

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/04/2026

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	34.37	31.33	28.13	26.25	26.87	30.16	35.71	36.18	33.28	33.04	35.06	37.17	40.00	42.43	44.73	52.18	60.13	69.59	77.52	91.25	80.57	62.68	49.37	40.37
24138	2.25	1.96	1.78	1.58	1.65	1.97	2.49	2.86	2.86	2.87	3.19	3.19	3.57	4.13	4.50	4.61	5.16	6.56	6.73	8.07	5.55	4.05	3.40	2.61
	0.00	-2.84	-2.66	-2.78	-3.26	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-5.27	-6.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.37	31.38	28.18	26.29	26.89	30.19	35.71	36.18	33.28	33.01	35.06	37.17	40.00	42.43	44.69	52.14	60.13	69.40	77.52	91.25	80.64	62.74	49.42	40.44
24260	2.25	2.02	1.82	1.62	1.67	2.00	2.49	2.86	2.86	2.84	3.19	3.19	3.57	4.13	4.46	4.57	5.16	6.37	6.73	8.07	5.63	4.10	3.45	2.68
	0.00	-2.84	-2.66	-2.78	-3.26	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-5.27	-6.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.37	31.38	28.18	26.29	26.89	30.19	35.71	36.18	33.28	33.01	35.06	37.17	40.00	42.43	44.69	52.14	60.13	69.40	77.52	91.25	80.64	62.74	49.42	40.44
24261	2.25	2.02	1.82	1.62	1.67	2.00	2.49	2.86	2.86	2.84	3.19	3.19	3.57	4.13	4.46	4.57	5.16	6.37	6.73	8.07	5.63	4.10	3.45	2.68
	0.00	-2.84	-2.66	-2.78	-3.26	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-5.27	-6.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.18	31.92	28.67	26.89	27.57	30.63	35.58	35.34	31.85	31.35	32.99	35.44	37.96	40.08	42.18	44.67	51.30	67.00	75.11	89.42	80.57	63.26	49.23	40.48
24011	2.06	1.80	1.61	1.49	1.49	1.77	2.36	2.03	1.43	1.18	1.12	1.46	1.53	1.80	1.97	2.37	3.09	3.97	4.32	6.24	5.55	4.63	3.26	2.72
	0.00	-3.59	-3.36	-3.52	-4.12	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.34	32.05	28.81	27.00	27.68	30.79	35.75	35.48	31.97	31.44	33.11	35.57	38.07	40.20	42.38	44.88	51.59	67.38	75.61	90.25	81.32	63.85	49.60	40.67
23798	2.21	1.94	1.75	1.60	1.60	1.92	2.52	2.16	1.55	1.27	1.24	1.60	1.64	1.91	2.17	2.58	3.37	4.35	4.82	7.07	6.30	5.22	3.63	2.91
	0.00	-3.59	-3.37	-3.52	-4.12	-3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.18	31.92	28.67	26.89	27.57	30.63	35.58	35.34	31.85	31.35</														

ALBANY___2 23572	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.79 -3.13	34.32 1.10 0.00	34.31 1.00 0.00	30.88 0.46 0.00	30.48 0.30 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.89 0.61 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.64 0.00	46.52 0.55 0.00	38.33 0.57 0.00
ALBANY___3 23573	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.79 -3.13	34.32 1.10 0.00	34.31 1.00 0.00	30.88 0.46 0.00	30.48 0.30 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.89 0.61 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.64 0.00	46.52 0.55 0.00	38.33 0.57 0.00
ALBANY___4 23574	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.79 -3.13	34.32 1.10 0.00	34.31 1.00 0.00	30.88 0.46 0.00	30.48 0.30 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.89 0.61 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.64 0.00	46.52 0.55 0.00	38.33 0.57 0.00
ALBANY___LFGE 323615	33.25 1.12 0.00	31.08 1.03 -3.52	27.91 0.92 -3.30	26.23 0.90 -3.44	26.85 0.86 -4.04	29.80 1.00 -3.16	34.55 1.33 0.00	34.58 1.27 0.00	31.12 0.70 0.00	30.75 0.57 0.00	32.41 0.54 0.00	34.62 0.64 0.00	37.15 0.73 0.00	39.16 0.88 0.00	41.30 1.09 0.00	43.48 1.18 0.00	49.37 1.16 0.00	64.54 1.51 0.00	72.43 1.63 0.00	85.43 2.25 0.00	76.81 1.80 0.00	60.04 1.40 0.00	47.03 1.06 0.00	38.67 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	32.00 -0.13 0.00	26.29 -0.24 0.00	23.43 -0.26 0.00	21.69 -0.20 0.00	21.74 -0.22 0.00	25.46 -0.18 0.00	32.89 -0.33 0.00	32.91 -0.40 0.00	30.12 -0.30 0.00	29.93 -0.24 0.00	31.68 -0.19 0.00	33.81 -0.17 0.00	36.21 -0.22 0.00	38.02 -0.27 0.00	39.85 -0.36 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.27 -0.91 0.00	74.49 -0.52 0.00	58.16 -0.47 0.00	45.70 -0.27 0.00	37.58 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	32.00 -0.13 0.00	26.29 -0.24 0.00	23.43 -0.26 0.00	21.69 -0.20 0.00	21.74 -0.22 0.00	25.46 -0.18 0.00	32.89 -0.33 0.00	32.91 -0.40 0.00	30.12 -0.30 0.00	29.93 -0.24 0.00	31.68 -0.19 0.00	33.81 -0.17 0.00	36.21 -0.22 0.00	38.01 -0.27 0.00	39.85 -0.36 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.27 -0.92 0.00	74.49 -0.53 0.00	58.16 -0.47 0.00	45.69 -0.28 0.00	37.57 -0.19 0.00
ALCOA___DSASP 323711	32.00 -0.13 0.00	26.29 -0.24 0.00	23.43 -0.26 0.00	21.69 -0.20 0.00	21.74 -0.22 0.00	25.46 -0.18 0.00	32.89 -0.33 0.00	32.91 -0.40 0.00	30.12 -0.30 0.00	29.93 -0.24 0.00	31.68 -0.19 0.00	33.81 -0.17 0.00	36.21 -0.22 0.00	38.01 -0.27 0.00	39.85 -0.36 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.27 -0.92 0.00	74.49 -0.53 0.00	58.16 -0.47 0.00	45.69 -0.28 0.00	37.57 -0.19 0.00
ALLEGHENY___COGEN 23514	31.47 -0.74 -0.08	27.64 -0.43 -1.54	24.80 -0.33 -1.44	23.03 -0.37 -1.51	23.39 -0.35 -1.78	26.87 -0.49 -1.72	47.83 -0.43 -15.04	45.72 -0.43 -12.84	37.91 -0.73 -8.22	29.14 -1.12 -0.08	31.63 -1.37 -1.13	42.55 -1.49 -10.06	48.99 -1.60 -14.17	55.61 -1.68 -19.01	57.61 -1.69 -19.09	52.63 -4.02 -14.35	78.62 -4.43 -34.84	107.51 -5.67 -50.15	110.04 -5.24 -44.48	141.27 -4.83 -62.91	117.02 -4.05 -46.05	92.50 -3.58 -37.44	63.75 -2.85 -20.63	47.47 0.04 -9.67
ALTAMONT_115KV_TB 2 55880	33.06 0.93 0.00	30.84 0.85 -3.47	27.70 0.76 -3.25	25.99 0.70 -3.40	26.64 0.70 -3.98	29.57 0.82 -3.12	34.32 1.10 0.00	34.38 1.07 0.00	31.21 0.79 0.00	30.87 0.69 0.00	32.60 0.73 0.00	34.76 0.78 0.00	37.26 0.84 0.00	39.32 1.03 0.00	41.34 1.13 0.00	43.22 1.18 0.26	49.08 1.21 0.34	64.54 1.51 0.00	72.35 1.56 0.00	85.18 2.00 0.00	76.59 1.58 0.00	59.86 1.23 0.00	46.98 1.01 0.00	38.63 0.87 0.00
ALTONA_WT_PWR 323606	31.84 -0.29 0.00	26.18 -0.35 0.00	23.36 -0.33 0.00	21.63 -0.26 0.00	21.70 -0.26 0.00	25.38 -0.26 0.00	32.79 -0.43 0.00	32.88 -0.43 0.00	30.15 -0.27 0.00	30.00 -0.18 0.00	31.71 -0.16 0.00	33.84 -0.14 0.00	36.21 -0.22 0.00	37.97 -0.31 0.00	39.85 -0.36 0.00	42.00 -0.29 0.00	47.93 -0.29 0.00	62.53 -0.51 0.00	70.37 -0.42 0.00	82.35 -0.83 0.00	74.41 -0.60 0.00	57.93 -0.70 0.00	45.33 -0.64 0.00	37.23 -0.53 0.00
