0.87 0.00	40.96 -0.24 0.00	30.67 -0.57 0.00
CORNELL_____ 23752	28.63 0.51 0.00	34.65 0.51 0.00	36.21 0.57 0.00	24.77 0.37 0.00	23.89 0.36 0.00	32.21 0.60 0.00	79.95 1.58 0.00	84.73 1.46 6.42	89.58 1.88 0.00	28.12 0.28 0.00	30.01 0.13 -0.43	30.53 0.09 -1.90	29.56 0.17 -1.18	31.14 0.63 -0.48	31.94 0.79 -0.25	31.05 0.71 -0.19	43.27 0.74 -0.01	55.27 0.89 -0.18	103.21 1.74 -0.10	57.70 1.09 0.00	41.58 0.80 0.00	44.19 0.76 0.00	41.98 0.78 0.00	31.79 0.56 0.00

CORONA__69_KV_TB1 355595	30.23 2.12 0.00	36.34 2.19 0.00	37.79 2.14 0.00	25.90 1.50 0.00	24.82 1.29 0.00	33.12 1.51 0.00	81.98 3.61 0.00	93.25 5.20 1.65	93.84 6.14 0.00	29.92 2.09 0.00	40.22 2.24 -8.53	2.09 2.39 28.83	24.52 2.32 6.03	51.97 2.48 -19.46	50.18 2.24 -17.05	44.81 2.22 -12.43	44.44 2.21 0.30	72.05 3.49 -14.36	112.58 6.71 -4.50	59.87 3.25 -0.01	43.24 2.47 0.00	45.95 2.53 0.00	43.69 2.49 0.00	33.00 1.77 0.00
CORTLAND__115KV_TB3 80093	28.44 0.33 0.00	34.41 0.26 0.00	35.96 0.31 0.00	24.62 0.22 0.00	23.72 0.19 0.00	31.96 0.35 0.00	79.34 0.97 0.00	83.99 0.83 6.55	88.95 1.25 0.00	28.01 0.18 0.00	29.87 0.07 -0.35	30.15 0.07 -1.55	29.31 0.13 -0.96	30.83 0.41 -0.40	31.57 0.47 -0.20	30.75 0.45 -0.15	42.89 0.35 -0.01	54.73 0.53 0.00	102.18 0.81 0.00	57.09 0.48 0.00	41.14 0.37 0.00	43.78 0.35 0.00	41.56 0.36 0.00	31.48 0.25 0.00
COXSACKIE__GT 23611	29.60 1.49 0.00	35.86 1.71 0.00	37.31 1.67 0.00	25.60 1.20 0.00	24.90 1.37 0.00	33.62 2.01 0.00	83.72 5.35 0.00	94.76 6.47 1.41	94.13 6.43 0.00	28.99 1.16 0.00	30.22 0.78 0.00	29.23 0.69 0.00	28.77 0.55 0.00	30.65 0.63 0.00	31.42 0.53 0.00	30.81 0.66 0.00	43.48 0.96 0.00	56.38 2.18 0.00	106.86 5.49 0.00	59.51 2.90 0.00	42.82 2.05 0.00	45.51 2.08 0.00	43.07 1.87 0.00	32.51 1.28 0.00
CPV_VALLEY__CC1 323721	29.78 1.66 0.00	35.90 1.76 0.00	37.40 1.76 0.00	25.60 1.20 0.00	24.62 1.09 0.00	33.03 1.42 0.00	82.06 3.69 0.00	92.69 4.83 1.85	93.18 5.47 0.00	29.58 1.75 0.00	38.05 1.81 -6.79	60.64 1.83 -30.28	48.68 1.71 -18.75	39.65 1.84 -7.78	36.53 1.64 -3.99	34.88 1.64 -3.09	44.51 1.81 -0.17	59.99 2.76 -3.02	108.70 5.69 -1.63	59.37 2.75 0.00	42.67 1.90 0.00	45.46 2.03 0.00	43.23 2.03 0.00	32.63 1.40 0.00
CPV_VALLEY__CC2 323722	29.78 1.66 0.00	35.90 1.76 0.00	37.40 1.76 0.00	25.60 1.20 0.00	24.62 1.09 0.00	33.03 1.42 0.00	82.06 3.69 0.00	92.69 4.83 1.85	93.18 5.47 0.00	29.58 1.75 0.00	38.05 1.81 -6.79	60.64 1.83 -30.28	48.68 1.71 -18.75	39.65 1.84 -7.78	36.53 1.64 -3.99	34.88 1.64 -3.09	44.51 1.81 -0.17	59.99 2.76 -3.02	108.70 5.69 -1.63	59.37 2.75 0.00	42.67 1.90 0.00	45.46 2.03 0.00	43.23 2.03 0.00	32.63 1.40 0.00
CRESCENT__HYD 24018	29.24 1.13 0.00	35.41 1.26 0.00	36.86 1.21 0.00	25.25 0.85 0.00	24.35 0.82 0.00	32.60 0.99 0.00	81.12 2.75 0.00	91.65 3.23 1.29	91.31 3.61 0.00	28.79 0.95 0.00	29.71 0.88 0.62	26.74 0.89 2.69	27.31 0.75 1.66	30.19 0.85 0.69	31.22 0.67 0.35	30.64 0.76 0.27	43.49 0.98 0.02	55.51 1.57 0.26	104.93 3.70 0.14	58.35 1.74 0.00	42.04 1.27 0.00	44.76 1.33 0.00	42.51 1.31 0.00	32.09 0.86 0.00
CRICKET__VALLEY_CC1 323756	29.38 1.26 0.00	35.43 1.29 0.00	36.89 1.24 0.00	25.30 0.90 0.00	24.37 0.84 0.00	32.55 0.95 0.00	80.73 2.36 0.00	90.91 3.24 2.04	85.17 3.99 6.52	28.28 1.26 0.80	28.18 1.24 2.51	23.65 1.29 6.17	25.62 1.13 3.73	28.94 1.23 2.32	30.44 1.01 1.48	29.41 1.08 1.81	39.95 1.05 3.63	54.82 1.74 1.11	105.12 4.05 0.30	58.55 1.94 0.00	42.17 1.40 0.00	44.91 1.48 0.00	42.67 1.48 0.00	32.17 0.94 0.00
CRICKET__VALLEY_CC2 323757	29.38 1.26 0.00	35.43 1.29 0.00	36.89 1.24 0.00	25.30 0.90 0.00	24.37 0.84 0.00	32.55 0.95 0.00	80.73 2.36 0.00	90.91 3.24 2.04	85.17 3.99 6.52	28.28 1.26 0.80	28.18 1.24 2.51	23.65 1.29 6.17	25.62 1.13 3.73	28.94 1.23 2.32	30.44 1.01 1.48	29.41 1.08 1.81	39.95 1.05 3.63	54.82 1.74 1.11	105.12 4.05 0.30	58.55 1.94 0.00	42.17 1.40 0.00	44.91 1.48 0.00	42.67 1.48 0.00	32.17 0.94 0.00
CRICKET__VALLEY_CC3 323758	29.38 1.26 0.00	35.43 1.29 0.00	36.89 1.24 0.00	25.30 0.90 0.00	24.37 0.84 0.00	32.55 0.95 0.00	80.73 2.36 0.00	90.91 3.24 2.04	85.17 3.99 6.52	28.28 1.26 0.80	28.18 1.24 2.51	23.65 1.29 6.17	25.62 1.13 3.73	28.94 1.23 2.32	30.44 1.01 1.48	29.41 1.08 1.81	39.95 1.05 3.63	54.82 1.74 1.11	105.12 4.05 0.30	58.55 1.94 0.00	42.17 1.40 0.00	44.91 1.48 0.00	42.67 1.48 0.00	32.17 0.94 0.00
CRUCIBLE_METL_DRP 24180	28.08 -0.04 0.00	33.98 -0.17 0.00	35.48 -0.16 0.00	24.22 -0.17 0.00	23.37 -0.16 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.39 -0.31 0.00	27.62 -0.22 0.00	29.38 -0.28 -0.21	28.42 -0.27 -0.16	28.04 -0.18 0.00	30.08 0.05 0.00	30.92 0.02 0.00	30.10 -0.05 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
DAHOWA__HYDRO 323763	29.59 1.48 0.00	35.79 1.64 0.00	37.28 1.64 0.00	25.56 1.16 0.00	24.68 1.15 0.00	33.09 1.48 0.00	82.49 4.12 0.00	93.41 4.99 1.29	92.81 5.11 0.00	28.99 1.16 0.00	29.87 1.00 0.57	27.02 0.98 2.50	27.49 0.81 1.54	30.27 0.88 0.64	31.30 0.73 0.33	30.84 0.95 0.25	44.05 1.54 0.01	56.58 2.63 0.24	107.13 5.89 0.13	59.61 3.00 0.00	42.91 2.13 0.00	45.53 2.10 0.00	43.21 2.01 0.00	32.53 1.30 0.00
DANC__LFGE 323619	27.56 -0.56 0.00	33.58 -0.57 0.00	35.31 -0.61 -0.27	23.99 -0.41 0.00	23.05 -0.48 0.00	31.32 -0.29 0.00	78.79 0.24 -0.18	92.66 1.11 -1.85	89.47 1.49 -0.28	27.86 0.03 0.00	28.96 -0.48 0.00	27.95 -0.59 0.00	27.61 -0.61 0.00	29.85 -0.18 0.00	31.03 0.13 0.00	30.35 0.20 0.00	42.42 -0.10 0.00	54.40 0.20 0.00	101.41 0.04 0.00	56.62 0.00 0.00	40.90 0.12 0.00	43.64 0.21 0.00	40.72 -0.48 0.00	30.64 -0.59 0.00
DANSKAMMER__1 23586	30.20 2.09 0.00	36.41 2.26 0.00	37.93 2.29 0.00	25.96 1.57 0.00	24.99 1.46 0.00	33.53 1.92 0.00	83.32 4.95 0.00	94.35 6.30 1.65	94.57 6.87 0.00	30.00 2.16 0.00	34.19 2.24 -2.50	37.38 2.20 -6.65	33.82 2.05 -3.55	33.71 2.21 -1.47	33.69 2.04 -0.75	32.79 2.08 -0.56	45.05 2.50 -0.03	57.75 3.29 -0.27	108.12 6.60 -0.14	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.46 0.00	43.59 2.39 0.00	32.86 1.63 0.00
DANSKAMMER__2 23589	30.20 2.09 0.00	36.41 2.26 0.00	37.93 2.29 0.00	25.96 1.57 0.00	24.99 1.46 0.00	33.53 1.92 0.00	83.32 4.95 0.00	94.35 6.30 1.65	94.57 6.87 0.00	30.00 2.16 0.00	34.19 2.24 -2.50	37.38 2.20 -6.65	33.82 2.05 -3.55	33.71 2.21 -1.47	33.69 2.04 -0.75	32.79 2.08 -0.56	45.05 2.50 -0.03	57.75 3.29 -0.27	108.12 6.60 -0.14	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.46 0.00	43.59 2.39 0.00	32.86 1.63 0.00
DANSKAMMER__3 23590	30.20 2.09 0.00	36.41 2.26 0.00	37.93 2.29 0.00	25.96 1.57 0.00	24.99 1.46 0.00	33.53 1.92 0.00	83.32 4.95 0.00	94.35 6.30 1.65	94.57 6.87 0.00	30.00 2.16 0.00	34.19 2.24 -2.50	37.38 2.20 -6.65	33.82 2.05 -3.55	33.71 2.21 -1.47	33.69 2.04 -0.75	32.79 2.08 -0.56	45.05 2.50 -0.03	57.75 3.29 -0.27	108.12 6.60 -0.14	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.46 0.00	43.59 2.39 0.00	32.86 1.63 0.00

DANSKAMMER___4 23591	30.20 2.09 0.00	36.41 2.26 0.00	37.93 2.29 0.00	25.96 1.57 0.00	24.99 1.46 0.00	33.53 1.92 0.00	83.32 4.95 0.00	94.35 6.30 1.65	94.57 6.87 0.00	30.00 2.16 0.00	34.19 2.24 -2.50	37.38 2.20 -6.65	33.82 2.05 -3.55	33.71 2.21 -1.47	33.69 2.04 -0.75	32.79 2.08 -0.56	45.05 2.50 -0.03	57.75 3.29 -0.27	108.12 6.60 -0.14	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.46 0.00	43.59 2.39 0.00	32.86 1.63 0.00
DANSKAMMER___DIESEL 23592	30.21 2.09 0.00	36.41 2.27 0.00	37.93 2.28 0.00	25.96 1.57 0.00	24.99 1.45 0.00	33.53 1.92 0.00	83.32 4.95 0.00	94.36 6.31 1.65	94.57 6.87 0.00	30.00 2.17 0.00	34.19 2.24 -2.50	37.39 2.20 -6.65	33.82 2.05 -3.55	33.71 2.21 -1.47	33.69 2.04 -0.75	32.80 2.09 -0.56	45.05 2.50 -0.03	57.74 3.28 -0.27	108.12 6.60 -0.14	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.47 0.00	43.59 2.39 0.00	32.86 1.63 0.00
DARBY___SOLAR 323810	29.48 1.37 0.00	35.67 1.52 0.00	37.16 1.52 0.00	25.47 1.07 0.00	24.58 1.05 0.00	32.95 1.34 0.00	82.13 3.76 0.00	92.94 4.52 1.29	92.34 4.64 0.00	28.90 1.06 0.00	29.78 0.91 0.58	26.91 0.91 2.53	27.40 0.74 1.56	30.19 0.81 0.65	31.22 0.66 0.33	30.75 0.86 0.26	43.88 1.36 0.01	56.29 2.34 0.24	106.57 5.33 0.13	59.30 2.69 0.00	42.71 1.93 0.00	45.33 1.91 0.00	43.04 1.84 0.00	32.42 1.19 0.00
DASHVILLE___HYD 23610	29.71 1.60 0.00	35.82 1.68 0.00	37.34 1.70 0.00	25.57 1.17 0.00	24.62 1.09 0.00	32.98 1.37 0.00	81.85 3.48 0.00	92.65 4.56 1.62	92.84 5.13 0.00	29.45 1.62 0.00	32.48 1.56 -1.47	33.95 1.55 -3.86	31.66 1.39 -2.05	32.37 1.49 -0.85	32.64 1.30 -0.44	31.84 1.36 -0.33	44.12 1.57 -0.02	56.59 2.21 -0.18	106.13 4.67 -0.10	59.02 2.40 0.00	42.49 1.71 0.00	45.29 1.86 0.00	43.03 1.83 0.00	32.46 1.23 0.00
DELAWARE___LFGE 323621	28.94 0.83 0.00	35.03 0.88 0.00	36.64 1.01 0.00	25.08 0.68 0.00	24.17 0.64 0.00	32.44 0.84 0.00	80.48 2.11 0.00	88.55 2.48 3.64	90.51 2.81 0.00	28.68 0.84 0.00	31.10 0.86 -0.79	32.90 0.85 -3.51	31.23 0.84 -2.17	31.91 0.99 -0.90	32.27 0.91 -0.46	31.42 0.91 -0.36	43.48 0.93 -0.02	55.82 1.28 -0.35	104.01 2.45 -0.19	57.90 1.29 0.00	41.74 0.96 0.00	44.48 1.05 0.00	42.24 1.04 0.00	31.98 0.74 0.00
DERFIELD_115KV_TB7 355931	28.29 0.18 0.00	34.32 0.17 0.00	35.83 0.18 0.00	24.53 0.13 0.00	23.65 0.12 0.00	31.76 0.15 0.00	78.72 0.35 0.00	89.54 0.89 1.06	88.59 0.89 0.00	28.02 0.19 0.00	29.57 0.12 0.00	28.66 0.12 0.00	28.31 0.09 0.00	30.15 0.13 0.00	31.00 0.11 0.00	30.31 0.16 0.00	42.70 0.17 0.00	54.50 0.31 0.00	102.06 0.69 0.00	56.95 0.34 0.00	41.02 0.24 0.00	43.69 0.26 0.00	41.43 0.23 0.00	31.37 0.14 0.00
DOGLEVILLE___HYD 23807	30.16 2.05 0.00	36.38 2.23 0.00	37.94 2.30 0.00	25.97 1.57 0.00	25.07 1.54 0.00	33.72 2.11 0.00	83.89 5.52 0.00	97.02 8.37 1.06	100.06 12.36 0.00	29.68 1.84 0.00	30.26 0.82 0.00	29.26 0.72 0.00	28.70 0.48 0.00	30.51 0.48 0.00	31.22 0.32 0.00	31.05 0.89 0.00	44.43 1.90 0.00	57.41 3.22 0.00	107.86 6.49 0.00	60.07 3.46 0.00	43.33 2.56 0.00	46.13 2.71 0.00	43.83 2.63 0.00	32.99 1.76 0.00
DUNKIRK__115KV_TB_200 55889	28.32 0.21 0.00	33.96 -0.19 0.00	35.30 -0.34 0.00	23.78 -0.62 0.00	22.70 -0.83 0.00	30.78 -0.83 0.00	74.69 -3.68 0.00	71.59 -6.73 11.39	80.09 -4.57 3.04	26.91 -0.92 0.00	29.48 -0.28 -0.30	28.61 -0.15 -0.23	28.71 0.49 0.00	30.44 0.41 0.00	30.92 0.02 0.00	29.65 -0.50 0.00	41.29 -1.23 0.00	52.47 -1.73 0.00	96.89 -4.48 0.00	54.38 -2.23 0.00	38.86 -1.91 0.00	41.63 -1.79 0.00	40.28 -0.92 0.00	30.98 -0.25 0.00
DUNKIRK___1 23563	28.32 0.21 0.00	33.96 -0.19 0.00	35.30 -0.34 0.00	23.78 -0.62 0.00	22.70 -0.83 0.00	30.78 -0.83 0.00	74.69 -3.68 0.00	71.59 -6.73 11.39	80.09 -4.57 3.04	26.91 -0.92 0.00	29.48 -0.28 -0.30	28.61 -0.15 -0.23	28.71 0.49 0.00	30.44 0.41 0.00	30.92 0.02 0.00	29.65 -0.50 0.00	41.29 -1.23 0.00	52.47 -1.73 0.00	96.89 -4.48 0.00	54.38 -2.23 0.00	38.86 -1.91 0.00	41.63 -1.79 0.00	40.28 -0.92 0.00	30.98 -0.25 0.00
DUNKIRK___2 23564	28.32 0.21 0.00	33.96 -0.19 0.00	35.30 -0.34 0.00	23.78 -0.62 0.00	22.70 -0.83 0.00	30.78 -0.83 0.00	74.69 -3.68 0.00	71.59 -6.73 11.39	80.09 -4.57 3.04	26.91 -0.92 0.00	29.48 -0.28 -0.30	28.61 -0.15 -0.23	28.71 0.49 0.00	30.44 0.41 0.00	30.92 0.02 0.00	29.65 -0.50 0.00	41.29 -1.23 0.00	52.47 -1.73 0.00	96.89 -4.48 0.00	54.38 -2.23 0.00	38.86 -1.91 0.00	41.63 -1.79 0.00	40.28 -0.92 0.00	30.98 -0.25 0.00
DUNKIRK___3 23565	28.25 0.13 0.00	33.91 -0.23 0.00	35.31 -0.33 0.00	23.85 -0.55 0.00	22.78 -0.75 0.00	30.88 -0.73 0.00	74.96 -3.41 0.00	73.81 -6.51 9.38	81.65 -4.37 1.67	27.01 -0.82 0.00	29.50 -0.26 -0.30	28.61 -0.15 -0.23	28.75 0.53 0.00	30.49 0.46 0.00	30.95 0.05 0.00	29.68 -0.47 0.00	41.29 -1.24 0.00	52.33 -1.86 0.00	96.57 -4.80 0.00	54.30 -2.31 0.00	38.89 -1.88 0.00	41.67 -1.76 0.00	40.21 -0.98 0.00	30.93 -0.30 0.00
DUNKIRK___4 23566	28.25 0.13 0.00	33.91 -0.23 0.00	35.31 -0.33 0.00	23.85 -0.55 0.00	22.78 -0.75 0.00	30.88 -0.73 0.00	74.96 -3.41 0.00	73.81 -6.51 9.38	81.65 -4.37 1.67	27.01 -0.82 0.00	29.50 -0.26 -0.30	28.61 -0.15 -0.23	28.75 0.53 0.00	30.49 0.46 0.00	30.95 0.05 0.00	29.68 -0.47 0.00	41.29 -1.24 0.00	52.33 -1.86 0.00	96.57 -4.80 0.00	54.30 -2.31 0.00	38.89 -1.88 0.00	41.67 -1.76 0.00	40.21 -0.98 0.00	30.93 -0.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.03 1.92 0.00	36.17 2.03 0.00	37.63 2.00 0.00	25.77 1.37 0.00	24.78 1.25 0.00	33.22 1.61 0.00	82.47 4.10 0.00	93.51 5.46 1.65	93.90 6.20 0.00	29.89 2.06 0.00	40.16 2.16 -8.54	29.04 2.17 1.67	24.13 2.01 6.10	29.66 2.16 2.54	31.56 1.96 1.30	31.11 1.97 1.01	44.67 2.20 0.06	56.37 3.20 1.02	107.33 6.52 0.55	59.84 3.23 0.00	43.03 2.26 0.00	45.78 2.36 0.00	43.53 2.33 0.00	32.86 1.63 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.07 1.95 0.00	36.24 2.10 0.00	37.74 2.10 0.00	25.83 1.44 0.00	24.85 1.32 0.00	33.36 1.75 0.00	82.93 4.56 0.00	93.84 5.86 1.72	94.13 6.43 0.00	29.86 2.03 0.00	35.44 2.08 -3.91	45.34 2.05 -14.75	38.93 1.92 -8.79	35.73 2.06 -3.65	34.63 1.86 -1.87	33.50 1.91 -1.44	44.83 2.22 -0.08	58.63 3.19 -1.24	108.53 6.49 -0.67	59.83 3.22 0.00	43.00 2.23 0.00	45.81 2.39 0.00	43.51 2.31 0.00	32.80 1.57 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.23 2.12 0.00	36.41 2.26 0.00	37.89 2.25 0.00	25.95 1.56 0.00	24.96 1.42 0.00	33.45 1.85 0.00	82.97 4.60 0.00	93.81 5.76 1.65	94.31 6.61 0.00	30.06 2.22 0.00	40.28 2.29 -8.54	92.37 2.28 -61.55	72.59 1.93 -42.44	50.40 2.09 -18.28	41.92 1.92 -9.10	39.02 1.95 -6.92	45.05 2.13 -0.40	64.19 3.12 -6.88	111.53 6.26 -3.90	59.96 3.35 0.00	43.08 2.31 0.00	45.90 2.48 0.00	43.73 2.54 0.00	33.02 1.79 0.00

E179THST_13_KV_LOAD 356214	30.35 2.24 0.00	36.54 2.40 0.00	38.01 2.37 0.00	26.04 1.64 0.00	25.03 1.50 0.00	33.57 1.96 0.00	83.28 4.90 0.00	94.20 6.14 1.65	94.73 7.03 0.00	30.18 2.35 0.00	40.41 2.42 -8.54	92.50 2.42 -61.55	72.73 2.07 -42.44	50.55 2.24 -18.28	42.07 2.07 -9.10	39.17 2.10 -6.92	45.27 2.34 -0.40	64.46 3.38 -6.88	112.03 6.76 -3.90	60.25 3.64 0.00	43.28 2.51 0.00	46.12 2.70 0.00	43.92 2.72 0.00	33.15 1.92 0.00
EAST HAMPTON___GT 23717	30.77 2.65 0.00	36.90 2.75 0.00	38.34 2.70 0.00	26.37 1.97 0.00	24.29 0.76 0.00	20.99 0.30 10.92	-27.24 1.02 106.63	-3.06 2.04 94.82	-21.30 2.86 111.86	26.41 0.98 2.40	-61.51 1.55 92.51	-108.95 2.17 139.66	-62.07 1.42 91.71	-67.49 1.66 99.18	-38.67 0.85 70.41	-24.88 0.80 55.82	-10.30 0.20 53.03	4.52 1.56 51.24	-12.95 4.40 118.73	-31.15 2.39 90.16	24.63 1.29 17.43	-50.76 1.08 95.26	-36.14 0.86 78.20	29.33 0.23 2.12
EAST RIVER___6 23660	30.23 2.11 0.00	36.38 2.23 0.00	37.84 2.19 0.00	25.91 1.51 0.00	24.92 1.39 0.00	33.41 1.80 0.00	82.95 4.58 0.00	94.08 6.03 1.65	94.57 6.86 0.00	30.19 2.35 0.00	40.48 2.49 -8.54	91.72 2.50 -60.68	70.99 2.30 -40.46	49.32 2.50 -16.80	41.81 2.29 -8.61	39.11 2.28 -6.68	45.50 2.59 -0.38	64.51 3.68 -6.63	112.17 7.22 -3.58	60.25 3.63 0.00	43.30 2.53 0.00	46.06 2.64 0.00	43.81 2.61 0.00	33.08 1.85 0.00
EAST RIVER___7 23524	30.23 2.11 0.00	36.38 2.23 0.00	37.84 2.19 0.00	25.91 1.51 0.00	24.92 1.39 0.00	33.41 1.80 0.00	82.95 4.58 0.00	94.08 6.03 1.65	94.57 6.86 0.00	30.19 2.35 0.00	40.48 2.49 -8.54	91.72 2.50 -60.68	70.99 2.30 -40.46	49.32 2.50 -16.80	41.81 2.29 -8.61	39.11 2.28 -6.68	45.50 2.59 -0.38	64.51 3.68 -6.63	112.17 7.22 -3.58	60.25 3.63 0.00	43.30 2.53 0.00	46.06 2.64 0.00	43.81 2.61 0.00	33.08 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.98 1.87 0.00	36.11 1.96 0.00	37.59 1.95 0.00	25.73 1.34 0.00	24.75 1.22 0.00	33.18 1.57 0.00	82.37 4.00 0.00	93.36 5.32 1.67	93.73 6.03 0.00	29.83 2.00 0.00	40.16 2.10 -8.61	72.16 2.11 -41.52	56.27 1.95 -26.11	42.97 2.10 -10.84	38.35 1.89 -5.56	36.37 1.90 -4.31	44.89 2.12 -0.24	61.56 3.10 -4.26	110.02 6.35 -2.30	59.74 3.13 0.00	42.95 2.18 0.00	45.73 2.30 0.00	43.48 2.28 0.00	32.82 1.59 0.00
EAST_HAMPTON___DIESEL 23722	30.77 2.66 0.00	36.91 2.76 0.00	38.34 2.70 0.00	26.37 1.97 0.00	24.24 0.71 0.00	20.90 0.21 10.92	-27.44 0.81 106.62	-3.30 1.81 94.81	-21.52 2.64 111.85	26.33 0.90 2.40	-61.53 1.51 92.49	-108.93 2.16 139.63	-62.09 1.37 91.68	-67.50 1.61 99.14	-38.73 0.76 70.38	-24.95 0.70 55.80	-10.42 0.07 53.01	4.39 1.41 51.22	-13.14 4.19 118.70	-31.21 2.32 90.14	24.53 1.19 17.43	-50.83 0.97 95.24	-36.24 0.75 78.18	29.24 0.13 2.12
EAST_POINT___SOLAR 323840	28.73 0.62 0.00	34.78 0.63 0.00	36.39 0.75 0.00	24.89 0.49 0.00	24.05 0.52 0.00	32.48 0.87 0.00	81.21 2.84 0.00	91.62 3.57 1.65	90.00 2.30 0.00	27.36 -0.48 0.00	28.56 -0.58 0.31	27.77 -0.53 0.24	27.82 -0.40 0.00	29.71 -0.32 0.00	30.67 -0.23 0.00	30.53 0.38 0.00	43.56 1.03 0.00	56.60 2.40 0.00	105.77 4.40 0.00	59.11 2.50 0.00	42.64 1.87 0.00	45.25 1.82 0.00	42.63 1.43 0.00	32.33 1.10 0.00
EAST_PULASKI___ESR 323781	27.65 -0.46 0.00	33.56 -0.59 0.00	35.03 -0.60 0.00	23.98 -0.41 0.00	23.08 -0.45 0.00	31.19 -0.42 0.00	77.66 -0.72 0.00	90.81 -0.76 -1.86	87.41 -0.29 0.00	27.50 -0.33 0.00	28.84 -0.61 0.00	27.91 -0.62 0.00	27.69 -0.54 0.00	29.71 -0.31 0.00	30.70 -0.20 0.00	29.91 -0.24 0.00	41.88 -0.65 0.00	53.40 -0.79 0.00	99.83 -1.54 0.00	55.76 -0.85 0.00	40.25 -0.53 0.00	42.92 -0.51 0.00	40.41 -0.79 0.00	30.55 -0.68 0.00
EAST_RIVER___1 323558	30.20 2.09 0.00	36.37 2.22 0.00	37.83 2.19 0.00	25.90 1.51 0.00	24.91 1.38 0.00	33.40 1.79 0.00	82.92 4.55 0.00	94.05 6.00 1.65	94.49 6.79 0.00	30.12 2.29 0.00	40.42 2.43 -8.54	91.64 2.42 -60.68	70.91 2.23 -40.46	49.24 2.42 -16.80	41.73 2.21 -8.61	39.04 2.22 -6.68	45.41 2.50 -0.38	64.43 3.60 -6.63	112.11 7.16 -3.58	60.18 3.57 0.00	43.25 2.48 0.00	46.03 2.60 0.00	43.78 2.59 0.00	33.08 1.85 0.00
EAST_RIVER___2 323559	30.23 2.11 0.00	36.38 2.23 0.00	37.84 2.19 0.00	25.91 1.51 0.00	24.92 1.39 0.00	33.41 1.80 0.00	82.95 4.58 0.00	94.08 6.03 1.65	94.57 6.86 0.00	30.19 2.35 0.00	40.48 2.49 -8.54	91.72 2.50 -60.68	70.99 2.30 -40.46	49.32 2.50 -16.80	41.81 2.29 -8.61	39.11 2.28 -6.68	45.50 2.59 -0.38	64.51 3.68 -6.63	112.17 7.22 -3.58	60.25 3.63 0.00	43.30 2.53 0.00	46.06 2.64 0.00	43.81 2.61 0.00	33.08 1.85 0.00
EAST___DELAWARE_HYD 23607	29.48 1.37 0.00	35.55 1.41 0.00	37.09 1.45 0.00	25.36 0.96 0.00	24.39 0.86 0.00	32.75 1.14 0.00	81.43 3.06 0.00	92.02 4.18 1.86	92.35 4.65 0.00	29.19 1.36 0.00	33.79 1.27 -3.06	41.42 1.22 -11.67	36.14 0.95 -6.97	33.27 0.35 -2.89	32.55 0.17 -1.48	31.56 0.27 -1.14	42.71 0.13 -0.06	55.89 0.70 -1.00	103.92 2.00 -0.54	57.40 0.79 0.00	41.42 0.65 0.00	45.12 1.69 0.00	42.81 1.61 0.00	32.27 1.04 0.00
EIGHT_POINT___WT_PWR 323820	27.52 -0.60 0.00	33.47 -0.67 0.00	35.13 -0.51 0.00	24.01 -0.39 0.00	22.89 -0.64 0.00	30.66 -0.95 0.00	75.81 -2.64 -0.07	81.09 -4.18 4.43	85.94 -3.65 -1.88	26.86 -1.62 -0.65	28.08 -1.80 -0.43	28.80 -1.78 -2.04	28.48 -1.60 -1.86	30.33 -0.53 -0.84	30.95 -0.53 -0.58	29.41 -1.46 -0.72	39.79 -2.74 -0.01	51.83 -2.54 -0.17	98.51 -2.96 -0.09	55.25 -1.36 0.00	39.44 -1.34 0.00	41.87 -1.55 0.00	40.33 -0.87 0.00	30.90 -0.34 0.00
ELBRIDGE_115KV_TB2 80188	27.87 -0.24 0.00	33.76 -0.39 0.00	35.26 -0.38 0.00	24.09 -0.30 0.00	23.25 -0.28 0.00	31.27 -0.34 0.00	77.56 -0.82 0.00	84.00 -1.32 4.39	86.82 -0.88 0.00	27.46 -0.38 0.00	29.22 -0.45 -0.22	28.28 -0.42 -0.17	27.88 -0.35 0.00	29.93 -0.10 0.00	30.75 -0.15 0.00	29.92 -0.23 0.00	41.99 -0.53 0.00	53.51 -0.68 0.00	99.97 -1.40 0.00	55.89 -0.73 0.00	40.27 -0.51 0.00	42.87 -0.55 0.00	40.68 -0.52 0.00	30.81 -0.42 0.00
ELEC_TRO_TEK 24086	30.07 1.96 0.00	36.16 2.01 0.00	37.59 1.95 0.00	25.77 1.38 0.00	24.71 1.18 0.00	32.98 1.37 0.00	81.73 3.36 0.00	92.75 4.90 1.86	90.92 5.83 2.61	29.49 1.97 0.32	39.69 2.10 -8.14	1.77 2.24 29.01	23.77 2.18 6.63	50.77 2.34 -18.40	49.22 2.10 -16.22	43.79 2.10 -11.54	42.83 2.05 1.74	71.10 3.26 -13.65	109.59 6.27 -1.95	59.59 2.97 -0.01	42.97 2.20 0.00	45.69 2.27 0.00	43.44 2.24 0.00	32.80 1.57 0.00
ELLENBURG_WT_PWR 323604	26.99 -1.12 0.00	-13.52 -1.09 46.57	-23.78 -1.23 58.19	-23.78 -0.89 47.28	-23.78 -0.80 46.51	-23.78 -1.03 54.36	-23.93 -2.40 99.91	-23.60 -2.60 110.70	16.08 -2.75 68.87	27.41 -0.43 0.00	29.63 0.19 0.00	28.39 -0.14 0.00	28.21 -0.01 0.00	30.19 0.16 0.00	31.27 0.38 0.00	30.37 0.22 0.00	42.80 0.27 0.00	54.30 0.10 0.00	101.28 -0.09 0.00	56.40 -0.21 0.00	40.57 -0.21 0.00	43.35 -0.07 0.00	41.57 0.37 0.00	31.58 0.35 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.04 -0.07 0.00	33.71 -0.43 0.00	35.15 -0.49 0.00	23.81 -0.59 0.00	22.76 -0.77 0.00	30.86 -0.75 0.00	74.80 -3.57 0.00	74.79 -7.16 7.76	82.28 -4.88 0.54	27.01 -0.82 0.00	29.36 -0.38 -0.29	28.39 -0.36 -0.22	28.70 0.48 0.00	30.43 0.41 0.00	30.91 0.01 0.00	29.67 -0.48 0.00	41.25 -1.28 0.00	51.81 -2.39 0.00	95.41 -5.96 0.00	53.97 -2.64 0.00	38.78 -1.99 0.00	41.62 -1.81 0.00	39.95 -1.25 0.00	30.80 -0.44 0.00
EMPIRE_CC_1 323656	29.16 1.04 0.00	35.33 1.18 0.00	36.77 1.13 0.00	25.18 0.78 0.00	24.27 0.74 0.00	32.46 0.85 0.00	80.65 2.27 0.00	90.95 2.58 1.35	90.84 3.14 0.00	28.71 0.88 0.00	29.51 0.86 0.80	26.03 0.88 3.39	26.89 0.75 2.08	30.00 0.84 0.86	31.08 0.62 0.44	30.45 0.64 0.34	43.16 0.65 0.02	54.78 0.91 0.32	103.45 2.26 0.17	57.57 0.96 0.00	41.51 0.73 0.00	44.22 0.79 0.00	42.03 0.83 0.00	31.77 0.54 0.00
EMPIRE_CC_2 323658	29.16 1.04 0.00	35.33 1.18 0.00	36.77 1.13 0.00	25.18 0.78 0.00	24.27 0.74 0.00	32.46 0.85 0.00	80.65 2.27 0.00	90.95 2.58 1.35	90.84 3.14 0.00	28.71 0.88 0.00	29.51 0.86 0.80	26.03 0.88 3.39	26.89 0.75 2.08	30.00 0.84 0.86	31.08 0.62 0.44	30.45 0.64 0.34	43.16 0.65 0.02	54.78 0.91 0.32	103.45 2.26 0.17	57.57 0.96 0.00	41.51 0.73 0.00	44.22 0.79 0.00	42.03 0.83 0.00	31.77 0.54 0.00
ENORWICH_115KV_TB1 80156	29.10 0.99 0.00	35.35 1.21 0.00	36.92 1.27 0.00	25.32 0.92 0.00	24.57 1.04 0.00	33.35 1.74 0.00	83.19 4.82 0.00	89.56 5.42 5.56	93.12 5.43 0.00	28.76 0.92 0.00	30.81 0.78 -0.58	31.81 0.71 -2.56	30.44 0.63 -1.58	31.61 0.93 -0.65	32.59 1.35 -0.34	32.09 1.68 -0.26	44.73 2.19 -0.01	57.15 2.71 -0.25	106.24 4.73 -0.13	59.79 3.17 0.00	43.12 2.35 0.00	45.44 2.02 0.00	43.19 1.99 0.00	32.72 1.49 0.00
ERIE_ST__34_KV_TB1-2 80199	28.20 0.09 0.00	33.91 -0.23 0.00	35.40 -0.24 0.00	23.99 -0.40 0.00	22.95 -0.58 0.00	31.12 -0.49 0.00	75.60 -2.77 0.00	76.74 -6.09 6.88	83.82 -3.88 0.00	27.34 -0.50 0.00	29.62 -0.13 -0.30	28.70 -0.06 -0.23	29.01 0.79 0.00	30.75 0.72 0.00	31.17 0.27 0.00	29.97 -0.18 0.00	41.58 -0.95 0.00	52.33 -1.87 0.00	96.32 -5.05 0.00	54.48 -2.34 0.00	39.19 -1.58 0.00	41.97 -1.45 0.00	40.27 -0.93 0.00	30.96 -0.27 0.00
ERIE_WT_PWR 323693	27.27 0.05 0.89	32.89 -0.27 0.99	34.29 -0.28 1.07	23.05 -0.45 0.90	21.91 -0.66 0.96	17.69 -0.58 13.34	73.53 -3.09 1.75	72.81 -6.67 10.22	80.35 -4.53 2.82	26.17 -0.68 0.98	29.48 -0.26 -0.29	28.35 -0.22 -0.03	27.80 0.59 1.02	29.88 0.53 0.68	30.14 0.08 0.83	28.45 -0.40 1.30	41.36 -1.17 0.00	52.04 -2.15 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.98 -1.79 0.00	41.82 -1.61 0.00	40.11 -1.08 0.00	30.91 -0.32 0.00
ESPRGFLD_115KV_TB1 80157	28.19 0.08 0.00	34.15 0.01 0.00	35.82 0.18 0.00	24.50 0.11 0.00	23.66 0.13 0.00	31.94 0.33 0.00	79.62 1.25 0.00	88.97 1.57 2.30	89.22 1.52 0.00	28.18 0.35 0.00	29.84 0.39 0.00	28.93 0.40 0.00	28.74 0.52 0.00	30.74 0.71 0.00	31.74 0.84 0.00	30.98 0.83 0.00	43.44 0.91 0.00	55.52 1.32 0.00	103.24 1.87 0.00	57.77 1.16 0.00	41.74 0.96 0.00	44.31 0.89 0.00	41.89 0.69 0.00	31.81 0.58 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.57 0.46 0.00	34.57 0.43 0.00	36.14 0.49 0.00	24.72 0.32 0.00	23.84 0.31 0.00	32.13 0.52 0.00	79.78 1.41 0.00	84.51 1.23 6.43	89.37 1.66 0.00	28.06 0.22 0.00	29.97 0.09 -0.43	30.49 0.07 -1.89	29.53 0.13 -1.17	31.05 0.55 -0.48	31.82 0.68 -0.25	30.96 0.62 -0.19	43.14 0.60 -0.01	55.14 0.76 -0.18	102.89 1.41 -0.10	57.50 0.89 0.00	41.43 0.66 0.00	44.05 0.62 0.00	41.84 0.64 0.00	31.69 0.46 0.00
ETNA____115KV_TB2 80207	28.57 0.46 0.00	34.57 0.43 0.00	36.14 0.49 0.00	24.72 0.32 0.00	23.84 0.31 0.00	32.13 0.52 0.00	79.78 1.41 0.00	84.51 1.23 6.43	89.37 1.66 0.00	28.06 0.22 0.00	29.97 0.09 -0.43	30.49 0.07 -1.89	29.53 0.13 -1.17	31.05 0.55 -0.48	31.82 0.68 -0.25	30.96 0.62 -0.19	43.14 0.60 -0.01	55.14 0.76 -0.18	102.89 1.41 -0.10	57.50 0.89 0.00	41.43 0.66 0.00	44.05 0.62 0.00	41.84 0.64 0.00	31.69 0.46 0.00
EUCLID___115KV_TB2 356179	27.73 -0.39 0.00	33.56 -0.58 0.00	35.03 -0.61 0.00	23.98 -0.42 0.00	23.11 -0.42 0.00	31.10 -0.51 0.00	77.05 -1.32 0.00	81.94 -1.95 5.83	86.20 -1.50 0.00	27.34 -0.49 0.00	29.06 -0.56 -0.17	28.14 -0.52 -0.12	27.83 -0.39 0.00	29.74 -0.29 0.00	30.55 -0.34 0.00	29.75 -0.40 0.00	41.78 -0.75 0.00	53.22 -0.97 0.00	99.43 -1.94 0.00	55.57 -1.04 0.00	40.03 -0.74 0.00	42.62 -0.80 0.00	40.42 -0.78 0.00	30.67 -0.57 0.00
E_CANADA_CAP_HY 24051	27.92 -0.19 0.00	33.83 -0.32 0.00	35.45 -0.19 0.00	24.26 -0.14 0.00	23.44 -0.10 0.00	31.65 0.04 0.00	79.12 0.75 0.00	88.85 0.98 1.83	88.28 0.57 0.00	27.69 -0.14 0.00	29.12 -0.12 0.21	28.28 -0.10 0.16	28.26 0.04 0.00	30.19 0.17 0.00	31.17 0.27 0.00	30.50 0.35 0.00	43.10 0.57 0.00	55.35 1.15 0.00	103.00 1.63 0.00	57.63 1.02 0.00	41.69 0.92 0.00	44.24 0.81 0.00	41.72 0.52 0.00	31.72 0.49 0.00
E_CANADA_MHWK_HY 24050	30.17 2.05 0.00	36.38 2.23 0.00	37.94 2.30 0.00	25.97 1.57 0.00	25.07 1.54 0.00	33.73 2.12 0.00	83.89 5.52 0.00	97.03 8.38 1.06	100.06 12.36 0.00	29.68 1.85 0.00	30.26 0.82 0.00	29.25 0.72 0.00	28.70 0.48 0.00	30.51 0.48 0.00	31.22 0.32 0.00	31.05 0.90 0.00	44.42 1.90 0.00	57.41 3.22 0.00	107.86 6.49 0.00	60.07 3.46 0.00	43.33 2.56 0.00	46.14 2.71 0.00	43.83 2.63 0.00	32.99 1.76 0.00
E_FISHKILL___LBMP 23776	29.63 1.52 0.00	35.73 1.59 0.00	37.21 1.57 0.00	25.49 1.09 0.00	24.54 1.01 0.00	32.85 1.24 0.00	81.47 3.10 0.00	92.25 4.09 1.55	92.45 4.75 0.00	29.41 1.58 0.00	29.91 1.62 1.17	18.30 1.65 11.89	21.50 1.50 8.22	28.24 1.62 3.41	30.56 1.42 1.75	30.25 1.46 1.36	43.98 1.53 0.07	55.19 2.31 1.31	105.58 4.92 0.71	59.01 2.39 0.00	42.47 1.69 0.00	45.24 1.82 0.00	43.03 1.83 0.00	32.47 1.24 0.00
FALCON___SEABRD_CC1 323796	26.33 -1.79 0.00	-14.06 -1.63 46.57	-24.45 -1.77 58.32	-24.11 -1.23 47.28	-24.04 -1.06 46.51	-24.15 -1.40 54.36	-24.73 -3.11 100.00	-25.44 -3.56 111.58	14.93 -3.77 69.00	27.31 -0.52 0.00	29.92 0.47 0.00	28.53 -0.01 0.00	28.38 0.16 0.00	30.42 0.39 0.00	31.54 0.65 0.00	30.42 0.27 0.00	42.50 -0.02 0.00	53.64 -0.55 0.00	100.04 -1.33 0.00	55.50 -1.12 0.00	39.94 -0.83 0.00	42.92 -0.50 0.00	41.69 0.49 0.00	31.74 0.51 0.00
FALCON___SEABRD_CC2 323797	26.33 -1.79 0.00	-14.06 -1.63 46.57	-24.45 -1.77 58.32	-24.11 -1.23 47.28	-24.04 -1.06 46.51	-24.15 -1.40 54.36	-24.73 -3.11 100.00	-25.44 -3.56 111.58	14.93 -3.77 69.00	27.31 -0.52 0.00	29.92 0.47 0.00	28.53 -0.01 0.00	28.38 0.16 0.00	30.42 0.39 0.00	31.54 0.65 0.00	30.42 0.27 0.00	42.50 -0.02 0.00	53.64 -0.55 0.00	100.04 -1.33 0.00	55.50 -1.12 0.00	39.94 -0.83 0.00	42.92 -0.50 0.00	41.69 0.49 0.00	31.74 0.51 0.00