AMERICAN_REF_FUEL 24010	27.90 -4.21 0.02	23.44 -3.18 -0.10	21.09 -2.70 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.54 -3.62 0.01	27.88 -3.70 0.30	27.83 -3.63 2.51	28.90 -4.01 3.52	29.07 -4.21 5.00	30.81 -4.38 5.02	33.90 -4.65 3.74	33.71 -5.25 9.25	41.29 -6.56 15.18	51.03 -7.57 12.19	56.71 -9.24 17.24	53.28 -8.40 13.33	39.42 -6.80 12.41	33.73 -5.47 6.77	31.20 -4.15 2.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.47 -2.63 0.03	24.47 -2.15 -0.09	21.88 -1.90 -0.09	20.21 -1.77 -0.09	20.28 -1.78 -0.10	23.82 -1.80 0.03	26.54 -2.13 4.56	27.76 -1.66 3.89	26.49 -1.43 2.50	28.55 -1.60 0.03	29.89 -1.62 0.36	29.19 -1.73 3.05	30.28 -1.86 4.29	31.74 -1.80 4.74	33.68 -1.77 4.76	36.74 -1.99 3.57	37.32 -2.07 8.82	46.00 -2.40 14.64	56.30 -2.69 11.80	63.16 -3.33 16.69	58.83 -3.22 12.97	43.64 -2.93 12.06	35.46 -2.67 7.84	32.64 -2.19 2.93
ARTHUR KILL_GT_1 23520	34.74 2.60 -0.01	31.71 2.33 -2.85	28.50 2.13 -2.67	26.61 1.93 -2.79	27.20 1.98 -3.27	30.55 2.36 -2.55	36.05 2.82 0.00	36.48 3.16 0.00	33.56 3.13 -0.01	33.23 3.05 -0.01	35.13 3.25 -0.01	37.31 3.33 -0.01	40.11 3.68 -0.01	42.63 4.33 -0.02	44.90 4.66 -0.02	52.27 4.70 -5.28	59.94 4.97 -6.76	68.89 5.86 0.00	76.95 6.16 0.00	90.59 7.40 0.00	79.82 4.80 0.00	62.62 3.99 0.00	49.70 3.72 -0.01	40.72 2.95 -0.01
ARTHUR_KILL_2 23512	34.64 2.51 -0.01	31.63 2.25 -2.85	28.42 2.06 -2.67	26.54 1.86 -2.79	27.14 1.91 -3.27	30.50 2.31 -2.55	35.95 2.72 0.00	36.34 3.03 0.00	33.47 3.04 -0.01	33.20 3.02 -0.01	35.03 3.16 -0.01	37.25 3.26 -0.01	40.01 3.57 -0.01	42.36 4.06 -0.02	44.78 4.54 -0.02	52.17 4.57 -5.30	59.82 4.82 -6.79	68.64 5.61 0.00	76.67 5.87 0.00	90.25 7.07 0.00	79.52 4.50 0.00	62.44 3.81 0.00	49.57 3.59 -0.01	40.45 2.68 -0.01
ARTHUR_KILL_3 23513	34.08 1.96 0.00	31.12 1.75 -2.84	27.94 1.59 -2.66	26.07 1.40 -2.78	26.69 1.47 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.84 2.53 0.00	33.00 2.58 0.00	32.83 2.66 0.00	34.77 2.90 0.00	36.90 2.92 0.00	39.67 3.24 0.00	41.94 3.64 -0.02	44.37 4.14 -0.02	51.78 4.19 -5.29	59.58 4.58 -6.79	68.64 5.61 0.00	76.74 5.95 0.00	90.25 7.07 0.00	79.75 4.73 0.00	62.03 3.40 0.00	48.96 2.99 0.00	39.91 2.15 0.00

ARTHUR_KILL_COGEN 323718	34.73 2.60 -0.01	31.71 2.33 -2.85	28.50 2.13 -2.67	26.61 1.93 -2.79	27.20 1.98 -3.27	30.55 2.36 -2.55	36.04 2.82 0.00	36.44 3.13 0.00	33.56 3.13 -0.01	33.29 3.11 -0.01	35.13 3.25 -0.01	37.35 3.36 -0.01	40.11 3.68 -0.01	42.48 4.17 -0.02	44.90 4.66 -0.02	52.29 4.69 -5.30	60.02 5.01 -6.79	68.89 5.86 0.00	76.95 6.16 0.00	90.59 7.40 0.00	79.82 4.81 0.00	62.67 4.04 0.00	49.70 3.72 -0.01	40.57 2.79 -0.01
ASHOKAN____ 23654	34.21 2.09 0.00	30.31 0.61 -3.17	27.17 0.50 -2.97	25.46 0.46 -3.11	26.02 0.42 -3.64	29.03 0.54 -2.85	35.15 1.93 0.00	35.08 1.76 0.00	31.82 1.40 0.00	31.44 1.27 0.00	33.18 1.31 0.00	35.37 1.39 0.00	38.14 1.71 0.00	40.42 2.14 0.00	42.95 2.74 0.00	48.08 3.93 -1.85	55.46 4.87 -2.38	68.26 5.23 0.00	76.88 6.09 0.00	90.83 7.65 0.00	81.17 6.15 0.00	62.97 4.34 0.00	49.23 3.26 0.00	40.25 2.49 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.14 2.03 0.01	31.31 1.94 -2.85	28.07 1.71 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.04 1.85 -2.55	35.27 2.06 0.01	35.70 2.40 0.01	33.00 2.58 0.01	32.82 2.66 0.01	34.79 2.93 0.01	36.85 2.89 0.01	39.62 3.21 0.01	42.00 3.71 -0.01	44.53 4.30 -0.01	51.81 4.23 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.17 5.38 0.01	89.67 6.49 0.01	79.06 4.05 0.01	61.73 3.11 0.01	48.81 2.85 0.01	39.94 2.19 0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.14 2.03 0.01	31.29 1.91 -2.85	28.07 1.71 -2.67	26.19 1.51 -2.79	26.79 1.56 -3.27	30.04 1.85 -2.55	35.27 2.06 0.01	35.70 2.40 0.01	33.00 2.58 0.01	32.82 2.66 0.01	34.79 2.93 0.01	36.85 2.89 0.01	39.62 3.21 0.01	42.00 3.71 -0.01	44.53 4.30 -0.01	51.81 4.23 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.17 5.38 0.01	89.67 6.49 0.01	79.06 4.05 0.01	61.73 3.11 0.01	48.81 2.85 0.01	39.94 2.19 0.01
ASTORIA_GT2_1 24094	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT2_2 24095	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT2_3 24096	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT2_4 24097	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT3_1 24098	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT3_2 24099	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT3_3 24100	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT3_4 24101	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT4_1 24102	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT4_2 24103	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT4_3 24104	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01

ASTORIA_GT4_4 24105	34.17 2.06 0.01	31.31 1.94 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.28 2.06 0.00	35.78 2.47 0.00	33.00 2.59 0.01	32.76 2.60 0.01	34.83 2.96 0.01	36.86 2.89 0.01	39.66 3.24 0.01	42.16 3.87 -0.01	44.49 4.26 -0.02	51.84 4.27 -5.27	59.41 4.44 -6.76	68.26 5.23 0.00	76.18 5.38 0.00	89.67 6.49 0.00	79.14 4.13 0.00	61.74 3.11 0.00	48.86 2.90 0.01	40.10 2.34 0.01
ASTORIA_GT_1 23523	34.21 2.09 0.01	31.34 1.96 -2.85	28.14 1.78 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.35 2.13 0.00	35.81 2.50 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.92 3.06 0.01	36.92 2.96 0.01	39.73 3.31 0.01	42.23 3.94 -0.01	44.57 4.34 -0.02	51.93 4.36 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.39 5.59 0.00	89.92 6.74 0.00	79.29 4.28 0.00	61.86 3.22 0.00	48.95 2.99 0.01	40.17 2.42 0.01
ASTORIA_GT_10 24110	34.31 2.18 0.00	31.36 1.99 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.33 0.00	36.01 2.70 0.00	33.20 2.77 -0.01	32.93 2.75 -0.01	34.94 3.06 -0.01	37.04 3.06 -0.01	39.86 3.42 -0.01	42.25 3.94 -0.02	44.49 4.26 -0.02	51.93 4.36 -5.27	59.70 4.73 -6.76	68.64 5.61 0.00	76.67 5.88 0.00	90.26 7.07 0.00	79.59 4.58 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.29 2.53 0.00
ASTORIA_GT_11 24225	34.31 2.18 0.00	31.36 1.99 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.33 0.00	36.01 2.70 0.00	33.20 2.77 -0.01	32.93 2.75 -0.01	34.94 3.06 -0.01	37.04 3.06 -0.01	39.86 3.42 -0.01	42.25 3.94 -0.02	44.49 4.26 -0.02	51.93 4.36 -5.27	59.70 4.73 -6.76	68.64 5.61 0.00	76.67 5.88 0.00	90.26 7.07 0.00	79.59 4.58 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.29 2.53 0.00
ASTORIA_GT_12 24226	34.31 2.18 0.00	31.36 1.99 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.33 0.00	36.01 2.70 0.00	33.20 2.77 -0.01	32.93 2.75 -0.01	34.94 3.06 -0.01	37.04 3.06 -0.01	39.86 3.42 -0.01	42.25 3.94 -0.02	44.49 4.26 -0.02	51.93 4.36 -5.27	59.70 4.73 -6.76	68.64 5.61 0.00	76.67 5.88 0.00	90.26 7.07 0.00	79.59 4.58 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.29 2.53 0.00
ASTORIA_GT_13 24227	34.31 2.18 0.00	31.36 1.99 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.33 0.00	36.01 2.70 0.00	33.20 2.77 -0.01	32.93 2.75 -0.01	34.94 3.06 -0.01	37.04 3.06 -0.01	39.86 3.42 -0.01	42.25 3.94 -0.02	44.49 4.26 -0.02	51.93 4.36 -5.27	59.70 4.73 -6.76	68.64 5.61 0.00	76.67 5.88 0.00	90.26 7.07 0.00	79.59 4.58 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.29 2.53 0.00
ASTORIA_GT_5 24106	34.21 2.09 0.01	31.34 1.96 -2.85	28.14 1.78 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.35 2.13 0.00	35.81 2.50 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.92 3.06 0.01	36.92 2.96 0.01	39.73 3.31 0.01	42.23 3.94 -0.01	44.57 4.34 -0.02	51.93 4.36 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.39 5.59 0.00	89.92 6.74 0.00	79.29 4.28 0.00	61.86 3.22 0.00	48.95 2.99 0.01	40.17 2.42 0.01
ASTORIA_GT_7 24107	34.21 2.09 0.01	31.34 1.96 -2.85	28.14 1.78 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.35 2.13 0.00	35.81 2.50 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.92 3.06 0.01	36.92 2.96 0.01	39.73 3.31 0.01	42.23 3.94 -0.01	44.57 4.34 -0.02	51.93 4.36 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.39 5.59 0.00	89.92 6.74 0.00	79.29 4.28 0.00	61.86 3.22 0.00	48.95 2.99 0.01	40.17 2.42 0.01
ASTORIA_GT_8 24108	34.21 2.09 0.01	31.34 1.96 -2.85	28.14 1.78 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.35 2.13 0.00	35.81 2.50 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.92 3.06 0.01	36.92 2.96 0.01	39.73 3.31 0.01	42.23 3.94 -0.01	44.57 4.34 -0.02	51.93 4.36 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.39 5.59 0.00	89.92 6.74 0.00	79.29 4.28 0.00	61.86 3.22 0.00	48.95 2.99 0.01	40.17 2.42 0.01
ASTORIA___2 24149	34.17 2.06 0.01	31.31 1.94 -2.85	28.07 1.71 -2.67	26.21 1.53 -2.79	26.81 1.58 -3.27	30.06 1.87 -2.55	35.27 2.06 0.01	35.73 2.43 0.01	33.00 2.58 0.01	32.85 2.68 0.01	34.83 2.96 0.01	36.89 2.92 0.01	39.66 3.24 0.01	42.04 3.75 -0.01	44.53 4.30 -0.01	51.86 4.27 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.24 5.45 0.01	89.67 6.49 0.01	79.13 4.12 0.01	61.73 3.11 0.01	48.86 2.90 0.01	39.94 2.19 0.01
ASTORIA___3 23516	34.31 2.19 0.00	31.36 1.99 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.32 0.00	35.98 2.67 0.00	33.20 2.77 -0.01	32.99 2.81 -0.01	34.94 3.06 -0.01	37.08 3.09 -0.01	39.86 3.42 -0.01	42.13 3.83 -0.02	44.49 4.26 -0.02	51.95 4.36 -5.30	59.73 4.73 -6.79	68.64 5.61 0.00	76.67 5.87 0.00	90.25 7.07 0.00	79.67 4.65 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.14 2.38 0.00
ASTORIA___4 23517	34.31 2.18 0.00	31.36 1.99 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.33 0.00	36.01 2.70 0.00	33.20 2.77 -0.01	32.93 2.75 -0.01	34.94 3.06 -0.01	37.04 3.06 -0.01	39.86 3.42 -0.01	42.25 3.94 -0.02	44.49 4.26 -0.02	51.93 4.36 -5.27	59.70 4.73 -6.76	68.64 5.61 0.00	76.67 5.88 0.00	90.26 7.07 0.00	79.59 4.58 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.29 2.53 0.00
ASTORIA___5 23518	34.31 2.19 0.00	31.36 1.99 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.32 0.00	35.98 2.67 0.00	33.20 2.77 -0.01	32.99 2.81 -0.01	34.94 3.06 -0.01	37.08 3.09 -0.01	39.86 3.42 -0.01	42.13 3.83 -0.02	44.49 4.26 -0.02	51.95 4.36 -5.30	59.73 4.73 -6.79	68.64 5.61 0.00	76.67 5.87 0.00	90.25 7.07 0.00	79.67 4.65 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.14 2.38 0.00
AST_ENERGY_2_CC3 323677	34.21 2.09 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.86 2.68 0.00	34.80 2.93 0.00	36.97 2.99 0.00	39.71 3.28 0.00	41.97 3.68 -0.02	44.41 4.18 -0.02	51.86 4.27 -5.29	59.73 4.73 -6.79	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.10 3.13 0.00	40.07 2.30 0.00
AST_ENERGY_2_CC4 323678	34.21 2.09 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.86 2.68 0.00	34.80 2.93 0.00	36.97 2.99 0.00	39.71 3.28 0.00	41.97 3.68 -0.02	44.41 4.18 -0.02	51.86 4.27 -5.29	59.73 4.73 -6.79	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.10 3.13 0.00	40.07 2.30 0.00

ATHENS_STG_1 23668	33.28	30.73	27.58	25.82	26.42	29.48	34.55	34.71	31.67	31.38	33.15	35.30	37.88	39.93	42.02	41.96	47.43	65.43	73.20	86.09	77.11	60.15	47.30	38.86
	1.15	1.06	0.95	0.85	0.86	1.03	1.33	1.40	1.25	1.21	1.28	1.32	1.46	1.64	1.81	1.78	1.93	2.39	2.41	2.91	2.10	1.52	1.33	1.10
	0.00	-3.14	-2.94	-3.07	-3.60	-2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	33.28	30.73	27.58	25.82	26.42	29.48	34.55	34.71	31.67	31.38	33.15	35.30	37.88	39.93	42.02	41.96	47.43	65.43	73.20	86.09	77.11	60.15	47.30	38.86
	1.15	1.06	0.95	0.85	0.86	1.03	1.33	1.40	1.25	1.21	1.28	1.32	1.46	1.64	1.81	1.78	1.93	2.39	2.41	2.91	2.10	1.52	1.33	1.10
	0.00	-3.14	-2.94	-3.07	-3.60	-2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	33.28	30.73	27.58	25.82	26.42	29.48	34.55	34.71	31.67	31.38	33.15	35.30	37.88	39.93	42.02	41.96	47.43	65.43	73.20	86.09	77.11	60.15	47.30	38.86
	1.15	1.06	0.95	0.85	0.86	1.03	1.33	1.40	1.25	1.21	1.28	1.32	1.46	1.64	1.81	1.78	1.93	2.39	2.41	2.91	2.10	1.52	1.33	1.10
	0.00	-3.14	-2.94	-3.07	-3.60	-2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	31.91	26.82	23.98	22.20	22.34	25.94	34.27	34.37	31.30	30.09	31.82	34.88	37.70	39.99	42.86	44.81	53.39	69.00	77.33	92.32	81.65	62.43	47.87	38.50