FAR ROCKAWAY___4 23548	30.41 2.30 0.00	36.57 2.42 0.00	38.00 2.36 0.00	26.05 1.65 0.00	24.96 1.43 0.00	33.32 1.70 0.00	82.48 4.11 0.00	93.85 5.80 1.65	94.45 6.75 0.00	30.11 2.28 0.00	40.41 2.43 -8.53	1.58 2.58 29.54	22.29 2.52 8.45	49.12 2.69 -16.40	48.18 2.46 -14.81	43.38 2.46 -10.78	44.76 2.54 0.30	70.67 3.95 -12.52	112.85 7.60 -3.87	60.35 3.73 -0.01	43.58 2.80 0.00	46.29 2.86 0.00	43.99 2.79 0.00	33.22 1.99 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.22 2.10 0.00	36.38 2.23 0.00	37.84 2.20 0.00	25.91 1.51 0.00	24.91 1.38 0.00	33.41 1.80 0.00	82.93 4.56 0.00	94.06 6.01 1.65	94.49 6.79 0.00	30.12 2.29 0.00	40.41 2.42 -8.54	92.50 2.41 -61.55	71.55 2.22 -41.11	49.50 2.41 -17.07	41.85 2.19 -8.75	39.14 2.20 -6.79	45.39 2.48 -0.39	64.49 3.56 -6.74	112.14 7.13 -3.64	60.17 3.56 0.00	43.24 2.47 0.00	46.03 2.60 0.00	43.78 2.59 0.00	33.08 1.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.22 2.10 0.00	36.38 2.23 0.00	37.84 2.20 0.00	25.91 1.51 0.00	24.92 1.39 0.00	33.41 1.80 0.00	82.93 4.56 0.00	94.06 6.01 1.65	94.49 6.79 0.00	30.12 2.29 0.00	40.40 2.41 -8.54	92.50 2.41 -61.55	71.54 2.22 -41.11	49.49 2.40 -17.07	41.85 2.19 -8.75	39.13 2.20 -6.79	45.39 2.48 -0.39	64.49 3.55 -6.74	112.14 7.13 -3.64	60.17 3.56 0.00	43.25 2.48 0.00	46.03 2.60 0.00	43.78 2.59 0.00	33.08 1.85 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.20 2.08 0.00	36.36 2.21 0.00	37.82 2.18 0.00	25.89 1.49 0.00	24.90 1.37 0.00	33.40 1.79 0.00	82.87 4.50 0.00	94.02 5.96 1.65	94.44 6.74 0.00	30.11 2.27 0.00	40.39 2.40 -8.54	92.48 2.39 -61.55	71.53 2.21 -41.11	49.48 2.38 -17.07	41.83 2.18 -8.75	39.12 2.19 -6.79	45.37 2.46 -0.39	64.48 3.54 -6.74	112.08 7.07 -3.64	60.13 3.52 0.00	43.21 2.44 0.00	46.00 2.58 0.00	43.75 2.55 0.00	33.06 1.83 0.00
FARRAGUT___LBMP 323566	30.18 2.06 0.00	36.34 2.19 0.00	37.80 2.16 0.00	25.88 1.48 0.00	24.89 1.36 0.00	33.38 1.77 0.00	82.84 4.47 0.00	93.96 5.90 1.65	94.35 6.65 0.00	30.08 2.25 0.00	40.36 2.37 -8.54	92.45 2.37 -61.55	71.50 2.18 -41.11	49.44 2.35 -17.07	41.80 2.15 -8.75	39.09 2.16 -6.79	45.33 2.42 -0.39	64.42 3.49 -6.74	111.99 6.98 -3.64	60.10 3.49 0.00	43.18 2.41 0.00	45.97 2.54 0.00	43.73 2.53 0.00	33.04 1.81 0.00
FENNER___WINDPWR 24204	28.51 0.40 0.00	34.56 0.42 0.00	36.10 0.46 0.00	24.74 0.34 0.00	23.87 0.33 0.00	32.21 0.60 0.00	80.15 1.77 0.00	86.90 2.20 5.01	90.01 2.31 0.00	28.27 0.43 0.00	29.91 0.22 -0.23	28.88 0.17 -0.18	28.40 0.18 0.00	30.44 0.41 0.00	31.49 0.59 0.00	30.86 0.71 0.00	43.35 0.83 0.00	55.39 1.19 0.00	103.29 1.92 0.00	57.69 1.08 0.00	41.57 0.80 0.00	44.26 0.84 0.00	41.87 0.67 0.00	31.71 0.48 0.00
FIBERTEK___ENERGY 23856	28.08 -0.04 0.00	33.98 -0.17 0.00	35.48 -0.16 0.00	24.22 -0.17 0.00	23.37 -0.16 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.39 -0.31 0.00	27.62 -0.22 0.00	29.38 -0.28 -0.21	28.42 -0.27 -0.16	28.04 0.05 0.00	30.08 0.02 0.00	30.92 0.02 0.00	30.10 -0.05 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
FITZPATRICK___ 23598	27.29 -0.83 0.00	33.07 -1.08 0.00	34.52 -1.12 0.00	23.63 -0.77 0.00	22.77 -0.76 0.00	30.63 -0.98 0.00	75.89 -2.48 0.00	18.42 -3.30 67.99	84.89 -2.81 0.00	26.94 -0.90 0.00	28.48 -0.97 0.00	27.61 -0.92 0.00	27.38 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.86 0.00	29.26 -0.89 0.00	41.14 -1.39 0.00	52.40 -1.80 0.00	97.91 -3.46 0.00	54.72 -1.89 0.00	39.44 -1.34 0.00	42.00 -1.43 0.00	39.81 -1.39 0.00	30.21 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.24 2.12 0.00	36.45 2.30 0.00	37.98 2.34 0.00	25.99 1.59 0.00	25.02 1.49 0.00	33.57 1.96 0.00	83.41 5.03 0.00	94.48 6.41 1.64	94.69 6.99 0.00	30.07 2.24 0.00	34.17 2.36 -2.36	36.64 2.32 -5.78	33.38 2.18 -2.98	33.61 2.34 -1.24	33.72 2.18 -0.63	32.79 2.19 -0.44	45.11 2.57 -0.01	57.56 3.36 0.00	108.09 6.72 0.00	60.00 3.39 0.00	43.16 2.38 0.00	45.96 2.53 0.00	43.64 2.44 0.00	32.90 1.67 0.00
FORT ORANGE___ 23900	28.92 0.80 0.00	35.04 0.89 0.00	36.49 0.85 0.00	25.02 0.63 0.00	24.20 0.67 0.00	33.42 1.81 0.00	83.15 4.78 0.00	94.03 5.71 1.39	93.40 5.70 0.00	28.79 0.96 0.00	30.16 0.71 0.00	29.19 0.66 0.00	28.72 0.50 0.00	30.61 0.58 0.00	31.32 0.43 0.00	30.71 0.56 0.00	42.92 0.41 0.01	54.48 0.53 0.25	103.01 1.78 0.13	57.36 0.75 0.00	41.32 0.55 0.00	44.03 0.60 0.00	41.79 0.60 0.00	31.62 0.39 0.00
FORT_DRUM_COGEN 23780	27.87 -0.25 0.00	34.06 -0.08 0.00	35.98 -0.12 -0.46	24.32 -0.08 0.00	23.34 -0.19 0.00	31.86 0.25 0.00	80.78 2.11 -0.30	96.63 3.83 -3.09	92.12 3.96 -0.46	28.38 0.55 0.00	29.26 -0.19 0.00	28.13 -0.41 0.00	27.70 -0.52 0.00	30.20 0.18 0.00	31.63 0.73 0.00	31.07 0.92 0.00	43.39 0.86 0.00	55.84 1.64 0.00	104.12 2.74 0.00	58.12 1.50 0.00	42.01 1.24 0.00	44.80 1.38 0.00	41.55 0.35 0.00	31.14 -0.09 0.00
FOX_HILLS___ESR 323835	30.26 2.14 0.00	36.42 2.27 0.00	37.90 2.26 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.45 1.84 0.00	82.90 4.52 0.00	94.08 6.03 1.65	94.49 6.79 0.00	30.17 2.33 0.00	40.39 2.40 -8.54	96.37 2.37 -65.47	74.14 1.89 -44.03	50.41 2.10 -18.28	42.25 1.97 -9.37	39.36 1.94 -7.27	45.11 2.17 -0.41	64.69 3.28 -7.22	111.80 6.54 -3.90	60.27 3.66 0.00	43.28 2.51 0.00	46.08 2.66 0.00	43.90 2.70 0.00	33.22 1.98 0.00
FPL_FAR_ROCK_GT1 24212	30.41 2.30 0.00	36.57 2.42 0.00	38.00 2.36 0.00	26.05 1.65 0.00	24.97 1.44 0.00	33.32 1.71 0.00	82.48 4.11 0.00	93.86 5.81 1.65	94.45 6.75 0.00	30.11 2.28 0.00	40.40 2.42 -8.53	1.58 2.58 29.54	22.28 2.52 8.45	49.11 2.68 -16.40	48.17 2.45 -14.81	43.36 2.44 -10.78	44.76 2.54 0.30	70.67 3.96 -12.52	112.84 7.60 -3.87	60.36 3.73 -0.01	43.57 2.80 0.00	46.29 2.86 0.00	44.00 2.80 0.00	33.22 1.99 0.00
FPL_FAR_ROCK_GT2 23815	30.41 2.30 0.00	36.57 2.42 0.00	38.00 2.36 0.00	26.05 1.65 0.00	24.97 1.44 0.00	33.32 1.71 0.00	82.48 4.11 0.00	93.86 5.81 1.65	94.45 6.75 0.00	30.11 2.28 0.00	40.40 2.42 -8.53	1.58 2.58 29.54	22.28 2.52 8.45	49.11 2.68 -16.40	48.17 2.45 -14.81	43.36 2.44 -10.78	44.76 2.54 0.30	70.67 3.96 -12.52	112.84 7.60 -3.87	60.36 3.73 -0.01	43.57 2.80 0.00	46.29 2.86 0.00	44.00 2.80 0.00	33.22 1.99 0.00
FRANKLIN_FALL_HYD 24054	27.58 -0.54 0.00	-12.76 -0.33 46.57	-6.48 -0.37 41.75	-23.21 -0.32 47.28	-23.28 -0.30 46.51	-23.06 -0.31 54.36	-11.41 -0.61 89.17	88.43 -0.30 0.98	34.77 -0.56 52.37	27.95 0.11 0.00	30.27 0.83 0.00	28.75 0.21 0.00	28.46 0.24 0.00	30.45 0.42 0.00	31.53 0.63 0.00	30.74 0.59 0.00	43.39 0.86 0.00	55.29 1.09 0.00	103.17 1.79 0.00	57.53 0.92 0.00	41.44 0.67 0.00	44.21 0.79 0.00	42.11 0.92 0.00	31.96 0.73 0.00

FREEPORT_EQUS_GT1 23764	30.19 2.07 0.00	36.28 2.14 0.00	37.71 2.07 0.00	25.85 1.45 0.00	24.77 1.24 0.00	33.05 1.44 0.00	81.90 3.53 0.00	92.46 5.15 2.39	84.47 6.04 9.26	28.73 2.04 1.14	38.76 2.16 -7.15	0.13 2.30 30.70	17.97 2.23 12.48	42.65 2.39 -10.24	43.20 2.15 -10.15	38.63 2.15 -6.33	39.26 2.14 5.41	66.17 3.42 -8.56	102.46 6.52 5.44	59.76 3.14 -0.01	43.15 2.38 0.00	45.85 2.43 0.00	43.61 2.41 0.00	32.91 1.68 0.00
FREEPORT___CT2 23818	30.19 2.07 0.00	36.28 2.14 0.00	37.71 2.07 0.00	25.85 1.45 0.00	24.77 1.24 0.00	33.05 1.44 0.00	81.90 3.53 0.00	92.46 5.15 2.39	84.47 6.04 9.26	28.73 2.04 1.14	38.76 2.16 -7.15	0.13 2.30 30.70	17.97 2.23 12.48	42.65 2.39 -10.24	43.20 2.15 -10.15	38.63 2.15 -6.33	39.26 2.14 5.41	66.17 3.42 -8.56	102.46 6.52 5.44	59.76 3.14 -0.01	43.15 2.38 0.00	45.85 2.43 0.00	43.61 2.41 0.00	32.91 1.68 0.00
FRESHKLS_33_KV_LOAD 356253	30.32 2.21 0.00	36.49 2.35 0.00	37.98 2.34 0.00	26.01 1.61 0.00	25.00 1.47 0.00	33.52 1.91 0.00	83.01 4.63 0.00	94.19 6.13 1.65	94.54 6.84 0.00	30.21 2.38 0.00	40.42 2.43 -8.54	96.39 2.39 -65.47	74.10 1.85 -44.03	50.39 2.08 -18.28	42.27 2.00 -9.37	39.36 1.94 -7.27	45.10 2.16 -0.41	64.74 3.33 -7.22	111.89 6.62 -3.90	60.39 3.78 0.00	43.36 2.59 0.00	46.16 2.73 0.00	43.99 2.79 0.00	33.33 2.10 0.00
FULTON COGEN____ 23766	27.60 -0.51 0.00	33.41 -0.73 0.00	34.87 -0.78 0.00	23.89 -0.51 0.00	23.02 -0.51 0.00	31.00 -0.61 0.00	76.84 -1.53 0.00	90.49 -2.19 -2.97	86.00 -1.70 0.00	27.25 -0.58 0.00	28.92 -0.55 -0.02	28.35 -0.30 -0.12	28.16 -0.06 0.00	30.11 0.08 0.00	30.92 0.03 0.00	29.74 -0.41 0.00	41.59 -0.93 0.00	52.97 -1.22 0.00	99.02 -2.35 0.00	55.33 -1.28 0.00	39.87 -0.90 0.00	42.46 -0.97 0.00	40.22 -0.98 0.00	30.51 -0.72 0.00
FULTON___LFGE 323630	28.75 0.63 0.00	34.81 0.66 0.00	36.41 0.76 0.00	24.90 0.50 0.00	24.05 0.52 0.00	32.44 0.83 0.00	81.04 2.67 0.00	91.41 3.32 1.61	90.49 2.79 0.00	27.93 0.09 0.00	29.07 -0.04 0.34	28.19 -0.08 0.26	28.16 -0.06 0.00	30.05 0.02 0.00	30.93 0.04 0.00	30.53 0.38 0.00	43.74 1.21 0.00	56.41 2.22 0.00	105.45 4.08 0.00	58.87 2.26 0.00	42.48 1.71 0.00	45.10 1.67 0.00	42.54 1.34 0.00	32.26 1.02 0.00
G.F.CEMENT___DRP 24184	29.64 1.52 0.00	35.81 1.66 0.00	37.31 1.67 0.00	25.61 1.21 0.00	24.74 1.21 0.00	33.17 1.56 0.00	82.80 4.43 0.00	93.85 5.43 1.29	93.16 5.46 0.00	29.03 1.20 0.00	29.89 1.00 0.56	27.06 0.97 2.45	27.51 0.80 1.51	30.30 0.90 0.63	31.30 0.72 0.32	30.89 0.99 0.25	44.21 1.70 0.01	56.81 2.85 0.24	107.74 6.49 0.13	59.99 3.38 0.00	43.16 2.39 0.00	45.71 2.29 0.00	43.36 2.16 0.00	32.58 1.35 0.00
GARDENVILLE___LBMP 24039	28.06 -0.06 0.00	33.77 -0.38 0.00	35.22 -0.42 0.00	23.88 -0.52 0.00	22.81 -0.73 0.00	30.91 -0.70 0.00	75.01 -3.36 0.00	75.83 -6.97 6.91	82.95 -4.75 0.00	27.07 -0.76 0.00	29.41 -0.33 -0.29	28.47 -0.28 -0.22	28.81 0.59 0.00	30.50 0.48 0.00	30.89 -0.01 0.00	29.57 -0.58 0.00	41.12 -1.41 0.00	51.82 -2.38 0.00	95.69 -5.68 0.00	54.11 -2.50 0.00	38.86 -1.91 0.00	41.66 -1.77 0.00	40.00 -1.19 0.00	30.83 -0.41 0.00
GARDNVLA_35_KV_LD 355827	28.22 0.10 0.00	33.94 -0.20 0.00	35.40 -0.24 0.00	23.99 -0.41 0.00	22.91 -0.62 0.00	31.08 -0.53 0.00	75.49 -2.88 0.00	76.23 -6.46 7.03	83.46 -4.24 0.00	27.24 -0.60 0.00	29.58 -0.16 -0.29	28.62 -0.14 -0.22	28.93 0.71 0.00	30.67 0.64 0.00	31.11 0.22 0.00	29.87 -0.27 0.00	41.56 -0.97 0.00	52.31 -1.89 0.00	96.43 -4.94 0.00	54.55 -2.06 0.00	39.19 -1.59 0.00	42.01 -1.42 0.00	40.29 -0.90 0.00	31.02 -0.22 0.00
GELCKHM___115KV_LOAD 80723	27.87 -0.25 0.00	33.72 -0.42 0.00	35.22 -0.43 0.00	24.07 -0.33 0.00	23.20 -0.33 0.00	31.23 -0.38 0.00	77.44 -0.93 0.00	82.79 -1.49 5.43	86.66 -1.04 0.00	27.45 -0.39 0.00	29.17 -0.46 -0.18	28.25 -0.42 -0.14	27.90 -0.32 0.00	29.87 -0.16 0.00	30.70 -0.20 0.00	29.89 -0.26 0.00	41.96 -0.57 0.00	53.45 -0.75 0.00	99.87 -1.50 0.00	55.81 -0.81 0.00	40.21 -0.57 0.00	42.80 -0.62 0.00	40.59 -0.61 0.00	30.78 -0.45 0.00
GENERAL___MILLS 23808	28.14 0.03 0.00	33.84 -0.30 0.00	35.31 -0.33 0.00	23.93 -0.47 0.00	22.86 -0.67 0.00	31.00 -0.61 0.00	75.21 -3.17 7.03	75.93 -6.75 7.03	83.18 -4.52 0.00	27.14 -0.69 0.00	29.48 -0.26 -0.29	28.53 -0.23 -0.22	28.84 0.62 0.00	30.57 0.54 0.00	31.00 0.10 0.00	29.75 -0.40 0.00	41.37 -1.16 0.00	52.06 -2.14 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.99 -1.78 0.00	41.81 -1.61 0.00	40.14 -1.06 0.00	30.91 -0.32 0.00
GE_PLASTICS___DRP 24183	28.84 0.72 0.00	34.95 0.80 0.00	36.43 0.79 0.00	24.97 0.57 0.00	24.06 0.53 0.00	32.19 0.58 0.00	79.88 1.51 0.00	90.08 1.69 1.31	89.82 2.12 0.00	28.41 0.58 0.00	29.45 0.55 0.55	26.63 0.58 2.48	27.15 0.47 1.54	29.93 0.54 0.64	30.95 0.38 0.33	30.28 0.39 0.26	42.84 0.33 0.01	54.52 0.57 0.25	102.88 1.64 0.13	57.31 0.70 0.00	41.29 0.52 0.00	44.03 0.60 0.00	41.81 0.62 0.00	31.64 0.40 0.00
GILBOA___1 23756	28.95 0.84 0.00	35.05 0.90 0.00	36.79 1.15 0.00	25.20 0.80 0.00	24.28 0.75 0.00	32.39 0.78 0.00	80.17 1.79 0.00	89.95 2.10 1.85	90.16 2.46 0.00	28.64 0.81 0.00	30.27 0.82 0.00	29.38 0.84 0.00	28.98 0.76 0.00	30.90 0.87 0.00	31.61 0.72 0.00	30.88 0.73 0.00	43.22 0.70 0.00	54.98 0.79 0.00	103.19 1.81 0.00	57.45 0.83 0.00	41.46 0.69 0.00	44.35 0.93 0.00	42.16 0.96 0.00	31.89 0.65 0.00
GILBOA___2 23757	28.95 0.84 0.00	35.05 0.90 0.00	36.79 1.15 0.00	25.20 0.80 0.00	24.28 0.75 0.00	32.39 0.78 0.00	80.17 1.79 0.00	89.95 2.10 1.85	90.16 2.46 0.00	28.64 0.81 0.00	30.27 0.82 0.00	29.38 0.84 0.00	28.98 0.76 0.00	30.90 0.87 0.00	31.61 0.72 0.00	30.88 0.73 0.00	43.22 0.70 0.00	54.98 0.79 0.00	103.19 1.81 0.00	57.45 0.83 0.00	41.46 0.69 0.00	44.35 0.93 0.00	42.16 0.96 0.00	31.89 0.65 0.00
GILBOA___3 23758	28.95 0.84 0.00	35.05 0.90 0.00	36.79 1.15 0.00	25.20 0.80 0.00	24.28 0.75 0.00	32.39 0.78 0.00	80.17 1.79 0.00	89.95 2.10 1.85	90.16 2.46 0.00	28.64 0.81 0.00	30.27 0.82 0.00	29.38 0.84 0.00	28.98 0.76 0.00	30.90 0.87 0.00	31.61 0.72 0.00	30.88 0.73 0.00	43.22 0.70 0.00	54.98 0.79 0.00	103.19 1.81 0.00	57.45 0.83 0.00	41.46 0.69 0.00	44.35 0.93 0.00	42.16 0.96 0.00	31.89 0.65 0.00
GILBOA___4 23759	28.95 0.84 0.00	35.05 0.90 0.00	36.79 1.15 0.00	25.20 0.80 0.00	24.28 0.75 0.00	32.39 0.78 0.00	80.17 1.79 0.00	89.95 2.10 1.85	90.16 2.46 0.00	28.64 0.81 0.00	30.27 0.82 0.00	29.38 0.84 0.00	28.98 0.76 0.00	30.90 0.87 0.00	31.61 0.72 0.00	30.88 0.73 0.00	43.22 0.70 0.00	54.98 0.79 0.00	103.19 1.81 0.00	57.45 0.83 0.00	41.46 0.69 0.00	44.35 0.93 0.00	42.16 0.96 0.00	31.89 0.65 0.00

GILBOA____ 23599	28.96 0.84 0.00	35.04 0.90 0.00	36.79 1.15 0.00	25.20 0.80 0.00	24.28 0.74 0.00	32.39 0.78 0.00	80.17 1.79 0.00	89.96 2.10 1.85	90.17 2.46 0.00	28.64 0.81 0.00	30.27 0.82 0.00	29.38 0.84 0.00	28.98 0.76 0.00	30.90 0.87 0.00	31.62 0.72 0.00	30.88 0.73 0.00	43.22 0.70 0.00	54.97 0.77 0.00	103.19 1.82 0.00	57.45 0.83 0.00	41.47 0.69 0.00	44.35 0.93 0.00	42.16 0.96 0.00	31.89 0.65 0.00
GINNA____ 23603	26.53 -1.34 0.24	32.07 -1.81 0.27	33.44 -1.92 0.29	22.76 -1.40 0.24	21.88 -1.40 0.26	26.32 -1.70 3.59	73.28 -4.62 0.47	75.70 -6.34 7.66	81.60 -5.43 0.67	26.04 -1.57 0.23	28.11 -1.54 -0.21	27.28 -1.36 -0.11	27.05 -0.93 0.24	28.95 -0.91 0.17	29.46 -1.22 0.21	28.38 -1.44 0.33	40.46 -2.07 0.00	51.34 -2.85 0.00	95.52 -5.85 0.00	53.52 -3.10 0.00	38.47 -2.31 0.00	41.05 -2.38 0.00	38.97 -2.23 0.00	29.69 -1.54 0.00
GLEN PARK____ 23778	28.02 -0.09 0.00	34.24 0.09 0.00	36.13 0.05 -0.43	24.44 0.04 0.00	23.46 -0.08 0.00	32.00 0.39 0.00	81.13 2.48 -0.28	96.86 4.23 -2.92	92.46 4.32 -0.44	28.42 0.58 0.00	29.22 -0.23 0.00	28.08 -0.46 0.00	27.66 -0.56 0.00	30.21 0.19 0.00	31.71 0.81 0.00	31.20 1.05 0.00	43.57 1.05 0.00	56.02 1.82 0.00	104.59 3.22 0.00	58.40 1.79 0.00	42.20 1.43 0.00	44.98 1.55 0.00	41.72 0.52 0.00	31.27 0.04 0.00
GLENDALE_27_KV_LOAD 356172	30.34 2.23 0.00	36.51 2.37 0.00	37.97 2.33 0.00	26.00 1.60 0.00	25.01 1.48 0.00	33.54 1.93 0.00	83.19 4.82 0.00	94.37 6.31 1.65	94.80 7.10 0.00	30.27 2.44 0.00	40.54 2.55 -8.54	96.55 2.54 -65.47	74.49 2.24 -44.03	50.72 2.41 -18.28	42.51 2.24 -9.37	39.68 2.26 -7.27	45.51 2.57 -0.41	65.07 3.65 -7.22	112.55 7.28 -3.90	60.40 3.79 0.00	43.40 2.63 0.00	46.20 2.77 0.00	43.97 2.77 0.00	33.23 2.00 0.00
GLENWOOD_IC_1_G5 23712	30.16 2.05 0.00	36.30 2.15 0.00	37.74 2.10 0.00	25.86 1.46 0.00	24.83 1.30 0.00	33.20 1.59 0.00	82.36 3.99 0.00	93.13 5.51 2.09	88.60 6.35 5.44	29.29 2.13 0.67	39.43 2.26 -7.72	1.70 2.34 29.18	23.24 2.23 7.21	49.76 2.41 -17.33	48.48 2.19 -15.39	42.96 2.18 -10.62	41.54 2.32 3.31	70.62 3.48 -12.95	107.99 6.79 0.17	59.96 3.34 -0.01	43.18 2.41 0.00	45.92 2.49 0.00	43.65 2.45 0.00	32.95 1.72 0.00
GLENWOOD_IC_2_G1 23688	30.06 1.95 0.00	36.20 2.05 0.00	37.65 2.01 0.00	25.78 1.39 0.00	24.77 1.24 0.00	33.15 1.54 0.00	82.24 3.87 0.00	93.34 5.28 1.65	93.79 6.09 0.00	29.87 2.04 0.00	40.13 2.15 -8.53	-5.31 2.21 36.05	-0.64 2.09 30.95	20.31 2.25 11.96	27.09 2.04 5.85	27.62 2.04 4.57	44.39 2.17 0.30	52.97 3.26 4.48	105.23 6.42 2.56	59.77 3.16 0.00	43.03 2.25 0.00	45.77 2.35 0.00	43.53 2.33 0.00	32.86 1.63 0.00
GLENWOOD_IC_3_G1 23689	30.06 1.95 0.00	36.20 2.05 0.00	37.65 2.01 0.00	25.78 1.39 0.00	24.77 1.24 0.00	33.15 1.54 0.00	82.24 3.87 0.00	93.34 5.28 1.65	93.79 6.09 0.00	29.87 2.04 0.00	40.13 2.15 -8.53	-5.31 2.21 36.05	-0.64 2.09 30.95	20.31 2.25 11.96	27.09 2.04 5.85	27.62 2.04 4.57	44.39 2.17 0.30	52.97 3.26 4.48	105.23 6.42 2.56	59.77 3.16 0.00	43.03 2.25 0.00	45.77 2.35 0.00	43.53 2.33 0.00	32.86 1.63 0.00
GLENWOOD____4 23550	30.16 2.05 0.00	36.30 2.15 0.00	37.74 2.10 0.00	25.86 1.46 0.00	24.83 1.30 0.00	33.20 1.59 0.00	82.36 3.99 0.00	93.13 5.51 2.09	88.60 6.35 5.44	29.29 2.13 0.67	39.43 2.26 -7.72	1.70 2.34 29.18	23.24 2.23 7.21	49.76 2.41 -17.33	48.48 2.19 -15.39	42.96 2.18 -10.62	41.54 2.32 3.31	70.62 3.48 -12.95	107.99 6.79 0.17	59.96 3.34 -0.01	43.18 2.41 0.00	45.92 2.49 0.00	43.65 2.45 0.00	32.95 1.72 0.00
GLENWOOD____5 23614	30.16 2.05 0.00	36.30 2.15 0.00	37.74 2.10 0.00	25.86 1.46 0.00	24.83 1.30 0.00	33.20 1.59 0.00	82.36 3.99 0.00	93.13 5.51 2.09	88.60 6.35 5.44	29.29 2.13 0.67	39.43 2.26 -7.72	1.70 2.34 29.18	23.24 2.23 7.21	49.76 2.41 -17.33	48.48 2.19 -15.39	42.96 2.18 -10.62	41.54 2.32 3.31	70.62 3.48 -12.95	107.99 6.79 0.17	59.96 3.34 -0.01	43.18 2.41 0.00	45.92 2.49 0.00	43.65 2.45 0.00	32.95 1.72 0.00
GLOBAL GREEN_PORT_GT1 23814	30.69 2.57 0.00	36.81 2.67 0.00	38.24 2.60 0.00	26.30 1.90 0.00	24.45 0.91 0.00	21.28 0.62 10.95	-26.81 1.73 106.91	-2.37 2.93 95.01	-20.66 3.71 112.07	26.69 1.26 2.40	-62.14 1.70 93.29	-109.78 2.21 140.52	-62.72 1.61 92.55	-68.46 1.84 100.33	-39.17 1.19 71.26	-25.15 1.16 56.47	-10.21 0.75 53.49	4.58 2.12 51.74	-13.08 5.06 119.51	-31.57 2.61 90.79	24.87 1.61 17.51	-51.07 1.45 95.95	-36.29 1.28 78.77	29.70 0.61 2.14
GLOBE____DSASP 323697	27.63 -0.49 0.00	33.22 -0.93 0.00	34.64 -1.00 0.00	23.46 -0.93 0.00	22.44 -1.09 0.00	30.42 -1.19 0.00	73.48 -4.89 0.00	73.40 -9.36 6.95	80.93 -6.77 0.00	26.42 -1.42 0.00	28.70 -1.03 -0.27	27.68 -1.06 -0.21	28.08 -0.14 0.00	29.76 -0.26 0.00	30.29 -0.60 0.00	29.10 -1.05 0.00	40.39 -2.14 0.00	50.36 -3.83 0.00	92.42 -8.95 0.00	52.46 -4.15 0.00	37.83 -2.95 0.00	40.72 -2.70 0.00	39.05 -2.15 0.00	30.32 -0.91 0.00
GOETHSLN____LBMP 323567	30.10 1.98 0.00	36.24 2.10 0.00	37.69 2.05 0.00	25.80 1.41 0.00	24.82 1.29 0.00	33.29 1.68 0.00	82.62 4.25 0.00	93.68 5.63 1.65	94.08 6.38 0.00	29.99 2.16 0.00	40.27 2.27 -8.54	92.36 2.28 -61.55	71.43 2.10 -41.11	49.36 2.26 -17.07	41.72 2.07 -8.75	39.01 2.08 -6.79	45.20 2.28 -0.39	64.28 3.34 -6.74	111.78 6.77 -3.64	59.91 3.30 0.00	43.04 2.27 0.00	45.82 2.39 0.00	43.58 2.38 0.00	32.93 1.70 0.00
GOLAH____69_KV_TB 1_2 80279	28.50 0.39 0.00	34.30 0.16 0.00	35.77 0.12 0.00	24.34 -0.06 0.00	23.36 -0.17 0.00	31.60 -0.01 0.00	77.62 -0.75 0.00	80.04 -2.68 6.99	86.34 -1.36 0.00	27.63 -0.20 0.00	29.63 -0.03 -0.22	28.79 0.08 -0.17	29.12 0.90 0.00	31.04 1.02 0.00	31.41 0.51 0.00	30.19 0.04 0.00	42.30 -0.22 0.00	53.59 -0.61 0.00	99.74 -1.63 0.00	56.16 -0.45 0.00	40.39 -0.39 0.00	43.10 -0.33 0.00	40.98 -0.22 0.00	31.32 0.09 0.00
GOODYEAR_LAKE_HYD 323669	28.85 0.73 0.00	34.92 0.78 0.00	36.58 0.94 0.00	25.02 0.62 0.00	24.13 0.60 0.00	32.46 0.86 0.00	80.68 2.31 0.00	89.28 2.76 3.18	90.68 2.98 0.00	28.68 0.84 0.00	30.89 0.86 -0.58	31.97 0.85 -2.59	30.70 0.88 -1.60	31.75 1.06 -0.66	32.32 1.08 -0.34	31.50 1.08 -0.26	43.70 1.16 -0.01	56.04 1.59 -0.25	104.32 2.81 -0.14	58.19 1.58 0.00	41.96 1.18 0.00	44.63 1.21 0.00	42.32 1.13 0.00	32.05 0.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.53 0.42 0.00	34.49 0.34 0.00	36.05 0.41 0.00	24.66 0.27 0.00	23.72 0.19 0.00	31.95 0.34 0.00	79.06 0.69 0.00	83.90 0.30 6.11	88.66 0.96 0.00	28.07 0.23 0.00	30.32 0.27 -0.60	31.48 0.30 -2.65	30.25 0.39 -1.63	31.33 0.62 -0.67	31.79 0.55 -0.35	30.83 0.42 -0.27	42.71 0.17 -0.02	54.75 0.29 -0.26	101.63 0.11 -0.14	56.71 0.09 0.00	40.87 0.10 0.00	43.50 0.07 0.00	41.51 0.31 0.00	31.49 0.25 0.00

GOUDEY___7 23579	28.53 0.42 0.00	34.49 0.34 0.00	36.05 0.41 0.00	24.66 0.27 0.00	23.72 0.19 0.00	31.95 0.34 0.00	79.06 0.69 0.00	83.90 0.30 6.11	88.66 0.96 0.00	28.07 0.23 0.00	30.32 0.27 -0.60	31.48 0.30 -2.65	30.25 0.39 -1.63	31.33 0.62 -0.67	31.79 0.55 -0.35	30.83 0.42 -0.27	42.71 0.17 -0.02	54.75 0.29 -0.26	101.63 0.11 -0.14	56.71 0.09 0.00	40.87 0.10 0.00	43.50 0.07 0.00	41.51 0.31 0.00	31.49 0.25 0.00
GOUDEY___8 23580	28.53 0.42 0.00	34.49 0.34 0.00	36.05 0.41 0.00	24.66 0.27 0.00	23.72 0.19 0.00	31.95 0.34 0.00	79.06 0.69 0.00	83.90 0.30 6.11	88.66 0.96 0.00	28.07 0.23 0.00	30.32 0.27 -0.60	31.48 0.30 -2.65	30.25 0.39 -1.63	31.33 0.62 -0.67	31.79 0.55 -0.35	30.83 0.42 -0.27	42.71 0.17 -0.02	54.75 0.29 -0.26	101.63 0.11 -0.14	56.71 0.09 0.00	40.87 0.10 0.00	43.50 0.07 0.00	41.51 0.31 0.00	31.49 0.25 0.00
GOWANUS_GT1_1 24077	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_2 24078	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_3 24079	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_4 24080	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_5 24084	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_6 24111	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_7 24112	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT1_8 24113	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GOWANUS_GT2_1 24114	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT2_2 24115	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT2_3 24116	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT2_4 24117	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT2_5 24118	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00

GOWANUS_GT2_6 24119	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT2_7 24120	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT2_8 24121	30.27 2.15 0.00	36.43 2.28 0.00	37.89 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.46 1.86 0.00	82.99 4.62 0.00	94.21 6.16 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.45 2.46 -8.54	96.43 2.43 -65.47	74.24 1.99 -44.03	50.50 2.20 -18.28	42.32 2.05 -9.37	39.47 2.05 -7.27	45.32 2.38 -0.41	64.81 3.39 -7.22	112.02 6.75 -3.90	60.32 3.71 0.00	43.31 2.54 0.00	46.13 2.70 0.00	43.92 2.73 0.00	33.20 1.97 0.00
GOWANUS_GT3_1 24122	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_2 24123	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_3 24124	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_4 24125	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_5 24126	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_6 24127	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_7 24128	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT3_8 24129	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
GOWANUS_GT4_1 24130	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GOWANUS_GT4_2 24131	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GOWANUS_GT4_3 24132	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GOWANUS_GT4_4 24133	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00

GOWANUS_GT4_5 24134	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GOWANUS_GT4_6 24135	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GOWANUS_GT4_7 24136	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GOWANUS_GT4_8 24137	30.27 2.16 0.00	36.43 2.29 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.47 1.86 0.00	82.99 4.62 0.00	94.23 6.17 1.65	94.65 6.95 0.00	30.19 2.35 0.00	40.44 2.45 -8.54	96.43 2.43 -65.47	74.26 2.01 -44.03	50.52 2.21 -18.28	42.33 2.06 -9.37	39.45 2.03 -7.27	45.25 2.31 -0.41	64.82 3.40 -7.22	112.05 6.79 -3.90	60.31 3.70 0.00	43.32 2.54 0.00	46.13 2.70 0.00	43.92 2.72 0.00	33.20 1.97 0.00
GREATVR_69_KV_BK1 356245	30.40 2.28 0.00	36.47 2.32 0.00	37.90 2.26 0.00	26.00 1.60 0.00	24.87 1.34 0.00	32.07 1.51 1.05	79.30 3.76 2.84	78.13 5.23 16.80	63.57 6.06 30.19	27.73 2.15 2.27	48.41 2.22 -16.74	11.94 2.35 18.95	27.05 2.24 3.42	54.60 2.42 -22.16	51.85 2.16 -18.80	44.37 2.20 -12.02	40.94 2.23 3.82	62.97 3.58 -5.20	96.23 6.47 11.61	61.28 3.11 -1.56	38.87 2.48 4.37	50.21 2.50 -4.28	47.28 2.46 -3.63	33.21 1.72 -0.26
GREENBSH_115KV_TB3 55895	28.80 0.68 0.00	34.89 0.74 0.00	36.33 0.69 0.00	24.92 0.52 0.00	23.98 0.45 0.00	32.04 0.44 0.00	79.50 1.13 0.00	89.52 1.12 1.31	89.37 1.67 0.00	28.29 0.45 0.00	29.25 0.41 0.61	26.33 0.46 2.67	26.91 0.33 1.65	29.72 0.38 0.69	30.75 0.20 0.35	30.09 0.21 0.27	42.60 0.09 0.02	54.21 0.27 0.26	102.40 1.17 0.14	57.00 0.38 0.00	41.06 0.29 0.00	43.77 0.34 0.00	41.58 0.38 0.00	31.46 0.23 0.00
GREENDGE_115KV_TB5 80291	28.27 0.15 0.00	34.17 0.02 0.00	35.71 0.07 0.00	24.40 0.01 0.00	23.45 -0.08 0.00	31.64 0.03 0.00	77.85 -0.52 0.00	82.05 -1.39 6.28	86.87 -0.83 0.00	27.55 -0.28 0.00	29.44 -0.39 -0.39	29.88 -0.36 -1.70	29.21 -0.07 -1.05	31.04 0.58 -0.43	31.58 0.47 -0.21	30.42 0.10 -0.17	42.05 -0.48 -0.01	53.90 -0.46 -0.16	100.12 -1.34 -0.09	56.36 -0.26 0.00	40.72 -0.06 0.00	43.25 -0.17 0.00	41.27 0.08 0.00	31.37 0.14 0.00
GREENIDGE___3 23582	28.27 0.15 0.00	34.17 0.02 0.00	35.71 0.07 0.00	24.40 0.01 0.00	23.45 -0.08 0.00	31.64 0.03 0.00	77.85 -0.52 0.00	82.05 -1.39 6.28	86.87 -0.83 0.00	27.55 -0.28 0.00	29.44 -0.39 -0.39	29.88 -0.36 -1.70	29.21 -0.07 -1.05	31.04 0.58 -0.43	31.58 0.47 -0.21	30.42 0.10 -0.17	42.05 -0.48 -0.01	53.90 -0.46 -0.16	100.12 -1.34 -0.09	56.36 -0.26 0.00	40.72 -0.06 0.00	43.25 -0.17 0.00	41.27 0.08 0.00	31.37 0.14 0.00
GREENIDGE___4 23583	28.61 0.15 -0.33	34.54 0.02 -0.37	36.11 0.07 -0.40	24.74 0.01 -0.34	23.81 -0.08 -0.36	36.65 0.03 -5.01	78.53 -0.52 -0.67	83.53 -1.34 4.84	88.19 -0.82 -1.31	28.02 -0.27 -0.46	29.44 -0.40 -0.39	29.96 -0.37 -1.79	29.67 -0.08 -1.53	31.33 0.58 -0.73	31.92 0.47 -0.56	30.97 0.11 -0.70	42.08 -0.46 -0.01	53.89 -0.47 -0.16	100.13 -1.33 -0.09	56.35 -0.26 0.00	40.71 -0.06 0.00	43.26 -0.17 0.00	41.27 0.07 0.00	31.38 0.15 0.00
GREENLWN_69_KV_BK 3 55738	29.82 1.71 0.00	35.84 1.69 0.00	37.25 1.60 0.00	25.55 1.15 0.00	24.46 0.93 0.00	33.76 0.91 -1.24	84.00 2.28 -3.35	106.47 3.69 -13.07	87.68 4.56 4.58	27.18 1.66 2.31	37.28 1.84 -5.99	-1.61 2.00 32.15	12.71 1.96 17.46	34.97 2.11 -2.84	37.31 1.82 -4.59	33.16 1.82 -1.20	34.68 1.54 9.38	69.73 2.63 -12.91	112.14 4.99 -5.78	68.49 2.26 -9.62	49.08 1.71 -6.60	52.62 1.72 -7.48	48.94 1.72 -6.02	32.42 1.19 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00
GRISSOM___SOLAR 323813	28.93 0.81 0.00	35.03 0.88 0.00	36.62 0.98 0.00	25.04 0.65 0.00	24.19 0.65 0.00	32.59 0.98 0.00	81.35 2.98 0.00	91.81 3.67 1.57	90.87 3.17 0.00	27.93 0.09 0.00	29.03 -0.05 0.36	26.84 -0.11 1.58	27.13 -0.12 0.98	29.55 -0.07 0.41	30.62 -0.07 0.21	30.34 0.36 0.16	43.82 1.30 0.01	56.37 2.33 0.15	105.71 4.42 0.08	59.03 2.42 0.00	42.56 1.79 0.00	45.21 1.78 0.00	42.67 1.47 0.00	32.34 1.11 0.00
GROVEVILLE___HYD 323602	30.24 2.12 0.00	36.45 2.30 0.00	37.98 2.34 0.00	25.99 1.59 0.00	25.02 1.49 0.00	33.57 1.96 0.00	83.41 5.03 0.00	94.48 6.41 1.64	94.69 6.99 0.00	30.07 2.24 0.00	34.17 2.36 -2.36	36.64 2.32 -5.78	33.38 2.18 -2.98	33.61 2.34 -1.24	33.72 2.18 -0.63	32.79 2.19 -0.44	45.11 2.57 -0.01	57.56 3.36 0.00	108.09 6.72 0.00	60.00 3.39 0.00	43.16 2.38 0.00	45.96 2.53 0.00	43.64 2.44 0.00	32.90 1.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.08 -0.04 0.00	33.98 -0.17 0.00	35.48 -0.16 0.00	24.22 -0.17 0.00	23.37 -0.16 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.39 -0.31 0.00	27.62 -0.22 0.00	29.38 -0.28 -0.21	28.42 -0.27 -0.16	28.04 -0.18 0.00	30.08 0.05 0.00	30.92 0.02 0.00	30.10 -0.05 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
HAMLTNNY_34_KV_TB 80303	28.11 0.00 0.00	34.02 -0.13 0.00	35.53 -0.12 0.00	24.27 -0.13 0.00	23.41 -0.12 0.00	31.51 -0.10 0.00	78.20 -0.18 0.00	84.48 -0.71 4.51	87.43 -0.27 0.00	27.63 -0.20 0.00	29.35 -0.31 -0.22	28.43 -0.27 -0.17	28.05 -0.17 0.00	30.20 0.18 0.00	31.04 0.14 0.00	30.17 0.02 0.00	42.34 -0.19 0.00	53.96 -0.23 0.00	100.82 -0.55 0.00	56.40 -0.22 0.00	40.61 -0.17 0.00	43.23 -0.20 0.00	41.00 -0.19 0.00	31.08 -0.15 0.00

HAMPSHIRE___PAPER_HYD 323593	27.95 -0.16 0.00	34.20 0.05 0.00	36.75 -0.05 -1.16	24.31 -0.08 0.00	23.42 -0.11 0.00	31.80 0.19 0.00	80.32 1.19 -0.76	99.68 2.23 -7.75	90.89 2.02 -1.16	28.14 0.30 0.00	29.52 0.07 0.00	28.45 -0.09 0.00	28.06 -0.16 0.00	30.18 0.16 0.00	31.41 0.52 0.00	30.79 0.64 0.00	43.21 0.69 0.00	55.23 1.03 0.00	102.97 1.60 0.00	57.52 0.91 0.00	41.66 0.89 0.00	44.61 1.18 0.00	41.72 0.53 0.00	31.46 0.23 0.00
HARDSCRABBLE_WT_PWR 323673	29.61 1.49 0.00	35.72 1.57 0.00	37.29 1.64 0.00	25.53 1.13 0.00	24.64 1.11 0.00	33.18 1.58 0.00	82.61 4.23 0.00	93.76 5.11 1.06	88.59 0.89 0.00	28.31 0.47 0.00	30.13 0.68 0.00	29.14 0.61 0.00	28.64 0.42 0.00	30.46 0.43 0.00	31.20 0.30 0.00	30.92 0.77 0.00	44.09 1.57 0.00	56.84 2.65 0.00	106.46 5.09 0.00	59.36 2.75 0.00	42.83 2.06 0.00	45.59 2.16 0.00	43.31 2.12 0.00	32.65 1.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.01 1.90 0.00	36.17 2.03 0.00	37.67 2.03 0.00	25.78 1.38 0.00	24.79 1.26 0.00	33.29 1.68 0.00	82.77 4.40 0.00	93.60 5.70 1.80	93.99 6.29 0.00	29.84 2.01 0.00	38.63 2.09 -7.10	62.17 2.08 -31.56	49.72 1.96 -19.53	40.25 2.12 -8.11	36.99 1.93 -4.16	35.32 1.95 -3.22	44.99 2.28 -0.18	60.72 3.37 -3.15	109.95 6.88 -1.70	60.00 3.39 0.00	43.12 2.34 0.00	45.91 2.49 0.00	43.63 2.43 0.00	32.90 1.67 0.00
HARSNRAD_115KV_TB1 81005	27.84 -0.27 0.00	33.45 -0.70 0.00	34.87 -0.77 0.00	23.64 -0.75 0.00	22.62 -0.91 0.00	30.68 -0.93 0.00	74.16 -4.21 0.00	74.76 -8.00 6.95	82.04 -5.67 0.00	26.87 -0.96 0.00	29.23 -0.48 -0.27	28.27 -0.47 -0.20	28.70 0.48 0.00	30.35 0.32 0.00	30.72 -0.18 0.00	29.45 -0.70 0.00	41.06 -1.46 0.00	51.22 -2.98 0.00	94.29 -7.08 0.00	53.49 -3.12 0.00	38.50 -2.27 0.00	41.38 -2.04 0.00	39.67 -1.53 0.00	30.63 -0.60 0.00
HARZA MOOSE___RIVER 24016	28.13 0.02 0.00	34.33 0.19 0.00	36.13 0.16 -0.32	24.49 0.09 0.00	23.58 0.05 0.00	32.05 0.44 0.00	80.52 1.93 -0.21	93.65 3.24 -0.71	91.27 3.23 -0.34	28.44 0.60 0.00	29.64 0.19 0.00	28.64 0.10 0.00	28.24 0.02 0.00	30.42 0.39 0.00	31.51 0.61 0.00	30.95 0.80 0.00	43.42 0.89 0.00	55.79 1.60 0.00	104.08 2.71 0.00	58.05 1.44 0.00	41.90 1.13 0.00	44.64 1.22 0.00	41.77 0.57 0.00	31.47 0.23 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.83 -0.28 0.00	33.68 -0.46 0.00	35.16 -0.48 0.00	24.07 -0.33 0.00	23.19 -0.34 0.00	31.22 -0.39 0.00	77.41 -0.96 0.00	80.56 -1.54 7.61	86.61 -1.09 0.00	27.43 -0.40 0.00	29.18 -0.46 -0.19	28.26 -0.42 -0.14	27.92 -0.30 0.00	29.87 -0.16 0.00	30.70 -0.20 0.00	29.89 -0.26 0.00	41.94 -0.58 0.00	53.45 -0.74 0.00	99.84 -1.53 0.00	55.79 -0.83 0.00	40.18 -0.59 0.00	42.79 -0.63 0.00	40.57 -0.63 0.00	30.77 -0.46 0.00
HELLGATE_13_KV_LD 55870	30.40 2.28 0.00	36.59 2.44 0.00	38.05 2.41 0.00	26.06 1.66 0.00	25.06 1.53 0.00	33.62 2.01 0.00	83.39 5.02 0.00	94.52 6.47 1.65	95.01 7.32 0.00	30.34 2.51 0.00	40.60 2.61 -8.54	96.61 2.61 -65.47	74.54 2.29 -44.03	50.78 2.47 -18.28	42.57 2.30 -9.37	39.74 2.32 -7.27	45.59 2.65 -0.41	65.16 3.74 -7.22	112.71 7.44 -3.90	60.51 3.90 0.00	43.47 2.70 0.00	46.28 2.85 0.00	44.06 2.86 0.00	33.30 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.40 2.28 0.00	36.59 2.44 0.00	38.05 2.41 0.00	26.06 1.66 0.00	25.06 1.53 0.00	33.62 2.01 0.00	83.39 5.02 0.00	94.52 6.47 1.65	95.01 7.32 0.00	30.34 2.51 0.00	40.60 2.61 -8.54	96.61 2.61 -65.47	74.54 2.29 -44.03	50.78 2.47 -18.28	42.57 2.30 -9.37	39.74 2.32 -7.27	45.59 2.65 -0.41	65.16 3.74 -7.22	112.71 7.44 -3.90	60.51 3.90 0.00	43.47 2.70 0.00	46.28 2.85 0.00	44.06 2.86 0.00	33.30 2.07 0.00
HEMPSTEAD___ 23647	30.01 1.90 0.00	36.09 1.94 0.00	37.52 1.88 0.00	25.72 1.32 0.00	24.66 1.13 0.00	32.93 1.32 0.00	81.66 3.29 0.00	92.16 4.78 2.33	84.90 5.69 8.50	28.71 1.93 1.05	38.76 2.04 -7.27	0.57 2.17 30.13	19.81 2.10 10.51	45.09 2.25 -12.80	44.96 2.02 -12.04	39.99 2.03 -7.81	39.52 1.99 4.99	67.50 3.13 -10.17	104.09 6.05 3.33	59.48 2.86 -0.01	42.90 2.13 0.00	45.60 2.18 0.00	43.37 2.18 0.00	32.73 1.50 0.00
HICKLING___1 23621	28.45 0.34 0.00	34.37 0.23 0.00	35.95 0.31 0.00	24.59 0.19 0.00	23.57 0.04 0.00	31.82 0.21 0.00	78.65 0.28 0.00	82.83 -0.55 6.33	88.08 0.38 0.00	27.76 -0.07 0.00	29.92 -0.02 -0.49	30.71 0.01 -2.16	29.79 0.24 -1.34	31.37 0.80 -0.54	31.76 0.59 -0.27	30.56 0.20 -0.21	42.23 -0.31 -0.01	54.26 -0.14 -0.21	100.68 -0.81 -0.11	56.35 -0.26 0.00	40.57 -0.20 0.00	43.13 -0.30 0.00	41.38 0.18 0.00	31.47 0.24 0.00
HICKLING___2 23622	28.45 0.34 0.00	34.37 0.23 0.00	35.95 0.31 0.00	24.59 0.19 0.00	23.57 0.04 0.00	31.82 0.21 0.00	78.65 0.28 0.00	82.83 -0.55 6.33	88.08 0.38 0.00	27.76 -0.07 0.00	29.92 -0.02 -0.49	30.71 0.01 -2.16	29.79 0.24 -1.34	31.37 0.80 -0.54	31.76 0.59 -0.27	30.56 0.20 -0.21	42.23 -0.31 -0.01	54.26 -0.14 -0.21	100.68 -0.81 -0.11	56.35 -0.26 0.00	40.57 -0.20 0.00	43.13 -0.30 0.00	41.38 0.18 0.00	31.47 0.24 0.00
HIGH FALLS___HY 23754	30.20 2.08 0.00	36.38 2.23 0.00	37.92 2.28 0.00	25.94 1.54 0.00	24.93 1.40 0.00	33.45 1.84 0.00	83.15 4.78 0.00	94.27 6.24 1.67	94.49 6.79 0.00	29.95 2.11 0.00	33.46 2.09 -1.92	36.48 2.00 -5.94	33.39 1.82 -3.35	33.22 1.80 -1.39	33.23 1.62 -0.71	32.40 1.70 -0.55	44.64 2.09 -0.03	57.73 3.15 -0.39	108.10 6.52 -0.21	59.93 3.32 0.00	43.12 2.35 0.00	46.15 2.72 0.00	43.81 2.61 0.00	33.01 1.78 0.00
HIGH_RIVER___SOLAR 323847	28.83 0.71 0.00	34.91 0.77 0.00	36.50 0.86 0.00	24.98 0.58 0.00	24.11 0.58 0.00	32.46 0.85 0.00	81.00 2.63 0.00	91.37 3.18 1.52	90.14 2.44 0.00	28.04 0.21 0.00	29.15 0.09 0.39	26.91 0.08 1.71	27.25 0.08 1.05	29.74 0.15 0.44	30.78 0.11 0.22	30.22 0.25 0.17	43.47 0.95 0.01	56.06 2.03 0.17	105.27 3.98 0.09	58.77 2.16 0.00	42.36 1.59 0.00	45.01 1.59 0.00	42.50 1.30 0.00	32.22 0.99 0.00
HILLBURN___GT 23639	29.93 1.82 0.00	36.08 1.93 0.00	37.56 1.92 0.00	25.71 1.31 0.00	24.72 1.19 0.00	33.19 1.58 0.00	82.50 4.12 0.00	93.36 5.43 1.78	93.81 6.11 0.00	29.81 1.98 0.00	39.01 2.08 -7.49	64.06 2.10 -33.42	50.89 1.97 -20.70	40.74 2.12 -8.59	37.22 1.91 -4.41	35.46 1.90 -3.41	44.83 2.10 -0.19	60.72 3.18 -3.35	109.68 6.50 -1.81	59.75 3.14 0.00	42.92 2.14 0.00	45.71 2.29 0.00	43.47 2.28 0.00	32.79 1.56 0.00
HILLSIDE_115KV_TB1 80332	28.18 0.06 0.00	34.05 -0.09 0.00	35.61 -0.03 0.00	24.35 -0.05 0.00	23.35 -0.18 0.00	31.53 -0.08 0.00	77.95 -0.42 0.00	82.11 -1.28 6.32	87.38 -0.32 0.00	27.61 -0.23 0.00	29.81 -0.13 -0.50	30.68 -0.07 -2.22	29.65 0.06 -1.37	31.06 0.47 -0.56	31.43 0.25 -0.28	30.32 -0.05 -0.22	41.90 -0.64 -0.01	53.78 -0.63 -0.21	99.52 -1.96 -0.11	55.65 -0.96 0.00	40.12 -0.65 0.00	42.66 -0.76 0.00	40.96 -0.24 0.00	31.10 -0.13 0.00