	-0.22	-0.13	-0.12	-0.11	-0.11	-0.10	-0.03	0.13	0.06	-0.09	-0.16	-0.10	-0.15	-0.27	-0.20	-0.34	-0.19	0.06	0.42	0.92	0.75	0.47	0.18	0.04
	-0.01	-0.43	-0.40	-0.42	-0.49	-0.41	-1.08	-0.92	-0.82	-0.01	-0.11	-1.01	-1.42	-1.98	-2.85	-2.85	-5.37	-5.90	-6.11	-8.22	-5.88	-3.33	-1.71	-0.70
BABYLON_RES_REC 323704	38.75	34.10	28.62	26.68	29.48	30.66	38.50	39.04	33.64	33.42	41.61	43.32	49.29	51.82	54.45	56.96	60.52	75.02	84.40	91.35	80.79	62.79	52.62	43.95
	2.86	2.52	2.25	2.01	2.09	2.46	3.12	3.40	3.22	3.23	3.44	3.43	3.64	4.02	4.46	4.48	4.97	6.30	6.87	8.16	5.78	4.16	3.77	2.98
	-3.77	-5.06	-2.67	-2.78	-5.44	-2.56	-2.15	-2.33	0.00	-0.01	-6.30	-5.91	-9.22	-9.52	-9.78	-10.18	-7.34	-5.69	-6.74	-0.01	0.00	0.00	-2.88	-3.21
BALL_HILL_WT_PWR 323825	29.30	24.29	21.68	19.99	20.06	23.52	25.89	27.16	26.00	28.15	29.44	28.58	29.51	30.78	32.66	35.86	35.83	43.81	54.22	60.27	56.55	41.93	34.46	32.15
	-2.80	-2.28	-2.06	-1.95	-1.95	-2.05	-2.42	-1.97	-1.73	-1.99	-2.04	-2.11	-2.29	-2.26	-2.29	-2.50	-2.65	-3.21	-3.61	-4.58	-4.27	-3.58	-3.13	-2.45
	0.03	-0.05	-0.05	-0.05	-0.05	0.07	4.91	4.19	2.69	0.03	0.39	3.29	4.63	5.25	5.27	3.95	9.74	16.01	12.97	18.34	14.19	13.12	8.38	3.16
BARON_WINDS____WT_PWR 323822	30.79	24.50	21.80	20.00	19.87	23.47	10.86	14.20	17.93	28.94	29.12	18.42	14.92	10.37	12.47	21.09	-1.81	-11.38	6.82	-6.39	8.13	1.47	13.24	23.35
	-1.22	-0.98	-0.92	-0.88	-0.88	-0.74	-0.83	-0.73	-0.73	-1.12	-1.12	-1.16	-1.24	-1.23	-1.21	-1.44	-1.40	-1.33	-1.14	-0.58	-0.60	-0.64	-0.78	-0.57
	0.11	1.04	0.97	1.01	1.21	1.42	21.53	18.38	11.76	0.12	1.63	14.40	20.26	26.68	26.54	19.77	48.62	73.08	62.84	89.00	66.28	56.52	31.95	13.84
BARRETT_IC_1 23704	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_10 23701	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_11 23702	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_12 23703	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_2 23705	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_3 23706	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_4 23707	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04
BARRETT_IC_5 23708	37.98	33.54	28.26	26.38	28.97	30.30	37.82	38.32	33.22	32.96	40.81	42.54	48.31	50.72	53.27	56.03	59.72	73.72	82.85	90.09	79.67	61.97	51.78	43.23
	2.28	2.07	1.90	1.71	1.69	2.10	2.56	2.80	2.80	2.77	2.96	2.95	3.13	3.41	3.78	3.81	4.19	5.30	5.67	6.90	4.65	3.34	3.08	2.42
	-3.58	-4.94	-2.67	-2.78	-5.32	-2.56	-2.04	-2.21	0.00	-0.01	-5.98	-5.61	-8.75	-9.03	-9.28	-9.93	-7.31	-5.40	-6.39	-0.01	0.00	0.00	-2.73	-3.04

BARRETT_IC_6 23709	37.98 2.28 -3.58	33.54 2.07 -4.94	28.26 1.90 -2.67	26.38 1.71 -2.78	28.97 1.69 -5.32	30.30 2.10 -2.56	37.82 2.56 -2.04	38.32 2.80 -2.21	33.22 2.80 0.00	32.96 2.77 -0.01	40.81 2.96 -5.98	42.54 2.95 -5.61	48.31 3.13 -8.75	50.72 3.41 -9.03	53.27 3.78 -9.28	56.03 3.81 -9.93	59.72 4.19 -7.31	73.72 5.30 -5.40	82.85 5.67 -6.39	90.09 6.90 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.78 3.08 -2.73	43.23 2.42 -3.04
BARRETT_IC_7 23710	37.98 2.28 -3.58	33.54 2.07 -4.94	28.28 1.92 -2.67	26.38 1.71 -2.78	28.97 1.69 -5.32	30.30 2.10 -2.56	37.82 2.56 -2.04	38.35 2.83 -2.21	33.22 2.80 0.00	32.90 2.72 -0.01	40.81 2.96 -5.98	42.51 2.92 -5.61	48.31 3.13 -8.75	50.91 3.60 -9.03	53.27 3.78 -9.28	56.01 3.81 -9.90	59.69 4.19 -7.28	73.66 5.23 -5.40	82.85 5.66 -6.39	90.01 6.82 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.78 3.08 -2.73	43.34 2.53 -3.04
BARRETT_IC_8 23711	37.98 2.28 -3.58	33.54 2.07 -4.94	28.26 1.90 -2.67	26.38 1.71 -2.78	28.97 1.69 -5.32	30.30 2.10 -2.56	37.82 2.56 -2.04	38.32 2.80 -2.21	33.22 2.80 0.00	32.96 2.77 -0.01	40.81 2.96 -5.98	42.54 2.95 -5.61	48.31 3.13 -8.75	50.72 3.41 -9.03	53.27 3.78 -9.28	56.03 3.81 -9.93	59.72 4.19 -7.31	73.72 5.30 -5.40	82.85 5.67 -6.39	90.09 6.90 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.78 3.08 -2.73	43.23 2.42 -3.04
BARRETT_IC_9 23700	37.98 2.28 -3.58	33.54 2.07 -4.94	28.26 1.90 -2.67	26.38 1.71 -2.78	28.97 1.69 -5.32	30.30 2.10 -2.56	37.82 2.56 -2.04	38.32 2.80 -2.21	33.22 2.80 0.00	32.96 2.77 -0.01	40.81 2.96 -5.98	42.54 2.95 -5.61	48.31 3.13 -8.75	50.72 3.41 -9.03	53.27 3.78 -9.28	56.03 3.81 -9.93	59.72 4.19 -7.31	73.72 5.30 -5.40	82.85 5.67 -6.39	90.09 6.90 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.78 3.08 -2.73	43.23 2.42 -3.04
BARRETT___1 23545	37.98 2.28 -3.58	33.54 2.07 -4.94	28.26 1.90 -2.67	26.38 1.71 -2.78	28.97 1.69 -5.32	30.30 2.10 -2.56	37.82 2.56 -2.04	38.32 2.80 -2.21	33.22 2.80 0.00	32.96 2.77 -0.01	40.81 2.96 -5.98	42.54 2.95 -5.61	48.31 3.13 -8.75	50.72 3.41 -9.03	53.27 3.78 -9.28	56.03 3.81 -9.93	59.72 4.19 -7.31	73.72 5.30 -5.40	82.85 5.67 -6.39	90.09 6.90 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.78 3.08 -2.73	43.23 2.42 -3.04
BARRETT___2 23546	37.98 2.28 -3.58	33.54 2.07 -4.94	28.26 1.90 -2.67	26.38 1.71 -2.78	28.97 1.69 -5.32	30.30 2.10 -2.56	37.82 2.56 -2.04	38.32 2.80 -2.21	33.22 2.80 0.00	32.96 2.77 -0.01	40.81 2.96 -5.98	42.54 2.95 -5.61	48.31 3.13 -8.75	50.72 3.41 -9.03	53.27 3.78 -9.28	56.03 3.81 -9.93	59.72 4.19 -7.31	73.72 5.30 -5.40	82.85 5.67 -6.39	90.09 6.90 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.78 3.08 -2.73	43.23 2.42 -3.04
BATAVIA___115KV_TB1 55881	29.35 -2.76 0.02	24.66 -2.02 -0.15	22.13 -1.71 -0.14	20.39 -1.64 -0.15	20.50 -1.62 -0.17	23.48 -2.23 -0.07	27.93 -2.49 2.80	28.85 -2.07 2.39	26.99 -1.89 1.54	28.14 -2.02 0.02	29.23 -2.42 0.22	29.71 -2.38 1.89	31.12 -2.66 2.65	31.78 -2.87 3.63	33.72 -2.86 3.64	36.57 -3.00 2.72	38.22 -3.23 6.76	47.70 -3.78 11.55	58.01 -3.68 9.11	65.89 -4.41 12.88	60.68 -4.20 10.13	45.25 -3.69 9.69	37.29 -3.22 5.46	33.35 -2.61 1.80
BAYONEEC___CTG1 323682	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG10 323750	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG2 323683	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG3 323684	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG4 323685	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG5 323686	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG6 323687	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG7 323688	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00