HISHELDN_WT_PWR 323625	27.52 -0.24 0.35	33.24 -0.51 0.39	34.70 -0.52 0.42	23.48 -0.57 0.35	22.34 -0.81 0.37	25.53 -0.87 5.22	74.05 -3.50 0.82	72.42 -7.43 9.86	79.77 -5.34 2.58	26.00 -0.94 0.90	29.19 -0.54 -0.28	28.11 -0.47 -0.04	27.70 0.41 0.94	30.07 0.24 0.19	30.41 -0.39 0.10	28.79 -1.04 0.32	40.52 -2.01 -0.01	51.45 -2.75 0.00	95.69 -5.68 0.00	54.02 -2.59 0.00	38.72 -2.05 0.00	41.39 -2.04 0.00	39.82 -1.38 0.00	30.66 -0.57 0.00
HOLTSVILLE_IC_1 23690	29.95 1.83 0.00	35.96 1.81 0.00	37.35 1.70 0.00	25.66 1.26 0.00	24.50 0.96 0.00	31.06 0.95 1.50	76.63 2.32 4.07	70.42 3.57 22.86	55.57 4.40 36.53	27.01 1.58 2.41	34.88 1.69 -3.75	-1.86 1.89 32.29	6.40 1.82 23.64	26.33 1.98 5.68	30.90 1.68 1.68	28.20 1.68 3.64	28.38 1.50 15.65	46.30 2.59 10.48	73.37 4.61 32.61	46.98 2.02 11.65	34.43 1.66 8.00	36.01 1.64 9.05	35.60 1.70 7.30	32.36 1.13 0.00
HOLTSVILLE_IC_10 23699	30.05 1.94 0.00	36.07 1.92 0.00	37.47 1.83 0.00	25.74 1.35 0.00	24.58 1.05 0.00	32.05 1.08 0.63	84.01 2.63 -3.00	78.97 3.91 14.64	64.04 4.71 28.37	27.15 1.69 2.37	63.08 1.79 -31.84	29.49 1.98 1.03	44.45 1.88 -14.34	78.58 2.04 -46.51	69.29 1.70 -36.69	57.38 1.70 -25.53	49.69 1.57 -5.60	71.59 2.80 -14.59	108.97 5.02 -2.58	72.42 2.27 -13.54	38.98 1.84 3.63	63.10 1.83 -17.83	57.88 1.89 -14.79	33.11 1.26 -0.62
HOLTSVILLE_IC_2 23691	29.95 1.83 0.00	35.96 1.81 0.00	37.35 1.70 0.00	25.66 1.26 0.00	24.50 0.96 0.00	31.06 0.95 1.50	76.63 2.32 4.07	70.42 3.57 22.86	55.57 4.40 36.53	27.01 1.58 2.41	34.88 1.69 -3.75	-1.86 1.89 32.29	6.40 1.82 23.64	26.33 1.98 5.68	30.90 1.68 1.68	28.20 1.68 3.64	28.38 1.50 15.65	46.30 2.59 10.48	73.37 4.61 32.61	46.98 2.02 11.65	34.43 1.66 8.00	36.01 1.64 9.05	35.60 1.70 7.30	32.36 1.13 0.00
HOLTSVILLE_IC_3 23692	29.95 1.83 0.00	35.96 1.81 0.00	37.35 1.70 0.00	25.66 1.26 0.00	24.50 0.96 0.00	31.06 0.95 1.50	76.63 2.32 4.07	70.42 3.57 22.86	55.57 4.40 36.53	27.01 1.58 2.41	34.88 1.69 -3.75	-1.86 1.89 32.29	6.40 1.82 23.64	26.33 1.98 5.68	30.90 1.68 1.68	28.20 1.68 3.64	28.38 1.50 15.65	46.30 2.59 10.48	73.37 4.61 32.61	46.98 2.02 11.65	34.43 1.66 8.00	36.01 1.64 9.05	35.60 1.70 7.30	32.36 1.13 0.00
HOLTSVILLE_IC_4 23693	29.95 1.83 0.00	35.96 1.81 0.00	37.35 1.70 0.00	25.66 1.26 0.00	24.50 0.96 0.00	31.06 0.95 1.50	76.63 2.32 4.07	70.42 3.57 22.86	55.57 4.40 36.53	27.01 1.58 2.41	34.88 1.69 -3.75	-1.86 1.89 32.29	6.40 1.82 23.64	26.33 1.98 5.68	30.90 1.68 1.68	28.20 1.68 3.64	28.38 1.50 15.65	46.30 2.59 10.48	73.37 4.61 32.61	46.98 2.02 11.65	34.43 1.66 8.00	36.01 1.64 9.05	35.60 1.70 7.30	32.36 1.13 0.00
HOLTSVILLE_IC_5 23694	29.95 1.83 0.00	35.96 1.81 0.00	37.35 1.70 0.00	25.66 1.26 0.00	24.50 0.96 0.00	31.06 0.95 1.50	76.63 2.32 4.07	70.42 3.57 22.86	55.57 4.40 36.53	27.01 1.58 2.41	34.88 1.69 -3.75	-1.86 1.89 32.29	6.40 1.82 23.64	26.33 1.98 5.68	30.90 1.68 1.68	28.20 1.68 3.64	28.38 1.50 15.65	46.30 2.59 10.48	73.37 4.61 32.61	46.98 2.02 11.65	34.43 1.66 8.00	36.01 1.64 9.05	35.60 1.70 7.30	32.36 1.13 0.00
HOLTSVILLE_IC_6 23695	30.05 1.94 0.00	36.07 1.92 0.00	37.47 1.83 0.00	25.74 1.35 0.00	24.58 1.05 0.00	32.05 1.08 0.63	84.01 2.63 -3.00	78.97 3.91 14.64	64.04 4.71 28.37	27.15 1.69 2.37	63.08 1.79 -31.84	29.49 1.98 1.03	44.45 1.88 -14.34	78.58 2.04 -46.51	69.29 1.70 -36.69	57.38 1.70 -25.53	49.69 1.57 -5.60	71.59 2.80 -14.59	108.97 5.02 -2.58	72.42 2.27 -13.54	38.98 1.84 3.63	63.10 1.83 -17.83	57.88 1.89 -14.79	33.11 1.26 -0.62
HOLTSVILLE_IC_7 23696	30.05 1.94 0.00	36.07 1.92 0.00	37.47 1.83 0.00	25.74 1.35 0.00	24.58 1.05 0.00	32.05 1.08 0.63	84.01 2.63 -3.00	78.97 3.91 14.64	64.04 4.71 28.37	27.15 1.69 2.37	63.08 1.79 -31.84	29.49 1.98 1.03	44.45 1.88 -14.34	78.58 2.04 -46.51	69.29 1.70 -36.69	57.38 1.70 -25.53	49.69 1.57 -5.60	71.59 2.80 -14.59	108.97 5.02 -2.58	72.42 2.27 -13.54	38.98 1.84 3.63	63.10 1.83 -17.83	57.88 1.89 -14.79	33.11 1.26 -0.62
HOLTSVILLE_IC_8 23697	30.05 1.94 0.00	36.07 1.92 0.00	37.47 1.83 0.00	25.74 1.35 0.00	24.58 1.05 0.00	32.05 1.08 0.63	84.01 2.63 -3.00	78.97 3.91 14.64	64.04 4.71 28.37	27.15 1.69 2.37	63.08 1.79 -31.84	29.49 1.98 1.03	44.45 1.88 -14.34	78.58 2.04 -46.51	69.29 1.70 -36.69	57.38 1.70 -25.53	49.69 1.57 -5.60	71.59 2.80 -14.59	108.97 5.02 -2.58	72.42 2.27 -13.54	38.98 1.84 3.63	63.10 1.83 -17.83	57.88 1.89 -14.79	33.11 1.26 -0.62
HOLTSVILLE_IC_9 23698	30.05 1.94 0.00	36.07 1.92 0.00	37.47 1.83 0.00	25.74 1.35 0.00	24.58 1.05 0.00	32.05 1.08 0.63	84.01 2.63 -3.00	78.97 3.91 14.64	64.04 4.71 28.37	27.15 1.69 2.37	63.08 1.79 -31.84	29.49 1.98 1.03	44.45 1.88 -14.34	78.58 2.04 -46.51	69.29 1.70 -36.69	57.38 1.70 -25.53	49.69 1.57 -5.60	71.59 2.80 -14.59	108.97 5.02 -2.58	72.42 2.27 -13.54	38.98 1.84 3.63	63.10 1.83 -17.83	57.88 1.89 -14.79	33.11 1.26 -0.62
HOMER_HL_115KV_TB2 355744	28.73 0.62 0.00	34.62 0.47 0.00	36.18 0.54 0.00	24.52 0.12 0.00	23.47 -0.06 0.00	31.75 0.14 0.00	76.93 -1.44 0.00	85.22 -3.53 0.96	90.59 -1.19 -4.08	27.90 0.06 0.00	30.15 0.37 -0.33	29.39 0.60 -0.25	29.54 1.32 0.00	31.75 1.48 -0.24	32.09 0.98 -0.20	30.66 0.35 -0.16	41.81 -0.73 -0.01	53.34 -0.86 0.00	98.08 -3.32 -0.03	55.02 -1.59 0.00	39.49 -1.29 0.00	42.21 -1.22 0.00	40.74 -0.45 0.00	31.30 0.07 0.00
HOWARD_WT_PWR 323690	27.53 -0.59 0.00	33.48 -0.66 0.00	35.14 -0.50 0.00	24.00 -0.40 0.00	22.88 -0.65 0.00	30.66 -0.95 0.00	75.76 -2.70 -0.08	81.07 -4.24 4.39	85.95 -3.64 -1.89	26.89 -1.60 -0.66	28.10 -1.78 -0.44	28.82 -1.77 -2.05	28.46 -1.63 -1.87	30.33 -0.55 -0.85	30.97 -0.54 -0.61	29.46 -1.45 -0.77	39.80 -2.74 -0.01	51.77 -2.60 -0.17	98.42 -3.04 -0.09	55.17 -1.44 0.00	39.39 -1.39 0.00	41.81 -1.62 0.00	40.30 -0.90 0.00	30.87 -0.37 0.00
HQ_GEN_CEDARS 23644	28.06 -0.05 0.00	-12.32 0.11 46.57	-11.98 0.08 47.70	-22.84 0.04 47.28	-22.89 0.08 46.51	-22.56 0.19 54.36	-14.12 0.55 93.05	49.74 0.66 40.63	29.63 0.26 58.33	28.01 0.17 0.00	29.73 0.27 0.00	28.75 0.22 0.00	28.41 0.18 0.00	30.16 0.14 0.00	31.22 0.32 0.00	30.45 0.30 0.00	43.26 0.74 0.00	54.94 0.74 0.00	102.47 1.10 0.00	57.37 0.76 0.00	41.32 0.54 0.00	44.03 0.61 0.00	41.72 0.53 0.00	31.68 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	27.07 -0.05 0.99	-12.32 0.11 46.57	-12.00 0.06 47.70	-22.85 0.03 47.28	-22.90 0.08 46.51	-23.92 0.19 55.71	-14.12 0.55 93.05	49.74 0.66 40.63	29.62 0.25 58.33	27.58 0.17 0.43	29.73 0.28 0.00	28.75 0.21 0.00	28.41 0.19 0.00	30.16 0.14 0.00	31.22 0.32 0.00	30.45 0.30 0.00	43.26 0.74 0.00	54.94 0.75 0.00	102.47 1.10 0.00	57.37 0.76 0.00	41.32 0.54 0.00	44.03 0.61 0.00	41.73 0.53 0.00	31.68 0.44 0.00

HQ_GEN_IMPORT 323601	27.95 -0.16 0.00	34.10 -0.05 0.00	35.58 -0.07 0.00	24.35 -0.05 0.00	23.51 -0.02 0.00	31.61 0.00 0.00	78.47 0.10 0.00	89.78 0.08 0.00	87.43 -0.27 0.00	27.83 -0.01 0.00	29.53 0.08 0.00	28.57 0.03 0.00	28.24 0.02 0.00	29.94 -0.09 0.00	30.94 0.04 0.00	30.19 0.04 0.00	42.83 0.31 0.00	54.49 0.30 0.00	101.74 0.37 0.00	56.92 0.31 0.00	40.96 0.19 0.00	43.61 0.18 0.00	41.36 0.16 0.00	31.39 0.16 0.00
HQ_GEN_WHEEL 23651	27.95 -0.16 0.00	34.10 -0.05 0.00	35.58 -0.07 0.00	24.35 -0.05 0.00	23.51 -0.02 0.00	31.61 0.00 0.00	78.47 0.10 0.00	89.78 0.08 0.00	87.43 -0.27 0.00	27.83 -0.01 0.00	29.53 0.08 0.00	28.57 0.03 0.00	28.24 0.02 0.00	29.94 -0.09 0.00	30.94 0.04 0.00	30.19 0.04 0.00	42.83 0.31 0.00	54.49 0.30 0.00	101.74 0.37 0.00	56.92 0.31 0.00	40.96 0.19 0.00	43.61 0.18 0.00	41.36 0.16 0.00	31.39 0.16 0.00
HUDSON AVE_GT_3 23810	30.23 2.11 0.00	36.39 2.24 0.00	37.85 2.21 0.00	25.91 1.52 0.00	24.92 1.39 0.00	33.43 1.82 0.00	82.94 4.57 0.00	94.11 6.05 1.65	94.53 6.83 0.00	30.14 2.30 0.00	40.43 2.43 -8.54	92.51 2.42 -61.55	71.56 2.24 -41.11	49.51 2.42 -17.07	41.86 2.21 -8.75	39.16 2.22 -6.79	45.42 2.51 -0.39	64.53 3.60 -6.74	112.21 7.20 -3.64	60.21 3.60 0.00	43.26 2.49 0.00	46.05 2.63 0.00	43.80 2.60 0.00	33.10 1.87 0.00
HUDSON AVE_GT_4 23540	30.23 2.11 0.00	36.39 2.24 0.00	37.85 2.21 0.00	25.91 1.52 0.00	24.92 1.39 0.00	33.43 1.82 0.00	82.94 4.57 0.00	94.11 6.05 1.65	94.53 6.83 0.00	30.14 2.30 0.00	40.43 2.43 -8.54	92.51 2.42 -61.55	71.56 2.24 -41.11	49.51 2.42 -17.07	41.86 2.21 -8.75	39.16 2.22 -6.79	45.42 2.51 -0.39	64.53 3.60 -6.74	112.21 7.20 -3.64	60.21 3.60 0.00	43.26 2.49 0.00	46.05 2.63 0.00	43.80 2.60 0.00	33.10 1.87 0.00
HUDSON AVE_GT_5 23657	30.23 2.11 0.00	36.39 2.24 0.00	37.85 2.21 0.00	25.91 1.52 0.00	24.92 1.39 0.00	33.43 1.82 0.00	82.94 4.57 0.00	94.11 6.05 1.65	94.53 6.83 0.00	30.14 2.30 0.00	40.43 2.43 -8.54	92.51 2.42 -61.55	71.56 2.24 -41.11	49.51 2.42 -17.07	41.86 2.21 -8.75	39.16 2.22 -6.79	45.42 2.51 -0.39	64.53 3.60 -6.74	112.21 7.20 -3.64	60.21 3.60 0.00	43.26 2.49 0.00	46.05 2.63 0.00	43.80 2.60 0.00	33.10 1.87 0.00
HUDSON_AVE_10 24168	30.18 2.07 0.00	36.35 2.20 0.00	37.81 2.17 0.00	25.89 1.49 0.00	24.90 1.37 0.00	33.40 1.79 0.00	82.91 4.54 0.00	93.96 5.91 1.65	94.36 6.66 0.00	30.09 2.26 0.00	40.37 2.38 -8.54	92.45 2.37 -61.55	71.53 2.20 -41.11	49.48 2.39 -17.07	41.83 2.18 -8.75	39.11 2.17 -6.79	45.32 2.40 -0.39	64.41 3.47 -6.74	112.01 7.00 -3.64	60.06 3.45 0.00	43.14 2.37 0.00	45.91 2.49 0.00	43.69 2.49 0.00	33.00 1.77 0.00
HUDSON___115KV_TB 4 355613	29.20 1.09 0.00	35.39 1.24 0.00	36.83 1.19 0.00	25.26 0.86 0.00	24.66 1.13 0.00	33.36 1.75 0.00	82.98 4.61 0.00	93.79 5.47 1.39	93.22 5.52 0.00	28.81 0.98 0.00	30.16 0.71 0.00	29.19 0.66 0.00	28.72 0.50 0.00	30.61 0.58 0.00	31.35 0.45 0.00	30.69 0.54 0.00	43.07 0.55 0.01	55.16 1.17 0.20	104.54 3.28 0.11	58.26 1.65 0.00	41.96 1.19 0.00	44.66 1.23 0.00	42.34 1.15 0.00	32.01 0.78 0.00
HUNTER MOUNT___DRP 323613	29.20 1.08 0.00	35.39 1.24 0.00	36.83 1.19 0.00	25.26 0.87 0.00	24.57 1.04 0.00	33.14 1.53 0.00	82.43 4.06 0.00	93.07 4.78 1.41	92.56 4.86 0.00	28.71 0.87 0.00	30.03 0.58 0.00	29.06 0.53 0.00	28.59 0.37 0.00	30.47 0.44 0.00	31.21 0.32 0.00	30.57 0.42 0.00	43.05 0.53 0.00	55.43 1.23 0.00	104.76 3.38 0.00	58.39 1.78 0.00	42.04 1.27 0.00	44.72 1.30 0.00	42.39 1.19 0.00	32.03 0.80 0.00
HUNTINGTON_RES_REC 323705	29.89 1.77 0.00	35.89 1.74 0.00	37.29 1.65 0.00	25.59 1.20 0.00	24.48 0.94 0.00	32.87 0.93 -0.33	81.58 2.32 -0.89	94.55 3.65 -1.19	76.94 4.47 15.24	27.11 1.63 2.36	33.48 1.76 -2.27	-1.75 1.93 32.21	18.59 1.87 11.50	43.07 2.03 -11.01	43.23 1.73 -10.59	37.62 1.74 -5.73	36.97 1.52 7.07	66.85 2.65 -10.00	101.91 4.89 4.35	61.40 2.21 -2.58	44.28 1.75 -1.77	47.16 1.74 -2.00	44.56 1.75 -1.61	32.42 1.19 0.00
HUNTLEY___63 23557	28.09 -0.03 0.00	33.76 -0.39 0.00	35.20 -0.45 0.00	23.85 -0.55 0.00	22.81 -0.72 0.00	30.93 -0.68 0.00	74.91 -3.47 0.00	75.49 -7.29 6.93	82.84 -4.86 0.00	27.06 -0.78 0.00	29.41 -0.31 -0.28	28.41 -0.33 -0.21	28.80 0.58 0.00	30.48 0.46 0.00	30.95 0.05 0.00	29.71 -0.44 0.00	41.30 -1.22 0.00	51.70 -2.50 0.00	95.08 -6.29 0.00	53.90 -2.71 0.00	38.79 -1.98 0.00	41.69 -1.74 0.00	39.97 -1.23 0.00	30.88 -0.35 0.00
HUNTLEY___64 23558	28.09 -0.03 0.00	33.76 -0.39 0.00	35.20 -0.45 0.00	23.85 -0.55 0.00	22.81 -0.72 0.00	30.93 -0.68 0.00	74.91 -3.47 0.00	75.49 -7.29 6.93	82.84 -4.86 0.00	27.06 -0.78 0.00	29.41 -0.31 -0.28	28.41 -0.33 -0.21	28.80 0.58 0.00	30.48 0.46 0.00	30.95 0.05 0.00	29.71 -0.44 0.00	41.30 -1.22 0.00	51.70 -2.50 0.00	95.08 -6.29 0.00	53.90 -2.71 0.00	38.79 -1.98 0.00	41.69 -1.74 0.00	39.97 -1.23 0.00	30.88 -0.35 0.00
HUNTLEY___65 23559	28.09 -0.03 0.00	33.76 -0.39 0.00	35.20 -0.45 0.00	23.85 -0.55 0.00	22.81 -0.72 0.00	30.93 -0.68 0.00	74.91 -3.47 0.00	75.49 -7.29 6.93	82.84 -4.86 0.00	27.06 -0.78 0.00	29.41 -0.31 -0.28	28.41 -0.33 -0.21	28.80 0.58 0.00	30.48 0.46 0.00	30.95 0.05 0.00	29.71 -0.44 0.00	41.30 -1.22 0.00	51.70 -2.50 0.00	95.08 -6.29 0.00	53.90 -2.71 0.00	38.79 -1.98 0.00	41.69 -1.74 0.00	39.97 -1.23 0.00	30.88 -0.35 0.00
HUNTLEY___66 23560	28.09 -0.03 0.00	33.76 -0.39 0.00	35.20 -0.45 0.00	23.85 -0.55 0.00	22.81 -0.72 0.00	30.93 -0.68 0.00	74.91 -3.47 0.00	75.49 -7.29 6.93	82.84 -4.86 0.00	27.06 -0.78 0.00	29.41 -0.31 -0.28	28.41 -0.33 -0.21	28.80 0.58 0.00	30.48 0.46 0.00	30.95 0.05 0.00	29.71 -0.44 0.00	41.30 -1.22 0.00	51.70 -2.50 0.00	95.08 -6.29 0.00	53.90 -2.71 0.00	38.79 -1.98 0.00	41.69 -1.74 0.00	39.97 -1.23 0.00	30.88 -0.35 0.00
HUNTLEY___67 23561	27.91 -0.21 0.00	33.55 -0.60 0.00	34.99 -0.65 0.00	23.70 -0.70 0.00	22.66 -0.87 0.00	30.72 -0.89 0.00	74.40 -3.97 0.00	74.90 -7.71 7.10	82.30 -5.41 0.00	26.86 -0.97 0.00	29.19 -0.54 -0.28	28.21 -0.54 -0.22	28.54 0.31 0.00	30.28 0.25 0.00	30.76 -0.14 0.00	29.53 -0.62 0.00	41.06 -1.47 0.00	51.48 -2.72 0.00	94.70 -6.67 0.00	53.62 -3.00 0.00	38.57 -2.20 0.00	41.41 -2.01 0.00	39.74 -1.46 0.00	30.66 -0.57 0.00
HUNTLEY___68 23562	27.91 -0.21 0.00	33.55 -0.60 0.00	34.99 -0.65 0.00	23.70 -0.70 0.00	22.66 -0.87 0.00	30.72 -0.89 0.00	74.40 -3.97 0.00	74.90 -7.71 7.10	82.30 -5.41 0.00	26.86 -0.97 0.00	29.19 -0.54 -0.28	28.21 -0.54 -0.22	28.54 0.31 0.00	30.28 0.25 0.00	30.76 -0.14 0.00	29.53 -0.62 0.00	41.06 -1.47 0.00	51.48 -2.72 0.00	94.70 -6.67 0.00	53.62 -3.00 0.00	38.57 -2.20 0.00	41.41 -2.01 0.00	39.74 -1.46 0.00	30.66 -0.57 0.00

HYLAND___LFGE 323620	29.21 1.10 0.00	35.25 1.10 0.00	36.85 1.21 0.00	25.11 0.71 0.00	24.10 0.57 0.00	32.69 1.08 0.00	80.87 2.44 -0.05	85.74 1.80 5.77	91.15 2.59 -0.86	28.05 -0.09 -0.30	29.60 -0.20 -0.35	30.02 -0.12 -1.60	30.11 0.62 -1.27	31.43 1.14 -0.25	31.89 0.99 0.00	30.15 0.00 0.00	42.11 -0.42 0.00	55.24 1.05 0.00	104.25 2.87 0.00	58.82 2.20 0.00	42.18 1.41 0.00	44.83 1.40 0.00	42.66 1.46 0.00	32.53 1.30 0.00
INDECK___CORINTH 23802	29.24 1.12 0.00	35.35 1.20 0.00	36.84 1.20 0.00	25.27 0.88 0.00	24.40 0.87 0.00	32.67 1.06 0.00	81.56 3.19 0.00	92.41 4.00 1.29	91.72 4.03 0.00	28.62 0.78 0.00	29.50 0.61 0.56	26.72 0.61 2.43	27.17 0.44 1.50	29.93 0.53 0.62	30.91 0.33 0.32	30.47 0.56 0.25	43.59 1.08 0.01	55.99 2.03 0.24	106.14 4.89 0.13	59.09 2.48 0.00	42.52 1.75 0.00	45.05 1.62 0.00	42.73 1.53 0.00	32.12 0.89 0.00
INDECK___ILION 23567	29.03 0.92 0.00	35.12 0.97 0.00	36.65 1.01 0.00	25.10 0.70 0.00	24.21 0.68 0.00	32.55 0.94 0.00	80.84 2.47 0.00	92.67 4.02 1.06	93.32 5.62 0.00	28.71 0.87 0.00	29.88 0.43 0.00	28.93 0.39 0.00	28.51 0.29 0.00	30.33 0.30 0.00	31.12 0.22 0.00	30.64 0.49 0.00	43.45 0.92 0.00	55.76 1.56 0.00	104.48 3.11 0.00	58.26 1.65 0.00	42.00 1.23 0.00	44.72 1.29 0.00	42.43 1.23 0.00	32.04 0.81 0.00
INDECK___OLEAN 23982	27.56 0.61 1.17	33.32 0.47 1.30	34.81 0.55 1.39	23.35 0.13 1.17	22.24 -0.05 1.25	14.37 0.15 17.39	74.74 -1.39 2.24	81.40 -3.40 4.91	87.12 -1.03 -0.45	26.65 0.08 1.26	30.15 0.37 -0.33	29.14 0.61 0.00	28.20 1.29 1.32	30.82 1.49 0.69	30.84 0.97 1.02	28.76 0.36 1.76	41.80 -0.73 -0.01	53.31 -0.89 0.00	98.07 -3.33 -0.03	55.01 -1.60 0.00	39.48 -1.29 0.00	42.19 -1.23 0.00	40.73 -0.46 0.00	31.30 0.07 0.00
INDECK___OSWEGO 23783	27.43 -0.69 0.00	33.24 -0.91 0.00	34.70 -0.94 0.00	23.76 -0.63 0.00	22.90 -0.63 0.00	30.84 -0.77 0.00	76.50 -1.88 0.00	93.83 -2.51 -6.63	85.65 -2.05 0.00	27.11 -0.72 0.00	28.60 -0.85 0.00	27.73 -0.81 0.00	27.51 -0.71 0.00	29.41 -0.61 0.00	30.22 -0.67 0.00	29.31 -0.84 0.00	41.08 -1.45 0.00	52.28 -1.92 0.00	97.74 -3.63 0.00	54.60 -2.01 0.00	39.37 -1.40 0.00	41.98 -1.45 0.00	39.73 -1.47 0.00	30.11 -1.12 0.00
INDECK___YERKES 23781	27.32 0.00 0.79	32.93 -0.34 0.88	34.32 -0.38 0.95	23.08 -0.52 0.80	21.99 -0.70 0.85	19.14 -0.62 11.85	73.46 -3.35 1.56	72.86 -7.11 9.73	80.49 -4.75 2.47	26.25 -0.72 0.86	29.46 -0.26 -0.28	28.28 -0.30 -0.04	27.91 0.58 0.90	29.92 0.49 0.60	30.24 0.07 0.73	28.61 -0.39 1.14	41.32 -1.20 0.00	51.73 -2.47 0.00	95.14 -6.23 0.00	53.96 -2.65 0.00	38.83 -1.94 0.00	41.71 -1.71 0.00	40.00 -1.20 0.00	30.91 -0.32 0.00
INDIAN POINT_GT_1 24139	29.92 1.81 0.00	36.06 1.92 0.00	37.53 1.89 0.00	25.68 1.29 0.00	24.70 1.17 0.00	33.11 1.50 0.00	82.24 3.87 0.00	93.18 5.16 1.69	93.55 5.85 0.00	29.75 1.92 0.00	39.99 2.01 -8.54	68.54 2.02 -37.98	53.60 1.87 -23.51	41.80 2.01 -9.76	37.71 1.80 -5.01	35.85 1.82 -3.88	44.75 2.01 -0.22	61.02 2.99 -3.83	109.60 6.16 -2.06	59.62 3.00 0.00	42.85 2.08 0.00	45.63 2.20 0.00	43.39 2.19 0.00	32.75 1.52 0.00
INDIAN POINT_GT_2 23659	29.92 1.81 0.00	36.06 1.92 0.00	37.53 1.89 0.00	25.68 1.29 0.00	24.70 1.17 0.00	33.11 1.50 0.00	82.24 3.87 0.00	93.18 5.16 1.69	93.55 5.85 0.00	29.75 1.92 0.00	39.99 2.01 -8.54	68.54 2.02 -37.98	53.60 1.87 -23.51	41.80 2.01 -9.76	37.71 1.80 -5.01	35.85 1.82 -3.88	44.75 2.01 -0.22	61.02 2.99 -3.83	109.60 6.16 -2.06	59.62 3.00 0.00	42.85 2.08 0.00	45.63 2.20 0.00	43.39 2.19 0.00	32.75 1.52 0.00
INDIAN POINT_GT_3 24019	29.92 1.81 0.00	36.06 1.92 0.00	37.53 1.89 0.00	25.68 1.29 0.00	24.70 1.17 0.00	33.11 1.50 0.00	82.24 3.87 0.00	93.18 5.16 1.69	93.55 5.85 0.00	29.75 1.92 0.00	39.99 2.01 -8.54	68.54 2.02 -37.98	53.60 1.87 -23.51	41.80 2.01 -9.76	37.71 1.80 -5.01	35.85 1.82 -3.88	44.75 2.01 -0.22	61.02 2.99 -3.83	109.60 6.16 -2.06	59.62 3.00 0.00	42.85 2.08 0.00	45.63 2.20 0.00	43.39 2.19 0.00	32.75 1.52 0.00
INDIAN POINT___2 23530	29.89 1.78 0.00	36.03 1.88 0.00	37.51 1.87 0.00	25.67 1.27 0.00	24.68 1.15 0.00	33.10 1.49 0.00	82.23 3.86 0.00	93.10 5.11 1.72	93.52 5.82 0.00	29.73 1.90 0.00	39.52 1.99 -8.08	68.77 2.01 -38.23	54.04 1.87 -23.95	41.97 2.00 -9.94	37.79 1.79 -5.10	35.89 1.79 -3.95	44.73 1.98 -0.22	61.06 2.97 -3.90	109.58 6.11 -2.10	59.59 2.97 0.00	42.81 2.04 0.00	45.60 2.17 0.00	43.37 2.17 0.00	32.73 1.50 0.00
INDIAN POINT___3 23531	29.88 1.76 0.00	36.01 1.87 0.00	37.49 1.85 0.00	25.66 1.27 0.00	24.68 1.15 0.00	33.10 1.49 0.00	82.21 3.83 0.00	93.09 5.07 1.69	93.46 5.76 0.00	29.73 1.89 0.00	40.02 1.98 -8.59	67.57 2.00 -37.03	52.84 1.85 -22.77	41.48 2.00 -9.45	37.53 1.78 -4.85	35.70 1.79 -3.76	44.72 1.98 -0.21	60.84 2.94 -3.70	109.43 6.06 -2.00	59.56 2.95 0.00	42.82 2.04 0.00	45.60 2.17 0.00	43.36 2.16 0.00	32.72 1.49 0.00
INGHAM_C_115KV_TB7 356103	30.16 2.05 0.00	36.38 2.23 0.00	37.94 2.30 0.00	25.97 1.57 0.00	25.07 1.54 0.00	33.72 2.11 0.00	83.89 5.52 0.00	97.02 8.37 1.06	100.06 12.36 0.00	29.68 1.84 0.00	30.26 0.82 0.00	29.26 0.72 0.00	28.70 0.48 0.00	30.51 0.48 0.00	31.22 0.32 0.00	31.05 0.89 0.00	44.43 1.90 0.00	57.41 3.22 0.00	107.86 6.49 0.00	60.07 3.46 0.00	43.33 2.56 0.00	46.13 2.71 0.00	43.83 2.63 0.00	32.99 1.76 0.00
IP CORINTH___1 23988	29.40 1.28 0.00	35.53 1.38 0.00	37.03 1.39 0.00	25.40 1.00 0.00	24.53 1.01 0.00	32.86 1.25 0.00	82.02 3.64 0.00	92.95 4.53 1.29	92.24 4.54 0.00	28.78 0.95 0.00	29.66 0.77 0.56	26.87 0.76 2.43	27.33 0.60 1.50	30.09 0.69 0.62	31.09 0.51 0.32	30.64 0.74 0.25	43.84 1.33 0.01	56.31 2.35 0.24	106.72 5.47 0.13	59.42 2.81 0.00	42.76 1.99 0.00	45.29 1.87 0.00	42.98 1.78 0.00	32.31 1.08 0.00
IP___TICONDEROGA 23804	30.70 2.59 0.00	36.92 2.78 0.00	38.43 2.79 0.00	26.51 2.11 0.00	25.72 2.19 0.00	34.62 3.01 0.00	86.60 8.23 0.00	98.74 10.32 1.29	98.02 10.32 0.00	30.07 2.24 0.00	30.75 1.87 0.56	27.79 1.70 2.44	28.10 1.38 1.51	31.10 1.70 0.63	32.00 1.43 0.32	31.88 1.98 0.25	45.93 3.42 0.01	59.31 5.35 0.24	113.64 12.39 0.13	63.40 6.78 0.00	45.62 4.85 0.00	47.86 4.43 0.00	45.35 4.16 0.00	33.83 2.60 0.00
ISLIP_RES_REC 323679	30.15 2.03 0.00	36.18 2.03 0.00	37.58 1.94 0.00	25.82 1.42 0.00	24.65 1.12 0.00	31.91 1.17 0.87	81.43 2.95 -0.11	77.70 4.27 16.27	62.77 5.06 29.99	27.29 1.81 2.35	56.04 1.90 -24.69	21.38 2.07 9.23	36.78 1.97 -6.59	68.03 2.14 -35.86	61.59 1.83 -28.86	51.59 1.83 -19.60	45.70 1.77 -1.40	67.43 3.05 -10.19	102.51 5.49 4.35	66.89 2.51 -7.76	38.62 2.03 4.18	56.86 2.02 -11.41	52.75 2.04 -9.50	33.06 1.37 -0.45

JAMAICA__27_KV_LOAD 355505	30.25 2.14 0.00	36.47 2.33 0.00	37.94 2.29 0.00	25.97 1.57 0.00	24.99 1.45 0.00	33.55 1.93 0.00	83.30 4.92 0.00	94.23 6.17 1.65	94.58 6.88 0.00	30.16 2.33 0.00	40.44 2.45 -8.54	92.50 2.42 -61.55	71.62 2.29 -41.11	49.61 2.52 -17.07	41.95 2.31 -8.75	39.20 2.26 -6.79	45.34 2.43 -0.39	64.49 3.55 -6.74	112.28 7.27 -3.64	60.12 3.50 0.00	43.10 2.33 0.00	45.85 2.42 0.00	43.64 2.44 0.00	32.97 1.74 0.00
JANIS__SOLAR 323808	29.14 0.79 -0.23	35.28 0.88 -0.26	36.87 0.96 -0.28	25.29 0.66 -0.23	24.49 0.71 -0.25	36.28 1.20 -3.46	82.12 3.29 -0.46	88.06 3.51 5.16	91.95 3.54 -0.71	28.45 0.37 -0.24	30.11 0.15 -0.51	30.93 0.09 -2.31	29.96 0.09 -1.65	31.27 0.49 -0.75	32.42 1.01 -0.51	31.87 1.16 -0.57	43.99 1.45 -0.01	56.23 1.82 -0.22	104.86 3.37 -0.12	58.78 2.17 0.00	42.40 1.63 0.00	44.88 1.46 0.00	42.62 1.43 0.00	32.29 1.06 0.00
JARVIS____ 23743	28.29 0.18 0.00	34.32 0.17 0.00	35.83 0.19 0.00	24.53 0.13 0.00	23.65 0.12 0.00	31.76 0.15 0.00	78.73 0.35 0.00	89.54 0.89 1.06	88.59 0.89 0.00	28.02 0.19 0.00	29.57 0.12 0.00	28.66 0.12 0.00	28.31 0.09 0.00	30.15 0.13 0.00	31.00 0.11 0.00	30.31 0.16 0.00	42.70 0.17 0.00	54.50 0.31 0.00	102.07 0.70 0.00	56.95 0.34 0.00	41.02 0.25 0.00	43.69 0.27 0.00	41.43 0.23 0.00	31.37 0.14 0.00
JENNISON____1 23625	28.71 0.59 0.00	34.92 0.78 0.00	36.48 0.84 0.00	24.97 0.57 0.00	24.15 0.62 0.00	32.70 1.09 0.00	81.53 3.16 0.00	88.12 3.58 5.17	91.59 3.89 0.00	28.56 0.72 0.00	30.84 0.75 -0.65	32.01 0.61 -2.86	30.45 0.46 -1.77	31.40 0.64 -0.73	32.06 0.78 -0.37	31.49 1.04 -0.29	43.74 1.20 -0.02	56.04 1.57 -0.28	104.09 2.57 -0.15	58.63 2.02 0.00	42.24 1.46 0.00	44.50 1.07 0.00	42.35 1.15 0.00	32.16 0.93 0.00
JENNISON____2 23626	28.71 0.59 0.00	34.92 0.78 0.00	36.48 0.84 0.00	24.97 0.57 0.00	24.15 0.62 0.00	32.70 1.09 0.00	81.53 3.16 0.00	88.12 3.58 5.17	91.59 3.89 0.00	28.56 0.72 0.00	30.84 0.75 -0.65	32.01 0.61 -2.86	30.45 0.46 -1.77	31.40 0.64 -0.73	32.06 0.78 -0.37	31.49 1.04 -0.29	43.74 1.20 -0.02	56.04 1.57 -0.28	104.09 2.57 -0.15	58.63 2.02 0.00	42.24 1.46 0.00	44.50 1.07 0.00	42.35 1.15 0.00	32.16 0.93 0.00
JERICOHO_RISE_WT_PWR 323719	27.00 -1.12 0.00	-13.48 -1.05 46.57	-24.37 -1.17 58.85	-23.73 -0.85 47.28	-23.74 -0.76 46.51	-23.73 -0.97 54.36	-24.24 -2.28 100.34	-27.79 -2.43 115.07	15.59 -2.59 69.52	27.45 -0.39 0.00	29.66 0.21 0.00	28.40 -0.13 0.00	28.18 -0.04 0.00	30.15 0.12 0.00	31.23 0.33 0.00	30.34 0.19 0.00	42.85 0.32 0.00	54.41 0.22 0.00	101.50 0.13 0.00	56.55 -0.07 0.00	40.68 -0.10 0.00	43.42 -0.01 0.00	41.56 0.36 0.00	31.58 0.34 0.00
KATONAH__115KV_46KV_TB4 355592	29.98 1.86 0.00	36.14 1.99 0.00	37.61 1.97 0.00	25.75 1.35 0.00	24.78 1.25 0.00	33.22 1.61 0.00	82.47 4.10 0.00	93.51 5.43 1.63	93.82 6.12 0.00	29.84 2.01 0.00	39.74 2.09 -8.20	45.71 2.09 -15.08	36.75 1.92 -6.60	34.85 2.08 -2.74	34.17 1.87 -1.41	33.14 1.90 -1.09	44.75 2.16 -0.06	58.37 3.13 -1.05	108.36 6.42 -0.57	59.81 3.20 0.00	43.00 2.23 0.00	45.77 2.34 0.00	43.50 2.30 0.00	32.82 1.59 0.00
KCE_NY_1 323755	29.51 1.39 0.00	35.72 1.58 0.00	37.26 1.62 0.00	25.50 1.11 0.00	24.60 1.07 0.00	33.00 1.39 0.00	82.23 3.86 0.00	92.97 4.55 1.29	92.42 4.72 0.00	29.01 1.17 0.00	29.95 1.07 0.57	27.11 1.05 2.47	27.61 0.91 1.52	30.40 1.00 0.63	31.43 0.85 0.33	30.92 1.02 0.25	44.05 1.54 0.01	56.45 2.50 0.24	106.77 5.53 0.13	59.36 2.75 0.00	42.76 1.99 0.00	45.38 1.95 0.00	43.18 1.98 0.00	32.50 1.27 0.00
KCE_NY_6_ESR 323823	27.27 0.05 0.89	32.89 -0.27 0.99	34.29 -0.28 1.07	23.05 -0.45 0.90	21.91 -0.66 0.96	17.69 -0.58 13.34	73.53 -3.09 1.75	72.81 -6.67 10.22	80.35 -4.53 2.82	26.17 -0.68 0.98	29.48 -0.26 -0.29	28.35 -0.22 -0.03	27.80 0.59 1.02	29.88 0.53 0.68	30.14 0.08 0.83	28.45 -0.40 1.30	41.36 -1.17 0.00	52.04 -2.15 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.98 -1.79 0.00	41.82 -1.61 0.00	40.11 -1.08 0.00	30.91 -0.32 0.00
KEDC_PORT_JEFF_GT2 24210	30.00 1.88 0.00	36.00 1.85 0.00	37.40 1.76 0.00	25.69 1.30 0.00	24.53 1.00 0.00	30.84 1.01 1.77	71.02 2.44 9.79	70.11 3.52 23.11	54.46 4.24 37.49	27.05 1.60 2.38	34.83 1.74 -3.64	-1.79 1.93 32.26	18.87 1.83 11.18	43.46 1.99 -11.44	43.50 1.70 -10.91	37.80 1.71 -5.94	35.65 1.54 8.42	56.31 2.59 0.48	81.75 4.30 23.93	49.47 1.86 9.00	36.25 1.65 6.18	38.11 1.68 7.00	37.35 1.79 5.64	32.41 1.18 0.00
KEDC_PORT_JEFF_GT3 24211	30.00 1.88 0.00	36.00 1.85 0.00	37.40 1.76 0.00	25.69 1.30 0.00	24.53 1.00 0.00	30.84 1.01 1.77	71.02 2.44 9.79	70.11 3.52 23.11	54.46 4.24 37.49	27.05 1.60 2.38	34.83 1.74 -3.64	-1.79 1.93 32.26	18.87 1.83 11.18	43.46 1.99 -11.44	43.50 1.70 -10.91	37.80 1.71 -5.94	35.65 1.54 8.42	56.31 2.59 0.48	81.75 4.30 23.93	49.47 1.86 9.00	36.25 1.65 6.18	38.11 1.68 7.00	37.35 1.79 5.64	32.41 1.18 0.00
KEDC_GLWD_GT4 24219	30.16 2.05 0.00	36.30 2.15 0.00	37.75 2.10 0.00	25.86 1.46 0.00	24.83 1.30 0.00	33.20 1.59 0.00	82.36 3.99 0.00	93.11 5.49 2.09	88.60 6.35 5.44	29.29 2.13 0.67	39.43 2.25 -7.72	1.69 2.33 29.18	23.25 2.24 7.21	49.77 2.42 -17.33	48.49 2.20 -15.39	42.96 2.19 -10.62	41.54 2.32 3.31	70.63 3.49 -12.95	107.98 6.79 0.17	59.96 3.34 -0.01	43.18 2.41 0.00	45.91 2.49 0.00	43.65 2.46 0.00	32.95 1.72 0.00
KEDC_GLWD_GT5 24220	30.16 2.05 0.00	36.30 2.15 0.00	37.75 2.10 0.00	25.86 1.46 0.00	24.83 1.30 0.00	33.20 1.59 0.00	82.36 3.99 0.00	93.11 5.49 2.09	88.60 6.35 5.44	29.29 2.13 0.67	39.43 2.25 -7.72	1.69 2.33 29.18	23.25 2.24 7.21	49.77 2.42 -17.33	48.49 2.20 -15.39	42.96 2.19 -10.62	41.54 2.32 3.31	70.63 3.49 -12.95	107.98 6.79 0.17	59.96 3.34 -0.01	43.18 2.41 0.00	45.91 2.49 0.00	43.65 2.46 0.00	32.95 1.72 0.00
KENSICO____ 23655	29.98 1.87 0.00	36.11 1.96 0.00	37.59 1.95 0.00	25.73 1.34 0.00	24.75 1.22 0.00	33.18 1.57 0.00	82.37 4.00 0.00	93.36 5.32 1.67	93.73 6.03 0.00	29.83 2.00 0.00	40.16 2.10 -8.61	72.16 2.11 -41.52	56.27 1.95 -26.11	42.97 2.10 -10.84	38.35 1.89 -5.56	36.37 1.90 -4.31	44.89 2.12 -0.24	61.56 3.10 -4.26	110.02 6.35 -2.30	59.74 3.13 0.00	42.95 2.18 0.00	45.73 2.30 0.00	43.48 2.28 0.00	32.82 1.59 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.11 2.00 0.00	36.28 2.14 0.00	37.82 2.18 0.00	25.88 1.48 0.00	24.89 1.36 0.00	33.41 1.80 0.00	83.07 4.70 0.00	94.03 6.08 1.76	94.29 6.59 0.00	29.83 2.00 0.00	33.99 1.96 -2.58	39.52 1.88 -9.11	35.25 1.69 -5.34	33.86 1.61 -2.22	33.47 1.44 -1.14	32.54 1.52 -0.87	44.43 1.85 -0.05	57.78 2.87 -0.72	107.82 6.06 -0.39	59.67 3.06 0.00	42.95 2.18 0.00	46.02 2.60 0.00	43.68 2.48 0.00	32.92 1.69 0.00

KIAC_JFK_GT1 23816	30.17 2.06 0.00	36.37 2.22 0.00	37.83 2.19 0.00	25.90 1.50 0.00	24.92 1.39 0.00	33.44 1.83 0.00	83.03 4.66 0.00	93.91 5.86 1.65	94.29 6.59 0.00	30.08 2.25 0.00	40.35 2.36 -8.54	92.42 2.33 -61.55	71.54 2.21 -41.11	49.52 2.43 -17.07	41.86 2.21 -8.75	39.11 2.17 -6.79	45.21 2.30 -0.39	64.29 3.35 -6.74	111.92 6.91 -3.64	59.91 3.30 0.00	42.96 2.19 0.00	45.69 2.27 0.00	43.50 2.30 0.00	32.87 1.64 0.00
KIAC_JFK_GT2 23817	30.17 2.06 0.00	36.37 2.22 0.00	37.83 2.19 0.00	25.90 1.50 0.00	24.92 1.39 0.00	33.44 1.83 0.00	83.03 4.66 0.00	93.91 5.86 1.65	94.29 6.59 0.00	30.08 2.25 0.00	40.35 2.36 -8.54	92.42 2.33 -61.55	71.54 2.21 -41.11	49.52 2.43 -17.07	41.86 2.21 -8.75	39.11 2.17 -6.79	45.21 2.30 -0.39	64.29 3.35 -6.74	111.92 6.91 -3.64	59.91 3.30 0.00	42.96 2.19 0.00	45.69 2.27 0.00	43.50 2.30 0.00	32.87 1.64 0.00
KIAC_JFK____ 323774	30.17 2.05 0.00	36.37 2.22 0.00	37.83 2.19 0.00	25.90 1.51 0.00	24.92 1.39 0.00	33.45 1.84 0.00	83.03 4.66 0.00	93.91 5.85 1.65	94.31 6.61 0.00	30.07 2.24 0.00	40.35 2.36 -8.54	92.43 2.34 -61.55	71.56 2.23 -41.11	49.52 2.43 -17.07	41.86 2.21 -8.75	39.10 2.16 -6.79	45.20 2.29 -0.39	64.29 3.36 -6.74	111.93 6.92 -3.64	59.91 3.30 0.00	42.96 2.19 0.00	45.69 2.26 0.00	43.49 2.30 0.00	32.87 1.64 0.00
KINTIGH__24_KV_GSU 356498	27.27 -0.16 0.68	32.90 -0.49 0.76	34.32 -0.51 0.82	23.14 -0.57 0.69	22.10 -0.71 0.73	20.72 -0.69 10.20	73.62 -3.42 1.33	73.87 -6.50 9.33	81.18 -4.49 2.03	26.35 -0.78 0.71	29.28 -0.43 -0.25	28.15 -0.43 -0.05	27.81 0.32 0.74	29.86 0.33 0.50	30.25 -0.03 0.62	28.74 -0.44 0.97	41.30 -1.22 0.00	51.83 -2.37 0.00	95.56 -5.81 0.00	54.02 -2.60 0.00	38.89 -1.88 0.00	41.71 -1.71 0.00	39.94 -1.26 0.00	30.76 -0.47 0.00
KINTIGH____ 23543	27.94 -0.18 0.00	33.62 -0.52 0.00	35.08 -0.57 0.00	23.80 -0.60 0.00	22.80 -0.73 0.00	30.88 -0.73 0.00	74.88 -3.50 7.01	76.06 -6.64 7.01	83.15 -4.55 0.00	27.02 -0.82 0.00	29.25 -0.46 -0.25	28.27 -0.45 -0.19	28.54 0.32 0.00	30.33 0.31 0.00	30.86 -0.04 0.00	29.67 -0.48 0.00	41.27 -1.26 0.00	51.82 -2.38 0.00	95.52 -5.85 0.00	54.00 -2.61 0.00	38.88 -1.89 0.00	41.70 -1.73 0.00	39.92 -1.28 0.00	30.74 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.72 -1.40 0.00	-13.60 -1.17 46.57	-24.10 -1.33 58.42	-23.82 -0.94 47.28	-23.77 -0.80 46.51	-23.77 -1.02 54.36	-23.81 -2.12 100.06	-24.86 -2.37 112.20	15.97 -2.64 69.09	27.56 -0.27 0.00	30.15 0.70 0.00	28.66 0.12 0.00	28.47 0.25 0.00	30.45 0.42 0.00	31.55 0.65 0.00	30.52 0.37 0.00	42.84 0.32 0.00	54.41 0.21 0.00	101.56 0.19 0.00	56.43 -0.18 0.00	40.59 -0.18 0.00	43.48 0.05 0.00	41.96 0.76 0.00	31.88 0.65 0.00
LACHUTE____HYDRO 323717	30.70 2.59 0.00	36.93 2.78 0.00	38.43 2.79 0.00	26.51 2.11 0.00	25.72 2.19 0.00	34.62 3.01 0.00	86.60 8.23 0.00	98.74 10.33 1.29	98.02 10.32 0.00	30.08 2.24 0.00	30.75 1.87 0.56	27.80 1.71 2.44	28.10 1.38 1.51	31.10 1.69 0.63	32.00 1.43 0.32	31.88 1.98 0.25	45.93 3.42 0.01	59.31 5.35 0.24	113.63 12.39 0.13	63.40 6.78 0.00	45.62 4.85 0.00	47.85 4.42 0.00	45.35 4.16 0.00	33.82 2.59 0.00
LAWRNCALV_115KV_TB1 80681	28.14 0.03 0.00	34.41 0.27 0.00	37.22 0.21 -1.36	24.48 0.08 0.00	23.63 0.10 0.00	31.90 0.30 0.00	80.12 0.86 -0.89	100.05 1.23 -9.11	89.79 0.72 -1.37	28.00 0.16 0.00	29.74 0.29 0.00	28.69 0.15 0.00	28.33 0.11 0.00	30.21 0.18 0.00	31.40 0.50 0.00	30.67 0.52 0.00	43.39 0.86 0.00	55.07 0.87 0.00	102.67 1.30 0.00	57.46 0.85 0.00	41.58 0.81 0.00	44.45 1.02 0.00	41.98 0.78 0.00	31.81 0.58 0.00
LEDERLE____ 23769	30.05 1.93 0.00	36.21 2.06 0.00	37.69 2.05 0.00	25.79 1.40 0.00	24.81 1.28 0.00	33.38 1.77 0.00	82.97 4.60 0.00	93.95 5.99 1.75	94.36 6.66 0.00	29.98 2.15 0.00	39.55 2.25 -7.85	65.62 2.27 -34.81	51.90 2.14 -21.53	41.27 2.30 -8.94	37.59 2.11 -4.58	35.81 2.10 -3.55	45.05 2.32 -0.20	61.13 3.43 -3.50	110.19 6.93 -1.89	60.00 3.39 0.00	43.12 2.34 0.00	45.92 2.49 0.00	43.66 2.46 0.00	32.92 1.69 0.00
LIGHTHSE_115KV_TB6 355974	27.68 -0.44 0.00	33.61 -0.54 0.00	35.08 -0.57 0.00	24.01 -0.38 0.00	23.11 -0.42 0.00	31.26 -0.35 0.00	77.92 -0.46 0.00	89.38 -0.33 0.00	87.83 0.13 0.00	27.60 -0.23 0.00	28.90 -0.55 0.00	27.95 -0.59 0.00	27.70 -0.52 0.00	29.78 -0.25 0.00	30.80 -0.09 0.00	30.06 -0.09 0.00	42.07 -0.46 0.00	53.70 -0.50 0.00	100.30 -1.07 0.00	56.04 -0.58 0.00	40.47 -0.30 0.00	43.16 -0.27 0.00	40.58 -0.62 0.00	30.66 -0.57 0.00
LINDEN COGEN____ 23786	30.09 1.97 0.00	36.23 2.09 0.00	37.69 2.05 0.00	25.80 1.41 0.00	24.81 1.28 0.00	33.27 1.66 0.00	82.61 4.24 0.00	93.64 5.58 1.65	94.05 6.35 0.00	29.98 2.15 0.00	40.26 2.27 -8.54	92.35 2.27 -61.55	71.42 2.09 -41.11	49.35 2.26 -17.07	41.71 2.06 -8.75	39.00 2.06 -6.79	45.17 2.26 -0.39	64.25 3.32 -6.74	111.73 6.72 -3.64	59.88 3.27 0.00	43.02 2.25 0.00	45.80 2.38 0.00	43.57 2.37 0.00	32.92 1.69 0.00
LINDHRST_69_KV_BK1 356055	30.35 2.24 0.00	36.46 2.31 0.00	37.87 2.23 0.00	25.96 1.57 0.00	24.85 1.32 0.00	32.87 1.54 0.28	81.51 3.89 0.75	88.72 5.51 6.49	75.78 6.38 18.30	28.12 2.16 1.88	37.89 2.27 -6.16	-0.61 2.40 31.54	15.16 2.31 15.37	38.41 2.49 -5.89	40.02 2.24 -6.88	35.68 2.27 -3.27	35.87 2.27 8.93	61.78 3.63 -3.96	96.08 6.75 12.04	57.70 3.24 2.15	41.84 2.54 1.48	44.37 2.62 1.67	42.42 2.58 1.35	33.02 1.78 0.00
LIPA_MISC_IPP 23656	29.94 1.83 0.00	35.94 1.79 0.00	37.32 1.68 0.00	25.66 1.26 0.00	24.44 0.91 0.00	21.64 0.86 10.84	-25.06 2.09 105.52	-1.32 3.30 94.32	-19.50 4.11 111.31	26.89 1.46 2.41	-58.30 1.57 89.33	-105.77 1.79 136.10	-58.41 1.63 88.26	-62.63 1.78 94.44	-34.54 1.50 66.93	-21.52 1.51 53.18	-7.34 1.28 51.15	7.26 2.36 49.29	-10.05 4.31 115.73	-29.22 1.88 87.71	25.11 1.56 17.23	-47.58 1.51 92.52	-33.15 1.59 75.94	30.20 1.02 2.05
LISF____SOLAR 323691	29.98 1.87 0.00	35.97 1.83 0.00	37.37 1.73 0.00	25.69 1.30 0.00	24.48 0.95 0.00	20.60 0.91 11.91	-36.92 2.20 117.50	-9.12 3.46 102.29	-27.74 4.25 119.69	26.93 1.49 2.40	-91.14 1.58 122.16	-142.41 1.80 172.74	-93.94 1.66 123.82	-111.45 1.81 143.29	-70.39 1.55 102.84	-48.73 1.56 80.44	-26.78 1.35 70.67	-13.85 2.45 70.50	-43.04 4.47 148.88	-55.73 1.98 114.33	22.07 1.63 20.33	-76.80 1.58 121.80	-57.18 1.65 100.03	29.52 1.07 2.78
LITTLE FALLS____HYD 24013	30.16 2.05 0.00	36.38 2.23 0.00	37.94 2.30 0.00	25.97 1.57 0.00	25.07 1.54 0.00	33.72 2.11 0.00	83.89 5.52 0.00	97.02 8.37 1.06	100.06 12.36 0.00	29.68 1.84 0.00	30.26 0.82 0.00	29.26 0.72 0.00	28.70 0.48 0.00	30.51 0.48 0.00	31.22 0.32 0.00	31.05 0.89 0.00	44.43 1.90 0.00	57.41 3.22 0.00	107.86 6.49 0.00	60.07 3.46 0.00	43.33 2.56 0.00	46.13 2.71 0.00	43.83 2.63 0.00	32.99 1.76 0.00

LITTLRIV_115KV_TB1 356100	28.55 0.44 0.00	34.92 0.77 0.00	37.92 0.72 -1.55	24.83 0.43 0.00	23.97 0.45 0.00	32.38 0.77 0.00	81.50 2.12 -1.01	102.71 2.65 -10.36	91.11 1.85 -1.56	28.13 0.30 0.00	29.81 0.37 0.00	28.77 0.24 0.00	28.42 0.20 0.00	30.30 0.27 0.00	31.69 0.79 0.00	31.00 0.85 0.00	44.03 1.50 0.00	55.91 1.72 0.00	104.27 2.90 0.00	58.40 1.79 0.00	42.24 1.46 0.00	45.10 1.67 0.00	42.54 1.34 0.00	32.22 0.98 0.00
LI_NEWBRDGE___DRP 323616	29.91 1.80 0.00	35.96 1.81 0.00	37.39 1.75 0.00	25.63 1.23 0.00	24.56 1.03 0.00	32.75 1.14 0.00	81.17 2.80 0.01	90.65 4.27 3.33	71.99 5.23 20.94	27.03 1.79 2.59	36.79 1.92 -5.42	-1.96 2.07 32.56	11.35 2.02 18.89	32.98 2.18 -0.77	35.86 1.92 -3.04	31.87 1.91 0.19	32.45 1.77 11.85	59.92 2.91 -2.82	94.70 5.54 12.21	59.14 2.52 -0.01	42.69 1.91 0.00	45.38 1.96 0.00	43.14 1.95 0.00	32.58 1.34 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.84 -0.28 0.00	33.44 -0.71 0.00	34.85 -0.79 0.00	23.63 -0.77 0.00	22.61 -0.91 0.00	30.68 -0.92 0.00	74.16 -4.21 0.00	74.85 -7.91 6.95	82.12 -5.58 0.00	26.89 -0.94 0.00	29.28 -0.44 -0.27	28.31 -0.43 -0.20	28.76 0.54 0.00	30.38 0.35 0.00	30.73 -0.17 0.00	29.47 -0.69 0.00	41.12 -1.41 0.00	51.25 -2.95 0.00	94.34 -7.03 0.00	53.50 -3.11 0.00	38.51 -2.26 0.00	41.42 -2.01 0.00	39.67 -1.52 0.00	30.63 -0.60 0.00
LOCKPORT___CC1 323769	27.15 -0.27 0.69	32.70 -0.67 0.77	34.09 -0.73 0.83	22.96 -0.74 0.70	21.89 -0.90 0.74	20.37 -0.89 10.35	72.84 -4.16 1.37	72.33 -7.93 9.45	79.84 -5.66 2.20	26.14 -0.93 0.76	29.26 -0.46 -0.27	28.13 -0.46 -0.05	27.89 0.46 0.80	29.83 0.33 0.53	30.07 -0.20 0.64	28.48 -0.68 0.99	41.05 -1.47 0.00	51.20 -2.99 0.00	94.26 -7.11 0.00	53.46 -3.15 0.00	38.50 -2.28 0.00	41.38 -2.05 0.00	39.66 -1.54 0.00	30.63 -0.60 0.00
LOCKPORT___CC2 323770	27.15 -0.27 0.69	32.70 -0.67 0.77	34.09 -0.73 0.83	22.96 -0.74 0.70	21.89 -0.90 0.74	20.37 -0.89 10.35	72.84 -4.16 1.37	72.33 -7.93 9.45	79.84 -5.66 2.20	26.14 -0.93 0.76	29.26 -0.46 -0.27	28.13 -0.46 -0.05	27.89 0.46 0.80	29.83 0.33 0.53	30.07 -0.20 0.64	28.48 -0.68 0.99	41.05 -1.47 0.00	51.20 -2.99 0.00	94.26 -7.11 0.00	53.46 -3.15 0.00	38.50 -2.28 0.00	41.38 -2.05 0.00	39.66 -1.54 0.00	30.63 -0.60 0.00
LOCKPORT___CC3 323771	27.15 -0.27 0.69	32.70 -0.67 0.77	34.09 -0.73 0.83	22.96 -0.74 0.70	21.89 -0.90 0.74	20.37 -0.89 10.35	72.84 -4.16 1.37	72.33 -7.93 9.45	79.84 -5.66 2.20	26.14 -0.93 0.76	29.26 -0.46 -0.27	28.13 -0.46 -0.05	27.89 0.46 0.80	29.83 0.33 0.53	30.07 -0.20 0.64	28.48 -0.68 0.99	41.05 -1.47 0.00	51.20 -2.99 0.00	94.26 -7.11 0.00	53.46 -3.15 0.00	38.50 -2.28 0.00	41.38 -2.05 0.00	39.66 -1.54 0.00	30.63 -0.60 0.00
LOCUSVLY_69_KV_BK2 55797	30.15 2.04 0.00	36.25 2.11 0.00	37.68 2.04 0.00	25.83 1.43 0.00	24.76 1.23 0.00	33.39 1.46 -0.31	82.89 3.67 -0.84	96.70 5.27 -1.73	88.42 6.13 5.41	28.80 2.08 1.11	38.86 2.21 -7.20	0.87 2.32 29.99	20.45 2.24 10.01	45.82 2.42 -13.38	45.53 2.18 -12.45	40.38 2.17 -8.07	39.79 2.20 4.94	70.36 3.40 -12.76	109.09 6.62 -1.10	62.24 3.19 -2.43	44.76 2.32 -1.67	47.71 2.40 -1.89	45.06 2.34 -1.52	32.88 1.65 0.00
LONG_LAKE_PHOENIX 24014	27.60 -0.51 0.00	33.41 -0.73 0.00	34.87 -0.78 0.00	23.89 -0.51 0.00	23.02 -0.51 0.00	31.00 -0.61 0.00	76.84 -1.53 0.00	90.49 -2.19 -2.97	86.00 -1.70 0.00	27.25 -0.58 0.00	28.92 -0.55 -0.02	28.35 -0.30 -0.12	28.16 -0.06 0.00	30.11 0.08 0.00	30.92 0.03 0.00	29.74 -0.41 0.00	41.59 -0.93 0.00	52.97 -1.22 0.00	99.02 -2.35 0.00	55.33 -1.28 0.00	39.87 -0.90 0.00	42.46 -0.97 0.00	40.22 -0.98 0.00	30.51 -0.72 0.00
LOVETT___3 23632	29.88 1.77 0.00	36.02 1.87 0.00	37.49 1.85 0.00	25.66 1.27 0.00	24.68 1.15 0.00	33.08 1.47 0.00	82.17 3.80 0.00	93.04 5.06 1.73	93.44 5.74 0.00	29.72 1.89 0.00	39.51 1.97 -8.09	66.11 1.99 -35.59	52.05 1.85 -21.98	41.15 2.00 -9.12	37.35 1.77 -4.68	35.56 1.78 -3.63	44.72 1.99 -0.20	60.74 2.98 -3.56	109.41 6.11 -1.92	59.59 2.98 0.00	42.81 2.04 0.00	45.60 2.17 0.00	43.37 2.18 0.00	32.73 1.50 0.00
LOVETT___4 23642	29.88 1.77 0.00	36.02 1.87 0.00	37.49 1.85 0.00	25.66 1.27 0.00	24.68 1.15 0.00	33.08 1.47 0.00	82.17 3.80 0.00	93.04 5.06 1.73	93.44 5.74 0.00	29.72 1.89 0.00	39.51 1.97 -8.09	66.11 1.99 -35.59	52.05 1.85 -21.98	41.15 2.00 -9.12	37.35 1.77 -4.68	35.56 1.78 -3.63	44.72 1.99 -0.20	60.74 2.98 -3.56	109.41 6.11 -1.92	59.59 2.98 0.00	42.81 2.04 0.00	45.60 2.17 0.00	43.37 2.18 0.00	32.73 1.50 0.00
LOVETT___5 23593	29.88 1.77 0.00	36.02 1.87 0.00	37.49 1.85 0.00	25.66 1.27 0.00	24.68 1.15 0.00	33.08 1.47 0.00	82.17 3.80 0.00	93.04 5.06 1.73	93.44 5.74 0.00	29.72 1.89 0.00	39.51 1.97 -8.09	66.11 1.99 -35.59	52.05 1.85 -21.98	41.15 2.00 -9.12	37.35 1.77 -4.68	35.56 1.78 -3.63	44.72 1.99 -0.20	60.74 2.98 -3.56	109.41 6.11 -1.92	59.59 2.98 0.00	42.81 2.04 0.00	45.60 2.17 0.00	43.37 2.18 0.00	32.73 1.50 0.00
LOWER RAQUET___HYD 24057	28.17 0.06 0.00	34.44 0.30 0.00	37.59 0.24 -1.71	24.48 0.09 0.00	23.64 0.11 0.00	31.93 0.32 0.00	80.40 0.92 -1.11	102.50 1.40 -11.40	90.30 0.89 -1.71	28.00 0.17 0.00	29.75 0.30 0.00	28.67 0.14 0.00	28.32 0.10 0.00	30.22 0.19 0.00	31.46 0.56 0.00	30.74 0.59 0.00	43.43 0.91 0.00	55.10 0.90 0.00	102.73 1.36 0.00	57.49 0.88 0.00	41.67 0.90 0.00	44.58 1.15 0.00	42.05 0.86 0.00	31.85 0.62 0.00
LOWER___HUDSON 24059	29.24 1.13 0.00	35.41 1.26 0.00	36.86 1.21 0.00	25.25 0.85 0.00	24.35 0.82 0.00	32.60 0.99 0.00	81.12 2.75 0.00	91.65 3.23 1.29	91.31 3.61 0.00	28.79 0.95 0.00	29.71 0.88 0.62	26.74 0.89 2.69	27.31 0.75 1.66	30.19 0.85 0.69	31.22 0.67 0.35	30.64 0.76 0.27	43.49 0.98 0.02	55.51 1.57 0.26	104.93 3.70 0.14	58.35 1.74 0.00	42.04 1.27 0.00	44.76 1.33 0.00	42.51 1.31 0.00	32.09 0.86 0.00
LOWVILLE_115KV_TB2 356335	27.72 -0.40 0.00	33.96 -0.18 0.00	35.89 -0.24 -0.49	24.21 -0.19 0.00	23.28 -0.26 0.00	31.82 0.21 0.00	80.42 1.73 -0.32	95.20 3.39 -2.11	91.68 3.48 -0.50	28.42 0.59 0.00	29.49 0.05 0.00	28.46 -0.07 0.00	28.01 -0.21 0.00	30.33 0.30 0.00	31.45 0.55 0.00	30.93 0.78 0.00	43.30 0.77 0.00	55.81 1.62 0.00	104.01 2.63 0.00	57.97 1.36 0.00	41.89 1.12 0.00	44.68 1.25 0.00	41.54 0.34 0.00	31.21 -0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.50 1.39 0.00	35.70 1.56 0.00	37.23 1.58 0.00	25.49 1.09 0.00	24.60 1.07 0.00	32.99 1.37 0.00	82.18 3.80 0.00	92.92 4.50 1.29	92.36 4.66 0.00	28.99 1.15 0.00	29.93 1.05 0.57	27.10 1.03 2.47	27.60 0.90 1.52	30.39 0.99 0.63	31.42 0.85 0.33	30.91 1.01 0.25	44.02 1.51 0.01	56.39 2.43 0.24	106.58 5.34 0.13	59.32 2.71 0.00	42.71 1.94 0.00	45.38 1.95 0.00	43.11 1.91 0.00	32.48 1.25 0.00

LUTHERNY_35_KV_BK2 355980	29.51 1.39 0.00	35.72 1.58 0.00	37.25 1.61 0.00	25.50 1.10 0.00	24.60 1.06 0.00	33.00 1.39 0.00	82.23 3.86 0.00	92.98 4.57 1.29	92.40 4.70 0.00	29.01 1.17 0.00	29.95 1.07 0.57	27.11 1.05 2.47	27.61 0.91 1.52	30.40 1.00 0.63	31.42 0.85 0.33	30.92 1.02 0.25	44.06 1.55 0.01	56.45 2.50 0.24	106.78 5.54 0.13	59.36 2.75 0.00	42.75 1.98 0.00	45.37 1.95 0.00	43.18 1.98 0.00	32.50 1.27 0.00
LWR___OSWEGATCHIE_HYD 23850	27.95 -0.16 0.00	34.20 0.05 0.00	36.76 -0.04 -1.16	24.32 -0.08 0.00	23.43 -0.11 0.00	31.80 0.20 0.00	80.32 1.19 -0.76	99.69 2.23 -7.75	90.89 2.02 -1.16	28.13 0.30 0.00	29.52 0.07 0.00	28.45 -0.09 0.00	28.06 -0.17 0.00	30.18 0.16 0.00	31.41 0.52 0.00	30.79 0.64 0.00	43.21 0.69 0.00	55.23 1.03 0.00	102.97 1.60 0.00	57.52 0.91 0.00	41.66 0.88 0.00	44.61 1.18 0.00	41.72 0.53 0.00	31.46 0.23 0.00
LYONS_FALL_HYD 23570	28.13 0.02 0.00	34.34 0.19 0.00	36.12 0.16 -0.32	24.49 0.09 0.00	23.58 0.04 0.00	32.05 0.44 0.00	80.52 1.93 -0.21	93.65 3.23 -0.71	91.28 3.24 -0.34	28.43 0.60 0.00	29.64 0.19 0.00	28.64 0.10 0.00	28.24 0.02 0.00	30.42 0.39 0.00	31.51 0.61 0.00	30.95 0.80 0.00	43.42 0.89 0.00	55.79 1.60 0.00	104.08 2.71 0.00	58.05 1.44 0.00	41.90 1.13 0.00	44.64 1.22 0.00	41.77 0.57 0.00	31.47 0.23 0.00
MADISON___COUNTY_LFGE 323628	28.74 0.63 0.00	34.86 0.71 0.00	36.40 0.76 0.00	24.93 0.54 0.00	24.06 0.52 0.00	32.50 0.89 0.00	80.91 2.54 0.00	89.45 3.18 3.43	90.88 3.18 0.00	28.46 0.63 0.00	29.81 0.36 0.00	28.84 0.31 0.00	28.53 0.31 0.00	30.60 0.57 0.00	31.69 0.79 0.00	31.11 0.96 0.00	43.75 1.22 0.00	55.98 1.79 0.00	104.34 2.97 0.00	58.24 1.63 0.00	41.96 1.18 0.00	44.65 1.23 0.00	42.17 0.97 0.00	31.89 0.66 0.00
MALONE___115KV_TB1 356076	27.58 -0.54 0.00	-12.76 -0.33 46.57	-6.48 -0.37 41.75	-23.21 -0.32 47.28	-23.28 -0.30 46.51	-23.06 -0.31 54.36	-11.41 -0.61 89.17	88.43 -0.30 0.98	34.77 -0.56 52.37	27.95 0.11 0.00	30.27 0.83 0.00	28.75 0.21 0.00	28.46 0.24 0.00	30.45 0.42 0.00	31.53 0.63 0.00	30.74 0.59 0.00	43.39 0.86 0.00	55.29 1.09 0.00	103.17 1.79 0.00	57.53 0.92 0.00	41.44 0.67 0.00	44.21 0.79 0.00	42.11 0.92 0.00	31.96 0.73 0.00
MAPLEWOD_115KV_TB3 80458	29.16 1.05 0.00	35.32 1.18 0.00	36.78 1.14 0.00	25.20 0.80 0.00	24.28 0.75 0.00	32.51 0.90 0.00	80.77 2.39 0.00	91.15 2.75 1.31	90.93 3.23 0.00	28.72 0.89 0.00	29.68 0.85 0.61	26.71 0.84 2.67	27.30 0.72 1.64	30.15 0.81 0.68	31.18 0.63 0.35	30.56 0.68 0.27	43.34 0.83 0.02	55.23 1.29 0.26	104.32 3.09 0.14	58.07 1.46 0.00	41.83 1.06 0.00	44.55 1.12 0.00	42.28 1.08 0.00	31.96 0.73 0.00
MAPLE_RIDGE_WT_1 323574	27.33 -0.78 0.00	33.38 -0.77 0.00	34.86 -0.78 0.00	23.84 -0.56 0.00	23.05 -0.48 0.00	31.18 -0.43 0.00	77.68 -0.70 0.00	89.57 -0.14 0.00	87.63 -0.07 0.00	27.81 -0.02 0.00	29.40 -0.05 0.00	28.50 -0.03 0.00	28.12 -0.10 0.00	29.91 -0.12 0.00	30.79 -0.10 0.00	30.05 -0.11 0.00	42.40 -0.13 0.00	54.10 -0.09 0.00	101.07 -0.31 0.00	56.49 -0.12 0.00	40.72 -0.05 0.00	43.35 -0.08 0.00	41.06 -0.14 0.00	31.14 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	27.33 -0.78 0.00	33.38 -0.77 0.00	34.86 -0.78 0.00	23.84 -0.56 0.00	23.05 -0.48 0.00	31.18 -0.43 0.00	77.68 -0.70 0.00	89.57 -0.14 0.00	87.63 -0.07 0.00	27.81 -0.02 0.00	29.40 -0.05 0.00	28.50 -0.03 0.00	28.12 -0.10 0.00	29.91 -0.12 0.00	30.79 -0.10 0.00	30.05 -0.11 0.00	42.40 -0.13 0.00	54.10 -0.09 0.00	101.07 -0.31 0.00	56.49 -0.12 0.00	40.72 -0.05 0.00	43.35 -0.08 0.00	41.06 -0.14 0.00	31.14 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	-24.16 -2.45 49.82	-26.17 -2.35 57.96	-25.15 -2.47 58.32	-24.58 -1.69 47.28	-24.47 -1.50 46.51	-24.75 -2.00 54.36	-25.65 -4.02 100.00	-26.58 -4.70 111.58	13.77 -4.94 69.00	26.98 -0.85 0.00	29.62 0.17 0.00	28.35 -0.18 0.00	28.26 0.04 0.00	30.39 0.36 0.00	31.54 0.65 0.00	30.48 0.33 0.00	42.69 0.16 0.00	54.00 -0.19 0.00	100.61 -0.77 0.00	55.81 -0.80 0.00	40.13 -0.65 0.00	43.06 -0.37 0.00	41.68 0.48 0.00	31.73 0.50 0.00
MARSHVLE_115KV_TB1 80742	28.11 0.00 0.00	34.06 -0.09 0.00	35.68 0.04 0.00	24.41 0.01 0.00	23.58 0.05 0.00	31.85 0.24 0.00	79.60 1.23 0.00	89.51 1.59 1.78	88.78 1.08 0.00	27.72 -0.11 0.00	29.08 -0.13 0.24	28.24 -0.11 0.18	28.23 0.01 0.00	30.15 0.12 0.00	31.12 0.22 0.00	30.52 0.37 0.00	43.27 0.74 0.00	55.66 1.47 0.00	103.70 2.33 0.00	57.99 1.38 0.00	41.90 1.13 0.00	44.48 1.06 0.00	41.93 0.73 0.00	31.86 0.63 0.00
MARSH_HILL_WT_PWR 323713	27.52 -0.60 0.00	33.47 -0.67 0.00	35.13 -0.51 0.00	24.01 -0.39 0.00	22.89 -0.64 0.00	30.66 -0.95 0.00	75.81 -2.64 -0.07	81.09 -4.18 4.43	85.94 -3.65 -1.88	26.86 -1.62 -0.65	28.08 -1.80 -0.43	28.80 -1.78 -2.04	28.48 -1.60 -1.86	30.33 -0.53 -0.84	30.95 -0.53 -0.58	29.41 -1.46 -0.72	39.79 -2.74 -0.01	51.83 -2.54 -0.17	98.51 -2.96 -0.09	55.25 -1.36 0.00	39.44 -1.34 0.00	41.87 -1.56 0.00	40.33 -0.87 0.00	30.90 -0.34 0.00
MCINTYRE_115KV_TB2 80467	28.69 0.58 0.00	35.08 0.93 0.00	37.82 0.88 -1.30	24.96 0.56 0.00	24.11 0.58 0.00	32.56 0.95 0.00	81.80 2.58 -0.85	101.46 3.06 -8.69	91.16 2.15 -1.31	28.17 0.33 0.00	29.83 0.38 0.00	28.83 0.29 0.00	28.48 0.26 0.00	30.30 0.27 0.00	31.71 0.81 0.00	31.04 0.90 0.00	44.28 1.75 0.00	56.26 2.06 0.00	104.94 3.57 0.00	58.80 2.19 0.00	42.42 1.65 0.00	45.23 1.81 0.00	42.68 1.49 0.00	32.35 1.11 0.00
MECO_____69_KV_BK1 80468	28.98 0.87 0.00	35.09 0.94 0.00	36.68 1.04 0.00	25.10 0.70 0.00	24.25 0.72 0.00	32.72 1.11 0.00	81.79 3.42 0.00	92.30 4.21 1.62	91.30 3.60 0.00	28.23 0.40 0.00	29.21 0.10 0.33	28.33 0.05 0.25	28.22 0.00 0.00	30.11 0.08 0.00	30.99 0.09 0.00	30.54 0.39 0.00	44.08 1.56 0.00	57.03 2.84 0.00	106.65 5.28 0.00	59.51 2.89 0.00	42.92 2.15 0.00	45.53 2.10 0.00	42.89 1.69 0.00	32.52 1.29 0.00
MENANDS___115KV_TB5 355628	29.07 0.95 0.00	35.22 1.07 0.00	36.66 1.02 0.00	25.13 0.73 0.00	24.21 0.67 0.00	32.38 0.78 0.00	80.45 2.07 0.00	90.71 2.31 1.31	90.54 2.84 0.00	28.62 0.79 0.00	29.59 0.76 0.61	26.64 0.78 2.68	27.22 0.65 1.66	30.07 0.73 0.69	31.10 0.55 0.35	30.46 0.58 0.27	43.16 0.65 0.02	54.93 1.00 0.26	103.75 2.52 0.14	57.74 1.13 0.00	41.60 0.83 0.00	44.31 0.89 0.00	42.08 0.88 0.00	31.82 0.59 0.00
MG INDUSTRY___DRP 24185	28.94 0.82 0.00	35.08 0.93 0.00	36.60 0.95 0.00	25.08 0.68 0.00	24.16 0.63 0.00	32.32 0.71 0.00	80.20 1.83 0.00	90.28 1.91 1.34	89.89 2.19 0.00	28.30 0.46 0.00	29.53 0.41 0.33	27.17 0.44 1.80	27.40 0.33 1.16	29.95 0.40 0.48	30.90 0.25 0.25	30.24 0.28 0.19	42.91 0.39 0.01	54.76 0.79 0.23	103.30 2.05 0.12	57.54 0.93 0.00	41.48 0.70 0.00	44.22 0.79 0.00	42.01 0.82 0.00	31.80 0.56 0.00

MID___OSWEGATCHIE_HYD 23849	27.95 -0.16 0.00	34.20 0.05 0.00	36.76 -0.04 -1.16	24.32 -0.08 0.00	23.43 -0.11 0.00	31.80 0.20 0.00	80.32 1.19 -0.76	99.69 2.23 -7.75	90.89 2.02 -1.16	28.13 0.30 0.00	29.52 0.07 0.00	28.45 -0.09 0.00	28.06 -0.17 0.00	30.18 0.16 0.00	31.41 0.52 0.00	30.79 0.64 0.00	43.21 0.69 0.00	55.23 1.03 0.00	102.97 1.60 0.00	57.52 0.91 0.00	41.66 0.88 0.00	44.61 1.18 0.00	41.72 0.53 0.00	31.46 0.23 0.00
MID___RAQUETTE_HYD 23851	28.17 0.06 0.00	34.46 0.32 0.00	37.60 0.25 -1.71	24.50 0.10 0.00	23.64 0.12 0.00	31.93 0.32 0.00	80.41 0.92 -1.11	102.51 1.40 -11.40	90.30 0.89 -1.71	28.00 0.16 0.00	29.75 0.30 0.00	28.67 0.13 0.00	28.31 0.09 0.00	30.22 0.19 0.00	31.46 0.56 0.00	30.74 0.59 0.00	43.43 0.91 0.00	55.10 0.90 0.00	102.73 1.36 0.00	57.49 0.88 0.00	41.67 0.90 0.00	44.58 1.15 0.00	42.05 0.86 0.00	31.85 0.62 0.00
MILLIKEN___1 23584	28.59 0.47 0.00	34.60 0.46 0.00	36.17 0.53 0.00	24.72 0.32 0.00	23.86 0.33 0.00	32.14 0.54 0.00	79.83 1.45 0.00	84.90 1.29 6.10	89.38 1.68 0.00	28.08 0.24 0.00	29.96 0.12 -0.39	30.34 0.09 -1.71	29.44 0.16 -1.06	31.08 0.62 -0.44	31.85 0.73 -0.22	30.97 0.65 -0.17	43.18 0.64 -0.01	55.14 0.78 -0.17	102.92 1.46 -0.09	57.54 0.92 0.00	41.45 0.68 0.00	44.07 0.65 0.00	41.85 0.66 0.00	31.69 0.46 0.00
MILLIKEN___2 23585	28.59 0.47 0.00	34.60 0.46 0.00	36.17 0.53 0.00	24.72 0.32 0.00	23.86 0.33 0.00	32.14 0.54 0.00	79.83 1.45 0.00	84.90 1.29 6.10	89.38 1.68 0.00	28.08 0.24 0.00	29.96 0.12 -0.39	30.34 0.09 -1.71	29.44 0.16 -1.06	31.08 0.62 -0.44	31.85 0.73 -0.22	30.97 0.65 -0.17	43.18 0.64 -0.01	55.14 0.78 -0.17	102.92 1.46 -0.09	57.54 0.92 0.00	41.45 0.68 0.00	44.07 0.65 0.00	41.85 0.66 0.00	31.69 0.46 0.00
MILLIKEN___DIESEL 23629	28.59 0.47 0.00	34.60 0.46 0.00	36.17 0.53 0.00	24.72 0.32 0.00	23.86 0.33 0.00	32.14 0.54 0.00	79.83 1.45 0.00	84.90 1.29 6.10	89.38 1.68 0.00	28.08 0.24 0.00	29.96 0.12 -0.39	30.34 0.09 -1.71	29.44 0.16 -1.06	31.08 0.62 -0.44	31.85 0.73 -0.22	30.97 0.65 -0.17	43.18 0.64 -0.01	55.14 0.78 -0.17	102.92 1.46 -0.09	57.54 0.92 0.00	41.45 0.68 0.00	44.07 0.65 0.00	41.85 0.66 0.00	31.69 0.46 0.00
MILLSEAT___LFGE 323607	27.66 0.17 0.62	33.33 -0.12 0.69	34.73 -0.17 0.74	23.44 -0.33 0.63	22.40 -0.47 0.67	22.03 -0.27 9.31	74.91 -2.24 1.23	75.46 -5.10 9.14	82.66 -3.11 1.92	26.74 -0.43 0.67	29.63 -0.07 -0.26	28.60 0.00 -0.06	28.53 1.01 0.70	30.44 0.88 0.47	30.50 0.17 0.57	29.00 -0.26 0.89	41.90 -0.62 0.00	52.51 -1.69 0.00	97.23 -4.14 0.00	55.07 -1.54 0.00	39.61 -1.16 0.00	42.45 -0.97 0.00	40.52 -0.67 0.00	31.18 -0.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.92 1.81 0.00	36.05 1.91 0.00	37.53 1.89 0.00	25.70 1.30 0.00	24.71 1.18 0.00	33.13 1.52 0.00	82.24 3.87 0.00	93.19 5.16 1.68	93.57 5.87 0.00	29.77 1.94 0.00	40.15 2.02 -8.68	68.48 2.04 -37.90	53.47 1.88 -23.37	41.76 2.03 -9.70	37.70 1.83 -4.98	35.84 1.84 -3.86	44.77 2.03 -0.22	61.00 3.00 -3.80	109.59 6.16 -2.05	59.65 3.03 0.00	42.87 2.10 0.00	45.65 2.23 0.00	43.41 2.22 0.00	32.76 1.53 0.00
MILLWOOD_13_KV_LOAD 356217	29.98 1.87 0.00	36.13 1.98 0.00	37.60 1.96 0.00	25.74 1.35 0.00	24.76 1.23 0.00	33.20 1.59 0.00	82.45 4.08 0.00	93.46 5.43 1.68	93.81 6.11 0.00	29.84 2.01 0.00	40.22 2.09 -8.68	68.54 2.10 -37.90	53.53 1.94 -23.37	41.82 2.09 -9.70	37.76 1.89 -4.98	35.91 1.90 -3.86	44.88 2.13 -0.22	61.15 3.15 -3.80	109.85 6.42 -2.05	59.79 3.17 0.00	42.97 2.20 0.00	45.77 2.34 0.00	43.50 2.30 0.00	32.83 1.60 0.00
MODEL_CITY_ENERGY 24167	26.84 -0.53 0.74	32.32 -1.00 0.83	33.67 -1.08 0.89	22.66 -0.99 0.75	21.61 -1.13 0.80	19.31 -1.18 11.11	71.89 -5.03 1.46	71.24 -8.89 9.58	78.79 -6.59 2.32	25.85 -1.18 0.81	29.07 -0.65 -0.27	27.93 -0.65 -0.05	27.64 0.25 0.84	29.58 0.11 0.56	29.80 -0.42 0.68	28.18 -0.91 1.07	40.79 -1.73 0.00	50.64 -3.55 0.00	93.09 -8.28 0.00	52.84 -3.77 0.00	38.07 -2.71 0.00	40.97 -2.46 0.00	39.27 -1.93 0.00	30.35 -0.88 0.00
MODERN_LFGE___ 323580	26.84 -0.53 0.74	32.32 -1.00 0.83	33.67 -1.08 0.89	22.66 -0.99 0.75	21.61 -1.13 0.80	19.31 -1.18 11.11	71.89 -5.03 1.46	71.24 -8.89 9.58	78.79 -6.59 2.32	25.85 -1.18 0.81	29.07 -0.65 -0.27	27.93 -0.65 -0.05	27.64 0.25 0.84	29.58 0.11 0.56	29.80 -0.42 0.68	28.18 -0.91 1.07	40.79 -1.73 0.00	50.64 -3.55 0.00	93.09 -8.28 0.00	52.84 -3.77 0.00	38.07 -2.71 0.00	40.97 -2.46 0.00	39.27 -1.93 0.00	30.35 -0.88 0.00
MOHAWK_PAPER___DRP 24187	29.16 1.05 0.00	35.32 1.18 0.00	36.78 1.14 0.00	25.20 0.80 0.00	24.28 0.75 0.00	32.51 0.90 0.00	80.77 2.39 0.00	91.15 2.75 1.31	90.93 3.23 0.00	28.72 0.89 0.00	29.68 0.85 0.61	26.71 0.84 2.67	27.30 0.72 1.64	30.15 0.81 0.68	31.18 0.63 0.35	30.56 0.68 0.27	43.34 0.83 0.02	55.23 1.29 0.26	104.32 3.09 0.14	58.07 1.46 0.00	41.83 1.06 0.00	44.55 1.12 0.00	42.28 1.08 0.00	31.96 0.73 0.00
MOHICAN___35_KV_115KV_LD 80490	29.64 1.52 0.00	35.81 1.66 0.00	37.31 1.67 0.00	25.61 1.21 0.00	24.74 1.21 0.00	33.17 1.56 0.00	82.80 4.43 0.00	93.85 5.43 1.29	93.16 5.46 0.00	29.03 1.20 0.00	29.89 1.00 0.56	27.06 0.97 2.45	27.51 0.80 1.51	30.30 0.90 0.63	31.30 0.72 0.32	30.89 0.99 0.25	44.21 1.70 0.01	56.81 2.85 0.24	107.74 6.49 0.13	59.99 3.38 0.00	43.16 2.39 0.00	45.71 2.29 0.00	43.36 2.16 0.00	32.58 1.35 0.00
MONGAUP___HYD 23641	30.06 1.95 0.00	36.24 2.09 0.00	37.77 2.13 0.00	25.83 1.44 0.00	24.84 1.32 0.00	33.38 1.77 0.00	82.99 4.62 0.00	93.74 5.90 1.87	94.04 6.34 0.00	29.60 1.77 0.00	37.69 1.63 -6.61	59.51 1.62 -29.35	47.89 1.51 -18.16	39.21 1.64 -7.54	36.22 1.46 -3.86	34.62 1.47 -3.00	44.37 1.68 -0.17	60.32 3.20 -2.93	109.89 6.94 -1.58	60.16 3.54 0.00	43.27 2.50 0.00	46.07 2.64 0.00	43.76 2.56 0.00	32.99 1.76 0.00
MONTAUK___DIESEL 23721	30.77 2.65 0.00	36.90 2.75 0.00	38.34 2.70 0.00	26.37 1.97 0.00	24.28 0.75 0.00	20.99 0.30 10.92	-27.22 1.03 106.63	-3.04 2.06 94.82	-21.30 2.86 111.86	26.40 0.97 2.40	-61.45 1.61 92.51	-108.88 2.24 139.66	-62.01 1.48 91.71	-67.50 1.65 99.18	-38.69 0.83 70.41	-24.88 0.80 55.82	-10.30 0.20 53.03	4.51 1.55 51.24	-12.93 4.42 118.73	-31.18 2.37 90.16	24.63 1.29 17.43	-50.75 1.09 95.26	-36.13 0.87 78.20	29.33 0.23 2.12
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.51 0.39 0.00	34.01 -0.13 0.00	35.18 -0.46 0.00	23.38 -1.02 0.00	22.33 -1.20 0.00	30.21 -1.40 0.00	72.78 -5.59 0.00	52.00 -8.75 28.95	66.23 -6.44 15.03	26.38 -1.45 0.00	29.33 -0.43 -0.31	28.56 -0.22 -0.24	28.64 0.42 0.00	30.34 0.31 0.00	30.83 -0.07 0.00	29.46 -0.69 0.00	41.07 -1.46 0.00	52.59 -1.61 0.00	97.34 -4.03 0.00	54.29 -2.33 0.00	38.43 -2.34 0.00	41.15 -2.27 0.00	40.06 -1.13 0.00	30.98 -0.26 0.00

MORRIS_RIDGE___SOLAR 323848	27.84 -0.28 0.00	33.67 -0.47 0.00	35.24 -0.40 0.00	24.00 -0.40 0.00	22.89 -0.64 0.00	30.90 -0.71 0.00	76.08 -2.49 -0.19	82.36 -3.45 3.90	76.37 -2.81 8.52	-23.51 -1.37 49.98	-23.51 -1.53 51.43	-23.51 -1.44 50.61	13.12 -1.04 14.06	28.28 -0.24 1.50	30.69 -0.43 -0.22	29.12 -1.21 -0.17	40.35 -2.18 -0.01	52.08 -2.29 -0.17	97.37 -4.10 -0.09	54.75 -1.86 0.00	39.24 -1.54 0.00	41.83 -1.60 0.00	40.22 -0.98 0.00	30.85 -0.38 0.00
MORTIMER_115KV_TB3 55949	28.14 0.02 0.00	33.94 -0.21 0.00	35.40 -0.24 0.00	24.12 -0.28 0.00	23.18 -0.35 0.00	31.34 -0.27 0.00	77.02 -1.36 0.00	79.78 -2.94 6.99	85.97 -1.73 0.00	27.52 -0.31 0.00	29.50 -0.17 -0.22	28.61 -0.09 -0.17	28.73 0.51 0.00	30.58 0.55 0.00	31.15 0.25 0.00	30.08 -0.07 0.00	42.19 -0.34 0.00	53.44 -0.76 0.00	99.32 -2.05 0.00	55.85 -0.76 0.00	40.19 -0.58 0.00	42.87 -0.56 0.00	40.75 -0.45 0.00	31.10 -0.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.13 2.02 0.00	36.28 2.14 0.00	37.75 2.11 0.00	25.84 1.45 0.00	24.86 1.32 0.00	33.32 1.71 0.00	82.70 4.33 0.00	93.79 5.74 1.65	94.18 6.48 0.00	30.01 2.18 0.00	40.28 2.30 -8.54	99.54 2.30 -68.71	76.78 2.10 -46.45	51.59 2.27 -19.29	42.86 2.07 -9.89	39.90 2.08 -7.67	45.29 2.33 -0.44	65.17 3.36 -7.62	112.27 6.78 -4.12	60.00 3.38 0.00	43.13 2.36 0.00	45.92 2.49 0.00	43.68 2.48 0.00	33.00 1.77 0.00
MUNSVILLE_WIND_PWR 323609	29.35 1.02 -0.22	35.65 1.26 -0.24	37.24 1.34 -0.26	25.60 0.98 -0.22	24.89 1.13 -0.23	36.76 1.89 -3.27	84.04 5.23 -0.43	90.81 5.92 4.82	94.20 5.84 -0.66	29.05 0.99 -0.23	30.86 0.84 -0.58	31.94 0.80 -2.61	30.76 0.71 -1.82	31.86 1.01 -0.82	32.90 1.47 -0.54	32.56 1.84 -0.57	44.97 2.43 -0.01	57.40 2.95 -0.25	106.64 5.13 -0.13	60.07 3.46 0.00	43.34 2.57 0.00	45.65 2.22 0.00	43.37 2.17 0.00	32.85 1.62 0.00
N SALMON___HYD 24042	27.58 -0.54 0.00	-12.81 -0.38 46.57	-6.52 -0.41 41.75	-23.24 -0.35 47.28	-23.30 -0.32 46.51	-23.09 -0.45 54.36	-11.46 -0.67 89.17	88.40 -0.33 0.98	34.77 -0.56 52.37	27.95 0.11 0.00	30.27 0.83 0.00	28.75 0.21 0.00	28.46 0.24 0.00	30.45 0.42 0.00	31.53 0.63 0.00	30.74 0.59 0.00	43.39 0.86 0.00	55.29 1.09 0.00	103.16 1.79 0.00	57.53 0.92 0.00	41.44 0.67 0.00	44.21 0.79 0.00	42.12 0.92 0.00	31.96 0.73 0.00
N.AKRON__115KV_KNAPP 355671	28.18 0.07 0.00	33.86 -0.29 0.00	35.30 -0.34 0.00	23.95 -0.45 0.00	22.95 -0.59 0.00	31.16 -0.45 0.00	75.57 -2.80 0.00	76.77 -5.98 6.95	83.89 -3.81 0.00	27.28 -0.55 0.00	29.57 -0.14 -0.26	28.66 -0.07 -0.20	29.15 0.94 0.00	30.78 0.75 0.00	31.02 0.12 0.00	29.82 -0.33 0.00	41.73 -0.80 0.00	52.19 -2.01 0.00	96.41 -4.96 0.00	54.63 -1.99 0.00	39.29 -1.48 0.00	42.18 -1.25 0.00	40.32 -0.88 0.00	31.05 -0.18 0.00
N.E_GEN_SANDY PD 24062	28.49 1.21 0.83	35.52 1.34 -0.04	36.59 1.26 0.31	25.27 0.88 0.00	24.37 0.84 0.00	32.57 0.96 0.00	80.90 2.53 0.00	90.29 3.11 2.53	85.96 3.77 5.50	28.55 1.10 0.39	28.98 1.08 1.54	25.21 1.12 4.45	26.43 0.95 2.74	29.59 1.06 1.50	30.82 0.83 0.90	30.00 0.87 1.02	41.69 0.93 1.76	54.41 1.43 1.22	126.09 3.66 -21.07	58.29 1.67 0.00	42.70 1.25 -0.68	44.75 1.33 0.00	42.54 1.35 0.00	32.09 0.86 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.93 1.82 0.00	36.08 1.93 0.00	37.55 1.91 0.00	25.70 1.31 0.00	24.71 1.18 0.00	33.17 1.56 0.00	82.42 4.04 0.00	93.31 5.34 1.74	93.73 6.03 0.00	29.79 1.96 0.00	39.45 2.05 -7.96	65.78 2.07 -35.17	51.90 1.94 -21.74	41.14 2.09 -9.03	37.41 1.88 -4.63	35.62 1.88 -3.59	44.82 2.09 -0.20	60.85 3.12 -3.53	109.67 6.39 -1.91	59.71 3.10 0.00	42.90 2.13 0.00	45.70 2.27 0.00	43.46 2.26 0.00	32.78 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	30.31 2.20 0.00	36.46 2.32 0.00	37.93 2.29 0.00	25.99 1.59 0.00	24.98 1.45 0.00	33.50 1.89 0.00	83.17 4.80 0.00	94.30 6.25 1.65	94.83 7.13 0.00	30.21 2.38 0.00	40.41 2.42 -8.54	92.49 2.40 -61.55	72.71 2.05 -42.44	50.53 2.22 -18.28	42.04 2.04 -9.10	39.14 2.07 -6.92	45.16 2.24 -0.40	64.34 3.27 -6.88	111.86 6.59 -3.90	60.23 3.61 0.00	43.22 2.45 0.00	45.95 2.53 0.00	43.72 2.52 0.00	32.95 1.71 0.00
N.TROY___115KV_TB1 355778	29.24 1.12 0.00	35.40 1.25 0.00	36.85 1.21 0.00	25.24 0.85 0.00	24.35 0.82 0.00	32.60 0.99 0.00	81.12 2.75 0.00	91.66 3.24 1.29	91.31 3.61 0.00	28.79 0.95 0.00	29.71 0.88 0.62	26.74 0.90 2.69	27.32 0.75 1.66	30.19 0.85 0.69	31.21 0.67 0.35	30.64 0.76 0.27	43.49 0.98 0.02	55.50 1.56 0.26	104.93 3.70 0.14	58.35 1.74 0.00	42.04 1.27 0.00	44.76 1.33 0.00	42.51 1.31 0.00	32.09 0.86 0.00
NARROWS_GT1_1 24228	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT1_2 24229	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT1_3 24230	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT1_4 24231	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT1_5 24232	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00