BAYONEEC___CTG8 323689	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYONEEC___CTG9 323749	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.10 2.68 0.00	32.89 2.72 0.00	34.83 2.96 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BAYPORT_69_KV_BK 2 356364	38.98 3.41 -3.45	34.36 2.97 -4.87	29.04 2.68 -2.67	27.01 2.34 -2.78	29.67 2.46 -5.25	31.12 2.92 -2.56	38.95 3.75 -1.97	39.44 4.00 -2.13	34.10 3.68 0.00	33.84 3.65 -0.01	41.59 3.95 -5.76	43.26 3.87 -5.41	49.09 4.23 -8.44	51.74 4.75 -8.71	54.27 5.11 -8.95	57.24 5.20 -9.74	61.36 5.88 -7.26	75.81 7.56 -5.21	85.25 8.28 -6.17	92.94 9.73 -0.02	82.22 7.20 0.00	63.79 5.16 0.00	53.06 4.46 -2.63	44.29 3.59 -2.94
BEACON___LESR 323632	33.38 1.25 0.00	31.12 1.11 -3.49	27.95 0.99 -3.27	26.26 0.96 -3.41	26.88 0.92 -4.00	29.84 1.08 -3.13	34.68 1.46 0.00	34.68 1.37 0.00	31.21 0.79 0.00	30.81 0.63 0.00	32.47 0.60 0.00	34.72 0.75 0.00	37.23 0.80 0.00	39.28 0.99 0.00	41.38 1.17 0.00	43.61 1.31 0.00	49.56 1.35 0.00	64.79 1.76 0.00	72.71 1.91 0.00	85.85 2.66 0.00	77.19 2.18 0.00	60.33 1.70 0.00	47.21 1.24 0.00	38.78 1.02 0.00
BEAVER RIVER___HYD 24048	31.71 -0.42 0.00	26.20 -0.43 -0.10	23.31 -0.47 -0.09	21.66 -0.33 -0.10	21.77 -0.31 -0.11	25.57 -0.15 -0.09	33.19 -0.03 0.00	32.98 -0.33 0.00	30.09 -0.33 0.00	29.66 -0.51 0.00	31.26 -0.61 0.00	33.30 -0.68 0.00	35.52 -0.91 0.00	37.36 -0.96 -0.04	39.65 -1.08 -0.52	41.70 -1.31 -0.71	48.00 -1.16 -0.95	62.73 -1.39 -1.08	71.70 -0.57 -1.47	85.88 0.83 -1.86	77.31 1.05 -1.25	59.30 0.41 -0.26	46.41 0.37 -0.07	37.88 0.11 0.00
BEEBEE_GT_13 23619	30.19 -1.93 0.00	25.48 -1.30 -0.25	22.89 -1.04 -0.24	21.11 -1.03 -0.25	21.24 -1.01 -0.29	24.18 -1.67 -0.21	30.49 -1.96 0.77	30.99 -1.67 0.65	28.50 -1.49 0.43	28.90 -1.27 0.00	30.03 -1.78 0.06	31.62 -1.83 0.53	33.72 -1.97 0.74	35.11 -2.18 0.99	37.05 -2.17 0.99	39.35 -2.20 0.74	43.91 -2.36 1.94	55.81 -2.71 4.51	65.19 -2.62 2.99	75.88 -3.08 4.23	68.18 -3.08 3.76	51.48 -2.76 4.39	40.89 -2.48 2.60	35.23 -2.04 0.49
BENSHRST_27_KV_BENSHRST_1 355998	34.64 2.51 -0.01	31.60 2.23 -2.85	28.40 2.04 -2.67	26.50 1.82 -2.79	27.09 1.87 -3.27	30.39 2.20 -2.55	35.91 2.69 0.00	36.38 3.06 0.00	33.50 3.07 -0.01	33.23 3.05 -0.01	35.26 3.38 -0.01	37.42 3.43 -0.01	40.26 3.82 -0.01	42.74 4.44 -0.02	45.02 4.79 -0.02	52.48 4.91 -5.28	60.27 5.30 -6.76	69.40 6.37 0.00	77.45 6.65 0.00	91.17 7.99 0.00	80.34 5.33 0.00	62.79 4.16 0.00	49.75 3.77 -0.01	40.72 2.95 -0.01
BETHLEHEM___GRP 23843	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.79 -3.13	34.32 1.10 0.00	34.31 1.00 0.00	30.88 0.46 0.00	30.48 0.30 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.89 0.61 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.64 0.00	46.52 0.55 0.00	38.33 0.57 0.00
BETHLEHEM___GS1 323560	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.80 -3.13	34.32 1.09 0.00	34.35 1.03 0.00	30.88 0.46 0.00	30.51 0.33 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.82 0.54 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.65 0.00	46.52 0.55 0.00	38.25 0.49 0.00
BETHLEHEM___GS2 323561	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.80 -3.13	34.32 1.09 0.00	34.35 1.03 0.00	30.88 0.46 0.00	30.51 0.33 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.82 0.54 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.65 0.00	46.52 0.55 0.00	38.25 0.49 0.00
BETHLEHEM___GS3 323562	33.02 0.90 0.00	30.84 0.82 -3.49	27.72 0.76 -3.27	26.05 0.74 -3.41	26.66 0.70 -4.00	29.57 0.80 -3.13	34.32 1.09 0.00	34.35 1.03 0.00	30.88 0.46 0.00	30.51 0.33 0.00	32.16 0.29 0.00	34.35 0.37 0.00	36.83 0.40 0.00	38.82 0.54 0.00	40.94 0.72 0.00	43.06 0.76 0.00	48.84 0.63 0.00	63.91 0.88 0.00	71.65 0.85 0.00	84.35 1.16 0.00	75.92 0.90 0.00	59.28 0.65 0.00	46.52 0.55 0.00	38.25 0.49 0.00
BETHLEHEM___STEEL 23779	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.37 -2.20 0.07	25.81 -2.62 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	28.07 -2.08 0.03	29.23 -2.26 0.38	28.45 -2.31 3.21	29.36 -2.55 4.51	30.72 -2.64 4.92	32.74 -2.53 4.94	35.80 -2.79 3.71	36.02 -3.04 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.76 -4.80 13.46	42.17 -3.93 12.53	34.34 -3.40 8.22	31.96 -2.72 3.08
BETHLHEM_115KV_TB1 79974	33.02 0.90 0.00	30.86 0.85 -3.48	27.72 0.76 -3.26	26.04 0.74 -3.41	26.66 0.70 -4.00	29.56 0.79 -3.13	34.32 1.10 0.00	34.35 1.03 0.00	30.97 0.55 0.00	30.57 0.39 0.00	32.25 0.38 0.00	34.45 0.48 0.00	36.94 0.51 0.00	39.01 0.73 0.00	41.02 0.80 0.00	43.19 0.89 0.00	48.99 0.77 0.00	64.04 1.01 0.00	71.79 0.99 0.00	84.52 1.33 0.00	76.07 1.05 0.00	59.39 0.76 0.00	46.57 0.60 0.00	38.41 0.64 0.00
BETHPAGE_CC_5 323564	38.86 2.76 -3.98	34.14 2.44 -5.18	28.54 2.18 -2.67	26.62 1.95 -2.78	29.53 2.02 -5.55	30.51 2.31 -2.56	38.42 2.92 -2.27	38.96 3.20 -2.45	33.49 3.07 0.00	33.27 3.08 -0.01	41.83 3.31 -6.64	43.54 3.33 -6.23	49.65 3.50 -9.73	52.15 3.83 -10.04	54.78 4.26 -10.31	56.93 4.19 -10.44	60.17 4.58 -7.37	74.76 5.74 -6.00	84.13 6.23 -7.10	90.60 7.40 -0.01	80.12 5.10 0.00	62.33 3.70 0.00	52.49 3.49 -3.03	43.94 2.79 -3.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.30 -2.79 0.03	24.23 -2.36 -0.07	21.58 -2.18 -0.06	19.92 -2.04 -0.07	19.97 -2.06 -0.07	23.56 -2.03 0.05	26.15 -2.39 4.68	27.31 -2.00 4.00	26.12 -1.73 2.57	28.16 -1.99 0.03	29.46 -2.04 0.37	28.76 -2.07 3.14	29.72 -2.29 4.41	31.22 -2.34 4.73	33.25 -2.21 4.75	36.24 -2.50 3.56	36.71 -2.70 8.80	45.14 -3.21 14.67	55.38 -3.61 11.81	61.83 -4.66 16.70	57.75 -4.28 12.99	42.98 -3.52 12.13	34.83 -3.08 8.06	32.29 -2.45 3.02

BINGHAMTON___COGEN 23790	31.87 -0.26 0.00	27.23 -0.21 -0.92	24.34 -0.21 -0.86	22.57 -0.22 -0.90	22.79 -0.22 -1.05	26.40 -0.08 -0.84	33.86 -0.03 -0.67	33.95 0.07 -0.57	30.86 0.06 -0.38	30.06 -0.12 0.00	31.83 -0.10 -0.05	34.37 -0.07 -0.46	36.97 -0.11 -0.65	39.16 -0.08 -0.95	41.61 0.00 -1.39	43.83 -0.04 -1.58	51.13 0.10 -2.82	66.41 0.38 -3.00	74.55 0.42 -3.33	88.36 0.67 -4.51	78.56 0.45 -3.09	60.40 0.23 -1.54	46.77 0.09 -0.71	38.23 0.04 -0.43