NARROWS_GT1_6 24233	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT1_7 24234	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT1_8 24235	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_1 24236	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_2 24237	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_3 24238	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_4 24239	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_5 24240	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_6 24241	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_7 24242	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NARROWS_GT2_8 24243	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.20 1.08 0.00	35.39 1.24 0.00	36.83 1.19 0.00	25.26 0.87 0.00	24.57 1.04 0.00	33.14 1.53 0.00	82.43 4.06 0.00	93.07 4.78 1.41	92.56 4.86 0.00	28.71 0.87 0.00	30.03 0.58 0.00	29.06 0.53 0.00	28.59 0.37 0.00	30.47 0.44 0.00	31.21 0.32 0.00	30.57 0.42 0.00	43.05 0.53 0.00	55.43 1.23 0.00	104.76 3.38 0.00	58.39 1.78 0.00	42.04 1.27 0.00	44.72 1.30 0.00	42.39 1.19 0.00	32.03 0.80 0.00
NCHELSEA_115KV_TR2 355582	30.21 2.10 0.00	36.41 2.27 0.00	37.94 2.30 0.00	25.97 1.57 0.00	25.00 1.46 0.00	33.53 1.92 0.00	83.33 4.96 0.00	94.38 6.32 1.65	94.60 6.90 0.00	30.01 2.17 0.00	34.07 2.26 -2.36	36.54 2.22 -5.78	33.28 2.07 -2.98	33.50 2.24 -1.24	33.60 2.06 -0.63	32.73 2.11 -0.47	45.05 2.51 -0.02	57.63 3.28 -0.16	108.06 6.60 -0.08	59.92 3.31 0.00	43.10 2.33 0.00	45.89 2.47 0.00	43.59 2.39 0.00	32.86 1.63 0.00
NEG CAPITAL___MECHNVIL 23645	29.53 1.42 0.00	35.75 1.60 0.00	37.24 1.60 0.00	25.51 1.11 0.00	24.62 1.09 0.00	33.00 1.39 0.00	82.23 3.85 0.00	93.00 4.58 1.29	92.46 4.76 0.00	29.04 1.21 0.00	29.98 1.12 0.58	27.09 1.10 2.54	27.63 0.97 1.56	30.45 1.07 0.65	31.50 0.93 0.33	30.98 1.09 0.26	44.11 1.60 0.01	56.48 2.53 0.25	106.72 5.48 0.13	59.39 2.78 0.00	42.78 2.01 0.00	45.45 2.02 0.00	43.13 1.93 0.00	32.52 1.29 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.32 -0.58 0.21	33.02 -0.88 0.24	34.43 -0.95 0.26	23.44 -0.74 0.22	22.54 -0.76 0.23	27.57 -0.84 3.20	75.43 -2.53 0.42	78.38 -3.98 7.35	84.11 -3.00 0.59	26.82 -0.81 0.21	28.91 -0.75 -0.21	28.02 -0.64 -0.12	27.82 -0.18 0.21	29.81 -0.07 0.15	30.35 -0.35 0.19	29.28 -0.57 0.30	41.49 -1.04 0.00	52.66 -1.54 0.00	98.00 -3.37 0.00	54.97 -1.64 0.00	39.54 -1.24 0.00	42.16 -1.27 0.00	40.02 -1.18 0.00	30.51 -0.72 0.00

NEG CENTRAL___DRP 24199	28.19 0.07 0.00	34.08 -0.07 0.00	35.60 -0.04 0.00	24.31 -0.08 0.00	23.42 -0.11 0.00	31.57 -0.04 0.00	78.13 -0.25 0.00	83.46 -0.82 5.43	87.40 -0.30 0.00	27.62 -0.21 0.00	29.40 -0.30 -0.25	28.46 -0.27 -0.19	28.16 -0.06 0.00	30.47 0.45 0.00	31.24 0.35 0.00	30.27 0.12 0.00	42.30 -0.23 0.00	53.99 -0.21 0.00	100.85 -0.52 0.00	56.53 -0.08 0.00	40.75 -0.02 0.00	43.34 -0.09 0.00	41.20 0.00 0.00	31.27 0.04 0.00
NEG CENTRAL___INDECK 23768	28.82 0.71 0.00	34.79 0.65 0.00	36.38 0.74 0.00	24.79 0.39 0.00	23.77 0.24 0.00	32.20 0.59 0.00	79.52 1.10 -0.06	84.06 0.11 5.76	89.61 1.05 -0.87	27.97 -0.16 -0.30	29.60 -0.20 -0.35	30.03 -0.12 -1.61	30.12 0.63 -1.27	31.38 1.10 -0.25	31.75 0.86 0.00	30.15 0.00 0.00	42.11 -0.41 0.00	54.62 0.42 0.00	102.70 1.32 0.00	57.81 1.20 0.00	41.48 0.71 0.00	44.11 0.68 0.00	42.03 0.83 0.00	32.07 0.84 0.00
NEG CENTRAL___SENECA 23627	28.31 0.19 0.00	34.20 0.06 0.00	35.74 0.10 0.00	24.42 0.02 0.00	23.48 -0.06 0.00	31.70 0.09 0.00	78.24 -0.13 0.00	82.85 -0.73 6.12	87.57 -0.13 0.00	27.69 -0.15 0.00	29.48 -0.24 -0.27	28.55 -0.19 -0.21	28.31 0.09 0.00	30.68 0.65 0.00	31.41 0.52 0.00	30.36 0.21 0.00	42.31 -0.22 0.00	54.06 -0.14 0.00	100.83 -0.54 0.00	56.64 0.03 0.00	40.83 0.06 0.00	43.41 -0.01 0.00	41.35 0.15 0.00	31.41 0.18 0.00
NEG CENTRAL___STATE_STREET 24147	28.24 0.12 0.00	34.24 0.10 0.00	35.79 0.15 0.00	24.39 -0.01 0.00	23.59 0.06 0.00	31.69 0.08 0.00	78.73 0.35 0.00	84.70 0.01 5.02	88.14 0.44 0.00	27.81 -0.03 0.00	29.57 -0.12 -0.25	28.62 -0.10 -0.19	28.17 -0.05 0.00	30.44 0.42 0.00	31.29 0.39 0.00	30.43 0.28 0.00	42.62 0.09 0.00	54.37 0.17 0.00	101.49 0.12 0.00	56.77 0.16 0.00	40.92 0.14 0.00	43.55 0.12 0.00	41.34 0.14 0.00	31.25 0.02 0.00
NEG MILLWOOD___DRP 24198	30.18 2.06 0.00	36.37 2.22 0.00	37.86 2.22 0.00	25.92 1.52 0.00	24.95 1.42 0.00	33.47 1.86 0.00	83.16 4.78 0.00	94.19 6.11 1.63	94.50 6.80 0.00	30.00 2.17 0.00	35.69 2.21 -4.03	36.92 2.19 -6.20	32.60 2.03 -2.34	33.19 2.19 -0.97	33.40 2.01 -0.50	32.60 2.06 -0.39	45.02 2.47 -0.02	57.83 3.35 -0.29	108.33 6.81 -0.15	60.04 3.43 0.00	43.20 2.43 0.00	45.98 2.55 0.00	43.67 2.47 0.00	32.93 1.70 0.00
NEG NORTH_FLCN_SEA 23793	26.32 -1.79 0.00	-13.99 -1.56 46.57	-24.38 -1.70 58.32	-24.07 -1.19 47.28	-24.01 -1.04 46.51	-24.11 -1.36 54.36	-24.64 -3.02 100.00	-25.40 -3.53 111.58	14.93 -3.77 69.00	27.31 -0.52 0.00	29.92 0.47 0.00	28.53 -0.01 0.00	28.37 0.15 0.00	30.42 0.39 0.00	31.54 0.65 0.00	30.42 0.27 0.00	42.50 -0.02 0.00	53.64 -0.55 0.00	100.03 -1.34 0.00	55.50 -1.12 0.00	39.93 -0.84 0.00	42.92 -0.50 0.00	41.69 0.49 0.00	31.74 0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	27.02 -1.10 0.00	-13.40 -0.97 46.57	-24.19 -1.00 58.83	-23.63 -0.75 47.28	-23.68 -0.71 46.51	-23.66 -0.91 54.36	-24.07 -2.11 100.33	-27.47 -2.18 114.99	15.81 -2.38 69.51	27.47 -0.36 0.00	29.67 0.22 0.00	28.40 -0.13 0.00	28.18 -0.04 0.00	30.15 0.13 0.00	31.23 0.34 0.00	30.35 0.20 0.00	42.85 0.32 0.00	54.52 0.32 0.00	101.75 0.38 0.00	56.69 0.08 0.00	40.76 -0.01 0.00	43.50 0.08 0.00	41.63 0.44 0.00	31.64 0.41 0.00
NEG NORTH___ALICE_FALLS 23915	26.72 -1.40 0.00	-13.60 -1.17 46.57	-24.10 -1.33 58.42	-23.82 -0.94 47.28	-23.77 -0.80 46.51	-23.77 -1.02 54.36	-23.81 -2.12 100.06	-24.86 -2.37 112.20	15.97 -2.64 69.09	27.56 -0.27 0.00	30.15 0.70 0.00	28.66 0.12 0.00	28.47 0.25 0.00	30.45 0.42 0.00	31.55 0.65 0.00	30.52 0.37 0.00	42.84 0.32 0.00	54.41 0.21 0.00	101.56 0.19 0.00	56.43 -0.18 0.00	40.59 -0.18 0.00	43.48 0.05 0.00	41.96 0.76 0.00	31.88 0.65 0.00
NEG NORTH___LWR_SARANAC 23913	26.72 -1.40 0.00	-13.60 -1.17 46.57	-24.10 -1.33 58.42	-23.82 -0.94 47.28	-23.77 -0.80 46.51	-23.77 -1.02 54.36	-23.81 -2.12 100.06	-24.86 -2.37 112.20	15.97 -2.64 69.09	27.56 -0.27 0.00	30.15 0.70 0.00	28.66 0.12 0.00	28.47 0.25 0.00	30.45 0.42 0.00	31.55 0.65 0.00	30.52 0.37 0.00	42.84 0.32 0.00	54.41 0.21 0.00	101.56 0.19 0.00	56.43 -0.18 0.00	40.59 -0.18 0.00	43.48 0.05 0.00	41.96 0.76 0.00	31.88 0.65 0.00
NEG NORTH___PLATTSBURG 23628	26.72 -1.39 0.00	-13.66 -1.23 46.57	-24.16 -1.39 58.42	-23.86 -0.98 47.28	-23.80 -0.83 46.51	-23.81 -1.05 54.36	-23.85 -2.16 100.06	-24.90 -2.41 112.20	15.96 -2.64 69.09	27.56 -0.27 0.00	30.15 0.70 0.00	28.66 0.12 0.00	28.48 0.26 0.00	30.45 0.42 0.00	31.55 0.65 0.00	30.52 0.37 0.00	42.85 0.32 0.00	54.41 0.21 0.00	101.56 0.19 0.00	56.43 -0.18 0.00	40.60 -0.18 0.00	43.48 0.05 0.00	41.96 0.76 0.00	31.88 0.65 0.00
NEG WEST_LEA_LOCKPORT 23791	27.84 -0.27 0.00	33.45 -0.70 0.00	34.87 -0.77 0.00	23.64 -0.75 0.00	22.62 -0.91 0.00	30.68 -0.93 0.00	74.16 -4.21 0.00	74.76 -8.00 6.95	82.04 -5.67 0.00	26.87 -0.96 0.00	29.23 -0.48 -0.27	28.27 -0.47 -0.20	28.70 0.48 0.00	30.35 0.32 0.00	30.72 -0.18 0.00	29.45 -0.70 0.00	41.06 -1.46 0.00	51.22 -2.98 0.00	94.29 -7.08 0.00	53.49 -3.12 0.00	38.50 -2.27 0.00	41.38 -2.04 0.00	39.67 -1.53 0.00	30.63 -0.60 0.00
NEG WEST___LANCASTR 23811	28.03 -0.09 0.00	33.75 -0.39 0.00	35.25 -0.39 0.00	23.89 -0.50 0.00	22.86 -0.67 0.00	30.97 -0.64 0.00	75.27 -3.10 0.00	76.42 -6.45 6.84	83.40 -4.30 0.00	27.17 -0.66 0.00	29.39 -0.38 -0.32	28.47 -0.30 -0.24	28.73 0.50 0.00	30.53 0.50 0.00	30.96 0.06 0.00	29.75 -0.40 0.00	41.20 -1.32 0.00	51.97 -2.22 0.00	95.60 -5.78 0.00	54.03 -2.58 0.00	38.87 -1.91 0.00	41.60 -1.83 0.00	39.96 -1.23 0.00	30.70 -0.53 0.00
NEG_PENN_ALLEGHNY 23528	28.84 0.48 -0.24	34.82 0.40 -0.27	36.40 0.47 -0.29	24.96 0.31 -0.24	24.03 0.24 -0.26	35.68 0.43 -3.64	79.82 0.97 -0.48	85.31 0.86 5.26	89.93 1.49 -0.74	28.47 0.39 -0.26	30.47 0.42 -0.60	31.69 0.44 -2.71	30.68 0.55 -1.91	31.70 0.81 -0.86	32.19 0.73 -0.57	31.27 0.50 -0.61	42.84 0.29 -0.02	54.91 0.45 -0.26	101.95 0.43 -0.14	56.90 0.28 0.00	40.98 0.21 0.00	43.62 0.19 0.00	41.59 0.39 0.00	31.56 0.33 0.00
NEG___GEN_MONROE 24207	28.50 0.39 0.00	34.30 0.16 0.00	35.77 0.12 0.00	24.34 -0.06 0.00	23.36 -0.17 0.00	31.60 -0.01 0.00	77.62 -0.75 0.00	80.04 -2.68 6.99	86.34 -1.36 0.00	27.63 -0.20 0.00	29.63 -0.03 -0.22	28.79 0.08 -0.17	29.12 0.90 0.00	31.04 1.02 0.00	31.41 0.51 0.00	30.19 0.04 0.00	42.30 -0.22 0.00	53.59 -0.61 0.00	99.74 -1.63 0.00	56.16 -0.45 0.00	40.39 -0.39 0.00	43.10 -0.33 0.00	40.98 -0.22 0.00	31.32 0.09 0.00
NEPA___ENERGY 23901	28.24 0.12 0.00	33.97 -0.18 0.00	35.40 -0.24 0.00	23.98 -0.42 0.00	22.90 -0.62 0.00	31.06 -0.55 0.00	75.80 -2.57 0.00	75.82 -5.10 8.78	83.22 -3.19 1.29	27.21 -0.62 0.00	29.63 -0.13 -0.32	28.76 -0.02 -0.24	28.72 0.49 0.00	30.56 0.53 0.00	30.99 0.09 0.00	29.79 -0.36 0.00	41.39 -1.14 0.00	52.63 -1.57 0.00	96.96 -4.41 0.00	54.40 -2.21 0.00	39.03 -1.74 0.00	41.75 -1.68 0.00	40.37 -0.82 0.00	30.91 -0.32 0.00

NEVERSINK___HYD 23608	29.68 1.57 0.00	35.80 1.65 0.00	37.35 1.71 0.00	25.53 1.13 0.00	24.56 1.03 0.00	32.98 1.37 0.00	82.01 3.63 0.00	92.61 4.78 1.88	92.94 5.24 0.00	29.38 1.55 0.00	34.02 1.48 -3.09	41.81 1.42 -11.86	36.46 1.14 -7.10	33.43 0.46 -2.95	32.70 0.29 -1.51	31.69 0.38 -1.17	42.88 0.29 -0.06	56.12 0.89 -1.03	104.28 2.35 -0.55	57.61 0.99 0.00	41.59 0.82 0.00	45.42 2.00 0.00	43.11 1.91 0.00	32.49 1.26 0.00
NEWKRMKL_115KV_TB1 55635	28.88 0.76 0.00	34.99 0.84 0.00	36.42 0.78 0.00	24.98 0.59 0.00	24.05 0.51 0.00	32.16 0.55 0.00	79.82 1.44 0.00	89.87 1.47 1.31	89.72 2.02 0.00	28.39 0.56 0.00	29.36 0.52 0.61	26.43 0.56 2.66	27.00 0.43 1.65	29.84 0.50 0.68	30.87 0.33 0.35	30.22 0.34 0.27	42.81 0.29 0.02	54.49 0.55 0.26	102.86 1.63 0.14	57.24 0.63 0.00	41.26 0.49 0.00	43.94 0.51 0.00	41.72 0.52 0.00	31.56 0.33 0.00
NEWTON___FALLS_HYD 23847	27.95 -0.16 0.00	34.20 0.05 0.00	36.76 -0.04 -1.16	24.32 -0.08 0.00	23.43 -0.11 0.00	31.80 0.20 0.00	80.32 1.19 -0.76	99.69 2.23 -7.75	90.89 2.02 -1.16	28.13 0.30 0.00	29.52 0.07 0.00	28.45 -0.09 0.00	28.06 -0.17 0.00	30.18 0.16 0.00	31.41 0.52 0.00	30.79 0.64 0.00	43.21 0.69 0.00	55.23 1.03 0.00	102.97 1.60 0.00	57.52 0.91 0.00	41.66 0.88 0.00	44.61 1.18 0.00	41.72 0.53 0.00	31.46 0.23 0.00
NGRID_A1_DSASP 323792	26.89 -0.43 0.79	32.42 -0.84 0.88	33.80 -0.90 0.95	22.73 -0.87 0.80	21.65 -1.03 0.85	18.65 -1.10 11.86	72.14 -4.68 1.56	70.98 -9.01 9.71	78.70 -6.57 2.43	25.68 -1.31 0.85	28.80 -0.92 -0.27	27.61 -0.97 -0.04	27.27 -0.07 0.88	29.27 -0.17 0.59	29.65 -0.52 0.73	28.07 -0.94 1.14	40.51 -2.01 0.00	50.51 -3.68 0.00	92.69 -8.68 0.00	52.64 -3.98 0.00	37.94 -2.83 0.00	40.83 -2.59 0.00	39.16 -2.03 0.00	30.40 -0.83 0.00
NGRID_A2_DSASP 323793	26.89 -0.43 0.79	32.42 -0.84 0.88	33.80 -0.90 0.95	22.73 -0.87 0.80	21.65 -1.03 0.85	18.65 -1.10 11.86	72.14 -4.68 1.56	70.98 -9.01 9.71	78.70 -6.57 2.43	25.68 -1.31 0.85	28.80 -0.92 -0.27	27.61 -0.97 -0.04	27.27 -0.07 0.88	29.27 -0.17 0.59	29.65 -0.52 0.73	28.07 -0.94 1.14	40.51 -2.01 0.00	50.51 -3.68 0.00	92.69 -8.68 0.00	52.64 -3.98 0.00	37.94 -2.83 0.00	40.83 -2.59 0.00	39.16 -2.03 0.00	30.40 -0.83 0.00
NGRID_A4_DSASP 323807	26.89 -0.43 0.79	32.42 -0.84 0.88	33.80 -0.90 0.95	22.73 -0.87 0.80	21.65 -1.03 0.85	18.65 -1.10 11.86	72.14 -4.68 1.56	70.98 -9.01 9.71	78.70 -6.57 2.43	25.68 -1.31 0.85	28.80 -0.92 -0.27	27.61 -0.97 -0.04	27.27 -0.07 0.88	29.27 -0.17 0.59	29.65 -0.52 0.73	28.07 -0.94 1.14	40.51 -2.01 0.00	50.51 -3.68 0.00	92.69 -8.68 0.00	52.64 -3.98 0.00	37.94 -2.83 0.00	40.83 -2.59 0.00	39.16 -2.03 0.00	30.40 -0.83 0.00
NIAGARA_115E_LBMP 323715	26.68 -0.67 0.77	32.12 -1.17 0.86	33.46 -1.26 0.92	22.51 -1.12 0.78	21.46 -1.25 0.82	18.77 -1.35 11.48	71.34 -5.52 1.51	70.51 -9.53 9.67	78.09 -7.21 2.39	25.69 -1.32 0.83	28.95 -0.77 -0.27	27.80 -0.78 -0.04	27.47 0.11 0.87	29.43 -0.02 0.57	29.65 -0.54 0.71	27.99 -1.05 1.10	40.62 -1.91 0.00	50.32 -3.88 0.00	92.40 -8.97 0.00	52.46 -4.16 0.00	37.81 -2.97 0.00	40.71 -2.72 0.00	39.04 -2.15 0.00	30.19 -1.05 0.00
NIAGARA_115W_LBMP 323714	26.83 -0.49 0.79	32.35 -0.91 0.88	33.72 -0.97 0.95	22.68 -0.92 0.80	21.60 -1.08 0.85	18.59 -1.16 11.85	71.97 -4.85 1.55	70.73 -9.27 9.71	78.51 -6.76 2.43	25.60 -1.39 0.84	28.72 -1.01 -0.27	27.52 -1.06 -0.04	27.19 -0.15 0.88	29.18 -0.26 0.59	29.56 -0.61 0.73	27.99 -1.02 1.14	40.38 -2.14 0.00	50.35 -3.85 0.00	92.38 -8.99 0.00	52.47 -4.15 0.00	37.82 -2.95 0.00	40.71 -2.71 0.00	39.04 -2.16 0.00	30.32 -0.91 0.00
NIAGARA_230_LBMP 323716	26.90 -0.42 0.79	32.43 -0.83 0.88	33.82 -0.88 0.94	22.75 -0.86 0.80	21.68 -1.01 0.84	18.75 -1.07 11.79	72.28 -4.55 1.55	71.57 -8.45 9.68	79.12 -6.18 2.39	25.85 -1.15 0.83	28.96 -0.77 -0.27	27.78 -0.79 -0.04	27.40 0.05 0.87	29.46 0.02 0.58	29.80 -0.37 0.72	28.23 -0.79 1.13	40.74 -1.78 0.00	50.88 -3.32 0.00	93.54 -7.83 0.00	53.04 -3.57 0.00	38.21 -2.57 0.00	41.07 -2.36 0.00	39.38 -1.82 0.00	30.45 -0.79 0.00
NIAGARA___115KV_198_GIBSON 55903	27.63 -0.49 0.00	33.22 -0.93 0.00	34.64 -1.00 0.00	23.46 -0.93 0.00	22.44 -1.09 0.00	30.42 -1.19 0.00	73.48 -4.89 0.00	73.40 -9.36 6.95	80.93 -6.77 0.00	26.42 -1.42 0.00	28.70 -1.03 -0.27	27.68 -1.06 -0.21	28.08 -0.14 0.00	29.76 -0.26 0.00	30.29 -0.60 0.00	29.10 -1.05 0.00	40.39 -2.14 0.00	50.36 -3.83 0.00	92.42 -8.95 0.00	52.46 -4.15 0.00	37.83 -2.95 0.00	40.72 -2.70 0.00	39.05 -2.15 0.00	30.32 -0.91 0.00
NIAGARA____ 23760	26.92 -0.42 0.77	32.45 -0.83 0.86	33.84 -0.88 0.93	22.76 -0.86 0.78	21.70 -1.01 0.83	18.97 -1.07 11.57	72.29 -4.55 1.53	71.57 -8.45 9.68	79.12 -6.18 2.40	25.84 -1.15 0.84	28.96 -0.77 -0.27	27.78 -0.79 -0.04	27.40 0.05 0.87	29.46 0.02 0.58	29.81 -0.37 0.72	28.24 -0.79 1.12	40.74 -1.78 0.00	50.88 -3.32 0.00	93.54 -7.83 0.00	53.04 -3.57 0.00	38.21 -2.57 0.00	41.07 -2.36 0.00	39.38 -1.82 0.00	30.45 -0.79 0.00
NINE_MILE_1 23575	27.28 -0.83 0.00	33.07 -1.08 0.00	34.52 -1.12 0.00	23.63 -0.77 0.00	22.77 -0.76 0.00	30.63 -0.98 0.00	75.88 -2.49 0.00	18.85 -3.29 67.57	84.89 -2.81 0.00	26.94 -0.90 0.00	28.48 -0.97 0.00	27.61 -0.93 0.00	27.38 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.86 0.00	29.26 -0.89 0.00	41.14 -1.39 0.00	52.40 -1.80 0.00	97.91 -3.46 0.00	54.72 -1.89 0.00	39.44 -1.34 0.00	42.00 -1.43 0.00	39.81 -1.39 0.00	30.21 -1.02 0.00
NINE_MILE_2 23744	27.29 -0.82 0.00	33.07 -1.08 0.00	34.52 -1.12 0.00	23.63 -0.77 0.00	22.77 -0.76 0.00	30.63 -0.98 0.00	75.89 -2.48 0.00	18.43 -3.29 67.99	84.89 -2.81 0.00	26.94 -0.90 0.00	28.48 -0.97 0.00	27.61 -0.92 0.00	27.39 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.86 0.00	29.26 -0.89 0.00	41.14 -1.39 0.00	52.40 -1.80 0.00	97.91 -3.46 0.00	54.72 -1.89 0.00	39.44 -1.34 0.00	42.00 -1.43 0.00	39.81 -1.39 0.00	30.21 -1.02 0.00
NM_CAPITAL___DRP 24208	28.85 0.74 0.00	34.97 0.82 0.00	36.39 0.76 0.00	24.96 0.56 0.00	24.04 0.50 0.00	32.14 0.53 0.00	79.79 1.42 0.00	89.84 1.44 1.31	89.69 1.99 0.00	28.38 0.55 0.00	29.35 0.52 0.62	26.38 0.55 2.71	26.97 0.42 1.67	29.82 0.49 0.69	30.84 0.30 0.36	30.20 0.32 0.28	42.75 0.24 0.02	54.38 0.45 0.27	102.72 1.49 0.14	57.17 0.56 0.00	41.18 0.41 0.00	43.89 0.47 0.00	41.69 0.49 0.00	31.54 0.31 0.00
NM_CENTRAL___DRP 24181	27.86 -0.25 0.00	33.72 -0.43 0.00	35.20 -0.44 0.00	24.09 -0.31 0.00	23.22 -0.31 0.00	31.26 -0.35 0.00	77.51 -0.86 0.00	81.68 -1.44 6.59	86.74 -0.96 0.00	27.48 -0.36 0.00	29.20 -0.43 -0.18	28.28 -0.39 -0.14	27.96 -0.27 0.00	29.91 -0.11 0.00	30.74 -0.16 0.00	29.94 -0.21 0.00	42.02 -0.50 0.00	53.54 -0.66 0.00	99.98 -1.40 0.00	55.86 -0.76 0.00	40.25 -0.53 0.00	42.84 -0.59 0.00	40.62 -0.58 0.00	30.81 -0.42 0.00

NM_FRONTIER___DRP 24179	27.63 -0.49 0.00	33.22 -0.93 0.00	34.64 -1.00 0.00	23.46 -0.93 0.00	22.44 -1.09 0.00	30.42 -1.19 0.00	73.48 -4.89 0.00	73.40 -9.36 6.95	80.93 -6.77 0.00	26.42 -1.42 0.00	28.70 -1.03 -0.27	27.68 -1.06 -0.21	28.08 -0.14 0.00	29.76 -0.26 0.00	30.29 -0.60 0.00	29.10 -1.05 0.00	40.39 -2.14 0.00	50.36 -3.83 0.00	92.42 -8.95 0.00	52.46 -4.15 0.00	37.83 -2.95 0.00	40.72 -2.70 0.00	39.05 -2.15 0.00	30.32 -0.91 0.00
NM_ST_REGIS___HYD 24053	28.01 -0.10 0.00	-12.28 0.15 46.57	-9.61 0.10 45.35	-22.89 -0.01 47.28	-22.97 0.01 46.51	-22.58 0.17 54.36	-12.58 0.56 91.52	65.76 1.00 24.95	32.27 0.54 55.97	27.99 0.15 0.00	29.89 0.44 0.00	28.69 0.16 0.00	28.36 0.13 0.00	30.29 0.26 0.00	31.48 0.58 0.00	30.74 0.59 0.00	43.45 0.92 0.00	55.18 0.98 0.00	102.90 1.53 0.00	57.53 0.92 0.00	41.63 0.86 0.00	44.51 1.08 0.00	42.10 0.90 0.00	31.90 0.67 0.00
NORTHPORT___1 23551	29.87 1.76 0.00	35.90 1.75 0.00	37.30 1.66 0.00	25.60 1.20 0.00	24.49 0.96 0.00	29.67 0.92 2.86	73.00 2.37 7.75	52.73 3.70 40.68	40.02 4.52 52.21	27.09 1.69 2.43	36.91 1.85 -5.61	-1.75 2.04 32.32	12.14 1.99 18.07	34.13 2.15 -1.96	36.70 1.87 -3.93	32.59 1.83 -0.61	30.12 1.58 13.98	39.97 2.62 16.84	57.43 4.79 48.74	36.58 2.18 22.21	27.23 1.70 15.24	27.84 1.69 17.27	28.98 1.70 13.92	32.43 1.20 0.00
NORTHPORT___2 23552	29.87 1.76 0.00	35.90 1.75 0.00	37.30 1.66 0.00	25.60 1.20 0.00	24.49 0.96 0.00	29.67 0.92 2.86	73.00 2.37 7.75	52.73 3.70 40.68	40.02 4.52 52.21	27.09 1.69 2.43	36.91 1.85 -5.61	-1.75 2.04 32.32	12.14 1.99 18.07	34.13 2.15 -1.96	36.70 1.87 -3.93	32.59 1.83 -0.61	30.12 1.58 13.98	39.97 2.62 16.84	57.43 4.79 48.74	36.58 2.18 22.21	27.23 1.70 15.24	27.84 1.69 17.27	28.98 1.70 13.92	32.43 1.20 0.00
NORTHPORT___3 23553	29.82 1.70 0.00	35.84 1.70 0.00	37.25 1.61 0.00	25.55 1.15 0.00	24.45 0.92 0.00	26.59 0.88 5.90	64.63 2.20 15.95	12.91 3.55 80.35	5.49 4.40 86.61	27.05 1.64 2.42	36.92 1.81 -5.67	-1.78 1.99 32.30	12.17 1.95 18.00	34.19 2.11 -2.06	36.73 1.83 -4.01	32.61 1.79 -0.67	27.08 1.49 16.94	18.35 2.54 38.38	17.70 4.75 88.42	12.98 2.12 45.75	11.01 1.64 31.40	9.49 1.64 35.57	14.18 1.65 28.67	32.37 1.14 0.00
NORTHPORT___4 23650	29.82 1.70 0.00	35.84 1.70 0.00	37.25 1.61 0.00	25.55 1.15 0.00	24.45 0.92 0.00	26.59 0.88 5.90	64.63 2.20 15.95	12.91 3.55 80.35	5.49 4.40 86.61	27.05 1.64 2.42	36.92 1.81 -5.67	-1.78 1.99 32.30	12.17 1.95 18.00	34.19 2.11 -2.06	36.73 1.83 -4.01	32.61 1.79 -0.67	27.08 1.49 16.94	18.35 2.54 38.38	17.70 4.75 88.42	12.98 2.12 45.75	11.01 1.64 31.40	9.49 1.64 35.57	14.18 1.65 28.67	32.37 1.14 0.00
NORTHPORT___IC 23718	29.88 1.76 0.00	35.90 1.75 0.00	37.30 1.66 0.00	25.60 1.20 0.00	24.48 0.95 0.00	29.67 0.93 2.86	73.00 2.37 7.75	52.73 3.70 40.68	40.02 4.53 52.21	27.08 1.67 2.43	36.92 1.86 -5.61	-1.75 2.04 32.32	12.13 1.98 18.07	34.12 2.14 -1.96	36.68 1.85 -3.93	32.58 1.82 -0.61	30.13 1.58 13.98	39.97 2.62 16.84	57.43 4.80 48.74	36.58 2.18 22.21	27.23 1.70 15.24	27.85 1.69 17.27	28.98 1.70 13.92	32.43 1.20 0.00
NORTH___COUNTRY_ESR 323785	27.00 -1.12 0.00	-13.48 -1.05 46.57	-24.37 -1.17 58.85	-23.73 -0.85 47.28	-23.74 -0.76 46.51	-23.73 -0.97 54.36	-24.24 -2.28 100.34	-27.79 -2.43 115.07	15.59 -2.59 69.52	27.45 -0.39 0.00	29.66 0.21 0.00	28.40 -0.13 0.00	28.18 -0.04 0.00	30.15 0.12 0.00	31.23 0.33 0.00	30.34 0.19 0.00	42.85 0.32 0.00	54.41 0.22 0.00	101.50 0.13 0.00	56.55 -0.07 0.00	40.68 -0.10 0.00	43.42 -0.01 0.00	41.56 0.36 0.00	31.58 0.34 0.00
NPX_GEN_1385_PROXY 323591	28.68 1.56 0.99	35.68 1.53 0.00	37.11 1.47 0.00	25.45 1.05 0.00	24.33 0.80 0.00	28.16 0.76 4.22	74.35 3.72 7.75	53.64 4.62 40.68	40.06 4.57 52.21	26.36 1.39 2.86	36.75 1.68 -5.61	-1.86 1.93 32.32	-20.77 1.88 50.88	2.61 2.03 29.45	10.50 1.76 22.15	6.04 1.74 25.84	30.44 1.89 13.98	40.42 3.07 16.84	57.85 5.22 48.74	37.42 3.02 22.21	27.57 2.04 15.24	27.69 1.53 17.27	28.69 1.41 13.92	32.29 1.06 0.00
NPX_GEN_CSC 323557	28.93 1.81 0.99	35.91 1.76 0.00	37.31 1.67 0.00	25.65 1.25 0.00	24.40 0.87 0.00	20.85 0.78 11.53	-18.37 1.84 98.59	3.58 3.01 89.13	-14.40 3.83 105.93	26.41 1.41 2.84	-38.43 1.42 69.30	-83.56 1.68 113.77	-36.65 1.47 66.34	-32.67 1.63 64.33	-12.53 1.37 44.79	-4.84 1.38 36.37	4.54 1.10 39.08	20.36 2.10 35.94	10.29 3.82 94.90	-12.88 1.65 71.15	27.11 1.44 15.10	-29.65 1.33 74.41	-18.40 1.46 61.05	30.56 0.94 1.61
NSINS_S_GLNS_FALLS 23858	29.57 1.45 0.00	35.73 1.59 0.00	37.23 1.59 0.00	25.54 1.15 0.00	24.68 1.15 0.00	33.08 1.47 0.00	82.58 4.20 0.00	93.56 5.15 1.29	92.89 5.19 0.00	28.96 1.13 0.00	29.83 0.94 0.56	27.01 0.92 2.44	27.46 0.75 1.51	30.26 0.85 0.63	31.25 0.67 0.32	30.83 0.93 0.25	44.13 1.61 0.01	56.69 2.73 0.24	107.46 6.22 0.13	59.83 3.22 0.00	43.05 2.28 0.00	45.60 2.17 0.00	43.25 2.05 0.00	32.51 1.28 0.00
NUCOR_STEEL___DRP 24197	28.20 0.08 0.00	34.22 0.07 0.00	35.77 0.13 0.00	24.36 -0.04 0.00	23.58 0.05 0.00	31.65 0.04 0.00	78.64 0.27 0.00	84.80 -0.04 4.86	88.07 0.37 0.00	27.79 -0.04 0.00	29.56 -0.12 -0.24	28.62 -0.10 -0.18	28.15 -0.07 0.00	30.41 0.38 0.00	31.25 0.35 0.00	30.40 0.25 0.00	42.60 0.07 0.00	54.34 0.14 0.00	101.42 0.05 0.00	56.71 0.10 0.00	40.88 0.10 0.00	43.50 0.08 0.00	41.30 0.10 0.00	31.20 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	27.65 -0.47 0.00	33.90 -0.25 0.00	35.83 -0.32 -0.50	24.15 -0.24 0.00	23.22 -0.31 0.00	31.76 0.15 0.00	80.34 1.64 -0.33	95.27 3.31 -2.25	91.62 3.41 -0.51	28.40 0.57 0.00	29.47 0.02 0.00	28.44 -0.09 0.00	27.99 -0.23 0.00	30.30 0.27 0.00	31.43 0.53 0.00	30.90 0.75 0.00	43.24 0.71 0.00	55.74 1.54 0.00	103.88 2.51 0.00	57.91 1.30 0.00	41.84 1.07 0.00	44.64 1.21 0.00	41.48 0.28 0.00	31.16 -0.07 0.00
NYISO_LBMP_REFERENCE 24008	28.12 0.00 0.00	34.15 0.00 0.00	35.64 0.00 0.00	24.40 0.00 0.00	23.53 0.00 0.00	31.61 0.00 0.00	78.37 0.00 0.00	89.71 0.00 0.00	87.70 0.00 0.00	27.84 0.00 0.00	29.45 0.00 0.00	28.54 0.00 0.00	28.22 0.00 0.00	30.03 0.00 0.00	30.90 0.00 0.00	30.15 0.00 0.00	42.52 0.00 0.00	54.20 0.00 0.00	101.37 0.00 0.00	56.61 0.00 0.00	40.77 0.00 0.00	43.43 0.00 0.00	41.20 0.00 0.00	31.23 0.00 0.00
NYPA_BRENTWD____GT 24164	30.23 2.12 0.00	36.30 2.15 0.00	37.73 2.09 0.00	25.88 1.48 0.00	24.76 1.23 0.00	31.72 1.34 1.23	78.43 3.40 3.34	75.23 4.81 19.28	60.67 5.62 32.65	27.58 2.05 2.30	37.16 2.12 -5.59	-1.35 2.26 32.14	12.96 2.19 17.45	35.26 2.36 -2.87	37.63 2.12 -4.61	33.51 2.13 -1.22	32.81 2.08 11.80	52.82 3.31 4.69	80.31 5.55 26.60	49.68 2.64 9.57	36.45 2.25 6.57	38.22 2.25 7.45	37.43 2.24 6.00	32.81 1.58 0.00

NYPA_GOWANUS____GT5 24156	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NYPA_GOWANUS____GT6 24157	30.28 2.17 0.00	36.44 2.30 0.00	37.92 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.03 4.66 0.00	94.23 6.18 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.26 2.01 -44.03	50.51 2.21 -18.28	42.34 2.07 -9.37	39.48 2.06 -7.27	45.33 2.39 -0.41	64.84 3.42 -7.22	112.07 6.80 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.94 2.74 0.00	33.21 1.98 0.00
NYPA_HARLEM__RVR__GT1 24160	30.25 2.13 0.00	36.41 2.27 0.00	37.89 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.01 4.64 0.00	94.03 5.97 1.65	94.56 6.86 0.00	30.12 2.29 0.00	40.33 2.34 -8.54	92.38 2.30 -61.55	72.56 1.90 -42.44	50.34 2.04 -18.27	41.91 1.92 -9.09	39.02 1.95 -6.92	45.09 2.17 -0.39	64.08 3.01 -6.88	111.40 6.14 -3.90	60.05 3.43 0.00	43.09 2.32 0.00	45.86 2.43 0.00	43.66 2.46 0.00	32.93 1.70 0.00
NYPA_HARLEM__RVR__GT2 24161	30.25 2.13 0.00	36.41 2.27 0.00	37.89 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.01 4.64 0.00	94.03 5.97 1.65	94.56 6.86 0.00	30.12 2.29 0.00	40.33 2.34 -8.54	92.38 2.30 -61.55	72.56 1.90 -42.44	50.34 2.04 -18.27	41.91 1.92 -9.09	39.02 1.95 -6.92	45.09 2.17 -0.39	64.08 3.01 -6.88	111.40 6.14 -3.90	60.05 3.43 0.00	43.09 2.32 0.00	45.86 2.43 0.00	43.66 2.46 0.00	32.93 1.70 0.00
NYPA_KENT____GT 24152	30.26 2.15 0.00	36.43 2.29 0.00	37.90 2.25 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.01 4.64 0.00	94.15 6.10 1.65	94.61 6.90 0.00	30.18 2.35 0.00	40.45 2.46 -8.54	96.44 2.44 -65.47	74.32 2.07 -44.03	50.56 2.25 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.36 2.42 -0.41	64.86 3.44 -7.22	112.11 6.84 -3.90	60.27 3.66 0.00	43.29 2.52 0.00	46.09 2.67 0.00	43.89 2.69 0.00	33.17 1.94 0.00
NYPA_POUCH1____GT 24155	30.25 2.14 0.00	36.42 2.28 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.46 1.85 0.00	82.90 4.52 0.00	94.09 6.03 1.65	94.51 6.81 0.00	30.16 2.33 0.00	40.41 2.42 -8.54	96.37 2.36 -65.47	74.13 1.88 -44.03	50.40 2.09 -18.28	42.25 1.98 -9.37	39.38 1.96 -7.27	45.19 2.25 -0.41	64.68 3.27 -7.22	111.77 6.49 -3.90	60.27 3.66 0.00	43.28 2.51 0.00	46.08 2.66 0.00	43.90 2.70 0.00	33.22 1.98 0.00
NYPA_VERNON____GT2 24162	30.25 2.14 0.00	36.42 2.28 0.00	37.89 2.25 0.00	25.95 1.56 0.00	24.96 1.43 0.00	33.46 1.85 0.00	82.99 4.62 0.00	94.05 6.00 1.65	94.53 6.83 0.00	30.18 2.34 0.00	40.45 2.46 -8.54	96.44 2.44 -65.47	74.38 2.13 -44.03	50.61 2.30 -18.28	42.40 2.13 -9.37	39.57 2.15 -7.27	45.38 2.44 -0.41	64.88 3.46 -7.22	112.15 6.88 -3.90	60.19 3.58 0.00	43.25 2.48 0.00	46.05 2.62 0.00	43.84 2.65 0.00	33.14 1.91 0.00
NYPA_VERNON____GT3 24163	30.25 2.14 0.00	36.42 2.28 0.00	37.89 2.25 0.00	25.95 1.56 0.00	24.96 1.43 0.00	33.46 1.85 0.00	82.99 4.62 0.00	94.05 6.00 1.65	94.53 6.83 0.00	30.18 2.34 0.00	40.45 2.46 -8.54	96.44 2.44 -65.47	74.38 2.13 -44.03	50.61 2.30 -18.28	42.40 2.13 -9.37	39.57 2.15 -7.27	45.38 2.44 -0.41	64.88 3.46 -7.22	112.15 6.88 -3.90	60.19 3.58 0.00	43.25 2.48 0.00	46.05 2.62 0.00	43.84 2.65 0.00	33.14 1.91 0.00
NYPA____ASTORIA_CC1 323568	30.24 2.13 0.00	36.41 2.26 0.00	37.88 2.23 0.00	25.94 1.55 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.91 1.65	94.45 6.75 0.00	30.15 2.31 0.00	40.42 2.43 -8.54	96.41 2.41 -65.47	74.33 2.09 -44.03	50.56 2.25 -18.28	42.36 2.09 -9.37	39.53 2.11 -7.27	45.33 2.39 -0.41	64.79 3.37 -7.22	112.00 6.72 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
NYPA____ASTORIA_CC2 323569	30.24 2.13 0.00	36.41 2.26 0.00	37.88 2.23 0.00	25.94 1.55 0.00	24.94 1.41 0.00	33.45 1.84 0.00	82.92 4.54 0.00	93.97 5.91 1.65	94.45 6.75 0.00	30.15 2.31 0.00	40.42 2.43 -8.54	96.41 2.41 -65.47	74.33 2.09 -44.03	50.56 2.25 -18.28	42.36 2.09 -9.37	39.53 2.11 -7.27	45.33 2.39 -0.41	64.79 3.37 -7.22	112.00 6.72 -3.90	60.12 3.51 0.00	43.22 2.45 0.00	46.00 2.58 0.00	43.81 2.61 0.00	33.12 1.89 0.00
NYPA____HOLTSVILL 23794	29.95 1.83 0.00	35.96 1.81 0.00	37.35 1.70 0.00	25.66 1.26 0.00	24.50 0.96 0.00	31.06 0.95 1.50	76.63 2.32 4.07	70.42 3.57 22.86	55.57 4.40 36.53	27.01 1.58 2.41	34.88 1.69 -3.75	-1.86 1.89 32.29	6.40 1.82 23.64	26.33 1.98 5.68	30.90 1.68 1.68	28.20 1.68 3.64	28.38 1.50 15.65	46.30 2.59 10.48	73.37 4.61 32.61	46.98 2.02 11.65	34.43 1.66 8.00	36.01 1.64 9.05	35.60 1.70 7.30	32.36 1.13 0.00
NYPA____HELLGATE_GT1 24158	30.25 2.13 0.00	36.41 2.27 0.00	37.89 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.01 4.64 0.00	94.03 5.97 1.65	94.56 6.86 0.00	30.12 2.29 0.00	40.33 2.34 -8.54	92.38 2.30 -61.55	72.56 1.90 -42.44	50.34 2.04 -18.27	41.91 1.92 -9.09	39.02 1.95 -6.92	45.09 2.18 -0.39	64.13 3.06 -6.88	111.47 6.20 -3.90	60.08 3.47 0.00	43.13 2.36 0.00	45.90 2.47 0.00	43.67 2.48 0.00	32.93 1.70 0.00
NYPA____HELLGATE_GT2 24159	30.25 2.13 0.00	36.41 2.27 0.00	37.89 2.24 0.00	25.95 1.56 0.00	24.95 1.42 0.00	33.45 1.84 0.00	83.01 4.64 0.00	94.03 5.97 1.65	94.56 6.86 0.00	30.12 2.29 0.00	40.33 2.34 -8.54	92.38 2.30 -61.55	72.56 1.90 -42.44	50.34 2.04 -18.27	41.91 1.92 -9.09	39.02 1.95 -6.92	45.09 2.18 -0.39	64.13 3.06 -6.88	111.47 6.20 -3.90	60.08 3.47 0.00	43.13 2.36 0.00	45.90 2.47 0.00	43.67 2.48 0.00	32.93 1.70 0.00
NYS_BARGE____HYD 23848	27.14 -0.28 0.69	32.70 -0.67 0.77	34.07 -0.75 0.83	22.95 -0.75 0.70	21.89 -0.90 0.74	20.37 -0.89 10.35	72.85 -4.16 1.36	72.47 -7.84 9.40	79.97 -5.57 2.16	26.17 -0.91 0.75	29.29 -0.43 -0.27	28.17 -0.42 -0.05	27.95 0.52 0.79	29.87 0.37 0.52	30.08 -0.18 0.64	28.49 -0.67 0.99	41.12 -1.41 0.00	51.21 -2.98 0.00	94.31 -7.06 0.00	53.49 -3.13 0.00	38.51 -2.26 0.00	41.40 -2.03 0.00	39.66 -1.54 0.00	30.63 -0.60 0.00
OAK ORCHARD____HYD 24046	27.81 0.03 0.33	33.58 -0.19 0.37	35.02 -0.22 0.40	23.78 -0.28 0.34	22.83 -0.34 0.36	26.34 -0.25 5.01	76.40 -1.32 0.65	78.72 -2.91 8.08	85.03 -1.73 0.94	27.20 -0.30 0.33	29.50 -0.17 -0.22	28.55 -0.08 -0.10	28.37 0.49 0.34	30.35 0.56 0.24	30.84 0.24 0.30	29.63 -0.05 0.47	42.18 -0.34 0.00	53.42 -0.77 0.00	99.32 -2.05 0.00	55.85 -0.76 0.00	40.19 -0.58 0.00	42.86 -0.57 0.00	40.74 -0.45 0.00	31.10 -0.13 0.00

OAKDALE___35_KV_LOAD 356122	28.46 0.35 0.00	34.42 0.27 0.00	35.98 0.33 0.00	24.61 0.21 0.00	23.67 0.14 0.00	31.88 0.27 0.00	78.87 0.50 0.00	83.74 0.10 6.06	88.46 0.76 0.00	28.02 0.19 0.00	30.27 0.22 -0.60	31.44 0.26 -2.64	30.20 0.35 -1.63	31.27 0.57 -0.67	31.72 0.48 -0.35	30.77 0.35 -0.27	42.63 0.09 -0.02	54.62 0.17 -0.26	101.42 -0.09 -0.14	56.60 -0.01 0.00	40.78 0.01 0.00	43.42 -0.01 0.00	41.41 0.22 0.00	31.41 0.18 0.00
OCC_CHEM___DRP 24175	27.68 -0.43 0.00	33.29 -0.86 0.00	34.71 -0.93 0.00	23.51 -0.88 0.00	22.49 -1.04 0.00	30.48 -1.13 0.00	73.65 -4.72 0.00	73.64 -9.12 6.94	81.12 -6.58 0.00	26.50 -1.33 0.00	28.78 -0.94 -0.27	27.76 -0.98 -0.21	28.16 -0.06 0.00	29.86 -0.17 0.00	30.39 -0.51 0.00	29.19 -0.96 0.00	40.52 -2.01 0.00	50.53 -3.66 0.00	92.74 -8.63 0.00	52.63 -3.98 0.00	37.95 -2.83 0.00	40.85 -2.58 0.00	39.17 -2.03 0.00	30.40 -0.83 0.00
OH_GEN_PROXY 24063	25.88 -0.40 1.83	32.41 -0.80 0.93	33.80 -0.84 1.00	22.73 -0.83 0.84	21.66 -0.98 0.89	16.73 -1.04 13.84	72.37 -4.37 1.63	71.87 -8.08 9.76	79.39 -5.86 2.46	25.46 -1.09 1.29	29.01 -0.72 -0.27	27.83 -0.75 -0.04	27.41 0.08 0.89	29.49 0.07 0.61	29.82 -0.32 0.76	28.23 -0.73 1.19	40.83 -1.69 0.00	51.07 -3.13 0.00	93.87 -7.50 0.00	53.21 -3.40 0.00	38.33 -2.44 0.00	41.15 -2.27 0.00	39.46 -1.74 0.00	30.47 -0.77 0.00
OLIN_CORP_DRP 24177	27.49 -0.62 0.00	33.00 -1.14 0.00	34.39 -1.25 0.00	23.32 -1.08 0.00	22.32 -1.22 0.00	30.28 -1.33 0.00	73.00 -5.37 0.00	73.39 -9.38 6.93	80.67 -7.03 0.00	26.53 -1.31 0.00	28.95 -0.77 -0.28	27.97 -0.77 -0.21	28.36 0.14 0.00	30.01 -0.02 0.00	30.41 -0.49 0.00	29.13 -1.01 0.00	40.68 -1.85 0.00	50.47 -3.72 0.00	92.67 -8.71 0.00	52.58 -4.03 0.00	37.90 -2.87 0.00	40.81 -2.62 0.00	39.13 -2.06 0.00	30.24 -0.99 0.00
OLIN_CORP_DSASP 323712	26.89 -0.43 0.79	32.42 -0.84 0.88	33.80 -0.90 0.95	22.73 -0.87 0.80	21.65 -1.03 0.85	18.65 -1.10 11.86	72.14 -4.68 1.56	70.98 -9.01 9.71	78.70 -6.57 2.43	25.68 -1.31 0.85	28.80 -0.92 -0.27	27.61 -0.97 -0.04	27.27 -0.07 0.88	29.27 -0.17 0.59	29.65 -0.52 0.73	28.07 -0.94 1.14	40.51 -2.01 0.00	50.51 -3.68 0.00	92.69 -8.68 0.00	52.64 -3.98 0.00	37.94 -2.83 0.00	40.83 -2.59 0.00	39.16 -2.03 0.00	30.40 -0.83 0.00
ONEIDA_HERK_LFGE 323681	28.36 0.24 0.00	34.55 0.40 0.00	36.26 0.39 -0.23	24.66 0.26 0.00	23.75 0.22 0.00	32.19 0.58 0.00	80.56 2.04 -0.15	92.85 3.15 0.01	91.07 3.13 -0.25	28.46 0.63 0.00	29.74 0.29 0.00	28.75 0.21 0.00	28.38 0.15 0.00	30.50 0.47 0.00	31.54 0.64 0.00	30.97 0.82 0.00	43.50 0.97 0.00	55.82 1.62 0.00	104.14 2.77 0.00	58.10 1.49 0.00	41.92 1.14 0.00	44.64 1.21 0.00	41.92 0.72 0.00	31.62 0.39 0.00
ONEIDA___115KV_TB4 55905	28.74 0.63 0.00	34.86 0.71 0.00	36.40 0.76 0.00	24.93 0.54 0.00	24.06 0.52 0.00	32.50 0.89 0.00	80.91 2.54 0.00	89.45 3.18 3.43	90.88 3.18 0.00	28.46 0.63 0.00	29.81 0.36 0.00	28.84 0.31 0.00	28.53 0.31 0.00	30.60 0.57 0.00	31.69 0.79 0.00	31.11 0.96 0.00	43.75 1.22 0.00	55.98 1.79 0.00	104.34 2.97 0.00	58.24 1.63 0.00	41.96 1.18 0.00	44.65 1.23 0.00	42.17 0.97 0.00	31.89 0.66 0.00
ONONDAGA_REF_OCCRA 23987	28.08 -0.04 0.00	33.96 -0.18 0.00	35.46 -0.18 0.00	24.26 -0.14 0.00	23.38 -0.15 0.00	31.49 -0.12 0.00	78.14 -0.23 0.00	82.09 -0.64 6.98	87.48 -0.22 0.00	27.64 -0.19 0.00	29.40 -0.27 -0.22	28.46 -0.25 -0.17	28.08 -0.14 0.00	30.09 0.06 0.00	30.96 0.06 0.00	30.16 0.01 0.00	42.30 -0.22 0.00	53.95 -0.24 0.00	100.77 -0.60 0.00	56.31 -0.30 0.00	40.56 -0.21 0.00	43.18 -0.24 0.00	40.93 -0.26 0.00	31.04 -0.19 0.00
ONONDAGA___COGEN 23986	28.08 -0.04 0.00	33.98 -0.17 0.00	35.48 -0.16 0.00	24.22 -0.17 0.00	23.37 -0.16 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.39 -0.31 0.00	27.62 -0.22 0.00	29.38 -0.28 -0.21	28.42 -0.27 -0.16	28.04 -0.18 0.00	30.08 0.05 0.00	30.92 0.02 0.00	30.10 -0.05 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
ONTARIO___LFGE 23819	28.31 0.19 0.00	34.20 0.06 0.00	35.74 0.10 0.00	24.42 0.02 0.00	23.48 -0.05 0.00	31.70 0.09 0.00	78.24 -0.13 0.00	82.87 -0.72 6.12	87.57 -0.13 0.00	27.69 -0.15 0.00	29.47 -0.25 -0.27	28.55 -0.20 -0.21	28.30 0.07 0.00	30.68 0.65 0.00	31.41 0.51 0.00	30.37 0.22 0.00	42.33 -0.20 0.00	54.05 -0.15 0.00	100.83 -0.55 0.00	56.64 0.03 0.00	40.83 0.06 0.00	43.41 -0.01 0.00	41.34 0.14 0.00	31.41 0.18 0.00
ORANGEVILLE_WT_PWR 323706	27.59 -0.29 0.23	33.35 -0.54 0.26	34.84 -0.53 0.28	23.62 -0.54 0.23	22.47 -0.81 0.25	27.26 -0.88 3.47	75.00 -3.18 0.20	81.84 -3.97 3.90	75.79 -3.38 8.52	-23.68 -1.54 49.98	-23.72 -1.73 51.43	-23.71 -1.65 50.61	12.97 -1.20 14.06	28.09 -0.34 1.60	30.45 -0.46 -0.02	28.86 -1.15 0.14	40.38 -2.15 -0.01	51.64 -2.71 -0.16	96.13 -5.32 -0.08	54.17 -2.45 0.00	38.80 -1.97 0.00	41.42 -2.01 0.00	39.85 -1.34 0.00	30.67 -0.57 0.00
ORANGEVILLE___ESR 323794	27.59 -0.29 0.23	33.35 -0.54 0.26	34.84 -0.53 0.28	23.62 -0.54 0.23	22.47 -0.81 0.25	27.26 -0.88 3.47	75.00 -3.18 0.20	81.84 -3.97 3.90	75.79 -3.38 8.52	-23.68 -1.54 49.98	-23.72 -1.73 51.43	-23.71 -1.65 50.61	12.97 -1.20 14.06	28.09 -0.34 1.60	30.45 -0.46 -0.02	28.86 -1.15 0.14	40.38 -2.15 -0.01	51.64 -2.71 -0.16	96.13 -5.32 -0.08	54.17 -2.45 0.00	38.80 -1.97 0.00	41.42 -2.01 0.00	39.85 -1.34 0.00	30.67 -0.57 0.00
OSWEGATCHIE___HYD 24044	27.95 -0.16 0.00	34.20 0.05 0.00	36.75 -0.05 -1.16	24.31 -0.08 0.00	23.42 -0.11 0.00	31.80 0.19 0.00	80.32 1.19 -0.76	99.68 2.23 -7.75	90.89 2.02 -1.16	28.14 0.30 0.00	29.52 0.07 0.00	28.45 -0.09 0.00	28.06 -0.16 0.00	30.18 0.16 0.00	31.41 0.52 0.00	30.79 0.64 0.00	43.21 0.69 0.00	55.23 1.03 0.00	102.97 1.60 0.00	57.52 0.91 0.00	41.66 0.89 0.00	44.61 1.18 0.00	41.72 0.53 0.00	31.46 0.23 0.00
OSWEGO___5 23606	27.51 -0.61 0.00	33.33 -0.82 0.00	34.80 -0.84 0.00	23.81 -0.58 0.00	22.96 -0.57 0.00	30.88 -0.73 0.00	76.53 -1.84 0.00	104.06 -2.55 -16.90	85.59 -2.11 0.00	27.15 -0.68 0.00	28.70 -0.75 0.00	27.83 -0.71 0.00	27.60 -0.62 0.00	29.48 -0.54 0.00	30.30 -0.60 0.00	29.50 -0.65 0.00	41.46 -1.07 0.00	52.80 -1.39 0.00	98.68 -2.69 0.00	55.14 -1.47 0.00	39.74 -1.03 0.00	42.32 -1.10 0.00	40.13 -1.07 0.00	30.45 -0.78 0.00
OSWEGO___6 23613	27.51 -0.61 0.00	33.33 -0.82 0.00	34.80 -0.84 0.00	23.81 -0.58 0.00	22.96 -0.57 0.00	30.88 -0.73 0.00	76.53 -1.84 0.00	104.06 -2.55 -16.90	85.59 -2.11 0.00	27.15 -0.68 0.00	28.70 -0.75 0.00	27.83 -0.71 0.00	27.60 -0.62 0.00	29.48 -0.54 0.00	30.30 -0.60 0.00	29.50 -0.65 0.00	41.46 -1.07 0.00	52.80 -1.39 0.00	98.68 -2.69 0.00	55.14 -1.47 0.00	39.74 -1.03 0.00	42.32 -1.10 0.00	40.13 -1.07 0.00	30.45 -0.78 0.00

OUTOKUMPU-AB___DRP 24206	28.09 -0.03 0.00	33.76 -0.39 0.00	35.20 -0.45 0.00	23.85 -0.55 0.00	22.81 -0.72 0.00	30.93 -0.68 0.00	74.91 -3.47 0.00	75.49 -7.29 6.93	82.84 -4.86 0.00	27.06 -0.78 0.00	29.41 -0.31 -0.28	28.41 -0.33 -0.21	28.80 0.58 0.00	30.48 0.46 0.00	30.95 0.05 0.00	29.71 -0.44 0.00	41.30 -1.22 0.00	51.70 -2.50 0.00	95.08 -6.29 0.00	53.90 -2.71 0.00	38.79 -1.98 0.00	41.69 -1.74 0.00	39.97 -1.23 0.00	30.88 -0.35 0.00
OXBOW___BTM 323836	27.07 -0.25 0.79	32.63 -0.63 0.88	34.00 -0.69 0.95	22.87 -0.73 0.80	21.79 -0.89 0.85	18.85 -0.91 11.85	72.72 -4.09 1.56	71.83 -8.15 9.72	79.52 -5.73 2.45	25.94 -1.04 0.85	29.10 -0.62 -0.28	27.92 -0.66 -0.04	27.57 0.23 0.89	29.57 0.13 0.59	29.91 -0.25 0.73	28.32 -0.69 1.14	40.89 -1.64 0.00	51.08 -3.12 0.00	93.86 -7.51 0.00	53.25 -3.37 0.00	38.36 -2.42 0.00	41.23 -2.20 0.00	39.54 -1.66 0.00	30.62 -0.62 0.00
OXBOW___ 24026	27.86 -0.25 0.00	33.49 -0.65 0.00	34.92 -0.72 0.00	23.66 -0.74 0.00	22.62 -0.91 0.00	30.68 -0.93 0.00	74.23 -4.14 0.00	74.54 -8.23 6.93	81.94 -5.76 0.00	26.76 -1.07 0.00	29.09 -0.64 -0.28	28.08 -0.67 -0.21	28.47 0.25 0.00	30.15 0.12 0.00	30.65 -0.24 0.00	29.43 -0.72 0.00	40.89 -1.63 0.00	51.11 -3.09 0.00	93.88 -7.49 0.00	53.27 -3.35 0.00	38.36 -2.42 0.00	41.26 -2.17 0.00	39.55 -1.65 0.00	30.62 -0.61 0.00
OXY_CHEM_DSASP 323612	27.68 -0.43 0.00	33.29 -0.86 0.00	34.71 -0.93 0.00	23.51 -0.88 0.00	22.49 -1.04 0.00	30.48 -1.13 0.00	73.65 -4.72 0.00	73.64 -9.12 6.94	81.12 -6.58 0.00	26.50 -1.33 0.00	28.78 -0.94 -0.27	27.76 -0.98 -0.21	28.16 -0.06 0.00	29.86 -0.17 0.00	30.39 -0.51 0.00	29.19 -0.96 0.00	40.52 -2.01 0.00	50.53 -3.66 0.00	92.74 -8.63 0.00	52.63 -3.98 0.00	37.95 -2.83 0.00	40.85 -2.58 0.00	39.17 -2.03 0.00	30.40 -0.83 0.00
OZONE_PARK_ESR 323760	30.39 2.27 0.00	36.59 2.44 0.00	38.04 2.40 0.00	26.05 1.65 0.00	25.05 1.52 0.00	33.60 1.99 0.00	83.43 5.06 0.00	94.69 6.64 1.65	95.13 7.43 0.00	30.31 2.48 0.00	40.60 2.61 -8.54	92.68 2.59 -61.55	71.73 2.40 -41.11	49.69 2.60 -17.07	42.04 2.39 -8.75	39.33 2.40 -6.79	45.68 2.77 -0.39	64.87 3.94 -6.74	112.87 7.86 -3.64	60.61 3.99 0.00	43.54 2.77 0.00	46.35 2.92 0.00	44.07 2.87 0.00	33.29 2.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.68 -0.43 0.00	33.29 -0.86 0.00	34.71 -0.93 0.00	23.51 -0.88 0.00	22.49 -1.04 0.00	30.48 -1.13 0.00	73.65 -4.72 0.00	73.64 -9.12 6.94	81.12 -6.58 0.00	26.50 -1.33 0.00	28.78 -0.94 -0.27	27.76 -0.98 -0.21	28.16 -0.06 0.00	29.86 -0.17 0.00	30.39 -0.51 0.00	29.19 -0.96 0.00	40.52 -2.01 0.00	50.53 -3.66 0.00	92.74 -8.63 0.00	52.63 -3.98 0.00	37.95 -2.83 0.00	40.85 -2.58 0.00	39.17 -2.03 0.00	30.40 -0.83 0.00
PACKARD___115KV_DUPONT_184 80571	26.89 -0.43 0.79	32.42 -0.84 0.88	33.80 -0.90 0.95	22.73 -0.87 0.80	21.65 -1.03 0.85	18.65 -1.10 11.86	72.14 -4.68 1.56	70.98 -9.01 9.71	78.70 -6.57 2.43	25.68 -1.31 0.85	28.80 -0.92 -0.27	27.61 -0.97 -0.04	27.27 -0.07 0.88	29.27 -0.17 0.59	29.65 -0.52 0.73	28.07 -0.94 1.14	40.51 -2.01 0.00	50.51 -3.68 0.00	92.69 -8.68 0.00	52.64 -3.98 0.00	37.94 -2.83 0.00	40.83 -2.59 0.00	39.16 -2.03 0.00	30.40 -0.83 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.23 2.11 0.00	36.41 2.27 0.00	37.89 2.25 0.00	25.95 1.56 0.00	24.96 1.43 0.00	33.46 1.85 0.00	83.00 4.63 0.00	93.79 5.74 1.65	94.30 6.60 0.00	30.04 2.21 0.00	40.26 2.27 -8.54	92.35 2.27 -61.55	72.58 1.93 -42.44	50.38 2.08 -18.28	41.90 1.90 -9.10	39.01 1.94 -6.92	45.04 2.12 -0.40	64.16 3.09 -6.88	111.49 6.22 -3.90	59.93 3.32 0.00	43.07 2.30 0.00	45.89 2.47 0.00	43.71 2.51 0.00	33.00 1.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.76 2.64 0.00	37.17 3.02 0.00	38.68 3.04 0.00	26.50 2.11 0.00	25.50 1.97 0.00	34.23 2.62 0.00	84.96 6.59 0.00	95.83 7.78 1.65	96.18 8.48 0.00	30.60 2.77 0.00	40.83 2.84 -8.54	92.92 2.83 -61.55	73.15 2.49 -42.44	50.99 2.69 -18.28	42.51 2.51 -9.10	39.59 2.52 -6.92	45.85 2.93 -0.40	65.16 4.09 -6.88	113.33 8.07 -3.90	60.97 4.35 0.00	43.78 3.01 0.00	46.65 3.22 0.00	44.46 3.27 0.00	33.58 2.35 0.00
PATROON___115KV_TB1 80586	28.97 0.86 0.00	35.11 0.96 0.00	36.53 0.89 0.00	25.06 0.66 0.00	24.12 0.59 0.00	32.27 0.66 0.00	80.12 1.75 0.00	90.23 1.83 1.31	90.09 2.39 0.00	28.50 0.66 0.00	29.47 0.63 0.61	26.52 0.66 2.67	27.10 0.53 1.65	29.95 0.61 0.69	30.98 0.44 0.35	30.34 0.46 0.27	42.99 0.48 0.02	54.73 0.79 0.26	103.28 2.05 0.14	57.49 0.88 0.00	41.44 0.66 0.00	44.12 0.69 0.00	41.87 0.67 0.00	31.68 0.44 0.00
PATTRSNVILLE___SOLAR 323815	28.91 0.80 0.00	35.01 0.86 0.00	36.57 0.93 0.00	25.03 0.63 0.00	24.16 0.63 0.00	32.46 0.85 0.00	80.83 2.46 0.00	91.32 3.03 1.41	90.45 2.75 0.00	28.32 0.49 0.00	29.40 0.41 0.46	26.95 0.41 2.00	27.36 0.37 1.23	29.96 0.44 0.51	30.99 0.35 0.26	30.41 0.46 0.20	43.46 0.95 0.01	55.75 1.75 0.19	104.90 3.63 0.10	58.49 1.88 0.00	42.16 1.39 0.00	44.85 1.42 0.00	42.44 1.25 0.00	32.13 0.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.12 0.00 0.00	33.84 -0.31 0.00	35.32 -0.32 0.00	23.94 -0.46 0.00	22.89 -0.64 0.00	31.03 -0.58 0.00	75.39 -2.98 0.00	76.47 -6.37 6.87	83.53 -4.17 0.00	27.24 -0.60 0.00	29.51 -0.25 -0.30	28.58 -0.19 -0.23	28.88 0.66 0.00	30.63 0.61 0.00	31.06 0.16 0.00	29.85 -0.30 0.00	41.40 -1.13 0.00	52.13 -2.07 0.00	95.92 -5.46 0.00	54.25 -2.36 0.00	39.03 -1.75 0.00	41.79 -1.63 0.00	40.11 -1.08 0.00	30.84 -0.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.18 2.06 0.00	36.37 2.22 0.00	37.86 2.22 0.00	25.92 1.52 0.00	24.95 1.42 0.00	33.47 1.86 0.00	83.16 4.78 0.00	94.19 6.11 1.63	94.50 6.80 0.00	30.00 2.17 0.00	35.69 2.21 -4.03	36.92 2.19 -6.20	32.60 2.03 -2.34	33.19 2.19 -0.97	33.40 2.01 -0.50	32.60 2.06 -0.39	45.02 2.47 -0.02	57.83 3.35 -0.29	108.33 6.81 -0.15	60.04 3.43 0.00	43.20 2.43 0.00	45.98 2.55 0.00	43.67 2.47 0.00	32.93 1.70 0.00
PEEKSKILL___ 23653	29.92 1.81 0.00	36.06 1.92 0.00	37.53 1.89 0.00	25.69 1.29 0.00	24.70 1.17 0.00	33.12 1.51 0.00	82.24 3.87 0.00	93.16 5.14 1.69	93.55 5.85 0.00	29.75 1.92 0.00	39.99 2.01 -8.54	68.54 2.02 -37.98	53.60 1.87 -23.51	41.81 2.02 -9.76	37.72 1.81 -5.01	35.84 1.81 -3.88	44.74 2.00 -0.22	61.02 3.00 -3.83	109.59 6.15 -2.06	59.62 3.00 0.00	42.85 2.08 0.00	45.63 2.20 0.00	43.39 2.19 0.00	32.75 1.52 0.00
PGE MADISON___WINDPWR 24146	29.14 1.02 0.00	35.41 1.27 0.00	36.98 1.34 0.00	25.38 0.98 0.00	24.66 1.12 0.00	33.50 1.89 0.00	83.60 5.22 0.00	90.03 5.89 5.56	93.54 5.84 0.00	28.83 0.99 0.00	30.87 0.84 -0.58	31.89 0.80 -2.56	30.52 0.72 -1.58	31.70 1.02 -0.65	32.70 1.47 -0.34	32.24 1.83 -0.26	44.97 2.43 -0.01	57.40 2.96 -0.25	106.64 5.14 -0.13	60.07 3.46 0.00	43.34 2.57 0.00	45.65 2.22 0.00	43.38 2.18 0.00	32.85 1.62 0.00

PIERCEFIELD___HYD 23852	28.17 0.06 0.00	34.46 0.32 0.00	37.60 0.25 -1.71	24.50 0.10 0.00	23.64 0.12 0.00	31.93 0.32 0.00	80.41 0.92 -1.11	102.51 1.40 -11.40	90.30 0.89 -1.71	28.00 0.16 0.00	29.75 0.30 0.00	28.67 0.13 0.00	28.31 0.09 0.00	30.22 0.19 0.00	31.46 0.56 0.00	30.74 0.59 0.00	43.43 0.91 0.00	55.10 0.90 0.00	102.73 1.36 0.00	57.49 0.88 0.00	41.67 0.90 0.00	44.58 1.15 0.00	42.05 0.86 0.00	31.85 0.62 0.00
PINELAWN_CC_1 323563	30.11 2.00 0.00	36.16 2.02 0.00	37.59 1.95 0.00	25.77 1.38 0.00	24.67 1.14 0.00	32.62 1.26 0.24	80.92 3.21 0.67	88.33 4.78 6.15	74.26 5.63 19.08	27.74 1.92 2.02	37.49 2.02 -6.02	-1.03 2.15 31.72	14.30 2.08 16.01	37.23 2.25 -4.96	39.08 2.00 -6.18	34.61 1.83 -2.63	34.57 1.57 9.54	60.48 2.65 -3.63	93.69 4.58 12.26	56.75 2.03 1.89	41.32 1.85 1.30	44.15 2.20 1.47	42.19 2.18 1.19	32.73 1.50 0.00
PJM_GEN_HTTP_PROXY 323702	30.14 2.03 0.00	36.30 2.15 0.00	37.76 2.12 0.00	25.86 1.46 0.00	24.87 1.33 0.00	33.33 1.73 0.00	82.70 4.33 0.00	93.83 5.78 1.65	94.22 6.52 0.00	30.03 2.20 0.00	40.32 2.33 -8.55	88.06 2.32 -57.20	68.20 2.13 -37.85	48.05 2.31 -15.71	41.06 2.10 -8.06	38.50 2.10 -6.25	45.22 2.34 -0.36	63.79 3.40 -6.20	111.54 6.81 -3.35	59.99 3.38 0.00	43.12 2.35 0.00	45.90 2.47 0.00	43.65 2.45 0.00	32.99 1.75 0.00
PJM_GEN_KEystone 24065	28.18 0.87 0.80	34.05 0.80 0.89	35.47 0.79 0.96	24.06 0.47 0.81	23.01 0.33 0.86	20.12 0.53 12.02	77.68 0.84 1.53	83.94 0.50 6.26	87.47 1.72 1.95	27.87 0.72 0.68	34.75 0.89 -4.42	50.78 0.94 -21.31	42.12 1.10 -12.80	36.36 1.25 -5.08	34.00 0.95 -2.16	31.99 0.74 -1.10	43.00 0.34 -0.13	57.02 0.63 -2.19	103.39 0.83 -1.19	56.95 0.34 0.00	40.96 0.19 0.00	43.69 0.27 0.00	41.79 0.59 0.00	31.74 0.50 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.89 1.78 0.00	35.94 1.79 0.00	37.36 1.72 0.00	25.62 1.22 0.00	24.55 1.02 0.00	32.72 1.11 0.00	81.10 2.73 0.01	90.60 4.22 3.33	71.94 5.18 20.94	27.03 1.78 2.59	36.76 1.89 -5.42	-1.98 2.04 32.56	11.34 2.01 18.89	32.97 2.17 -0.77	35.86 1.92 -3.04	31.86 1.90 0.19	32.42 1.75 11.85	59.88 2.87 -2.82	94.63 5.47 12.21	59.12 2.50 -0.01	42.65 1.88 0.00	45.34 1.92 0.00	43.11 1.91 0.00	32.56 1.33 0.00
PJM_GEN_VFT_PROXY 323633	30.09 1.97 0.00	36.23 2.09 0.00	37.69 2.05 0.00	25.80 1.41 0.00	24.81 1.28 0.00	33.27 1.66 0.00	82.61 4.24 0.00	93.64 5.58 1.65	94.05 6.35 0.00	29.98 2.15 0.00	40.26 2.27 -8.54	92.35 2.27 -61.55	71.42 2.09 -41.11	49.35 2.26 -17.07	41.71 2.06 -8.75	39.00 2.06 -6.79	45.17 2.26 -0.39	64.25 3.32 -6.74	111.73 6.72 -3.64	59.88 3.27 0.00	43.02 2.25 0.00	45.80 2.38 0.00	43.57 2.37 0.00	32.92 1.69 0.00
PLATSBRG_115KV_PMLD1 355749	26.37 -1.74 0.00	-13.93 -1.50 46.57	-24.33 -1.64 58.32	-24.03 -1.14 47.28	-23.97 -1.00 46.51	-24.05 -1.30 54.36	-24.40 -2.78 100.00	-25.14 -3.26 111.58	15.19 -3.51 69.00	27.35 -0.48 0.00	29.94 0.49 0.00	28.57 0.03 0.00	28.41 0.18 0.00	30.46 0.43 0.00	31.58 0.69 0.00	30.52 0.37 0.00	42.73 0.20 0.00	54.01 -0.18 0.00	100.70 -0.67 0.00	55.89 -0.72 0.00	40.21 -0.56 0.00	43.13 -0.30 0.00	41.78 0.59 0.00	31.79 0.56 0.00
PLEASANTVLY___LBMP 24000	29.56 1.45 0.00	35.66 1.51 0.00	37.14 1.50 0.00	25.45 1.05 0.00	24.50 0.97 0.00	32.78 1.18 0.00	81.32 2.95 0.00	92.09 3.91 1.53	92.27 4.57 0.00	29.33 1.49 0.00	29.38 1.53 1.60	23.72 1.56 6.37	25.78 1.41 3.85	29.96 1.53 1.60	31.39 1.32 0.82	30.88 1.36 0.63	43.92 1.42 0.04	55.81 2.18 0.57	105.80 4.73 0.31	58.90 2.30 0.00	42.41 1.64 0.00	45.17 1.75 0.00	42.95 1.76 0.00	32.41 1.18 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.92 1.81 0.00	36.08 1.93 0.00	37.56 1.92 0.00	25.71 1.31 0.00	24.74 1.21 0.00	33.14 1.53 0.00	82.25 3.87 0.00	93.16 5.07 1.62	93.53 5.83 0.00	29.76 1.93 0.00	39.69 2.01 -8.23	5.53 2.02 25.03	6.71 1.86 23.36	22.33 2.01 9.70	27.72 1.80 4.97	28.12 1.83 3.86	44.34 2.03 0.22	53.32 2.96 3.84	105.40 6.10 2.07	59.64 3.03 0.00	42.91 2.14 0.00	45.67 2.24 0.00	43.44 2.24 0.00	32.79 1.56 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.92 1.81 0.00	36.08 1.93 0.00	37.56 1.92 0.00	25.71 1.31 0.00	24.74 1.21 0.00	33.14 1.53 0.00	82.25 3.87 0.00	93.16 5.07 1.62	93.53 5.83 0.00	29.76 1.93 0.00	39.69 2.01 -8.23	5.53 2.02 25.03	6.71 1.86 23.36	22.33 2.01 9.70	27.72 1.80 4.97	28.12 1.83 3.86	44.34 2.03 0.22	53.32 2.96 3.84	105.40 6.10 2.07	59.64 3.03 0.00	42.91 2.14 0.00	45.67 2.24 0.00	43.44 2.24 0.00	32.79 1.56 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.23 2.11 0.00	36.44 2.29 0.00	37.93 2.28 0.00	25.98 1.59 0.00	25.02 1.49 0.00	33.56 1.95 0.00	83.41 5.04 0.00	94.52 6.43 1.62	94.68 6.98 0.00	29.99 2.15 0.00	33.22 2.18 -1.59	33.25 2.12 -2.60	31.22 1.96 -1.04	32.57 2.11 -0.43	33.06 1.94 -0.22	32.33 2.03 -0.14	45.05 2.52 0.00	57.13 2.94 0.00	107.19 5.82 0.00	59.53 2.92 0.00	42.75 1.98 0.00	45.54 2.11 0.00	43.25 2.05 0.00	32.62 1.39 0.00
POLETTI____ 23519	30.07 1.95 0.00	36.17 2.02 0.00	37.63 1.99 0.00	25.78 1.39 0.00	24.79 1.26 0.00	33.23 1.62 0.00	82.49 4.12 0.00	93.56 5.51 1.65	94.06 6.35 0.00	29.96 2.12 0.00	40.15 2.16 -8.54	92.22 2.14 -61.55	72.41 1.75 -42.44	50.25 1.94 -18.28	41.76 1.76 -9.10	38.87 1.80 -6.92	44.78 1.86 -0.40	63.86 2.78 -6.88	111.02 5.75 -3.90	59.73 3.11 0.00	42.86 2.09 0.00	45.58 2.15 0.00	43.35 2.15 0.00	32.68 1.45 0.00
POMONA___ESR 323819	29.92 1.81 0.00	36.07 1.93 0.00	37.55 1.91 0.00	25.71 1.31 0.00	24.72 1.19 0.00	33.17 1.56 0.00	82.42 4.04 0.00	93.31 5.34 1.74	93.72 6.02 0.00	29.79 1.95 0.00	39.46 2.06 -7.96	65.78 2.07 -35.17	51.90 1.94 -21.74	41.14 2.09 -9.03	37.41 1.89 -4.63	35.61 1.88 -3.59	44.82 2.08 -0.20	60.86 3.13 -3.53	109.68 6.40 -1.91	59.71 3.10 0.00	42.90 2.13 0.00	45.69 2.27 0.00	43.46 2.26 0.00	32.78 1.55 0.00
PORT_JEFF_3 23555	29.96 1.84 0.00	35.97 1.82 0.00	37.37 1.73 0.00	25.67 1.27 0.00	24.50 0.97 0.00	31.15 0.96 1.41	76.84 2.29 3.82	71.44 3.26 21.53	56.42 3.97 35.26	26.97 1.54 2.40	34.87 1.69 -3.73	-1.85 1.89 32.28	12.11 1.82 17.92	34.17 1.97 -2.17	36.67 1.68 -4.09	32.59 1.69 -0.75	31.62 1.50 12.40	50.30 2.48 6.37	76.04 4.19 29.53	47.42 1.76 10.95	34.77 1.51 7.52	36.47 1.56 8.52	36.03 1.70 6.87	32.36 1.13 0.00
PORT_JEFF_4 23616	29.96 1.84 0.00	35.97 1.82 0.00	37.37 1.73 0.00	25.67 1.27 0.00	24.50 0.97 0.00	31.15 0.96 1.41	76.84 2.29 3.82	71.44 3.26 21.53	56.42 3.97 35.26	26.97 1.54 2.40	34.87 1.69 -3.73	-1.85 1.89 32.28	12.11 1.82 17.92	34.17 1.97 -2.17	36.67 1.68 -4.09	32.59 1.69 -0.75	31.62 1.50 12.40	50.30 2.48 6.37	76.04 4.19 29.53	47.42 1.76 10.95	34.77 1.51 7.52	36.47 1.56 8.52	36.03 1.70 6.87	32.36 1.13 0.00

PORT_JEFF_IC 23713	30.00 1.88 0.00	36.00 1.86 0.00	37.40 1.76 0.00	25.69 1.29 0.00	24.53 1.00 0.00	30.85 1.01 1.77	71.00 2.41 9.79	70.13 3.53 23.11	54.45 4.24 37.49	27.04 1.59 2.38	34.84 1.75 -3.64	-1.78 1.94 32.26	18.87 1.83 11.18	43.45 1.98 -11.44	43.48 1.68 -10.91	37.79 1.70 -5.94	35.65 1.54 8.42	56.30 2.58 0.48	81.75 4.31 23.93	49.47 1.85 9.00	36.25 1.65 6.18	38.11 1.69 7.00	37.35 1.79 5.64	32.41 1.18 0.00
PPL PILGRIM_ST_GT1 24216	30.23 2.12 0.00	36.30 2.15 0.00	37.73 2.09 0.00	25.88 1.48 0.00	24.76 1.23 0.00	31.72 1.34 1.23	78.43 3.40 3.34	75.23 4.81 19.28	60.67 5.62 32.65	27.58 2.05 2.30	37.16 2.12 -5.59	-1.35 2.26 32.14	12.96 2.19 17.45	35.26 2.36 -2.87	37.63 2.12 -4.61	33.51 2.13 -1.22	32.81 2.08 11.80	52.82 3.31 4.69	80.31 5.55 26.60	49.68 2.64 9.57	36.45 2.25 6.57	38.22 2.25 7.45	37.43 2.24 6.00	32.81 1.58 0.00
PPL PILGRIM_ST_GT2 24217	30.23 2.12 0.00	36.30 2.15 0.00	37.73 2.09 0.00	25.88 1.48 0.00	24.76 1.23 0.00	31.72 1.34 1.23	78.43 3.40 3.34	75.23 4.81 19.28	60.67 5.62 32.65	27.58 2.05 2.30	37.16 2.12 -5.59	-1.35 2.26 32.14	12.96 2.19 17.45	35.26 2.36 -2.87	37.63 2.12 -4.61	33.51 2.13 -1.22	32.81 2.08 11.80	52.82 3.31 4.69	80.31 5.55 26.60	49.68 2.64 9.57	36.45 2.25 6.57	38.22 2.25 7.45	37.43 2.24 6.00	32.81 1.58 0.00
PPL_SHRM_GT3 24213	29.92 1.81 0.00	35.91 1.76 0.00	37.30 1.66 0.00	25.65 1.25 0.00	24.39 0.86 0.00	25.30 0.76 7.07	14.54 1.79 65.62	27.88 2.94 64.77	10.83 3.75 80.62	26.82 1.38 2.40	-9.12 1.37 39.94	-50.83 1.62 80.99	-14.72 1.47 44.41	-2.55 1.63 34.21	9.62 1.37 22.65	11.98 1.39 19.55	16.74 1.12 26.91	34.34 2.14 21.99	38.49 3.85 66.73	11.89 1.61 46.33	30.55 1.41 11.63	-2.72 1.29 47.44	3.74 1.42 38.88	31.18 0.91 0.96
PPL_SHRM_GT4 24214	29.92 1.81 0.00	35.91 1.76 0.00	37.30 1.66 0.00	25.65 1.25 0.00	24.39 0.86 0.00	25.30 0.76 7.07	14.54 1.79 65.62	27.88 2.94 64.77	10.83 3.75 80.62	26.82 1.38 2.40	-9.12 1.37 39.94	-50.83 1.62 80.99	-14.72 1.47 44.41	-2.55 1.63 34.21	9.62 1.37 22.65	11.98 1.39 19.55	16.74 1.12 26.91	34.34 2.14 21.99	38.49 3.85 66.73	11.89 1.61 46.33	30.55 1.41 11.63	-2.72 1.29 47.44	3.74 1.42 38.88	31.18 0.91 0.96
PROJECT___ORANGE 1 24174	27.87 -0.24 0.00	33.72 -0.43 0.00	35.21 -0.43 0.00	24.09 -0.30 0.00	23.23 -0.30 0.00	31.26 -0.35 0.00	77.52 -0.85 0.00	81.35 -1.41 6.95	86.74 -0.96 0.00	27.48 -0.36 0.00	29.21 -0.42 -0.18	28.30 -0.37 -0.14	27.98 -0.24 0.00	29.93 -0.09 0.00	30.76 -0.14 0.00	29.95 -0.20 0.00	42.03 -0.50 0.00	53.56 -0.64 0.00	100.01 -1.36 0.00	55.88 -0.74 0.00	40.25 -0.52 0.00	42.85 -0.58 0.00	40.63 -0.57 0.00	30.82 -0.41 0.00
PROJECT___ORANGE 2 24166	27.87 -0.24 0.00	33.72 -0.43 0.00	35.21 -0.43 0.00	24.09 -0.30 0.00	23.23 -0.30 0.00	31.26 -0.35 0.00	77.52 -0.85 0.00	81.35 -1.41 6.95	86.74 -0.96 0.00	27.48 -0.36 0.00	29.21 -0.42 -0.18	28.30 -0.37 -0.14	27.98 -0.24 0.00	29.93 -0.09 0.00	30.76 -0.14 0.00	29.95 -0.20 0.00	42.03 -0.50 0.00	53.56 -0.64 0.00	100.01 -1.36 0.00	55.88 -0.74 0.00	40.25 -0.52 0.00	42.85 -0.58 0.00	40.63 -0.57 0.00	30.82 -0.41 0.00
PUCKETT___SOLAR 323809	28.89 0.53 -0.24	34.94 0.53 -0.26	36.52 0.59 -0.28	25.04 0.40 -0.24	24.16 0.37 -0.25	35.80 0.65 -3.54	80.52 1.68 -0.47	86.33 1.63 5.02	90.46 2.06 -0.70	28.39 0.31 -0.24	30.30 0.24 -0.62	31.48 0.17 -2.77	30.31 0.16 -1.94	31.27 0.38 -0.87	32.00 0.53 -0.57	31.38 0.61 -0.61	43.09 0.55 -0.02	55.27 0.81 -0.27	102.69 1.18 -0.14	57.50 0.89 0.00	41.42 0.64 0.00	43.93 0.50 0.00	41.84 0.64 0.00	31.76 0.52 0.00
PYRITES___HYD 24023	28.68 0.57 0.00	35.09 0.95 0.00	38.05 0.90 -1.51	24.96 0.56 0.00	24.09 0.56 0.00	32.55 0.94 0.00	81.88 2.52 -0.98	102.82 3.06 -10.06	91.40 2.19 -1.51	28.15 0.32 0.00	29.82 0.37 0.00	28.81 0.27 0.00	28.46 0.24 0.00	30.34 0.31 0.00	31.76 0.86 0.00	31.11 0.96 0.00	44.23 1.71 0.00	56.19 1.99 0.00	104.78 3.41 0.00	58.70 2.09 0.00	42.43 1.66 0.00	45.27 1.85 0.00	42.70 1.50 0.00	32.34 1.11 0.00
QUAKERRD_115KV_BK1 80622	27.44 -0.67 0.00	33.14 -1.01 0.00	34.56 -1.08 0.00	23.57 -0.83 0.00	22.68 -0.85 0.00	30.63 -0.98 0.00	75.45 -2.92 0.00	78.39 -4.45 6.87	84.24 -3.46 0.00	26.90 -0.93 0.00	28.79 -0.87 -0.21	27.94 -0.75 -0.16	27.92 -0.31 0.00	29.77 -0.25 0.00	30.38 -0.52 0.00	29.40 -0.75 0.00	41.30 -1.23 0.00	52.40 -1.80 0.00	97.52 -3.85 0.00	54.69 -1.93 0.00	39.34 -1.43 0.00	41.97 -1.46 0.00	39.86 -1.33 0.00	30.38 -0.85 0.00
QUENSBRY_115KV_TB8 356137	29.57 1.46 0.00	35.72 1.57 0.00	37.22 1.58 0.00	25.54 1.15 0.00	24.69 1.16 0.00	33.09 1.48 0.00	82.64 4.27 0.00	93.73 5.32 1.29	93.03 5.33 0.00	28.97 1.13 0.00	29.82 0.93 0.56	27.00 0.90 2.44	27.44 0.72 1.50	30.23 0.83 0.62	31.22 0.64 0.32	30.82 0.92 0.25	44.15 1.64 0.01	56.73 2.77 0.24	107.68 6.43 0.13	59.97 3.35 0.00	43.14 2.37 0.00	45.64 2.22 0.00	43.28 2.08 0.00	32.51 1.28 0.00
RAMAPO___LBMP 323565	29.83 1.72 0.00	35.95 1.80 0.00	37.43 1.79 0.00	25.62 1.22 0.00	24.63 1.10 0.00	33.05 1.44 0.00	82.15 3.77 0.00	92.93 4.99 1.76	93.34 5.64 0.00	29.66 1.83 0.00	39.11 1.91 -7.75	65.29 1.93 -34.82	51.62 1.80 -21.59	40.93 1.94 -8.97	37.22 1.73 -4.60	35.44 1.72 -3.56	44.61 1.88 -0.20	60.57 2.87 -3.50	109.20 5.93 -1.89	59.46 2.85 0.00	42.72 1.95 0.00	45.51 2.08 0.00	43.30 2.10 0.00	32.66 1.43 0.00
RANKINE____ 23646	28.14 0.03 0.00	33.84 -0.30 0.00	35.31 -0.33 0.00	23.93 -0.47 0.00	22.86 -0.67 0.00	31.00 -0.61 0.00	75.21 -3.17 0.00	75.93 -6.75 7.03	83.18 -4.52 0.00	27.14 -0.69 0.00	29.48 -0.26 -0.29	28.53 -0.23 -0.22	28.84 0.62 0.00	30.57 0.54 0.00	31.00 0.10 0.00	29.75 -0.40 0.00	41.37 -1.16 0.00	52.06 -2.14 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.99 -1.78 0.00	41.81 -1.61 0.00	40.14 -1.06 0.00	30.91 -0.32 0.00
RAVENSWOOD_GT2_1 24244	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.47 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.77 4.39 0.00	93.87 5.81 1.65	94.27 6.57 0.00	30.05 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.38 2.13 -44.03	50.61 2.30 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.82 3.40 -7.22	112.10 6.83 -3.90	60.04 3.43 0.00	43.15 2.38 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.03 1.80 0.00
RAVENSWOOD_GT2_2 24245	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.47 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.77 4.39 0.00	93.87 5.81 1.65	94.27 6.57 0.00	30.05 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.38 2.13 -44.03	50.61 2.30 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.82 3.40 -7.22	112.10 6.83 -3.90	60.04 3.43 0.00	43.15 2.38 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.03 1.80 0.00

RAVENSWOOD_GT2_3 24246	30.17 2.06 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.89 1.36 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.83 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.34 2.36 -8.54	96.35 2.35 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.39 2.11 -9.37	39.55 2.13 -7.27	45.33 2.39 -0.41	64.85 3.43 -7.22	112.16 6.89 -3.90	60.06 3.44 0.00	43.17 2.40 0.00	45.97 2.54 0.00	43.74 2.54 0.00	33.05 1.82 0.00
RAVENSWOOD_GT2_4 24247	30.17 2.06 0.00	36.33 2.18 0.00	37.79 2.15 0.00	25.88 1.48 0.00	24.89 1.36 0.00	33.37 1.76 0.00	82.79 4.42 0.00	93.89 5.83 1.65	94.31 6.61 0.00	30.07 2.23 0.00	40.34 2.36 -8.54	96.35 2.35 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.39 2.11 -9.37	39.55 2.13 -7.27	45.33 2.39 -0.41	64.85 3.43 -7.22	112.16 6.89 -3.90	60.06 3.44 0.00	43.17 2.40 0.00	45.97 2.54 0.00	43.74 2.54 0.00	33.05 1.82 0.00
RAVENSWOOD_GT3_1 24248	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.47 0.00	24.87 1.34 0.00	33.36 1.75 0.00	82.77 4.39 0.00	93.87 5.81 1.65	94.28 6.57 0.00	30.06 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.38 2.13 -44.03	50.61 2.30 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.82 3.41 -7.22	112.11 6.84 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.03 1.80 0.00
RAVENSWOOD_GT3_2 24249	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.47 0.00	24.87 1.34 0.00	33.36 1.75 0.00	82.77 4.39 0.00	93.87 5.81 1.65	94.28 6.57 0.00	30.06 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.38 2.13 -44.03	50.61 2.30 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.82 3.41 -7.22	112.11 6.84 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.03 1.80 0.00
RAVENSWOOD_GT3_3 24250	30.20 2.09 0.00	36.36 2.21 0.00	37.82 2.18 0.00	25.90 1.50 0.00	24.90 1.37 0.00	33.40 1.79 0.00	82.87 4.50 0.00	93.99 5.93 1.65	94.42 6.72 0.00	30.10 2.27 0.00	40.38 2.39 -8.54	96.39 2.39 -65.47	74.43 2.18 -44.03	50.67 2.36 -18.28	42.43 2.16 -9.37	39.59 2.17 -7.27	45.38 2.44 -0.41	64.92 3.50 -7.22	112.30 7.03 -3.90	60.13 3.52 0.00	43.22 2.45 0.00	46.01 2.59 0.00	43.78 2.58 0.00	33.08 1.85 0.00
RAVENSWOOD_GT3_4 24251	30.20 2.09 0.00	36.36 2.21 0.00	37.82 2.18 0.00	25.90 1.50 0.00	24.90 1.37 0.00	33.40 1.79 0.00	82.87 4.50 0.00	93.99 5.93 1.65	94.42 6.72 0.00	30.10 2.27 0.00	40.38 2.39 -8.54	96.39 2.39 -65.47	74.43 2.18 -44.03	50.67 2.36 -18.28	42.43 2.16 -9.37	39.59 2.17 -7.27	45.38 2.44 -0.41	64.92 3.50 -7.22	112.30 7.03 -3.90	60.13 3.52 0.00	43.22 2.45 0.00	46.01 2.59 0.00	43.78 2.58 0.00	33.08 1.85 0.00
RAVENSWOOD_GT_1 23729	30.26 2.15 0.00	36.42 2.28 0.00	37.89 2.25 0.00	25.95 1.55 0.00	24.95 1.42 0.00	33.46 1.85 0.00	82.99 4.62 0.00	94.05 6.00 1.65	94.53 6.83 0.00	30.18 2.34 0.00	40.44 2.45 -8.54	96.45 2.45 -65.47	74.40 2.14 -44.03	50.62 2.31 -18.28	42.41 2.14 -9.37	39.58 2.16 -7.27	45.36 2.42 -0.41	64.88 3.47 -7.22	112.18 6.91 -3.90	60.18 3.57 0.00	43.26 2.49 0.00	46.05 2.63 0.00	43.84 2.64 0.00	33.14 1.91 0.00
RAVENSWOOD_GT_10 24258	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.86 1.46 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.77 4.40 0.00	93.87 5.81 1.65	94.27 6.57 0.00	30.05 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.83 3.41 -7.22	112.13 6.86 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.95 2.52 0.00	43.71 2.51 0.00	33.03 1.80 0.00
RAVENSWOOD_GT_11 24259	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.86 1.46 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.77 4.40 0.00	93.87 5.81 1.65	94.27 6.57 0.00	30.05 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.83 3.41 -7.22	112.13 6.86 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.95 2.52 0.00	43.71 2.51 0.00	33.03 1.80 0.00
RAVENSWOOD_GT_4 24252	30.17 2.05 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.77 4.40 0.00	93.82 5.76 1.65	94.27 6.57 0.00	30.07 2.23 0.00	40.34 2.35 -8.54	96.35 2.35 -65.47	74.36 2.11 -44.03	50.58 2.27 -18.28	42.35 2.07 -9.37	39.52 2.10 -7.27	45.28 2.34 -0.41	64.78 3.37 -7.22	112.02 6.75 -3.90	60.02 3.41 0.00	43.14 2.37 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.04 1.81 0.00
RAVENSWOOD_GT_5 24254	30.17 2.05 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.77 4.40 0.00	93.82 5.76 1.65	94.27 6.57 0.00	30.07 2.23 0.00	40.34 2.35 -8.54	96.35 2.35 -65.47	74.36 2.11 -44.03	50.58 2.27 -18.28	42.35 2.07 -9.37	39.52 2.10 -7.27	45.28 2.34 -0.41	64.78 3.37 -7.22	112.02 6.75 -3.90	60.02 3.41 0.00	43.14 2.37 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.04 1.81 0.00
RAVENSWOOD_GT_6 24253	30.17 2.05 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.77 4.40 0.00	93.82 5.76 1.65	94.27 6.57 0.00	30.07 2.23 0.00	40.34 2.35 -8.54	96.35 2.35 -65.47	74.36 2.11 -44.03	50.58 2.27 -18.28	42.35 2.07 -9.37	39.52 2.10 -7.27	45.28 2.34 -0.41	64.78 3.37 -7.22	112.02 6.75 -3.90	60.02 3.41 0.00	43.14 2.37 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.04 1.81 0.00
RAVENSWOOD_GT_7 24255	30.17 2.05 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.87 1.48 0.00	24.88 1.35 0.00	33.37 1.76 0.00	82.77 4.40 0.00	93.82 5.76 1.65	94.27 6.57 0.00	30.07 2.23 0.00	40.34 2.35 -8.54	96.35 2.35 -65.47	74.36 2.11 -44.03	50.58 2.27 -18.28	42.35 2.07 -9.37	39.52 2.10 -7.27	45.28 2.34 -0.41	64.78 3.37 -7.22	112.02 6.75 -3.90	60.02 3.41 0.00	43.14 2.37 0.00	45.94 2.51 0.00	43.71 2.51 0.00	33.04 1.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.86 1.46 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.77 4.40 0.00	93.87 5.81 1.65	94.27 6.57 0.00	30.05 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.83 3.41 -7.22	112.13 6.86 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.95 2.52 0.00	43.71 2.51 0.00	33.03 1.80 0.00
RAVENSWOOD_GT_9 24257	30.16 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.86 1.46 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.77 4.40 0.00	93.87 5.81 1.65	94.27 6.57 0.00	30.05 2.22 0.00	40.32 2.33 -8.54	96.34 2.33 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.37 2.10 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.83 3.41 -7.22	112.13 6.86 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.95 2.52 0.00	43.71 2.51 0.00	33.03 1.80 0.00