BIXINCNT_115KV_LOAD 355685	29.40 -2.70 0.02	24.18 -2.47 -0.12	21.46 -2.35 -0.12	19.89 -2.12 -0.12	19.94 -2.15 -0.14	24.03 -1.62 -0.01	27.11 -1.86 4.26	28.31 -1.37 3.63	26.93 -1.16 2.33	28.55 -1.60 0.02	30.17 -1.37 0.33	29.70 -1.43 2.85	30.85 -1.57 4.01	32.51 -1.53 4.24	34.59 -1.37 4.26	37.37 -1.73 3.20	38.48 -1.83 7.90	47.67 -2.08 13.28	57.67 -2.48 10.65	64.71 -3.41 15.06	60.11 -3.15 11.76	45.13 -2.46 11.03	36.33 -2.25 7.39	33.21 -1.81 2.74
BLACK RIVER___HYD 24047	32.32 0.19 0.00	26.74 0.08 -0.14	23.78 -0.05 -0.13	22.09 0.07 -0.14	22.18 0.07 -0.16	26.02 0.26 -0.13	33.75 0.53 0.00	33.41 0.10 0.00	30.33 -0.09 0.00	29.84 -0.33 0.00	31.42 -0.45 0.00	33.57 -0.41 0.00	35.81 -0.62 0.00	37.73 -0.61 -0.06	40.37 -0.72 -0.88	42.60 -0.89 -1.20	49.27 -0.53 -1.59	64.47 -0.38 -1.81	74.11 0.85 -2.47	89.39 3.08 -3.12	80.21 3.08 -2.12	60.89 1.82 -0.44	47.47 1.38 -0.13	38.63 0.87 0.00
BLACKRVR_115KV_TB2 79977	32.32 0.19 0.00	26.74 0.08 -0.14	23.78 -0.05 -0.13	22.09 0.07 -0.14	22.18 0.07 -0.16	26.02 0.26 -0.13	33.75 0.53 0.00	33.41 0.10 0.00	30.33 -0.09 0.00	29.87 -0.30 0.00	31.42 -0.45 0.00	33.57 -0.41 0.00	35.81 -0.62 0.00	37.70 -0.65 -0.06	40.37 -0.72 -0.88	42.61 -0.89 -1.20	49.27 -0.53 -1.59	64.46 -0.38 -1.81	74.11 0.85 -2.47	89.38 3.08 -3.12	80.23 3.08 -2.14	60.89 1.82 -0.44	47.48 1.38 -0.13	38.59 0.83 0.00
BLISS_WT_PWR 323608	29.31 -2.80 0.02	24.10 -2.55 -0.12	21.37 -2.44 -0.12	19.82 -2.19 -0.12	19.90 -2.20 -0.14	24.01 -1.64 -0.01	27.07 -1.89 4.26	28.28 -1.40 3.63	26.93 -1.16 2.33	28.58 -1.57 0.02	30.20 -1.34 0.33	29.66 -1.46 2.85	30.85 -1.57 4.01	32.59 -1.45 4.24	34.55 -1.41 4.26	37.36 -1.74 3.20	38.58 -1.73 7.90	47.60 -2.14 13.28	57.60 -2.55 10.65	64.63 -3.49 15.06	60.04 -3.22 11.76	45.02 -2.58 11.03	36.28 -2.30 7.39	33.17 -1.85 2.74
BLUESTONE___WT_PWR 323821	33.13 1.00 0.00	28.37 0.82 -1.02	25.29 0.64 -0.95	23.52 0.64 -1.00	23.74 0.61 -1.17	27.44 0.87 -0.93	35.20 1.23 -0.75	35.08 1.13 -0.64	31.71 0.94 -0.35	30.90 0.72 0.00	32.65 0.73 -0.05	35.28 0.88 -0.42	37.97 0.95 -0.60	40.24 1.11 -0.85	42.59 1.25 -1.13	44.58 0.93 -1.35	52.21 1.54 -2.45	68.58 2.39 -3.16	77.46 3.33 -3.34	92.64 4.91 -4.55	82.33 4.12 -3.19	63.40 2.93 -1.84	49.09 2.21 -0.91	39.90 1.66 -0.48
BLUE_CIRC_CHEM_DRP 24182	33.22 1.09 0.00	30.88 0.93 -3.43	27.76 0.85 -3.21	26.04 0.79 -3.36	26.68 0.79 -3.94	29.62 0.90 -3.08	34.42 1.20 0.00	34.38 1.07 0.00	31.09 0.67 0.00	30.69 0.51 0.00	32.38 0.51 0.00	34.55 0.58 0.00	37.08 0.66 0.00	39.12 0.84 0.00	41.14 0.92 0.00	43.31 1.02 0.00	49.18 0.96 0.00	64.17 1.13 0.00	72.14 1.35 0.00	85.18 2.00 0.00	76.74 1.73 0.00	59.98 1.35 0.00	47.03 1.06 0.00	38.71 0.94 0.00
BOC_GAS_DRP 24189	32.99 0.87 0.00	30.78 0.80 -3.46	27.64 0.71 -3.24	25.93 0.66 -3.38	26.58 0.66 -3.97	29.51 0.77 -3.10	34.22 1.00 0.00	34.35 1.03 0.00	31.18 0.76 0.00	30.87 0.69 0.00	32.60 0.73 0.00	34.72 0.75 0.00	37.26 0.84 0.00	39.32 1.03 0.00	41.34 1.13 0.00	43.17 1.14 0.27	48.97 1.11 0.35	64.36 1.32 0.00	72.07 1.27 0.00	84.76 1.58 0.00	76.22 1.20 0.00	59.51 0.88 0.00	46.75 0.78 0.00	38.48 0.72 0.00
BOONVILLE_115KV_TB1 79983	32.22 0.10 0.00	26.66 0.05 -0.09	23.77 0.00 -0.08	22.02 0.04 -0.08	22.12 0.07 -0.10	25.89 0.18 -0.08	33.59 0.37 0.00	33.51 0.20 0.00	30.54 0.12 0.00	30.18 0.00 0.00	31.84 -0.03 0.00	33.91 -0.07 0.00	36.28 -0.15 0.00	38.19 -0.11 -0.02	40.35 -0.12 -0.26	42.43 -0.21 -0.35	48.68 0.00 -0.46	63.68 0.13 -0.53	72.29 0.78 -0.72	85.92 1.83 -0.91	77.29 1.65 -0.62	59.76 1.00 -0.13	46.79 0.78 -0.04	38.25 0.49 0.00
BORALEX_4TH_BRANCH 23824	33.83 1.70 0.00	31.60 1.56 -3.51	28.35 1.37 -3.29	26.64 1.31 -3.43	27.28 1.30 -4.03	30.27 1.49 -3.15	35.28 2.06 0.00	35.24 1.93 0.00	31.76 1.34 0.00	31.35 1.18 0.00	32.99 1.12 0.00	35.17 1.19 0.00	37.70 1.27 0.00	39.81 1.53 0.00	41.94 1.73 0.00	44.29 1.99 0.00	50.43 2.22 0.00	66.12 3.09 0.00	73.91 3.12 0.00	86.84 3.66 0.00	78.47 3.45 0.00	61.33 2.70 0.00	48.27 2.30 0.00	39.76 2.00 0.00
BOWLINE___1 23526	33.86 1.73 0.00	30.86 1.56 -2.78	27.71 1.42 -2.60	25.88 1.27 -2.72	26.44 1.30 -3.18	29.67 1.54 -2.49	35.15 1.93 0.00	35.51 2.20 0.00	32.58 2.16 0.00	32.38 2.20 0.00	34.26 2.39 0.00	36.39 2.41 0.00	39.12 2.70 0.00	41.35 3.06 0.00	43.71 3.50 0.00	50.92 3.55 -5.07	58.78 4.05 -6.51	67.95 4.92 0.00	76.11 5.31 0.00	89.43 6.24 0.00	79.37 4.35 0.00	61.68 3.05 0.00	48.54 2.57 0.00	39.65 1.89 0.00
BOWLINE___2 23595	33.86 1.73 0.00	30.86 1.56 -2.78	27.71 1.42 -2.60	25.88 1.27 -2.72	26.44 1.30 -3.18	29.67 1.54 -2.49	35.15 1.93 0.00	35.51 2.20 0.00	32.58 2.16 0.00	32.38 2.20 0.00	34.26 2.39 0.00	36.39 2.41 0.00	39.12 2.70 0.00	41.35 3.06 0.00	43.71 3.50 0.00	50.92 3.55 -5.07	58.78 4.05 -6.51	67.95 4.92 0.00	76.11 5.31 0.00	89.43 6.24 0.00	79.37 4.35 0.00	61.68 3.05 0.00	48.54 2.57 0.00	39.65 1.89 0.00
BRADY___115KV_TB2 356060	32.09 -0.03 0.00	26.34 -0.19 0.00	23.46 -0.24 0.00	21.74 -0.15 0.00	21.80 -0.15 0.00	25.56 -0.08 0.00	32.99 -0.23 0.00	32.91 -0.40 0.00	30.05 -0.37 0.00	29.81 -0.36 0.00	31.52 -0.35 0.00	33.64 -0.34 0.00	36.03 -0.40 0.00	37.86 -0.42 0.00	39.69 -0.52 0.00	41.75 -0.55 0.00	47.54 -0.68 0.00	61.83 -1.20 0.00	69.95 -0.85 0.00	82.52 -0.67 0.00	75.02 0.00 0.00	58.51 -0.12 0.00	45.97 0.00 0.00	37.76 0.00 0.00
BRANSCOMB___SOLAR 323811	33.83 1.70 0.00	31.61 1.51 -3.58	28.42 1.37 -3.35	26.66 1.27 -3.50	27.31 1.25 -4.10	30.33 1.49 -3.21	35.18 1.96 0.00	35.01 1.70 0.00	31.55 1.13 0.00	31.08 0.90 0.00	32.73 0.86 0.00	35.03 1.05 0.00	37.52 1.09 0.00	39.58 1.30 0.00	41.70 1.49 0.00	44.07 1.78 0.00	50.48 2.27 0.00	65.99 2.96 0.00	74.05 3.26 0.00	87.84 4.66 0.00	79.29 4.27 0.00	62.15 3.52 0.00	48.54 2.57 0.00	39.84 2.08 0.00
BRDGHMPT_69_KV_BK1 55812	39.28 3.76 -3.40	34.62 3.26 -4.84	29.23 2.87 -2.67	27.17 2.50 -2.78	29.79 2.61 -5.22	31.33 3.13 -2.56	39.18 4.02 -1.94	39.67 4.26 -2.10	34.31 3.89 0.00	34.02 3.83 -0.01	41.66 4.11 -5.68	43.31 4.01 -5.33	49.07 4.33 -8.31	51.61 4.75 -8.58	54.09 5.07 -8.81	57.17 5.20 -9.67	61.40 5.93 -7.25	75.79 7.63 -5.13	85.23 8.35 -6.08	92.93 9.73 -0.02	81.99 6.98 0.00	63.61 4.98 0.00	52.79 4.23 -2.59	43.90 3.25 -2.89

BRENTWOD_69_KV_W. BRTWOOD 56703	38.71 3.12 -3.47	34.13 2.73 -4.88	28.83 2.46 -2.67	26.84 2.17 -2.78	29.48 2.26 -5.26	30.89 2.69 -2.56	38.62 3.42 -1.98	39.15 3.70 -2.14	33.86 3.44 0.00	33.56 3.38 -0.01	41.32 3.67 -5.79	43.01 3.60 -5.43	48.80 3.90 -8.48	51.39 4.36 -8.75	53.90 4.70 -8.99	56.75 4.70 -9.76	60.69 5.21 -7.26	74.62 6.37 -5.23	83.93 6.94 -6.19	91.43 8.24 -0.01	80.94 5.93 0.00	62.91 4.28 0.00	52.61 4.00 -2.64	44.03 3.32 -2.95
BRISTLHL_115KV_TB1 79998	31.29 -0.84 0.00	26.10 -0.64 -0.21	23.35 -0.54 -0.20	21.60 -0.50 -0.21	21.70 -0.51 -0.24	25.21 -0.62 -0.19	32.46 -0.76 0.00	32.51 -0.80 0.00	29.69 -0.73 0.00	29.39 -0.78 0.00	30.98 -0.89 0.00	33.06 -0.92 0.00	35.41 -1.02 0.00	37.21 -1.23 -0.15	41.03 -1.25 -2.06	43.83 -1.27 -2.80	50.57 -1.45 -3.80	66.79 -1.76 -5.52	75.28 -1.77 -6.26	89.35 -1.83 -7.99	79.24 -1.73 -5.95	59.82 -1.47 -2.65	46.12 -1.15 -1.30	36.78 -0.98 0.00
BROOKHAVEN___DRP 24191	38.70 3.18 -3.40	34.15 2.79 -4.84	28.85 2.49 -2.67	26.86 2.19 -2.78	29.46 2.28 -5.22	30.92 2.72 -2.56	38.65 3.49 -1.94	39.11 3.70 -2.10	33.80 3.38 0.00	33.50 3.32 -0.01	41.15 3.60 -5.67	42.77 3.47 -5.32	48.49 3.75 -8.31	51.07 4.21 -8.57	53.56 4.54 -8.81	56.58 4.61 -9.67	60.63 5.16 -7.25	74.78 6.62 -5.13	84.09 7.22 -6.08	91.77 8.57 -0.02	81.17 6.15 0.00	63.03 4.40 0.00	52.51 3.95 -2.59	43.79 3.13 -2.89
BROOKLYN_NAVY_YARD 23515	34.15 2.03 0.00	31.19 1.83 -2.84	27.99 1.63 -2.66	26.14 1.47 -2.78	26.73 1.51 -3.26	30.01 1.82 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.89 2.72 0.00	34.80 2.93 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.05 3.75 -0.02	44.45 4.22 -0.02	51.91 4.32 -5.29	59.82 4.82 -6.79	68.89 5.86 0.00	77.03 6.23 0.00	90.67 7.49 0.00	80.12 5.10 0.00	62.33 3.70 0.00	49.14 3.17 0.00	40.07 2.30 0.00
BROOKLYN___ARMY_DRP 323595	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -5.28	52.23 4.65 -6.76	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
BROOME_2_LFGE 323671	31.87 -0.26 0.00	27.23 -0.21 -0.92	24.34 -0.21 -0.86	22.57 -0.22 -0.90	22.79 -0.22 -1.05	26.40 -0.08 -0.84	33.86 -0.03 -0.67	33.95 0.07 -0.57	30.86 0.06 -0.38	30.06 -0.12 0.00	31.83 -0.10 -0.05	34.34 -0.10 -0.46	36.97 -0.11 -0.65	39.16 -0.08 -0.95	41.61 0.00 -1.39	43.77 -0.04 -1.52	51.05 0.10 -2.74	66.41 0.38 -3.00	74.56 0.43 -3.33	88.44 0.75 -4.51	78.56 0.45 -3.09	60.40 0.24 -1.54	46.77 0.09 -0.71	38.23 0.04 -0.43
BROOME___LFGE 323600	31.87 -0.26 0.00	27.23 -0.21 -0.92	24.34 -0.21 -0.86	22.57 -0.22 -0.90	22.79 -0.22 -1.05	26.40 -0.08 -0.84	33.86 -0.03 -0.67	33.95 0.07 -0.57	30.86 0.06 -0.38	30.06 -0.12 0.00	31.83 -0.10 -0.05	34.34 -0.10 -0.46	36.97 -0.11 -0.65	39.16 -0.08 -0.95	41.61 0.00 -1.39	43.77 -0.04 -1.52	51.05 0.10 -2.74	66.41 0.38 -3.00	74.56 0.43 -3.33	88.44 0.75 -4.51	78.56 0.45 -3.09	60.40 0.24 -1.54	46.77 0.09 -0.71	38.23 0.04 -0.43
BROWNFLS_115KV_TB_3_5 80003	31.55 -0.58 0.00	26.01 -0.58 -0.07	23.14 -0.62 -0.07	21.48 -0.48 -0.07	21.58 -0.46 -0.08	25.32 -0.38 -0.06	32.79 -0.43 0.00	32.65 -0.67 0.00	29.78 -0.64 0.00	29.45 -0.72 0.00	31.10 -0.76 0.00	33.16 -0.82 0.00	35.41 -1.02 0.00	37.24 -1.07 -0.03	39.37 -1.21 -0.36	41.27 -1.52 -0.49	47.28 -1.59 -0.66	61.51 -2.27 -0.75	70.05 -1.77 -1.02	83.48 -1.00 -1.29	75.53 -0.38 -0.89	58.17 -0.64 -0.18	45.70 -0.32 -0.05	37.39 -0.38 0.00
BROWNSV1_27_KV_LOAD 356125	34.44 2.31 0.00	31.41 2.04 -2.84	28.20 1.85 -2.66	26.31 1.64 -2.78	26.93 1.71 -3.26	30.24 2.05 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.34 2.92 0.00	33.07 2.90 0.00	35.12 3.25 0.00	37.24 3.26 0.00	40.07 3.64 0.00	42.55 4.25 -0.02	44.81 4.58 -0.02	52.26 4.70 -5.27	60.27 5.30 -6.76	69.59 6.56 0.00	77.80 7.01 0.00	91.59 8.40 0.00	80.87 5.85 0.00	62.91 4.28 0.00	49.56 3.59 0.00	40.52 2.76 0.00
BURROWS___LYONSDAL 23803	32.00 -0.13 0.00	26.48 -0.13 -0.09	23.59 -0.19 -0.08	21.87 -0.11 -0.09	21.97 -0.09 -0.10	25.77 0.05 -0.08	33.42 0.20 0.00	33.35 0.03 0.00	30.39 -0.03 0.00	30.03 -0.15 0.00	31.65 -0.22 0.00	33.70 -0.27 0.00	36.06 -0.36 0.00	37.92 -0.38 -0.02	40.12 -0.40 -0.31	42.17 -0.55 -0.42	48.43 -0.34 -0.56	63.35 -0.32 -0.64	72.02 0.35 -0.87	85.78 1.50 -1.10	77.19 1.43 -0.75	59.55 0.76 -0.15	46.61 0.60 -0.04	38.07 0.30 0.00
CAITHNESS_CC_1 323624	38.60 3.08 -3.39	34.07 2.71 -4.84	28.76 2.39 -2.67	26.80 2.12 -2.78	29.42 2.24 -5.22	30.84 2.64 -2.56	38.55 3.39 -1.94	38.97 3.57 -2.10	33.71 3.29 0.00	33.47 3.29 -0.01	41.05 3.51 -5.67	42.80 3.50 -5.32	48.41 3.68 -8.31	50.87 4.02 -8.57	53.44 4.42 -8.80	56.47 4.48 -9.69	60.56 5.06 -7.29	74.52 6.36 -5.13	83.88 7.01 -6.07	91.44 8.24 -0.02	80.94 5.92 0.00	62.91 4.28 0.00	52.37 3.81 -2.59	43.56 2.91 -2.89
CALPINE BETH_PAGE_GT4 24209	39.06 2.73 -4.20	34.25 2.41 -5.31	28.55 2.18 -2.67	26.60 1.93 -2.78	29.64 2.00 -5.68	30.53 2.33 -2.56	38.58 2.96 -2.40	39.14 3.23 -2.59	33.52 3.10 0.00	33.23 3.05 -0.01	42.23 3.35 -7.02	43.89 3.33 -6.59	50.20 3.50 -10.28	52.83 3.94 -10.60	55.33 4.22 -10.89	57.24 4.23 -10.71	60.12 4.53 -7.37	75.04 5.67 -6.33	84.39 6.09 -7.51	90.43 7.24 -0.01	80.04 5.03 0.00	62.21 3.58 0.00	52.67 3.49 -3.20	44.32 2.98 -3.57
CALPINE_BETH_PAGE_GT_4 323586	39.06 2.73 -4.20	34.25 2.41 -5.31	28.52 2.16 -2.67	26.60 1.93 -2.78	29.64 2.00 -5.68	30.53 2.33 -2.56	38.58 2.96 -2.40	39.14 3.23 -2.59	33.52 3.10 0.00	33.30 3.11 -0.01	42.20 3.31 -7.02	43.93 3.36 -6.59	50.20 3.50 -10.28	52.68 3.79 -10.60	55.37 4.26 -10.89	57.26 4.23 -10.74	60.15 4.53 -7.40	75.04 5.68 -6.33	84.46 6.16 -7.51	90.52 7.32 -0.01	80.04 5.03 0.00	62.21 3.58 0.00	52.67 3.49 -3.20	44.17 2.83 -3.57
CALPINE_BP_GT1 23823	39.06 2.73 -4.20	34.25 2.41 -5.31	28.52 2.16 -2.67	26.60 1.93 -2.78	29.64 2.00 -5.68	30.53 2.33 -2.56	38.58 2.96 -2.40	39.14 3.23 -2.59	33.52 3.10 0.00	33.30 3.11 -0.01	42.20 3.31 -7.02	43.93 3.36 -6.59	50.20 3.50 -10.28	52.68 3.79 -10.60	55.37 4.26 -10.89	57.26 4.23 -10.74	60.15 4.53 -7.40	75.04 5.68 -6.33	84.46 6.16 -7.51	90.52 7.32 -0.01	80.04 5.03 0.00	62.21 3.58 0.00	52.67 3.49 -3.20	44.17 2.83 -3.57