RAVENSWOOD___1 23533	30.20 2.09 0.00	36.36 2.21 0.00	37.82 2.17 0.00	25.90 1.51 0.00	24.91 1.38 0.00	33.40 1.79 0.00	82.83 4.46 0.00	93.86 5.81 1.65	94.33 6.63 0.00	30.11 2.28 0.00	40.39 2.40 -8.54	96.39 2.38 -65.47	74.32 2.08 -44.03	50.54 2.23 -18.28	42.34 2.07 -9.37	39.52 2.10 -7.27	45.30 2.36 -0.41	64.77 3.35 -7.22	111.94 6.67 -3.90	60.06 3.45 0.00	43.17 2.40 0.00	45.96 2.53 0.00	43.76 2.56 0.00	33.08 1.85 0.00
RAVENSWOOD___2 23534	30.16 2.04 0.00	36.30 2.15 0.00	37.75 2.11 0.00	25.88 1.48 0.00	24.87 1.34 0.00	33.35 1.74 0.00	82.53 4.16 0.00	93.33 5.27 1.65	93.81 6.11 0.00	30.05 2.21 0.00	40.33 2.34 -8.54	96.34 2.34 -65.47	74.21 1.96 -44.03	50.33 2.02 -18.28	42.16 1.88 -9.37	39.43 2.01 -7.27	45.13 2.19 -0.41	64.46 3.05 -7.22	111.38 6.10 -3.90	59.77 3.16 0.00	42.95 2.18 0.00	45.72 2.29 0.00	43.53 2.34 0.00	33.02 1.79 0.00
RAVENSWOOD___3 23535	30.15 2.04 0.00	36.32 2.17 0.00	37.78 2.14 0.00	25.88 1.48 0.00	24.88 1.35 0.00	33.35 1.74 0.00	82.77 4.40 0.00	93.86 5.81 1.65	94.28 6.58 0.00	30.05 2.22 0.00	40.33 2.34 -8.54	96.34 2.33 -65.47	74.39 2.14 -44.03	50.62 2.31 -18.28	42.38 2.11 -9.37	39.53 2.11 -7.27	45.30 2.36 -0.41	64.83 3.41 -7.22	112.11 6.84 -3.90	60.04 3.43 0.00	43.16 2.38 0.00	45.94 2.51 0.00	43.72 2.52 0.00	33.03 1.80 0.00
RAVENSWOOD___4 23820	30.20 2.09 0.00	36.36 2.21 0.00	37.82 2.17 0.00	25.90 1.51 0.00	24.91 1.38 0.00	33.40 1.79 0.00	82.83 4.46 0.00	93.86 5.81 1.65	94.33 6.63 0.00	30.11 2.28 0.00	40.39 2.40 -8.54	96.39 2.38 -65.47	74.32 2.08 -44.03	50.54 2.23 -18.28	42.34 2.07 -9.37	39.52 2.10 -7.27	45.30 2.36 -0.41	64.77 3.35 -7.22	111.94 6.67 -3.90	60.06 3.45 0.00	43.17 2.40 0.00	45.96 2.53 0.00	43.76 2.56 0.00	33.08 1.85 0.00
RCPL_TRUST___DRP 24196	30.16 2.05 0.00	36.32 2.18 0.00	37.78 2.14 0.00	25.87 1.47 0.00	24.88 1.35 0.00	33.36 1.75 0.00	82.77 4.40 0.00	93.91 5.86 1.65	94.32 6.62 0.00	30.07 2.23 0.00	40.35 2.36 -8.55	88.09 2.36 -57.20	68.24 2.17 -37.85	48.09 2.34 -15.71	41.09 2.13 -8.06	38.54 2.14 -6.25	45.28 2.40 -0.36	63.85 3.45 -6.20	111.65 6.93 -3.35	60.06 3.44 0.00	43.16 2.39 0.00	45.93 2.51 0.00	43.69 2.49 0.00	33.01 1.78 0.00
RED___ROCHESTER 323720	27.94 0.15 0.33	33.73 -0.04 0.37	35.17 -0.07 0.40	23.88 -0.17 0.34	22.93 -0.24 0.36	26.50 -0.10 5.00	76.80 -0.92 0.65	79.23 -2.36 8.11	85.57 -1.18 0.94	27.37 -0.13 0.33	29.67 0.01 -0.21	28.74 0.10 -0.10	28.55 0.67 0.34	30.54 0.75 0.24	31.03 0.43 0.30	29.81 0.13 0.47	42.44 -0.08 0.00	53.76 -0.44 0.00	99.94 -1.43 0.00	56.24 -0.37 0.00	40.47 -0.31 0.00	43.12 -0.31 0.00	40.97 -0.23 0.00	31.25 0.02 0.00
REGAN___SOLAR 323812	29.01 0.89 0.00	35.13 0.98 0.00	36.71 1.07 0.00	25.11 0.72 0.00	24.26 0.73 0.00	32.70 1.09 0.00	81.70 3.32 0.00	92.22 4.10 1.59	91.25 3.55 0.00	28.18 0.35 0.00	28.96 -0.14 0.35	26.80 -0.20 1.54	26.99 -0.28 0.95	29.41 -0.22 0.39	30.47 -0.23 0.20	30.19 0.20 0.16	43.94 1.42 0.01	56.86 2.66 0.00	106.45 5.08 0.00	59.37 2.76 0.00	42.81 2.03 0.00	45.43 2.01 0.00	42.84 1.64 0.00	32.47 1.24 0.00
RENSSELAER___COGEN 23796	28.79 0.68 0.00	34.90 0.75 0.00	36.33 0.69 0.00	24.92 0.52 0.00	23.98 0.45 0.00	32.04 0.44 0.00	79.50 1.13 0.00	89.52 1.12 1.31	89.37 1.66 0.00	28.28 0.45 0.00	29.25 0.41 0.61	26.32 0.46 2.67	26.90 0.33 1.65	29.72 0.38 0.69	30.75 0.21 0.35	30.09 0.21 0.27	42.60 0.09 0.02	54.22 0.28 0.26	102.41 1.17 0.14	57.00 0.39 0.00	41.06 0.29 0.00	43.77 0.34 0.00	41.58 0.38 0.00	31.46 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.02 2.90 0.00	37.30 3.15 0.00	38.80 3.15 0.00	26.75 2.36 0.00	25.98 2.45 0.00	34.98 3.37 0.00	87.52 9.15 0.00	99.80 11.39 1.29	99.09 11.39 0.00	30.38 2.55 0.00	31.07 2.18 0.56	28.09 2.00 2.44	28.38 1.66 1.51	31.39 1.99 0.63	32.29 1.71 0.32	32.21 2.31 0.25	46.48 3.96 0.01	60.03 6.07 0.24	114.87 13.63 0.13	64.10 7.49 0.00	46.12 5.34 0.00	48.35 4.93 0.00	45.82 4.62 0.00	34.16 2.93 0.00
REVERE_CPPR_DRP 24186	28.87 0.75 0.00	35.07 0.92 0.00	36.59 0.95 0.00	25.06 0.66 0.00	24.17 0.63 0.00	32.71 1.11 0.00	81.61 3.24 0.00	90.96 4.11 2.85	91.75 4.04 0.00	28.69 0.85 0.00	29.97 0.52 0.00	28.96 0.43 0.00	28.63 0.41 0.00	30.78 0.75 0.00	31.91 1.01 0.00	31.38 1.23 0.00	44.11 1.58 0.00	56.54 2.34 0.00	105.35 3.98 0.00	58.79 2.18 0.00	42.37 1.59 0.00	45.08 1.66 0.00	42.45 1.26 0.00	32.05 0.82 0.00
REYNLDPA_13_KV_LD 356490	28.05 -0.06 0.00	-12.34 0.09 46.57	-12.30 0.05 47.99	-22.85 0.04 47.28	-22.89 0.08 46.51	-22.57 0.18 54.36	-14.38 0.48 93.24	47.71 0.57 42.57	29.27 0.19 58.62	28.05 0.21 0.00	29.74 0.29 0.00	28.81 0.27 0.00	28.46 0.24 0.00	30.20 0.17 0.00	31.21 0.31 0.00	30.42 0.28 0.00	43.24 0.71 0.00	54.94 0.75 0.00	102.47 1.10 0.00	57.37 0.76 0.00	41.27 0.50 0.00	43.97 0.54 0.00	41.69 0.49 0.00	31.67 0.43 0.00
REYNOLDS_115KV_TB3 80639	29.03 0.91 0.00	35.17 1.03 0.00	36.60 0.97 0.00	25.09 0.69 0.00	24.17 0.64 0.00	32.33 0.72 0.00	80.28 1.91 0.00	90.52 2.13 1.31	90.37 2.67 0.00	28.58 0.75 0.00	29.53 0.72 0.63	26.53 0.74 2.75	27.14 0.61 1.69	30.01 0.69 0.70	31.03 0.50 0.36	30.39 0.52 0.28	43.04 0.53 0.02	54.75 0.82 0.27	103.42 2.20 0.14	57.56 0.95 0.00	41.47 0.70 0.00	44.19 0.77 0.00	41.98 0.78 0.00	31.74 0.51 0.00
RIVERBAY____ 323610	30.76 2.64 0.00	37.17 3.02 0.00	38.68 3.04 0.00	26.50 2.11 0.00	25.50 1.97 0.00	34.23 2.62 0.00	84.96 6.59 0.00	95.83 7.78 1.65	96.18 8.48 0.00	30.60 2.77 0.00	40.83 2.84 -8.54	92.92 2.83 -61.55	73.15 2.49 -42.44	50.99 2.69 -18.28	42.51 2.51 -9.10	39.59 2.52 -6.92	45.85 2.93 -0.40	65.16 4.09 -6.88	113.33 8.07 -3.90	60.97 4.35 0.00	43.78 3.01 0.00	46.65 3.22 0.00	44.46 3.27 0.00	33.58 2.35 0.00
RIVERSDE_115KV_TB3 55908	28.85 0.74 0.00	34.97 0.82 0.00	36.39 0.76 0.00	24.96 0.56 0.00	24.04 0.50 0.00	32.14 0.53 0.00	79.79 1.42 0.00	89.84 1.44 1.31	89.69 1.99 0.00	28.38 0.55 0.00	29.35 0.52 0.62	26.38 0.55 2.71	26.97 0.42 1.67	29.82 0.49 0.69	30.84 0.30 0.36	30.20 0.32 0.28	42.75 0.24 0.02	54.38 0.45 0.27	102.72 1.49 0.14	57.17 0.56 0.00	41.18 0.41 0.00	43.89 0.47 0.00	41.69 0.49 0.00	31.54 0.31 0.00
ROARING___BROOK_WT_PWR 323790	27.33 -0.78 0.00	33.38 -0.77 0.00	34.86 -0.78 0.00	23.84 -0.56 0.00	23.05 -0.48 0.00	31.18 -0.43 0.00	77.68 -0.70 0.00	89.57 -0.14 0.00	87.63 -0.07 0.00	27.81 -0.02 0.00	29.40 -0.05 0.00	28.50 -0.03 0.00	28.12 -0.10 0.00	29.91 -0.12 0.00	30.79 -0.10 0.00	30.05 -0.11 0.00	42.40 -0.13 0.00	54.10 -0.09 0.00	101.07 -0.31 0.00	56.49 -0.12 0.00	40.72 -0.05 0.00	43.35 -0.08 0.00	41.06 -0.14 0.00	31.14 -0.09 0.00

ROCHESRG_115KV_T4 355643	28.04 -0.08 0.00	33.82 -0.32 0.00	35.28 -0.36 0.00	24.04 -0.36 0.00	23.11 -0.43 0.00	31.23 -0.38 0.00	76.75 -1.62 0.00	79.37 -3.28 7.06	85.62 -2.09 0.00	27.42 -0.42 0.00	29.38 -0.28 -0.21	28.50 -0.20 -0.16	28.57 0.35 0.00	30.44 0.41 0.00	31.02 0.12 0.00	29.97 -0.18 0.00	42.02 -0.51 0.00	53.21 -0.99 0.00	98.90 -2.48 0.00	55.61 -1.01 0.00	40.01 -0.76 0.00	42.68 -0.74 0.00	40.60 -0.61 0.00	30.99 -0.25 0.00
ROCHESTER_9_IC 23652	28.17 0.06 0.00	33.98 -0.16 0.00	35.44 -0.20 0.00	24.14 -0.26 0.00	23.21 -0.32 0.00	31.38 -0.23 0.00	77.15 -1.23 0.00	79.91 -2.77 7.02	86.14 -1.56 0.00	27.57 -0.26 0.00	29.55 -0.11 -0.21	28.67 -0.03 -0.16	28.77 0.55 0.00	30.63 0.61 0.00	31.21 0.31 0.00	30.14 -0.01 0.00	42.27 -0.25 0.00	53.54 -0.66 0.00	99.51 -1.86 0.00	55.96 -0.65 0.00	40.26 -0.51 0.00	42.93 -0.49 0.00	40.81 -0.39 0.00	31.14 -0.09 0.00
ROCKVIEW_13_KV_LD 356306	30.12 2.01 0.00	36.27 2.12 0.00	37.73 2.09 0.00	25.83 1.43 0.00	24.85 1.32 0.00	33.30 1.68 0.00	82.66 4.29 0.00	93.77 5.72 1.65	94.17 6.47 0.00	29.97 2.14 0.00	40.24 2.25 -8.54	29.12 2.25 1.67	24.20 2.08 6.10	29.74 2.25 2.54	31.64 2.05 1.30	31.20 2.06 1.01	44.78 2.32 0.06	56.54 3.37 1.02	107.65 6.83 0.55	60.03 3.42 0.00	43.15 2.38 0.00	45.92 2.49 0.00	43.68 2.48 0.00	32.97 1.73 0.00
ROME____115KV_TB2 80656	28.87 0.75 0.00	35.07 0.92 0.00	36.59 0.95 0.00	25.06 0.66 0.00	24.17 0.63 0.00	32.71 1.11 0.00	81.61 3.24 0.00	90.96 4.11 2.85	91.75 4.04 0.00	28.69 0.85 0.00	29.97 0.52 0.00	28.96 0.43 0.00	28.63 0.41 0.00	30.78 0.75 0.00	31.91 1.01 0.00	31.38 1.23 0.00	44.11 1.58 0.00	56.54 2.34 0.00	105.35 3.98 0.00	58.79 2.18 0.00	42.37 1.59 0.00	45.08 1.66 0.00	42.45 1.26 0.00	32.05 0.82 0.00
ROSETON___1 23587	29.58 1.46 0.00	35.67 1.53 0.00	37.17 1.52 0.00	25.46 1.07 0.00	24.51 0.98 0.00	32.80 1.19 0.00	81.29 2.91 0.00	91.99 3.83 1.55	92.19 4.49 0.00	29.33 1.49 0.00	29.93 1.56 1.09	19.34 1.59 10.79	22.22 1.44 7.44	28.50 1.56 3.09	30.68 1.36 1.59	30.31 1.39 1.23	43.88 1.43 0.07	55.16 2.16 1.19	105.35 4.62 0.64	58.84 2.23 0.00	42.36 1.58 0.00	45.15 1.72 0.00	42.95 1.75 0.00	32.42 1.19 0.00
ROSETON___2 23588	29.58 1.46 0.00	35.67 1.53 0.00	37.17 1.52 0.00	25.46 1.07 0.00	24.51 0.98 0.00	32.80 1.19 0.00	81.29 2.91 0.00	91.99 3.83 1.55	92.19 4.49 0.00	29.33 1.49 0.00	29.93 1.56 1.09	19.34 1.59 10.79	22.22 1.44 7.44	28.50 1.56 3.09	30.68 1.36 1.59	30.31 1.39 1.23	43.88 1.43 0.07	55.16 2.16 1.19	105.35 4.62 0.64	58.84 2.23 0.00	42.36 1.58 0.00	45.15 1.72 0.00	42.95 1.75 0.00	32.42 1.19 0.00
ROTRDAM_115KV_TB3 80664	29.01 0.89 0.00	35.12 0.97 0.00	36.65 1.01 0.00	25.09 0.69 0.00	24.20 0.67 0.00	32.45 0.84 0.00	80.70 2.32 0.00	91.25 2.84 1.30	90.72 3.02 0.00	28.64 0.80 0.00	29.68 0.76 0.52	27.00 0.75 2.29	27.48 0.67 1.41	30.19 0.75 0.59	31.21 0.62 0.30	30.61 0.70 0.23	43.44 0.93 0.01	55.42 1.45 0.22	104.49 3.24 0.12	58.23 1.61 0.00	41.95 1.17 0.00	44.67 1.24 0.00	42.39 1.19 0.00	32.04 0.80 0.00
RUSSELL___1 23602	28.27 0.15 0.00	34.10 -0.05 0.00	35.55 -0.09 0.00	24.22 -0.18 0.00	23.29 -0.25 0.00	31.49 -0.12 0.00	77.42 -0.95 0.00	80.29 -2.39 7.02	86.52 -1.19 0.00	27.69 -0.15 0.00	29.66 0.00 -0.21	28.80 0.10 -0.16	28.90 0.68 0.00	30.78 0.75 0.00	31.34 0.44 0.00	30.28 0.13 0.00	42.45 -0.08 0.00	53.77 -0.43 0.00	99.95 -1.42 0.00	56.24 -0.37 0.00	40.47 -0.30 0.00	43.12 -0.30 0.00	40.97 -0.22 0.00	31.25 0.02 0.00
RUSSELL___2 23532	28.27 0.15 0.00	34.10 -0.05 0.00	35.55 -0.09 0.00	24.22 -0.18 0.00	23.29 -0.25 0.00	31.49 -0.12 0.00	77.42 -0.95 0.00	80.29 -2.39 7.02	86.52 -1.19 0.00	27.69 -0.15 0.00	29.66 0.00 -0.21	28.80 0.10 -0.16	28.90 0.68 0.00	30.78 0.75 0.00	31.34 0.44 0.00	30.28 0.13 0.00	42.45 -0.08 0.00	53.77 -0.43 0.00	99.95 -1.42 0.00	56.24 -0.37 0.00	40.47 -0.30 0.00	43.12 -0.30 0.00	40.97 -0.22 0.00	31.25 0.02 0.00
RUSSELL___3 23549	28.27 0.15 0.00	34.10 -0.05 0.00	35.55 -0.09 0.00	24.22 -0.18 0.00	23.29 -0.25 0.00	31.49 -0.12 0.00	77.42 -0.95 0.00	80.29 -2.39 7.02	86.52 -1.19 0.00	27.69 -0.15 0.00	29.66 0.00 -0.21	28.80 0.10 -0.16	28.90 0.68 0.00	30.78 0.75 0.00	31.34 0.44 0.00	30.28 0.13 0.00	42.45 -0.08 0.00	53.77 -0.43 0.00	99.95 -1.42 0.00	56.24 -0.37 0.00	40.47 -0.30 0.00	43.12 -0.30 0.00	40.97 -0.22 0.00	31.25 0.02 0.00
RUSSELL___4 23556	28.27 0.15 0.00	34.10 -0.05 0.00	35.55 -0.09 0.00	24.22 -0.18 0.00	23.29 -0.25 0.00	31.49 -0.12 0.00	77.42 -0.95 0.00	80.29 -2.39 7.02	86.52 -1.19 0.00	27.69 -0.15 0.00	29.66 0.00 -0.21	28.80 0.10 -0.16	28.90 0.68 0.00	30.78 0.75 0.00	31.34 0.44 0.00	30.28 0.13 0.00	42.45 -0.08 0.00	53.77 -0.43 0.00	99.95 -1.42 0.00	56.24 -0.37 0.00	40.47 -0.30 0.00	43.12 -0.30 0.00	40.97 -0.22 0.00	31.25 0.02 0.00
RUSSELL___STATION 23914	28.27 0.15 0.00	34.10 -0.05 0.00	35.55 -0.09 0.00	24.22 -0.18 0.00	23.29 -0.25 0.00	31.49 -0.12 0.00	77.42 -0.95 0.00	80.29 -2.39 7.02	86.52 -1.19 0.00	27.69 -0.15 0.00	29.66 0.00 -0.21	28.80 0.10 -0.16	28.90 0.68 0.00	30.78 0.75 0.00	31.34 0.44 0.00	30.28 0.13 0.00	42.45 -0.08 0.00	53.77 -0.43 0.00	99.95 -1.42 0.00	56.24 -0.37 0.00	40.47 -0.30 0.00	43.12 -0.30 0.00	40.97 -0.22 0.00	31.25 0.02 0.00
S SALMON___HYD 24043	27.68 -0.43 0.00	33.61 -0.53 0.00	35.08 -0.56 0.00	24.02 -0.38 0.00	23.11 -0.42 0.00	31.26 -0.35 0.00	77.92 -0.46 0.00	89.37 -0.33 0.00	87.83 0.13 0.00	27.61 -0.23 0.00	28.90 -0.55 0.00	27.95 -0.59 0.00	27.70 -0.52 0.00	29.78 -0.25 0.00	30.80 -0.09 0.00	30.06 -0.09 0.00	42.07 -0.46 0.00	53.70 -0.49 0.00	100.31 -1.07 0.00	56.04 -0.58 0.00	40.47 -0.30 0.00	43.16 -0.27 0.00	40.58 -0.62 0.00	30.66 -0.57 0.00
S.PERRY__115KV_TB1 80734	28.83 0.71 0.00	34.78 0.64 0.00	36.36 0.72 0.00	24.78 0.38 0.00	23.77 0.23 0.00	32.18 0.57 0.00	79.41 1.04 0.00	83.15 0.08 6.64	88.75 1.05 0.00	27.66 -0.17 0.00	29.61 -0.19 -0.35	29.96 -0.12 -1.55	29.83 0.65 -0.96	31.27 1.09 -0.15	31.77 0.87 0.00	30.13 -0.02 0.00	42.11 -0.42 0.00	54.63 0.44 0.00	102.71 1.34 0.00	57.82 1.21 0.00	41.48 0.71 0.00	44.11 0.69 0.00	42.04 0.84 0.00	32.07 0.84 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.97 -0.14 0.00	33.63 -0.51 0.00	35.06 -0.58 0.00	23.75 -0.65 0.00	22.72 -0.82 0.00	30.79 -0.82 0.00	74.56 -3.81 0.00	75.13 -7.48 7.10	82.52 -5.18 0.00	26.94 -0.89 0.00	29.27 -0.46 -0.28	28.30 -0.46 -0.21	28.61 0.39 0.00	30.36 0.33 0.00	30.84 -0.06 0.00	29.62 -0.53 0.00	41.17 -1.35 0.00	51.64 -2.56 0.00	94.98 -6.39 0.00	53.80 -2.81 0.00	38.69 -2.08 0.00	41.55 -1.88 0.00	39.85 -1.35 0.00	30.75 -0.48 0.00

SAWYER___23_KV_LOAD 55526	27.97 -0.14 0.00	33.63 -0.51 0.00	35.06 -0.58 0.00	23.75 -0.65 0.00	22.72 -0.82 0.00	30.79 -0.82 0.00	74.56 -3.81 0.00	75.13 -7.48 7.10	82.52 -5.18 0.00	26.94 -0.89 0.00	29.27 -0.46 -0.28	28.30 -0.46 -0.21	28.61 0.39 0.00	30.36 0.33 0.00	30.84 -0.06 0.00	29.62 -0.53 0.00	41.17 -1.35 0.00	51.64 -2.56 0.00	94.98 -6.39 0.00	53.80 -2.81 0.00	38.69 -2.08 0.00	41.55 -1.88 0.00	39.85 -1.35 0.00	30.75 -0.48 0.00
SELKIRK___I 23801	28.94 0.82 0.00	35.08 0.94 0.00	36.60 0.96 0.00	25.08 0.68 0.00	24.16 0.63 0.00	32.32 0.71 0.00	80.20 1.83 0.00	90.28 1.91 1.34	89.89 2.19 0.00	28.29 0.46 0.00	29.53 0.41 0.33	27.18 0.44 1.80	27.40 0.33 1.16	29.95 0.40 0.48	30.90 0.25 0.25	30.24 0.28 0.19	42.91 0.40 0.01	54.76 0.79 0.23	103.31 2.06 0.12	57.54 0.93 0.00	41.48 0.70 0.00	44.22 0.79 0.00	42.01 0.82 0.00	31.80 0.56 0.00
SELKIRK___II 23799	28.84 0.72 0.00	34.95 0.80 0.00	36.42 0.78 0.00	24.97 0.57 0.00	24.06 0.53 0.00	32.19 0.58 0.00	79.88 1.51 0.00	90.06 1.66 1.31	89.82 2.12 0.00	28.41 0.58 0.00	29.45 0.55 0.55	26.64 0.58 2.48	27.16 0.48 1.54	29.92 0.54 0.64	30.95 0.38 0.33	30.28 0.39 0.26	42.85 0.33 0.01	54.52 0.58 0.25	102.88 1.65 0.13	57.30 0.69 0.00	41.30 0.52 0.00	44.03 0.60 0.00	41.81 0.62 0.00	31.64 0.40 0.00
SENECA OSWGO___HYD 24041	27.60 -0.51 0.00	33.41 -0.73 0.00	34.88 -0.77 0.00	23.89 -0.50 0.00	23.02 -0.51 0.00	31.00 -0.60 0.00	76.84 -1.53 0.00	90.49 -2.19 -2.97	86.00 -1.70 0.00	27.25 -0.59 0.00	28.92 -0.55 -0.02	28.35 -0.30 -0.12	28.16 -0.06 0.00	30.12 0.09 0.00	30.92 0.03 0.00	29.74 -0.41 0.00	41.60 -0.93 0.00	52.97 -1.23 0.00	99.02 -2.35 0.00	55.33 -1.28 0.00	39.87 -0.90 0.00	42.46 -0.97 0.00	40.22 -0.97 0.00	30.51 -0.72 0.00
SENECA___115KV_TB3 355854	27.30 0.07 0.89	32.91 -0.25 0.99	34.31 -0.26 1.07	23.07 -0.43 0.90	21.94 -0.63 0.96	17.73 -0.54 13.34	73.64 -2.97 1.75	72.96 -6.53 10.22	80.53 -4.35 2.82	26.23 -0.63 0.98	29.54 -0.20 -0.29	28.39 -0.17 -0.03	27.84 0.64 1.02	29.94 0.59 0.68	30.21 0.14 0.83	28.52 -0.32 1.30	41.44 -1.08 0.00	52.12 -2.08 0.00	96.05 -5.32 0.00	54.36 -2.26 0.00	39.06 -1.71 0.00	41.87 -1.56 0.00	40.19 -1.01 0.00	30.95 -0.28 0.00
SENECA___ENERGY 23797	28.02 -0.10 0.00	33.87 -0.27 0.00	35.38 -0.26 0.00	24.16 -0.24 0.00	23.27 -0.26 0.00	31.34 -0.27 0.00	77.59 -0.79 0.00	83.00 -1.46 5.24	86.80 -0.90 0.00	27.48 -0.35 0.00	29.27 -0.43 -0.25	28.35 -0.38 -0.19	28.04 -0.18 0.00	30.34 0.32 0.00	31.10 0.20 0.00	30.12 -0.03 0.00	42.10 -0.42 0.00	53.72 -0.47 0.00	100.49 -0.89 0.00	56.30 -0.32 0.00	40.59 -0.18 0.00	43.16 -0.26 0.00	41.03 -0.17 0.00	31.15 -0.08 0.00
SHOEMAKER___GT 23640	29.73 1.62 0.00	35.88 1.73 0.00	37.39 1.75 0.00	25.59 1.19 0.00	24.62 1.09 0.00	33.03 1.42 0.00	82.08 3.70 0.00	92.60 4.76 1.87	93.00 5.29 0.00	29.46 1.63 0.00	37.70 1.65 -6.61	59.52 1.64 -29.35	47.90 1.52 -18.16	39.22 1.65 -7.54	36.24 1.48 -3.86	34.63 1.49 -3.00	44.37 1.68 -0.17	59.78 2.66 -2.93	108.50 5.55 -1.58	59.34 2.73 0.00	42.67 1.90 0.00	45.46 2.03 0.00	43.22 2.02 0.00	32.62 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	29.73 1.61 0.00	35.86 1.72 0.00	37.38 1.74 0.00	25.57 1.18 0.00	24.60 1.07 0.00	33.02 1.41 0.00	82.01 3.64 0.00	92.54 4.72 1.88	92.98 5.27 0.00	29.47 1.64 0.00	37.62 1.66 -6.51	59.12 1.66 -28.93	47.67 1.55 -17.90	39.14 1.68 -7.43	36.21 1.50 -3.81	34.62 1.52 -2.95	44.38 1.69 -0.17	59.71 2.63 -2.88	108.42 5.49 -1.56	59.30 2.69 0.00	42.64 1.86 0.00	45.44 2.01 0.00	43.19 1.99 0.00	32.59 1.36 0.00
SHOREHAM_IC_1 23715	29.92 1.81 0.00	35.91 1.76 0.00	37.30 1.66 0.00	25.65 1.25 0.00	24.39 0.86 0.00	25.30 0.76 7.07	14.54 1.79 65.62	27.88 2.94 64.77	10.83 3.75 80.62	26.82 1.38 2.40	-9.12 1.37 39.94	-50.83 1.62 80.99	-14.72 1.47 44.41	-2.55 1.63 34.21	9.62 1.37 22.65	11.98 1.39 19.55	16.74 1.12 26.91	34.34 2.14 21.99	38.49 3.85 66.73	11.89 1.61 46.33	30.55 1.41 11.63	-2.72 1.29 47.44	3.74 1.42 38.88	31.18 0.91 0.96
SHOREHAM_IC_2 23716	29.93 1.82 0.00	35.91 1.76 0.00	37.30 1.66 0.00	25.65 1.25 0.00	24.39 0.86 0.00	25.30 0.76 7.07	14.56 1.80 65.62	27.88 2.94 64.77	10.83 3.75 80.62	26.81 1.37 2.40	-9.11 1.38 39.94	-50.82 1.64 80.99	-14.72 1.47 44.41	-2.57 1.62 34.21	9.59 1.35 22.65	11.98 1.38 19.55	16.73 1.12 26.91	34.33 2.12 21.99	38.50 3.86 66.73	11.88 1.60 46.33	30.55 1.41 11.63	-2.72 1.29 47.44	3.74 1.42 38.88	31.18 0.91 0.96
SISSONVILLE___ 23735	28.17 0.06 0.00	34.46 0.32 0.00	37.60 0.25 -1.71	24.50 0.10 0.00	23.64 0.12 0.00	31.93 0.32 0.00	80.41 0.92 -1.11	102.51 1.40 -11.40	90.30 0.89 -1.71	28.00 0.16 0.00	29.75 0.30 0.00	28.67 0.13 0.00	28.31 0.09 0.00	30.22 0.19 0.00	31.46 0.56 0.00	30.74 0.59 0.00	43.43 0.91 0.00	55.10 0.90 0.00	102.73 1.36 0.00	57.49 0.88 0.00	41.67 0.90 0.00	44.58 1.15 0.00	42.05 0.86 0.00	31.85 0.62 0.00
SITHE_IND_GS1 24169	27.28 -0.83 0.00	33.05 -1.10 0.00	34.50 -1.14 0.00	23.62 -0.78 0.00	22.77 -0.76 0.00	30.62 -0.99 0.00	75.87 -2.50 0.00	22.65 -3.30 63.76	84.85 -2.85 0.00	26.93 -0.90 0.00	28.47 -0.98 0.00	27.60 -0.93 0.00	27.38 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.87 0.00	29.26 -0.89 0.00	41.13 -1.40 0.00	52.37 -1.83 0.00	97.87 -3.50 0.00	54.70 -1.92 0.00	39.42 -1.35 0.00	41.99 -1.44 0.00	39.80 -1.40 0.00	30.21 -1.02 0.00
SITHE_IND_GS2 24170	27.28 -0.83 0.00	33.05 -1.10 0.00	34.50 -1.14 0.00	23.62 -0.78 0.00	22.77 -0.76 0.00	30.62 -0.99 0.00	75.87 -2.50 0.00	22.65 -3.30 63.76	84.85 -2.85 0.00	26.93 -0.90 0.00	28.47 -0.98 0.00	27.60 -0.93 0.00	27.38 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.87 0.00	29.26 -0.89 0.00	41.13 -1.40 0.00	52.37 -1.83 0.00	97.87 -3.50 0.00	54.70 -1.92 0.00	39.42 -1.35 0.00	41.99 -1.44 0.00	39.80 -1.40 0.00	30.21 -1.02 0.00
SITHE_IND_GS3 24171	27.28 -0.83 0.00	33.05 -1.10 0.00	34.50 -1.14 0.00	23.62 -0.78 0.00	22.77 -0.76 0.00	30.62 -0.99 0.00	75.87 -2.50 0.00	22.65 -3.30 63.76	84.85 -2.85 0.00	26.93 -0.90 0.00	28.47 -0.98 0.00	27.60 -0.93 0.00	27.38 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.87 0.00	29.26 -0.89 0.00	41.13 -1.40 0.00	52.37 -1.83 0.00	97.87 -3.50 0.00	54.70 -1.92 0.00	39.42 -1.35 0.00	41.99 -1.44 0.00	39.80 -1.40 0.00	30.21 -1.02 0.00
SITHE_IND_GS4 24172	27.28 -0.83 0.00	33.05 -1.10 0.00	34.50 -1.14 0.00	23.62 -0.78 0.00	22.77 -0.76 0.00	30.62 -0.99 0.00	75.87 -2.50 0.00	22.65 -3.30 63.76	84.85 -2.85 0.00	26.93 -0.90 0.00	28.47 -0.98 0.00	27.60 -0.93 0.00	27.38 -0.84 0.00	29.24 -0.79 0.00	30.03 -0.87 0.00	29.26 -0.89 0.00	41.13 -1.40 0.00	52.37 -1.83 0.00	97.87 -3.50 0.00	54.70 -1.92 0.00	39.42 -1.35 0.00	41.99 -1.44 0.00	39.80 -1.40 0.00	30.21 -1.02 0.00

SITHE___BATAVIA 24024	27.97 0.43 0.57	33.71 0.20 0.64	35.13 0.17 0.68	23.73 -0.09 0.58	22.71 -0.20 0.61	23.14 0.08 8.55	76.08 -1.17 1.13	77.13 -3.63 8.95	84.11 -1.84 1.75	27.08 -0.15 0.61	29.81 0.12 -0.25	28.83 0.23 -0.07	28.85 1.26 0.63	30.76 1.16 0.43	30.79 0.41 0.52	29.32 -0.02 0.82	42.32 -0.20 0.00	53.23 -0.97 0.00	98.83 -2.54 0.00	55.92 -0.69 0.00	40.20 -0.57 0.00	43.01 -0.41 0.00	41.01 -0.19 0.00	31.50 0.27 0.00
SITHE___INDEPEND 23800	27.28 -0.83 0.00	33.05 -1.10 0.00	34.49 -1.14 0.00	23.62 -0.78 0.00	22.77 -0.76 0.00	30.62 -0.99 0.00	75.87 -2.50 0.00	22.63 -3.31 63.76	84.85 -2.85 0.00	26.93 -0.91 0.00	28.47 -0.98 0.00	27.61 -0.93 0.00	27.38 -0.84 0.00	29.23 -0.80 0.00	30.03 -0.87 0.00	29.26 -0.89 0.00	41.12 -1.40 0.00	52.37 -1.83 0.00	97.88 -3.49 0.00	54.70 -1.92 0.00	39.42 -1.35 0.00	41.99 -1.44 0.00	39.80 -1.40 0.00	30.21 -1.03 0.00
SITHE___MASSENA 23902	28.06 -0.06 0.00	-12.33 0.09 46.57	-12.29 0.06 47.99	-22.85 0.03 47.28	-22.90 0.08 46.51	-22.57 0.18 54.36	-14.33 0.54 93.24	49.01 0.62 41.32	29.46 0.19 58.43	28.01 0.17 0.00	29.73 0.28 0.00	28.75 0.21 0.00	28.41 0.19 0.00	30.16 0.14 0.00	31.21 0.31 0.00	30.44 0.29 0.00	43.25 0.72 0.00	54.93 0.74 0.00	102.47 1.10 0.00	57.37 0.76 0.00	41.31 0.53 0.00	44.01 0.58 0.00	41.70 0.50 0.00	31.67 0.43 0.00
SITHE___OGDNSBRG 24021	28.60 0.49 0.00	34.96 0.81 0.00	37.53 0.77 -1.12	24.89 0.49 0.00	24.04 0.51 0.00	32.45 0.85 0.00	81.37 2.27 -0.73	99.89 2.73 -7.45	90.69 1.87 -1.12	28.14 0.31 0.00	29.81 0.36 0.00	28.83 0.29 0.00	28.46 0.24 0.00	30.27 0.25 0.00	31.64 0.75 0.00	30.96 0.80 0.00	44.13 1.61 0.00	56.09 1.89 0.00	104.59 3.22 0.00	58.60 1.99 0.00	42.28 1.51 0.00	45.06 1.64 0.00	42.54 1.34 0.00	32.25 1.02 0.00
SITHE___STERLING 23777	28.74 0.63 0.00	34.86 0.71 0.00	36.40 0.76 0.00	24.94 0.54 0.00	24.06 0.52 0.00	32.50 0.89 0.00	80.91 2.54 0.00	89.45 3.18 3.43	90.88 3.18 0.00	28.47 0.63 0.00	29.81 0.36 0.00	28.84 0.31 0.00	28.54 0.31 0.00	30.59 0.57 0.00	31.69 0.79 0.00	31.11 0.96 0.00	43.74 1.22 0.00	55.98 1.79 0.00	104.34 2.97 0.00	58.25 1.64 0.00	41.96 1.18 0.00	44.65 1.22 0.00	42.17 0.97 0.00	31.89 0.66 0.00
SLEIGHT__34_KV_TB1 80719	27.90 -0.21 0.00	33.70 -0.44 0.00	35.18 -0.46 0.00	23.99 -0.41 0.00	23.12 -0.41 0.00	31.21 -0.40 0.00	77.12 -1.25 0.00	80.97 -2.32 6.42	86.24 -1.46 0.00	27.39 -0.45 0.00	29.21 -0.45 -0.22	28.37 -0.33 -0.16	28.28 0.06 0.00	30.31 0.28 0.00	30.98 0.08 0.00	30.00 -0.15 0.00	42.03 -0.49 0.00	53.46 -0.73 0.00	99.72 -1.65 0.00	55.89 -0.72 0.00	40.20 -0.57 0.00	42.82 -0.61 0.00	40.65 -0.55 0.00	30.91 -0.32 0.00
SMITHTWN_69_KV_BK 1 55830	30.05 1.94 0.00	36.07 1.93 0.00	37.46 1.82 0.00	25.72 1.32 0.00	24.58 1.05 0.00	32.06 1.08 0.63	79.36 2.70 1.71	82.28 3.97 11.40	66.15 4.73 26.28	27.18 1.71 2.37	43.49 1.86 -12.18	8.33 2.02 22.22	24.38 1.93 5.77	50.99 2.08 -18.88	49.05 1.78 -16.38	42.05 1.80 -10.11	39.31 1.67 4.89	63.65 2.87 -6.59	97.37 5.13 9.13	61.41 2.32 -2.48	40.22 1.90 2.45	49.60 1.91 -4.27	46.70 1.93 -3.57	32.73 1.30 -0.20
SOUTH CAIRO___GT 23612	29.44 1.33 0.00	35.66 1.52 0.00	37.11 1.47 0.00	25.46 1.06 0.00	24.77 1.24 0.00	33.43 1.82 0.00	83.23 4.85 0.00	94.06 5.77 1.41	93.49 5.79 0.00	28.89 1.06 0.00	30.14 0.69 0.00	29.14 0.60 0.00	28.66 0.44 0.00	30.54 0.51 0.00	31.30 0.40 0.00	30.67 0.53 0.00	43.30 0.77 0.00	56.00 1.80 0.00	105.99 4.62 0.00	59.07 2.46 0.00	42.53 1.75 0.00	45.20 1.78 0.00	42.80 1.60 0.00	32.33 1.10 0.00
SOUTH HAMPTN___IC 23720	30.37 2.26 0.00	36.44 2.29 0.00	37.86 2.22 0.00	26.04 1.64 0.00	24.51 0.98 0.00	21.56 0.84 10.90	-25.83 2.16 106.37	-1.55 3.38 94.64	-19.79 4.18 111.67	26.89 1.45 2.40	-60.69 1.67 91.80	-108.31 2.02 138.87	-61.06 1.66 90.94	-66.23 1.86 98.12	-37.31 1.43 69.64	-23.67 1.42 55.23	-8.92 1.15 52.61	5.82 2.39 50.77	-11.71 4.92 118.00	-30.60 2.37 89.58	25.12 1.71 17.36	-49.61 1.58 94.62	-34.94 1.54 77.68	30.03 0.91 2.11
SOUTHDOW_115KV_TB1 355954	28.96 0.84 0.00	34.66 0.51 0.00	35.99 0.35 0.00	24.11 -0.29 0.00	23.04 -0.49 0.00	31.22 -0.39 0.00	75.57 -2.80 0.00	93.57 -5.28 -9.15	95.71 -2.97 -10.98	27.39 -0.44 0.00	30.15 0.38 -0.32	29.35 0.57 -0.24	29.43 1.21 0.00	31.14 1.11 0.00	31.67 0.77 0.00	30.31 0.16 0.00	42.08 -0.45 0.00	53.70 -0.50 0.00	99.25 -2.12 0.00	55.56 -1.05 0.00	39.52 -1.25 0.00	42.27 -1.15 0.00	40.95 -0.24 0.00	31.56 0.33 0.00
SOUTHOLD_69_KV_BK 2 55809	30.69 2.58 0.00	36.80 2.66 0.00	38.24 2.60 0.00	26.30 1.90 0.00	24.45 0.91 0.00	21.29 0.63 10.95	-26.79 1.75 106.91	-2.36 2.94 95.01	-20.65 3.71 112.07	26.69 1.26 2.40	-62.09 1.75 93.29	-109.73 2.26 140.52	-62.67 1.65 92.55	-68.47 1.83 100.33	-39.19 1.17 71.26	-25.16 1.16 56.47	-10.21 0.75 53.49	4.57 2.11 51.74	-13.06 5.08 119.51	-31.59 2.58 90.79	24.87 1.61 17.51	-51.06 1.46 95.95	-36.27 1.29 78.77	29.70 0.61 2.14
SOUTHOLD___IC 23719	30.69 2.57 0.00	36.81 2.67 0.00	38.24 2.60 0.00	26.30 1.90 0.00	24.45 0.91 0.00	21.28 0.62 10.95	-26.81 1.73 106.91	-2.37 2.93 95.01	-20.66 3.71 112.07	26.69 1.26 2.40	-62.14 1.70 93.29	-109.78 2.21 140.52	-62.72 1.61 92.55	-68.46 1.84 100.33	-39.17 1.19 71.26	-25.15 1.16 56.47	-10.21 0.75 53.49	4.58 2.12 51.74	-13.08 5.06 119.51	-31.57 2.61 90.79	24.87 1.61 17.51	-51.07 1.45 95.95	-36.29 1.28 78.77	29.70 0.61 2.14
SOUTH_FORK_WT_PWR 323839	30.77 2.66 0.00	36.91 2.76 0.00	38.34 2.70 0.00	26.37 1.97 0.00	24.24 0.71 0.00	20.90 0.21 10.92	-27.44 0.81 106.62	-3.30 1.81 94.81	-21.52 2.64 111.85	26.33 0.90 2.40	-61.53 1.51 92.49	-108.93 2.16 139.63	-62.09 1.37 91.68	-67.50 1.61 99.14	-38.73 0.76 70.38	-24.95 0.70 55.80	-10.42 0.07 53.01	4.39 1.41 51.22	-13.14 4.19 118.70	-31.21 2.32 90.14	24.53 1.19 17.43	-50.83 0.97 95.24	-36.24 0.75 78.18	29.24 0.13 2.12
SPIERFLS_115KV_TB 1 80737	29.40 1.28 0.00	35.53 1.38 0.00	37.03 1.39 0.00	25.40 1.00 0.00	24.53 1.01 0.00	32.86 1.25 0.00	82.02 3.64 0.00	92.95 4.53 1.29	92.24 4.54 0.00	28.78 0.95 0.00	29.66 0.77 0.56	26.87 0.76 2.43	27.33 0.60 1.50	30.09 0.69 0.62	31.09 0.51 0.32	30.64 0.74 0.25	43.84 1.33 0.01	56.31 2.35 0.24	106.72 5.47 0.13	59.42 2.81 0.00	42.76 1.99 0.00	45.29 1.87 0.00	42.98 1.78 0.00	32.31 1.08 0.00
ST LAWRENCE____ 23600	27.73 -0.38 0.00	-12.72 -0.29 46.57	-12.67 -0.33 47.99	-23.11 -0.22 47.28	-23.15 -0.17 46.51	-22.93 -0.18 54.36	-15.25 -0.39 93.24	46.76 -0.38 42.57	28.35 -0.74 58.62	27.74 -0.09 0.00	29.49 0.04 0.00	28.50 -0.04 0.00	28.16 -0.06 0.00	29.88 -0.15 0.00	30.87 -0.03 0.00	30.11 -0.04 0.00	42.74 0.21 0.00	54.31 0.12 0.00	101.35 -0.02 0.00	56.73 0.12 0.00	40.83 0.05 0.00	43.49 0.06 0.00	41.24 0.04 0.00	31.32 0.09 0.00

STATE_CA_115KV_115_LB 55624	28.98 0.87 0.00	35.11 0.96 0.00	36.54 0.90 0.00	25.06 0.66 0.00	24.13 0.60 0.00	32.28 0.66 0.00	80.13 1.75 0.00	90.24 1.84 1.31	90.10 2.40 0.00	28.50 0.67 0.00	29.48 0.64 0.61	26.53 0.67 2.67	27.11 0.53 1.65	29.96 0.62 0.69	30.99 0.44 0.35	30.34 0.47 0.27	43.00 0.49 0.02	54.74 0.80 0.26	103.31 2.08 0.14	57.50 0.89 0.00	41.45 0.67 0.00	44.12 0.69 0.00	41.88 0.68 0.00	31.68 0.45 0.00
STATE_ST_34_KV_LOAD 55959	28.24 0.12 0.00	34.24 0.10 0.00	35.79 0.15 0.00	24.39 -0.01 0.00	23.59 0.06 0.00	31.69 0.08 0.00	78.73 0.35 0.00	84.70 0.01 5.02	88.14 0.44 0.00	27.81 -0.03 0.00	29.57 -0.12 -0.25	28.62 -0.10 -0.19	28.17 -0.05 0.00	30.44 0.42 0.00	31.29 0.39 0.00	30.43 0.28 0.00	42.62 0.09 0.00	54.37 0.17 0.00	101.49 0.12 0.00	56.77 0.16 0.00	40.92 0.14 0.00	43.55 0.12 0.00	41.34 0.14 0.00	31.25 0.02 0.00
STATION_5_MISC_HYD 23604	27.84 0.06 0.33	33.62 -0.15 0.37	35.06 -0.18 0.40	23.81 -0.25 0.34	22.86 -0.31 0.36	26.40 -0.21 5.00	76.51 -1.21 0.65	78.85 -2.75 8.11	85.18 -1.57 0.94	27.26 -0.25 0.33	29.55 -0.11 -0.21	28.61 -0.02 -0.10	28.42 0.53 0.34	30.40 0.61 0.24	30.90 0.30 0.30	29.69 0.00 0.47	42.27 -0.26 0.00	53.53 -0.66 0.00	99.50 -1.87 0.00	55.96 -0.65 0.00	40.26 -0.51 0.00	42.93 -0.50 0.00	40.81 -0.39 0.00	31.14 -0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.08 -0.04 0.00	33.91 -0.23 0.00	35.39 -0.24 0.00	24.15 -0.25 0.00	23.25 -0.29 0.00	31.39 -0.22 0.00	77.49 -0.88 0.00	81.52 -1.86 6.34	86.65 -1.05 0.00	27.53 -0.30 0.00	29.41 -0.26 -0.22	28.54 -0.17 -0.17	28.42 0.20 0.00	30.46 0.43 0.00	31.12 0.22 0.00	30.12 -0.03 0.00	42.18 -0.35 0.00	53.70 -0.50 0.00	100.03 -1.34 0.00	56.13 -0.48 0.00	40.40 -0.37 0.00	43.03 -0.40 0.00	40.88 -0.32 0.00	31.10 -0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.97 -0.14 0.00	33.75 -0.40 0.00	35.20 -0.44 0.00	23.99 -0.41 0.00	23.06 -0.47 0.00	31.17 -0.44 0.00	76.69 -1.69 0.00	79.51 -3.22 6.97	85.60 -2.10 0.00	27.38 -0.45 0.00	29.34 -0.32 -0.21	28.47 -0.23 -0.16	28.53 0.31 0.00	30.39 0.36 0.00	30.98 0.08 0.00	29.94 -0.21 0.00	41.99 -0.54 0.00	53.22 -0.97 0.00	98.95 -2.42 0.00	55.61 -1.00 0.00	40.01 -0.76 0.00	42.66 -0.76 0.00	40.54 -0.66 0.00	30.93 -0.30 0.00
STA_56___34_KV_BUS2 355983	27.97 -0.14 0.00	33.75 -0.40 0.00	35.20 -0.44 0.00	23.99 -0.41 0.00	23.06 -0.47 0.00	31.17 -0.44 0.00	76.69 -1.69 0.00	79.51 -3.22 6.97	85.60 -2.10 0.00	27.38 -0.45 0.00	29.34 -0.32 -0.21	28.47 -0.23 -0.16	28.53 0.31 0.00	30.39 0.36 0.00	30.98 0.08 0.00	29.94 -0.21 0.00	41.99 -0.54 0.00	53.22 -0.97 0.00	98.95 -2.42 0.00	55.61 -1.00 0.00	40.01 -0.76 0.00	42.66 -0.76 0.00	40.54 -0.66 0.00	30.93 -0.30 0.00
STA_67___115KV_BK2 355882	28.12 0.01 0.00	33.92 -0.22 0.00	35.38 -0.26 0.00	24.10 -0.30 0.00	23.17 -0.36 0.00	31.32 -0.29 0.00	76.99 -1.38 0.00	79.69 -2.99 7.03	85.94 -1.76 0.00	27.51 -0.32 0.00	29.48 -0.18 -0.21	28.60 -0.09 -0.16	28.70 0.48 0.00	30.56 0.53 0.00	31.14 0.24 0.00	30.07 -0.08 0.00	42.17 -0.36 0.00	53.41 -0.79 0.00	99.25 -2.12 0.00	55.83 -0.78 0.00	40.17 -0.61 0.00	42.84 -0.58 0.00	40.72 -0.47 0.00	31.08 -0.15 0.00
STA_7___115KV_9TRANS 80674	28.27 0.15 0.00	34.10 -0.05 0.00	35.55 -0.09 0.00	24.22 -0.18 0.00	23.29 -0.25 0.00	31.49 -0.12 0.00	77.42 -0.95 0.00	80.29 -2.39 7.02	86.52 -1.19 0.00	27.69 -0.15 0.00	29.66 0.00 -0.21	28.80 0.10 -0.16	28.90 0.68 0.00	30.78 0.75 0.00	31.34 0.44 0.00	30.28 0.13 0.00	42.45 -0.08 0.00	53.77 -0.43 0.00	99.95 -1.42 0.00	56.24 -0.37 0.00	40.47 -0.30 0.00	43.12 -0.30 0.00	40.97 -0.22 0.00	31.25 0.02 0.00
STA_82___115KV_TB1 80780	28.13 0.02 0.00	33.93 -0.21 0.00	35.39 -0.25 0.00	24.11 -0.29 0.00	23.17 -0.35 0.00	31.33 -0.28 0.00	77.00 -1.37 0.00	79.75 -2.95 7.00	85.95 -1.75 0.00	27.51 -0.32 0.00	29.49 -0.17 -0.22	28.61 -0.09 -0.17	28.71 0.49 0.00	30.57 0.54 0.00	31.14 0.24 0.00	30.08 -0.07 0.00	42.18 -0.34 0.00	53.43 -0.77 0.00	99.31 -2.06 0.00	55.85 -0.77 0.00	40.18 -0.60 0.00	42.86 -0.57 0.00	40.73 -0.46 0.00	31.10 -0.13 0.00
STEEL___WIND 323596	27.27 0.05 0.89	32.89 -0.27 0.99	34.29 -0.28 1.07	23.05 -0.45 0.90	21.91 -0.66 0.96	17.69 -0.58 13.34	73.53 -3.09 1.75	72.81 -6.67 10.22	80.35 -4.53 2.82	26.17 -0.68 0.98	29.48 -0.26 -0.29	28.35 -0.22 -0.03	27.80 0.59 1.02	29.88 0.53 0.68	30.14 0.08 0.83	28.45 -0.40 1.30	41.36 -1.17 0.00	52.04 -2.15 0.00	95.92 -5.45 0.00	54.27 -2.34 0.00	38.98 -1.79 0.00	41.82 -1.61 0.00	40.11 -1.08 0.00	30.91 -0.32 0.00
STEPHTWN_115KV_BK_2 55603	29.12 1.01 0.00	35.20 1.05 0.00	36.70 1.06 0.00	25.12 0.72 0.00	24.21 0.68 0.00	32.48 0.87 0.00	80.74 2.36 0.00	90.95 2.55 1.31	90.73 3.03 0.00	28.66 0.83 0.00	29.61 0.76 0.61	26.63 0.76 2.67	27.17 0.60 1.65	30.03 0.69 0.69	31.04 0.50 0.35	30.44 0.56 0.27	43.22 0.71 0.02	55.00 1.07 0.26	103.86 2.63 0.14	57.73 1.11 0.00	41.53 0.75 0.00	44.23 0.80 0.00	42.05 0.85 0.00	31.78 0.55 0.00
STEBEN_REC_LFGE 323667	27.67 -0.45 0.00	33.61 -0.53 0.00	35.25 -0.39 0.00	24.05 -0.35 0.00	22.96 -0.58 0.00	30.79 -0.82 0.00	75.79 -2.58 0.00	79.41 -4.09 6.21	84.34 -3.36 0.00	26.40 -1.43 0.00	28.33 -1.56 -0.44	28.93 -1.56 -1.95	28.03 -1.39 -1.21	30.11 -0.40 -0.48	30.75 -0.39 -0.24	29.07 -1.26 -0.19	40.09 -2.45 -0.01	52.05 -2.33 -0.18	98.53 -2.94 -0.10	55.22 -1.39 0.00	39.47 -1.31 0.00	41.93 -1.50 0.00	40.40 -0.80 0.00	30.94 -0.29 0.00
STILLWATER___SOLAR 323814	29.48 1.37 0.00	35.68 1.54 0.00	37.19 1.55 0.00	25.47 1.07 0.00	24.58 1.05 0.00	32.96 1.35 0.00	82.11 3.73 0.00	92.85 4.43 1.29	92.27 4.57 0.00	28.94 1.11 0.00	29.87 0.99 0.57	27.02 0.98 2.50	27.52 0.84 1.54	30.31 0.92 0.64	31.34 0.77 0.33	30.84 0.95 0.25	43.94 1.43 0.01	56.32 2.36 0.24	106.48 5.23 0.13	59.26 2.64 0.00	42.67 1.90 0.00	45.33 1.91 0.00	43.06 1.86 0.00	32.45 1.22 0.00
STONY___BROOK 24151	30.03 1.91 0.00	36.05 1.90 0.00	37.44 1.80 0.00	25.72 1.32 0.00	24.56 1.03 0.00	31.23 1.05 1.43	73.76 2.57 7.18	73.71 3.74 19.74	57.97 4.50 34.23	27.12 1.66 2.38	41.14 1.79 -9.90	5.34 1.97 25.17	22.22 1.88 7.88	48.06 2.05 -15.98	46.88 1.74 -14.24	40.38 1.75 -8.48	37.69 1.62 6.46	59.42 2.73 -2.49	89.31 4.73 16.79	55.97 2.09 2.74	37.75 1.79 4.81	44.76 1.81 0.47	42.78 1.87 0.28	32.62 1.25 -0.14
STURGEON_POOL_HYD 23609	29.84 1.72 0.00	35.97 1.83 0.00	37.49 1.85 0.00	25.67 1.27 0.00	24.70 1.17 0.00	33.08 1.47 0.00	82.11 3.74 0.00	92.99 4.90 1.62	93.22 5.52 0.00	29.61 1.78 0.00	32.73 1.77 -1.51	34.28 1.77 -3.98	31.94 1.61 -2.11	32.62 1.72 -0.88	32.87 1.52 -0.45	32.08 1.59 -0.34	44.38 1.84 -0.02	56.91 2.52 -0.19	106.70 5.23 -0.10	59.25 2.64 0.00	42.65 1.88 0.00	45.48 2.05 0.00	43.21 2.01 0.00	32.59 1.36 0.00

ST_LAW_115_BK7_LBMP 345037	27.75 -0.36 0.00	-12.71 -0.28 46.57	-12.66 -0.32 47.99	-23.10 -0.22 47.28	-23.14 -0.17 46.51	-22.92 -0.16 54.36	-15.20 -0.33 93.24	46.79 -0.35 42.57	28.37 -0.72 58.62	27.74 -0.09 0.00	29.48 0.03 0.00	28.50 -0.04 0.00	28.15 -0.07 0.00	29.86 -0.16 0.00	30.88 -0.02 0.00	30.11 -0.04 0.00	42.77 0.25 0.00	54.34 0.15 0.00	101.39 0.02 0.00	56.77 0.16 0.00	40.86 0.08 0.00	43.51 0.08 0.00	41.25 0.06 0.00	31.33 0.10 0.00
ST_LAW_115_BK8_LBMP 345038	27.75 -0.36 0.00	-12.71 -0.28 46.57	-12.66 -0.32 47.99	-23.10 -0.22 47.28	-23.14 -0.17 46.51	-22.92 -0.16 54.36	-15.20 -0.33 93.24	46.79 -0.35 42.57	28.37 -0.72 58.62	27.74 -0.09 0.00	29.48 0.03 0.00	28.50 -0.04 0.00	28.15 -0.07 0.00	29.86 -0.16 0.00	30.88 -0.02 0.00	30.11 -0.04 0.00	42.77 0.25 0.00	54.34 0.15 0.00	101.39 0.02 0.00	56.77 0.16 0.00	40.86 0.08 0.00	43.51 0.08 0.00	41.25 0.06 0.00	31.33 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	27.73 -0.38 0.00	-12.72 -0.29 46.57	-12.67 -0.33 47.99	-23.11 -0.22 47.28	-23.15 -0.17 46.51	-22.93 -0.18 54.36	-15.25 -0.39 93.24	46.76 -0.38 42.57	28.35 -0.74 58.62	27.74 -0.09 0.00	29.49 0.04 0.00	28.50 -0.04 0.00	28.16 -0.06 0.00	29.88 -0.15 0.00	30.87 -0.03 0.00	30.11 -0.04 0.00	42.74 0.21 0.00	54.31 0.12 0.00	101.35 -0.02 0.00	56.73 0.12 0.00	40.83 0.05 0.00	43.49 0.06 0.00	41.24 0.04 0.00	31.32 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	27.73 -0.38 0.00	-12.72 -0.29 46.57	-12.67 -0.33 47.99	-23.11 -0.22 47.28	-23.15 -0.17 46.51	-22.93 -0.18 54.36	-15.25 -0.39 93.24	46.76 -0.38 42.57	28.35 -0.74 58.62	27.74 -0.09 0.00	29.49 0.04 0.00	28.50 -0.04 0.00	28.16 -0.06 0.00	29.88 -0.15 0.00	30.87 -0.03 0.00	30.11 -0.04 0.00	42.74 0.21 0.00	54.31 0.12 0.00	101.35 -0.02 0.00	56.73 0.12 0.00	40.83 0.05 0.00	43.49 0.06 0.00	41.24 0.04 0.00	31.32 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.84 1.73 0.00	35.98 1.83 0.00	37.48 1.83 0.00	25.64 1.24 0.00	24.66 1.13 0.00	33.10 1.49 0.00	82.27 3.89 0.00	92.94 5.05 1.82	93.37 5.67 0.00	29.64 1.81 0.00	38.24 1.87 -6.92	61.16 1.88 -30.75	49.00 1.76 -19.02	39.83 1.90 -7.90	36.65 1.70 -4.05	35.00 1.71 -3.14	44.63 1.92 -0.18	60.16 2.90 -3.07	109.01 5.98 -1.66	59.52 2.91 0.00	42.77 2.00 0.00	45.57 2.14 0.00	43.32 2.12 0.00	32.69 1.46 0.00
SWANROAD_115KV_TB1 355699	27.52 -0.59 0.00	33.03 -1.11 0.00	34.43 -1.21 0.00	23.34 -1.05 0.00	22.34 -1.19 0.00	30.33 -1.28 0.00	73.05 -5.32 0.00	74.01 -8.75 6.94	80.66 -7.05 0.00	26.54 -1.30 0.00	28.98 -0.74 -0.27	28.00 -0.74 -0.21	28.41 0.19 0.00	30.07 0.04 0.00	30.45 -0.45 0.00	29.15 -1.00 0.00	40.72 -1.81 0.00	50.52 -3.68 0.00	92.80 -8.57 0.00	52.66 -3.95 0.00	37.95 -2.82 0.00	40.87 -2.55 0.00	39.19 -2.01 0.00	30.28 -0.96 0.00
SYNERGY___BIOGAS 323694	28.55 0.43 0.00	34.33 0.18 0.00	35.78 0.13 0.00	24.30 -0.09 0.00	23.31 -0.22 0.00	31.65 0.04 0.00	77.16 -1.21 0.00	79.06 -3.68 6.96	85.88 -1.82 0.00	27.67 -0.17 0.00	29.80 0.10 -0.25	28.95 0.23 -0.19	29.50 1.28 0.00	31.18 1.16 0.00	31.33 0.43 0.00	30.12 -0.03 0.00	42.32 -0.20 0.00	53.25 -0.94 0.00	98.84 -2.53 0.00	55.93 -0.68 0.00	40.20 -0.57 0.00	43.03 -0.40 0.00	41.01 -0.19 0.00	31.49 0.26 0.00
SYRACUSE___ENERGY_ST1 323597	28.08 -0.04 0.00	33.98 -0.17 0.00	35.48 -0.16 0.00	24.22 -0.17 0.00	23.37 -0.16 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.39 -0.31 0.00	27.62 -0.22 0.00	29.38 -0.28 -0.21	28.42 -0.27 -0.16	28.04 -0.18 0.00	30.08 0.05 0.00	30.92 0.02 0.00	30.10 -0.05 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	28.08 -0.04 0.00	33.98 -0.17 0.00	35.48 -0.16 0.00	24.22 -0.17 0.00	23.37 -0.16 0.00	31.48 -0.13 0.00	78.08 -0.29 0.00	84.06 -0.73 4.92	87.39 -0.31 0.00	27.62 -0.22 0.00	29.38 -0.28 -0.21	28.42 -0.27 -0.16	28.04 -0.18 0.00	30.08 0.05 0.00	30.92 0.02 0.00	30.10 -0.05 0.00	42.24 -0.28 0.00	53.80 -0.39 0.00	100.55 -0.82 0.00	56.18 -0.43 0.00	40.48 -0.30 0.00	43.09 -0.34 0.00	40.85 -0.35 0.00	30.96 -0.27 0.00
SYRACUSE___POWER 24017	28.04 -0.08 0.00	33.92 -0.22 0.00	35.42 -0.22 0.00	24.22 -0.17 0.00	23.35 -0.17 0.00	31.45 -0.15 0.00	78.04 -0.34 0.00	81.93 -0.77 7.00	87.34 -0.36 0.00	27.61 -0.22 0.00	29.37 -0.29 -0.22	28.43 -0.27 -0.16	28.05 -0.17 0.00	30.05 0.03 0.00	30.92 0.02 0.00	30.12 -0.03 0.00	42.26 -0.27 0.00	53.89 -0.31 0.00	100.65 -0.72 0.00	56.24 -0.37 0.00	40.51 -0.26 0.00	43.11 -0.32 0.00	40.88 -0.32 0.00	30.99 -0.24 0.00
TALLMAN__138KV_BK151 55660	29.90 1.78 0.00	36.04 1.89 0.00	37.51 1.87 0.00	25.67 1.27 0.00	24.68 1.15 0.00	33.14 1.53 0.00	82.38 4.01 0.00	93.22 5.27 1.76	93.64 5.94 0.00	29.77 1.93 0.00	39.20 2.03 -7.72	64.97 2.05 -34.39	51.43 1.92 -21.29	40.93 2.06 -8.84	37.29 1.86 -4.53	35.51 1.85 -3.51	44.76 2.04 -0.20	60.71 3.06 -3.45	109.53 6.29 -1.86	59.65 3.03 0.00	42.84 2.07 0.00	45.64 2.21 0.00	43.41 2.21 0.00	32.75 1.52 0.00
TEALLAVE_115KV_TB7 355573	27.86 -0.25 0.00	33.72 -0.43 0.00	35.20 -0.44 0.00	24.09 -0.31 0.00	23.22 -0.31 0.00	31.26 -0.35 0.00	77.51 -0.86 0.00	81.68 -1.44 6.59	86.74 -0.96 0.00	27.48 -0.36 0.00	29.20 -0.43 -0.18	28.28 -0.39 -0.14	27.96 -0.27 0.00	29.91 -0.11 0.00	30.74 -0.16 0.00	29.94 -0.21 0.00	42.02 -0.50 0.00	53.54 -0.66 0.00	99.98 -1.40 0.00	55.86 -0.76 0.00	40.25 -0.53 0.00	42.84 -0.59 0.00	40.62 -0.58 0.00	30.81 -0.42 0.00
TELGRAPH_34_KV_EAST 80808	28.06 -0.05 0.00	33.72 -0.42 0.00	35.16 -0.48 0.00	23.86 -0.54 0.00	22.85 -0.60 0.00	31.01 -0.60 0.00	75.19 -3.18 0.00	76.33 -6.43 6.95	83.45 -4.25 0.00	27.18 -0.66 0.00	29.49 -0.21 -0.26	28.56 -0.17 -0.20	29.01 0.79 0.00	30.64 0.61 0.00	30.93 0.04 0.00	29.72 -0.43 0.00	41.57 -0.96 0.00	51.98 -2.22 0.00	95.95 -5.42 0.00	54.35 -2.27 0.00	39.10 -1.67 0.00	41.99 -1.44 0.00	40.15 -1.05 0.00	30.92 -0.31 0.00
TEMPLE___115KV_TB 2 55572	27.87 -0.24 0.00	33.72 -0.43 0.00	35.21 -0.43 0.00	24.09 -0.30 0.00	23.23 -0.30 0.00	31.26 -0.35 0.00	77.52 -0.85 0.00	81.35 -1.41 6.95	86.74 -0.96 0.00	27.48 -0.36 0.00	29.21 -0.42 -0.18	28.30 -0.37 -0.14	27.98 -0.24 0.00	29.93 -0.09 0.00	30.76 -0.14 0.00	29.95 -0.20 0.00	42.03 -0.50 0.00	53.56 -0.64 0.00	100.01 -1.36 0.00	55.88 -0.74 0.00	40.25 -0.52 0.00	42.85 -0.58 0.00	40.63 -0.57 0.00	30.82 -0.41 0.00
TIANA____69_KV_BK 1 55817	30.28 2.16 0.00	36.32 2.18 0.00	37.73 2.09 0.00	25.94 1.54 0.00	24.52 0.99 0.00	21.57 0.91 10.94	-26.23 2.28 106.88	-1.76 3.52 94.99	-20.05 4.29 112.04	26.92 1.49 2.40	-62.07 1.68 93.20	-109.90 1.99 140.42	-62.54 1.69 92.46	-68.32 1.85 100.20	-38.80 1.47 71.16	-24.75 1.49 56.39	-9.65 1.26 53.43	4.99 2.47 51.68	-13.14 4.90 119.42	-31.81 2.30 90.72	25.01 1.74 17.50	-50.81 1.64 95.87	-35.88 1.63 78.70	30.09 1.00 2.14

TILDEN___115KV_TB1 80814	28.04 -0.08 0.00	33.92 -0.22 0.00	35.42 -0.22 0.00	24.22 -0.17 0.00	23.35 -0.17 0.00	31.45 -0.15 0.00	78.04 -0.34 0.00	81.93 -0.77 7.00	87.34 -0.36 0.00	27.61 -0.22 0.00	29.37 -0.29 -0.22	28.43 -0.27 -0.16	28.05 -0.17 0.00	30.05 0.03 0.00	30.92 0.02 0.00	30.12 -0.03 0.00	42.26 -0.27 0.00	53.89 -0.31 0.00	100.65 -0.72 0.00	56.24 -0.37 0.00	40.51 -0.26 0.00	43.11 -0.32 0.00	40.88 -0.32 0.00	30.99 -0.24 0.00
TRIGEN___CC 323695	30.07 1.96 0.00	36.16 2.01 0.00	37.59 1.95 0.00	25.77 1.38 0.00	24.71 1.18 0.00	32.98 1.37 0.00	81.73 3.36 0.00	92.75 4.90 1.86	90.92 5.83 2.61	29.49 1.97 0.32	39.69 2.10 -8.14	1.77 2.24 29.01	23.77 2.18 6.63	50.77 2.34 -18.40	49.22 2.10 -16.22	43.79 2.10 -11.54	42.83 2.05 1.74	71.10 3.26 -13.65	109.59 6.27 -1.95	59.59 2.97 -0.01	42.97 2.20 0.00	45.69 2.27 0.00	43.44 2.24 0.00	32.80 1.57 0.00
TRINITY___115KV___4 BK 55933	28.80 0.68 0.00	34.90 0.75 0.00	36.32 0.68 0.00	24.92 0.52 0.00	23.99 0.46 0.00	32.07 0.47 0.00	79.59 1.22 0.00	89.62 1.22 1.31	89.47 1.77 0.00	28.31 0.48 0.00	29.28 0.44 0.61	26.35 0.49 2.67	26.93 0.36 1.65	29.76 0.42 0.69	30.79 0.24 0.35	30.12 0.25 0.27	42.65 0.14 0.02	54.28 0.34 0.26	102.49 1.26 0.14	57.04 0.43 0.00	41.10 0.33 0.00	43.79 0.36 0.00	41.60 0.40 0.00	31.48 0.25 0.00
UNION___PROCESSING_DRP 323587	28.14 0.02 0.00	33.94 -0.21 0.00	35.40 -0.24 0.00	24.12 -0.28 0.00	23.18 -0.35 0.00	31.34 -0.27 0.00	77.02 -1.36 0.00	79.78 -2.94 6.99	85.97 -1.73 0.00	27.52 -0.31 0.00	29.50 -0.17 -0.22	28.61 -0.09 -0.17	28.73 0.51 0.00	30.58 0.55 0.00	31.15 0.25 0.00	30.08 -0.07 0.00	42.19 -0.34 0.00	53.44 -0.76 0.00	99.32 -2.05 0.00	55.85 -0.76 0.00	40.19 -0.58 0.00	42.87 -0.56 0.00	40.75 -0.45 0.00	31.10 -0.13 0.00
UPPER HUDSON___HYD 24058	29.40 1.28 0.00	35.52 1.38 0.00	37.02 1.38 0.00	25.40 1.00 0.00	24.53 1.00 0.00	32.86 1.25 0.00	82.02 3.64 0.00	92.94 4.53 1.29	92.22 4.52 0.00	28.79 0.95 0.00	29.67 0.77 0.56	26.87 0.76 2.43	27.32 0.60 1.50	30.10 0.69 0.62	31.09 0.51 0.32	30.64 0.74 0.25	43.84 1.33 0.01	56.31 2.35 0.24	106.71 5.47 0.13	59.42 2.81 0.00	42.76 1.99 0.00	45.29 1.87 0.00	42.97 1.78 0.00	32.31 1.08 0.00
UPPER RAQUET___HYD 24056	28.17 0.06 0.00	34.44 0.30 0.00	37.59 0.24 -1.71	24.48 0.09 0.00	23.64 0.11 0.00	31.93 0.32 0.00	80.40 0.92 -1.11	102.50 1.40 -11.40	90.30 0.89 -1.71	28.00 0.17 0.00	29.75 0.30 0.00	28.67 0.14 0.00	28.32 0.10 0.00	30.22 0.19 0.00	31.46 0.56 0.00	30.74 0.59 0.00	43.43 0.91 0.00	55.10 0.90 0.00	102.73 1.36 0.00	57.49 0.88 0.00	41.67 0.90 0.00	44.58 1.15 0.00	42.05 0.86 0.00	31.85 0.62 0.00
VALLEY44_115KV_TB2 355964	28.65 0.54 0.00	34.54 0.39 0.00	36.10 0.46 0.00	24.48 0.08 0.00	23.44 -0.09 0.00	31.71 0.10 0.00	76.90 -1.47 0.00	82.85 -3.82 3.04	88.80 -1.55 -2.64	27.82 -0.01 0.00	30.06 0.28 -0.33	29.26 0.47 -0.25	29.42 1.20 0.00	31.59 1.32 -0.24	31.92 0.82 -0.20	30.55 0.24 -0.16	41.74 -0.79 -0.01	53.12 -1.08 0.00	97.76 -3.64 -0.03	54.92 -1.70 0.00	39.44 -1.33 0.00	42.19 -1.24 0.00	40.69 -0.51 0.00	31.26 0.03 0.00
VALLEY___115KV_TB 1-4 80826	29.35 1.24 0.00	35.45 1.30 0.00	37.01 1.37 0.00	25.34 0.94 0.00	24.45 0.92 0.00	32.91 1.30 0.00	81.87 3.50 0.00	92.94 4.29 1.06	88.74 1.04 0.00	28.31 0.47 0.00	30.05 0.60 0.00	29.08 0.54 0.00	28.62 0.40 0.00	30.45 0.43 0.00	31.24 0.34 0.00	30.86 0.71 0.00	43.86 1.33 0.00	56.41 2.22 0.00	105.63 4.26 0.00	58.91 2.30 0.00	42.48 1.70 0.00	45.22 1.79 0.00	42.93 1.73 0.00	32.40 1.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.33 1.21 0.00	35.49 1.34 0.00	37.12 1.47 0.00	25.39 1.00 0.00	24.48 0.95 0.00	32.89 1.28 0.00	81.63 3.26 0.00	89.83 3.76 3.64	91.75 4.04 0.00	29.03 1.19 0.00	31.44 1.20 -0.79	33.21 1.17 -3.51	31.55 1.15 -2.17	32.26 1.34 -0.90	32.64 1.28 -0.46	31.76 1.25 -0.36	43.97 1.42 -0.02	56.47 1.93 -0.35	105.34 3.78 -0.19	58.64 2.03 0.00	42.24 1.47 0.00	45.01 1.58 0.00	42.73 1.53 0.00	32.30 1.07 0.00
VISCHER___FERRY HYD 24020	29.24 1.13 0.00	35.41 1.26 0.00	36.86 1.21 0.00	25.25 0.85 0.00	24.35 0.82 0.00	32.60 0.99 0.00	81.12 2.75 0.00	91.65 3.23 1.29	91.31 3.61 0.00	28.79 0.95 0.00	29.71 0.88 0.62	26.74 0.89 2.69	27.31 0.75 1.66	30.19 0.85 0.69	31.22 0.67 0.35	30.64 0.76 0.27	43.49 0.98 0.02	55.51 1.57 0.26	104.93 3.70 0.14	58.35 1.74 0.00	42.04 1.27 0.00	44.76 1.33 0.00	42.51 1.31 0.00	32.09 0.86 0.00
V_A_10_SYNC_DSASP 323832	27.94 -0.18 0.00	33.62 -0.52 0.00	35.08 -0.57 0.00	23.80 -0.60 0.00	22.80 -0.73 0.00	30.88 -0.73 0.00	74.88 -3.50 0.00	76.06 -6.64 7.01	83.15 -4.55 0.00	27.02 -0.82 0.00	29.25 -0.46 -0.25	28.27 -0.45 -0.19	28.54 0.32 0.00	30.33 0.31 0.00	30.86 -0.04 0.00	29.67 -0.48 0.00	41.27 -1.26 0.00	51.82 -2.38 0.00	95.52 -5.85 0.00	54.00 -2.61 0.00	38.88 -1.89 0.00	41.70 -1.73 0.00	39.92 -1.28 0.00	30.74 -0.49 0.00
V_CMM_10_SYNC_DSASP 323787	27.90 -0.22 0.00	-12.52 -0.09 46.57	-12.48 -0.13 47.99	-22.97 -0.09 47.28	-23.02 -0.04 46.51	-22.75 0.01 54.36	-14.78 0.08 93.24	47.24 0.10 42.57	28.83 -0.25 58.62	27.90 0.06 0.00	29.60 0.15 0.00	28.65 0.11 0.00	28.31 0.08 0.00	30.03 0.00 0.00	31.03 0.14 0.00	30.26 0.11 0.00	43.00 0.48 0.00	54.63 0.44 0.00	101.93 0.56 0.00	57.06 0.44 0.00	41.06 0.29 0.00	43.73 0.31 0.00	41.47 0.27 0.00	31.50 0.26 0.00
V_CMP_10_SYNC_DSASP 323788	26.38 -1.74 0.00	-14.00 -1.57 46.57	-24.38 -1.70 58.32	-24.07 -1.18 47.28	-24.00 -1.03 46.51	-24.09 -1.34 54.36	-24.46 -2.84 100.00	-25.16 -3.28 111.58	15.19 -3.52 69.00	27.35 -0.48 0.00	29.94 0.49 0.00	28.57 0.04 0.00	28.41 0.19 0.00	30.46 0.43 0.00	31.58 0.68 0.00	30.52 0.37 0.00	42.73 0.20 0.00	54.02 -0.18 0.00	100.70 -0.67 0.00	55.89 -0.72 0.00	40.21 -0.56 0.00	43.13 -0.30 0.00	41.78 0.59 0.00	31.79 0.56 0.00
V_D_10_SYNC_DSASP 323841	28.05 -0.06 0.00	-12.34 0.09 46.57	-12.30 0.05 47.99	-22.86 0.03 47.28	-22.90 0.07 46.51	-22.57 0.18 54.36	-14.33 0.54 93.24	47.77 0.62 42.57	29.27 0.19 58.62	28.01 0.17 0.00	29.73 0.28 0.00	28.75 0.21 0.00	28.41 0.19 0.00	30.16 0.14 0.00	31.21 0.31 0.00	30.43 0.28 0.00	43.25 0.72 0.00	54.93 0.74 0.00	102.45 1.08 0.00	57.35 0.74 0.00	41.30 0.53 0.00	44.00 0.57 0.00	41.70 0.49 0.00	31.67 0.43 0.00
V_E_10_SYNC_DSASP 323830	29.35 1.02 -0.22	35.65 1.26 -0.24	37.24 1.34 -0.26	25.60 0.98 -0.22	24.89 1.13 -0.23	36.76 1.89 -3.27	84.04 5.23 -0.43	90.81 5.92 4.82	94.20 5.84 -0.66	29.05 0.99 -0.23	30.86 0.84 -0.58	31.94 0.80 -2.61	30.76 0.71 -1.82	31.86 1.01 -0.82	32.90 1.47 -0.54	32.56 1.84 -0.57	44.97 2.43 -0.01	57.40 2.95 -0.25	106.64 5.13 -0.13	60.07 3.46 0.00	43.34 2.57 0.00	45.65 2.22 0.00	43.37 2.17 0.00	32.85 1.62 0.00

V_F_30_NSYNC___DSASP 323816	29.51 1.39 0.00	35.71 1.56 0.00	37.22 1.58 0.00	25.49 1.10 0.00	24.60 1.07 0.00	32.99 1.37 0.00	82.18 3.80 0.00	92.92 4.50 1.29	92.36 4.66 0.00	28.98 1.15 0.00	29.93 1.05 0.57	27.10 1.03 2.47	27.60 0.90 1.52	30.39 0.99 0.63	31.42 0.84 0.33	30.91 1.01 0.25	44.02 1.51 0.01	56.39 2.44 0.24	106.58 5.34 0.13	59.32 2.71 0.00	42.71 1.94 0.00	45.38 1.95 0.00	43.11 1.91 0.00	32.48 1.25 0.00
V_F_30_SYNC_DSASP 323786	28.97 0.86 0.00	35.11 0.96 0.00	36.53 0.89 0.00	25.06 0.66 0.00	24.12 0.59 0.00	32.27 0.66 0.00	80.12 1.75 0.00	90.23 1.83 1.31	90.09 2.39 0.00	28.50 0.66 0.00	29.47 0.63 0.61	26.52 0.66 2.67	27.10 0.53 1.65	29.95 0.61 0.69	30.98 0.44 0.35	30.34 0.46 0.27	42.99 0.48 0.02	54.73 0.79 0.26	103.28 2.05 0.14	57.49 0.88 0.00	41.44 0.66 0.00	44.12 0.69 0.00	41.87 0.67 0.00	31.68 0.44 0.00
V_XM_10_SYNC_DSASP 323789	26.38 -1.74 0.00	-14.00 -1.57 46.57	-24.38 -1.70 58.32	-24.07 -1.18 47.28	-24.00 -1.03 46.51	-24.09 -1.34 54.36	-24.46 -2.84 100.00	-25.16 -3.28 111.58	15.19 -3.52 69.00	27.35 -0.48 0.00	29.94 0.49 0.00	28.57 0.04 0.00	28.41 0.19 0.00	30.46 0.43 0.00	31.58 0.68 0.00	30.52 0.37 0.00	42.73 0.20 0.00	54.02 -0.18 0.00	100.70 -0.67 0.00	55.89 -0.72 0.00	40.21 -0.56 0.00	43.13 -0.30 0.00	41.78 0.59 0.00	31.79 0.56 0.00
W.BABYLN_69_KV_BK1 56697	30.36 2.25 0.00	36.46 2.32 0.00	37.89 2.25 0.00	25.98 1.58 0.00	24.86 1.33 0.00	32.76 1.52 0.38	81.19 3.84 1.02	87.30 5.45 7.86	73.69 6.27 20.29	28.01 2.15 1.98	37.70 2.26 -6.00	-0.77 2.37 31.68	14.65 2.29 15.86	37.67 2.46 -5.18	39.46 2.22 -6.34	35.14 2.21 -2.78	35.23 2.21 9.50	60.57 3.55 -2.82	94.02 6.49 13.84	56.78 3.09 2.92	41.25 2.48 2.01	43.74 2.59 2.27	41.91 2.54 1.83	32.99 1.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.04 1.92 0.00	36.20 2.05 0.00	37.68 2.04 0.00	25.79 1.40 0.00	24.81 1.28 0.00	33.42 1.81 0.00	83.11 4.73 0.00	94.10 6.14 1.74	94.51 6.81 0.00	30.02 2.19 0.00	39.65 2.30 -7.90	65.83 2.32 -34.97	52.03 2.19 -21.62	41.36 2.36 -8.98	37.67 2.17 -4.60	35.88 2.16 -3.57	45.04 2.31 -0.20	61.13 3.40 -3.53	110.14 6.87 -1.91	59.99 3.38 0.00	43.11 2.33 0.00	45.90 2.47 0.00	43.64 2.44 0.00	32.91 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.17 2.06 0.00	36.34 2.19 0.00	37.80 2.15 0.00	25.88 1.48 0.00	24.89 1.36 0.00	33.38 1.77 0.00	82.80 4.42 0.00	93.96 5.91 1.65	94.38 6.68 0.00	30.09 2.25 0.00	40.38 2.38 -8.55	88.11 2.38 -57.20	68.26 2.18 -37.85	48.11 2.36 -15.71	41.10 2.15 -8.06	38.56 2.16 -6.25	45.32 2.43 -0.36	63.89 3.49 -6.20	111.73 7.01 -3.35	60.10 3.48 0.00	43.17 2.40 0.00	45.96 2.54 0.00	43.71 2.51 0.00	33.03 1.80 0.00
W50THST__13_KV_LOAD 356117	30.28 2.16 0.00	36.45 2.31 0.00	37.92 2.28 0.00	25.96 1.56 0.00	24.97 1.44 0.00	33.49 1.88 0.00	83.11 4.74 0.00	94.37 6.32 1.65	94.78 7.08 0.00	30.22 2.39 0.00	40.53 2.54 -8.55	88.27 2.53 -57.20	68.42 2.34 -37.85	48.27 2.53 -15.71	41.28 2.33 -8.06	38.73 2.33 -6.25	45.55 2.67 -0.36	64.17 3.77 -6.20	112.22 7.50 -3.35	60.34 3.73 0.00	43.35 2.58 0.00	46.14 2.71 0.00	43.87 2.67 0.00	33.14 1.91 0.00
WADING RIVER_IC_1 23522	29.92 1.81 0.00	35.91 1.77 0.00	37.31 1.67 0.00	25.65 1.25 0.00	24.40 0.87 0.00	22.21 0.78 10.18	-18.37 1.84 98.59	3.58 3.01 89.13	-14.40 3.83 105.93	26.84 1.41 2.40	-38.43 1.43 69.30	-83.56 1.68 113.77	-35.32 1.45 65.00	-30.85 1.61 62.48	-11.18 1.36 43.44	-3.82 1.37 35.34	5.27 1.09 38.34	21.15 2.09 35.14	10.72 3.81 94.46	-12.88 1.65 71.15	27.11 1.44 15.10	-29.65 1.33 74.41	-18.39 1.46 61.05	30.56 0.94 1.61
WADING RIVER_IC_2 23547	29.92 1.81 0.00	35.91 1.77 0.00	37.31 1.67 0.00	25.65 1.25 0.00	24.40 0.87 0.00	22.21 0.78 10.18	-18.37 1.84 98.59	3.58 3.01 89.13	-14.40 3.83 105.93	26.84 1.41 2.40	-38.43 1.43 69.30	-83.56 1.68 113.77	-35.32 1.45 65.00	-30.85 1.61 62.48	-11.18 1.36 43.44	-3.82 1.37 35.34	5.27 1.09 38.34	21.15 2.09 35.14	10.72 3.81 94.46	-12.88 1.65 71.15	27.11 1.44 15.10	-29.65 1.33 74.41	-18.39 1.46 61.05	30.56 0.94 1.61
WADING RIVER_IC_3 23601	29.92 1.81 0.00	35.91 1.77 0.00	37.31 1.67 0.00	25.65 1.25 0.00	24.40 0.87 0.00	22.21 0.78 10.18	-18.37 1.84 98.59	3.58 3.01 89.13	-14.40 3.83 105.93	26.84 1.41 2.40	-38.43 1.43 69.30	-83.56 1.68 113.77	-35.32 1.45 65.00	-30.85 1.61 62.48	-11.18 1.36 43.44	-3.82 1.37 35.34	5.27 1.09 38.34	21.15 2.09 35.14	10.72 3.81 94.46	-12.88 1.65 71.15	27.11 1.44 15.10	-29.65 1.33 74.41	-18.39 1.46 61.05	30.56 0.94 1.61
WALDENNY_12_KV_BK2 80841	28.17 0.05 0.00	33.86 -0.29 0.00	35.32 -0.32 0.00	23.94 -0.46 0.00	22.88 -0.65 0.00	31.04 -0.57 0.00	75.28 -3.09 0.00	76.16 -6.65 6.90	83.31 -4.38 0.00	27.20 -0.63 0.00	29.57 -0.17 -0.29	28.62 -0.14 -0.22	28.93 0.71 0.00	30.66 0.63 0.00	31.09 0.19 0.00	29.85 -0.30 0.00	41.53 -1.00 0.00	52.14 -2.06 0.00	96.04 -5.33 0.00	54.34 -2.28 0.00	39.07 -1.71 0.00	41.90 -1.53 0.00	40.19 -1.01 0.00	30.95 -0.28 0.00
WALDEN___HYDRO 24148	30.09 1.98 0.00	36.27 2.12 0.00	37.78 2.13 0.00	25.85 1.45 0.00	24.87 1.33 0.00	33.37 1.76 0.00	82.99 4.62 0.00	93.92 5.94 1.72	94.22 6.52 0.00	29.87 2.04 0.00	35.45 2.09 -3.91	45.34 2.06 -14.75	38.93 1.92 -8.79	35.73 2.06 -3.65	34.64 1.87 -1.87	33.50 1.91 -1.44	44.84 2.23 -0.08	58.65 3.22 -1.24	108.63 6.59 -0.67	59.89 3.28 0.00	43.04 2.27 0.00	45.85 2.43 0.00	43.55 2.35 0.00	32.82 1.59 0.00
WARRENSBURG____ 23737	29.40 1.28 0.00	35.53 1.38 0.00	37.03 1.39 0.00	25.40 1.00 0.00	24.53 1.01 0.00	32.86 1.25 0.00	82.02 3.64 0.00	92.95 4.53 1.29	92.24 4.54 0.00	28.78 0.95 0.00	29.66 0.77 0.56	26.87 0.76 2.43	27.33 0.60 1.50	30.09 0.69 0.62	31.09 0.51 0.32	30.64 0.74 0.25	43.84 1.33 0.01	56.31 2.35 0.24	106.72 5.47 0.13	59.42 2.81 0.00	42.76 1.99 0.00	45.29 1.87 0.00	42.98 1.78 0.00	32.31 1.08 0.00
WATERSIDE___6 8 9 23538	30.21 2.09 0.00	36.35 2.21 0.00	37.82 2.18 0.00	25.90 1.51 0.00	24.91 1.38 0.00	33.40 1.79 0.00	82.83 4.46 0.00	93.87 5.82 1.65	94.35 6.65 0.00	30.12 2.29 0.00	40.38 2.39 -8.54	96.39 2.39 -65.47	74.33 2.08 -44.03	50.56 2.25 -18.28	42.34 2.07 -9.37	39.51 2.09 -7.27	45.28 2.34 -0.41	64.77 3.36 -7.22	111.97 6.70 -3.90	60.06 3.45 0.00	43.17 2.40 0.00	45.96 2.54 0.00	43.76 2.56 0.00	33.08 1.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.03 0.92 0.00	35.12 0.97 0.00	36.65 1.01 0.00	25.10 0.70 0.00	24.21 0.68 0.00	32.55 0.94 0.00	80.84 2.47 0.00	92.67 4.02 1.06	93.32 5.62 0.00	28.71 0.87 0.00	29.88 0.43 0.00	28.93 0.39 0.00	28.51 0.29 0.00	30.33 0.30 0.00	31.12 0.22 0.00	30.64 0.49 0.00	43.45 0.92 0.00	55.76 1.56 0.00	104.48 3.11 0.00	58.26 1.65 0.00	42.00 1.23 0.00	44.72 1.29 0.00	42.43 1.23 0.00	32.04 0.81 0.00

WDELAWARE___HYD 323627	29.52 1.40 0.00	35.60 1.45 0.00	37.14 1.49 0.00	25.39 0.99 0.00	24.42 0.89 0.00	32.79 1.18 0.00	81.55 3.18 0.00	92.13 4.29 1.87	92.47 4.77 0.00	29.22 1.39 0.00	33.83 1.31 -3.07	41.49 1.26 -11.70	36.20 0.98 -6.99	33.30 0.37 -2.90	32.58 0.19 -1.49	31.59 0.29 -1.15	42.75 0.16 -0.06	55.94 0.73 -1.01	103.97 2.05 -0.54	57.44 0.82 0.00	41.46 0.68 0.00	45.17 1.74 0.00	42.87 1.67 0.00	32.31 1.07 0.00
WEST BABYLON___IC 23714	30.36 2.25 0.00	36.46 2.32 0.00	37.89 2.25 0.00	25.98 1.58 0.00	24.86 1.33 0.00	32.76 1.52 0.38	81.19 3.84 1.02	87.30 5.45 7.86	73.69 6.27 20.29	28.01 2.15 1.98	37.70 2.26 -6.00	-0.77 2.37 31.68	14.65 2.29 15.86	37.67 2.46 -5.18	39.46 2.22 -6.34	35.14 2.21 -2.78	35.23 2.21 9.50	60.57 3.55 -2.82	94.02 6.49 13.84	56.78 3.09 2.92	41.25 2.48 2.01	43.74 2.59 2.27	41.91 2.54 1.83	32.99 1.76 0.00
WEST CANADA___HYD 24049	28.29 0.18 0.00	34.32 0.17 0.00	35.83 0.19 0.00	24.53 0.13 0.00	23.65 0.12 0.00	31.76 0.15 0.00	78.73 0.35 0.00	89.54 0.89 1.06	88.59 0.89 0.00	28.02 0.19 0.00	29.57 0.12 0.00	28.66 0.12 0.00	28.31 0.09 0.00	30.15 0.13 0.00	31.00 0.11 0.00	30.31 0.16 0.00	42.70 0.17 0.00	54.50 0.31 0.00	102.07 0.70 0.00	56.95 0.34 0.00	41.02 0.25 0.00	43.69 0.27 0.00	41.43 0.23 0.00	31.37 0.14 0.00
WESTERN_NY_WIND 24143	28.51 0.40 0.00	34.28 0.13 0.00	35.73 0.09 0.00	24.27 -0.13 0.00	23.28 -0.25 0.00	31.61 0.00 0.00	77.03 -1.35 0.00	78.86 -3.89 6.96	85.70 -2.00 0.00	27.63 -0.21 0.00	29.78 0.08 -0.25	28.93 0.20 -0.19	29.46 1.24 0.00	31.14 1.11 0.00	31.27 0.37 0.00	30.09 -0.06 0.00	42.28 -0.24 0.00	53.15 -1.05 0.00	98.63 -2.74 0.00	55.81 -0.80 0.00	40.11 -0.66 0.00	42.95 -0.47 0.00	40.96 -0.24 0.00	31.45 0.22 0.00
WESTOVER___LESR 323668	28.53 0.42 0.00	34.49 0.34 0.00	36.05 0.41 0.00	24.66 0.27 0.00	23.72 0.19 0.00	31.95 0.34 0.00	79.06 0.69 0.00	83.90 0.30 6.11	88.66 0.96 0.00	28.07 0.23 0.00	30.32 0.27 -0.60	31.48 0.30 -2.65	30.25 0.39 -1.63	31.33 0.62 -0.67	31.79 0.55 -0.35	30.83 0.42 -0.27	42.71 0.17 -0.02	54.75 0.29 -0.26	101.63 0.11 -0.14	56.71 0.09 0.00	40.87 0.10 0.00	43.50 0.07 0.00	41.51 0.31 0.00	31.49 0.25 0.00
WETHRSFD_WT_PWR 323626	27.62 -0.29 0.20	33.38 -0.54 0.22	34.89 -0.52 0.24	23.66 -0.53 0.20	22.52 -0.79 0.21	27.74 -0.87 3.01	75.08 -3.14 0.15	81.88 -3.93 3.90	75.85 -3.33 8.52	-23.67 -1.52 49.98	-23.71 -1.72 51.43	-23.71 -1.64 50.61	12.98 -1.19 14.06	28.11 -0.34 1.59	30.48 -0.47 -0.05	28.89 -1.17 0.09	40.36 -2.17 -0.01	51.66 -2.69 -0.16	96.24 -5.21 -0.08	54.21 -2.40 0.00	38.83 -1.94 0.00	41.44 -1.99 0.00	39.87 -1.32 0.00	30.68 -0.55 0.00
WHAVSTOR_138KV_BK127 55557	29.88 1.76 0.00	36.01 1.86 0.00	37.49 1.85 0.00	25.66 1.26 0.00	24.67 1.14 0.00	33.09 1.48 0.00	82.22 3.85 0.00	93.07 5.10 1.73	93.47 5.77 0.00	29.72 1.89 0.00	39.44 1.97 -8.02	65.92 2.00 -35.39	51.95 1.86 -21.87	41.11 2.00 -9.08	37.34 1.79 -4.66	35.55 1.79 -3.61	44.71 1.98 -0.20	60.71 2.97 -3.55	109.40 6.11 -1.92	59.56 2.95 0.00	42.80 2.03 0.00	45.59 2.16 0.00	43.36 2.16 0.00	32.72 1.49 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.88 1.76 0.00	36.01 1.86 0.00	37.49 1.85 0.00	25.66 1.26 0.00	24.67 1.14 0.00	33.09 1.48 0.00	82.22 3.85 0.00	93.07 5.10 1.73	93.47 5.77 0.00	29.72 1.89 0.00	39.44 1.97 -8.02	65.92 2.00 -35.39	51.95 1.86 -21.87	41.11 2.00 -9.08	37.34 1.79 -4.66	35.55 1.79 -3.61	44.71 1.98 -0.20	60.71 2.97 -3.55	109.40 6.11 -1.92	59.56 2.95 0.00	42.80 2.03 0.00	45.59 2.16 0.00	43.36 2.16 0.00	32.72 1.49 0.00
WHITEHAL_115KV_TB1 80871	30.01 1.90 0.00	36.09 1.95 0.00	37.57 1.93 0.00	25.93 1.53 0.00	25.12 1.59 0.00	33.77 2.16 0.00	84.49 6.12 0.00	96.37 7.95 1.29	95.64 7.94 0.00	29.48 1.65 0.00	30.16 1.27 0.56	27.24 1.15 2.44	27.57 0.86 1.51	30.53 1.13 0.63	31.43 0.86 0.32	31.24 1.34 0.25	44.91 2.40 0.01	57.90 3.94 0.24	110.70 9.46 0.13	61.78 5.17 0.00	44.46 3.69 0.00	46.70 3.28 0.00	44.28 3.09 0.00	33.07 1.84 0.00
WHITEPLN_13_KV_LOAD 356215	30.20 2.09 0.00	36.37 2.22 0.00	37.85 2.21 0.00	25.91 1.51 0.00	24.93 1.39 0.00	33.42 1.81 0.00	83.04 4.66 0.00	94.25 6.21 1.67	94.60 6.90 0.00	30.11 2.28 0.00	40.45 2.38 -8.61	72.43 2.38 -41.52	56.55 2.21 -26.11	43.26 2.39 -10.84	38.66 2.20 -5.56	36.67 2.21 -4.31	45.33 2.56 -0.24	62.15 3.70 -4.26	111.18 7.51 -2.30	60.36 3.74 0.00	43.36 2.58 0.00	46.16 2.73 0.00	43.86 2.66 0.00	33.09 1.86 0.00
WM_FLOYD_69_KV_BK2 356380	30.03 1.92 0.00	36.04 1.90 0.00	37.42 1.78 0.00	25.73 1.33 0.00	24.52 0.99 0.00	19.93 0.96 12.65	-44.96 2.36 125.70	-14.42 3.65 107.78	-33.36 4.41 125.47	26.98 1.54 2.40	-113.49 1.65 144.59	-167.37 1.86 197.76	-118.18 1.71 148.11	-144.77 1.86 176.65	-94.88 1.58 127.36	-67.31 1.61 99.06	-40.02 1.44 83.99	-28.23 2.58 85.00	-65.46 4.73 171.56	-73.81 2.12 132.54	20.03 1.73 22.47	-96.72 1.68 141.83	-73.56 1.74 116.50	29.09 1.13 3.27
WOODARD___115KV_TB2 355635	27.80 -0.32 0.00	33.66 -0.49 0.00	35.14 -0.50 0.00	24.05 -0.35 0.00	23.18 -0.35 0.00	31.19 -0.42 0.00	77.33 -1.05 0.00	83.34 -1.58 4.78	86.53 -1.17 0.00	27.42 -0.41 0.00	29.14 -0.49 -0.18	28.23 -0.45 -0.13	27.90 -0.32 0.00	29.84 -0.19 0.00	30.67 -0.22 0.00	29.86 -0.28 0.00	41.93 -0.60 0.00	53.43 -0.76 0.00	99.81 -1.56 0.00	55.77 -0.84 0.00	40.18 -0.59 0.00	42.78 -0.64 0.00	40.55 -0.65 0.00	30.76 -0.48 0.00
WOODMERE_69_KV_BK1 55827	30.35 2.24 0.00	36.49 2.34 0.00	37.93 2.29 0.00	26.00 1.60 0.00	24.91 1.38 0.00	33.25 1.64 0.00	82.31 3.93 0.00	93.66 5.61 1.65	94.24 6.54 0.00	30.05 2.21 0.00	40.35 2.37 -8.53	1.52 2.52 29.54	22.23 2.46 8.45	49.06 2.63 -16.40	48.10 2.39 -14.81	43.30 2.38 -10.78	44.65 2.42 0.30	70.53 3.82 -12.52	112.56 7.31 -3.87	60.19 3.57 -0.01	43.48 2.71 0.00	46.19 2.76 0.00	43.91 2.71 0.00	33.15 1.92 0.00
YORK___WARBASSE 23770	30.29 2.17 0.00	36.44 2.29 0.00	37.91 2.27 0.00	25.96 1.56 0.00	24.96 1.43 0.00	33.47 1.86 0.00	83.04 4.66 0.00	94.23 6.17 1.65	94.66 6.96 0.00	30.21 2.37 0.00	40.46 2.47 -8.54	96.44 2.44 -65.47	74.27 2.02 -44.03	50.53 2.22 -18.28	42.34 2.07 -9.37	39.47 2.05 -7.27	45.27 2.33 -0.41	64.85 3.43 -7.22	112.10 6.83 -3.90	60.34 3.73 0.00	43.33 2.56 0.00	46.15 2.72 0.00	43.93 2.73 0.00	33.21 1.98 0.00