CALSPAN___DRP 24200	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.37 -2.20 0.07	25.81 -2.62 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	28.07 -2.08 0.03	29.23 -2.26 0.38	28.45 -2.31 3.21	29.36 -2.55 4.51	30.72 -2.64 4.92	32.74 -2.53 4.94	35.80 -2.79 3.71	36.02 -3.04 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.76 -4.80 13.46	42.17 -3.93 12.53	34.34 -3.40 8.22	31.96 -2.72 3.08

CALVERTON___SOLAR 323806	38.80 3.28 -3.40	34.23 2.87 -4.84	28.90 2.54 -2.67	26.93 2.26 -2.78	29.53 2.35 -5.22	30.99 2.79 -2.56	38.75 3.59 -1.94	39.17 3.76 -2.10	33.89 3.47 0.00	33.65 3.47 -0.01	41.21 3.66 -5.68	42.97 3.67 -5.33	48.60 3.86 -8.31	51.07 4.21 -8.57	53.68 4.66 -8.81	56.73 4.74 -9.69	60.90 5.40 -7.29	75.03 6.87 -5.13	84.45 7.58 -6.08	92.19 8.99 -0.02	81.54 6.52 0.00	63.32 4.69 0.00	52.65 4.09 -2.59	43.71 3.06 -2.89
CANDIGU_WT_PWR 323617	30.79 -1.22 0.11	24.50 -0.98 1.04	21.80 -0.92 0.97	20.00 -0.88 1.01	19.87 -0.88 1.21	23.47 -0.74 1.42	10.86 -0.83 21.53	14.20 -0.73 18.38	17.93 -0.73 11.76	28.94 -1.12 0.12	29.12 -1.12 1.63	18.42 -1.16 14.40	14.92 -1.24 20.26	10.37 -1.23 26.68	12.47 -1.21 26.54	21.09 -1.44 19.77	-1.81 -1.40 48.62	-11.38 -1.33 73.08	6.82 -1.14 62.84	-6.39 -0.58 89.00	8.13 -0.60 66.28	1.47 -0.64 56.52	13.24 -0.78 31.95	23.35 -0.57 13.84
CARR STREET_E_SYR 24060	31.58 -0.55 0.00	26.37 -0.40 -0.24	23.59 -0.33 -0.23	21.80 -0.33 -0.24	21.91 -0.33 -0.28	25.45 -0.41 -0.22	32.76 -0.47 0.00	32.88 -0.43 0.00	29.99 -0.43 0.00	29.69 -0.48 0.00	31.33 -0.54 0.00	33.43 -0.54 0.00	35.84 -0.58 0.00	37.60 -0.73 -0.05	40.09 -0.77 -0.64	42.40 -0.76 -0.87	48.49 -0.82 -1.10	62.53 -1.07 -0.57	71.25 -1.06 -1.51	84.06 -0.99 -1.87	74.98 -1.05 -1.01	57.08 -0.94 0.61	44.70 -0.78 0.49	37.20 -0.57 0.00
CARTHAGE___PAPER 23857	32.03 -0.10 0.00	26.46 -0.18 -0.12	23.55 -0.26 -0.12	21.88 -0.13 -0.12	21.99 -0.11 -0.14	25.80 0.05 -0.11	33.49 0.26 0.00	33.18 -0.13 0.00	30.21 -0.21 0.00	29.75 -0.42 0.00	31.36 -0.51 0.00	33.43 -0.54 0.00	35.66 -0.77 0.00	37.53 -0.81 -0.05	40.03 -0.92 -0.74	42.21 -1.10 -1.01	48.73 -0.82 -1.34	63.68 -0.88 -1.53	73.02 0.14 -2.08	87.73 1.91 -2.63	78.83 2.03 -1.78	60.11 1.11 -0.37	46.95 0.87 -0.11	38.25 0.49 0.00
CASSADAGA_WT_PWR 323784	29.63 -2.47 0.02	24.50 -2.12 -0.10	21.89 -1.90 -0.09	20.23 -1.75 -0.10	20.31 -1.76 -0.11	24.06 -1.56 0.02	26.90 -1.83 4.50	28.14 -1.33 3.84	26.83 -1.12 2.46	28.79 -1.36 0.03	30.18 -1.34 0.35	29.57 -1.39 3.02	30.69 -1.50 4.24	32.20 -1.42 4.66	34.21 -1.33 4.68	37.27 -1.52 3.51	38.00 -1.54 8.67	46.85 -1.76 14.41	57.27 -1.91 11.61	64.34 -2.42 16.43	59.78 -2.47 12.77	44.45 -2.29 11.89	36.06 -2.16 7.75	33.06 -1.81 2.90
CE_DUNWOOD___DRP 24194	34.05 1.93 0.00	31.11 1.75 -2.84	27.94 1.59 -2.66	26.07 1.40 -2.78	26.64 1.43 -3.26	29.90 1.72 -2.55	35.38 2.16 0.00	35.74 2.43 0.00	32.79 2.37 0.00	32.53 2.35 0.00	34.51 2.65 0.00	36.63 2.65 0.00	39.38 2.95 0.00	41.77 3.48 0.00	43.99 3.78 0.00	51.39 3.85 -5.24	59.29 4.34 -6.74	68.39 5.36 0.00	76.53 5.73 0.00	90.01 6.82 0.00	79.82 4.80 0.00	62.03 3.40 0.00	48.82 2.85 0.00	39.99 2.23 0.00
CE_MILLWOOD___DRP 24193	33.99 1.86 0.00	31.05 1.70 -2.83	27.88 1.54 -2.65	26.02 1.36 -2.77	26.59 1.38 -3.25	29.84 1.67 -2.54	35.31 2.09 0.00	35.68 2.37 0.00	32.73 2.31 0.00	32.44 2.26 0.00	34.42 2.55 0.00	36.52 2.55 0.00	39.27 2.84 0.00	41.65 3.37 0.00	43.87 3.66 0.00	51.23 3.72 -5.21	59.11 4.19 -6.70	68.26 5.23 0.00	76.39 5.59 0.00	89.76 6.57 0.00	79.67 4.65 0.00	61.91 3.28 0.00	48.73 2.76 0.00	39.92 2.15 0.00
CE_NYC2_DRP 24202	34.31 2.18 0.00	31.36 1.99 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.90 1.67 -3.27	30.16 1.97 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.20 2.77 -0.01	32.96 2.78 -0.01	34.97 3.09 -0.01	37.08 3.09 -0.01	39.89 3.46 -0.01	42.29 3.98 -0.02	44.53 4.30 -0.02	51.97 4.40 -5.27	59.74 4.77 -6.76	68.77 5.74 0.00	76.81 6.02 0.00	90.34 7.15 0.00	79.74 4.73 0.00	62.21 3.58 0.00	49.19 3.22 0.00	40.29 2.53 0.00
CE_NYC_DRP 24195	34.25 2.12 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.01 2.70 0.00	33.10 2.68 0.00	32.86 2.69 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.78 3.35 0.00	42.20 3.90 -0.01	44.49 4.26 -0.01	51.92 4.36 -5.27	59.84 4.87 -6.76	69.02 5.99 0.00	77.17 6.37 0.00	90.75 7.57 0.00	80.19 5.18 0.00	62.38 3.75 0.00	49.19 3.22 0.00	40.26 2.49 0.00
CHAFFEE___LFGE 323603	29.30 -2.80 0.02	24.30 -2.31 -0.09	21.67 -2.11 -0.08	19.98 -1.99 -0.09	20.03 -2.02 -0.10	23.56 -2.05 0.03	26.27 -2.42 4.52	27.45 -2.00 3.86	26.17 -1.77 2.48	28.13 -2.02 0.03	29.47 -2.04 0.36	28.80 -2.14 3.03	29.87 -2.29 4.26	31.38 -2.30 4.60	33.34 -2.25 4.62	36.38 -2.45 3.47	37.05 -2.60 8.56	45.59 -3.15 14.29	55.77 -3.54 11.49	62.44 -4.49 16.25	58.17 -4.20 12.65	43.30 -3.52 11.82	35.08 -3.08 7.81	32.43 -2.42 2.91
CHATEAUG_35_KV_LOAD 355732	31.74 -0.39 0.00	26.10 -0.42 0.00	23.29 -0.40 0.00	21.56 -0.33 0.00	21.61 -0.35 0.00	25.30 -0.33 0.00	32.69 -0.53 0.00	32.75 -0.57 0.00	29.99 -0.43 0.00	29.81 -0.36 0.00	31.52 -0.35 0.00	33.60 -0.37 0.00	35.99 -0.44 0.00	37.78 -0.50 0.00	39.61 -0.60 0.00	41.79 -0.51 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.10 -1.08 0.00	74.19 -0.83 0.00	57.81 -0.82 0.00	45.28 -0.69 0.00	37.23 -0.53 0.00
CHATEAUG_WT_PWR 323614	31.74 -0.38 0.00	26.10 -0.43 0.00	23.29 -0.40 0.00	21.54 -0.35 0.00	21.61 -0.35 0.00	25.28 -0.36 0.00	32.66 -0.56 0.00	32.75 -0.57 0.00	30.02 -0.40 0.00	29.84 -0.33 0.00	31.55 -0.32 0.00	33.67 -0.31 0.00	36.03 -0.40 0.00	37.82 -0.46 0.00	39.69 -0.52 0.00	41.83 -0.46 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.02 -0.78 0.00	81.94 -1.25 0.00	74.04 -0.98 0.00	57.75 -0.88 0.00	45.23 -0.74 0.00	37.16 -0.61 0.00
CHAT_HIGH_FALL_HYD 323578	31.74 -0.39 0.00	26.10 -0.42 0.00	23.29 -0.40 0.00	21.56 -0.33 0.00	21.61 -0.35 0.00	25.30 -0.33 0.00	32.69 -0.53 0.00	32.75 -0.57 0.00	29.99 -0.43 0.00	29.81 -0.36 0.00	31.52 -0.35 0.00	33.60 -0.37 0.00	35.99 -0.44 0.00	37.78 -0.50 0.00	39.61 -0.60 0.00	41.79 -0.51 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.10 -1.08 0.00	74.19 -0.83 0.00	57.81 -0.82 0.00	45.28 -0.69 0.00	37.23 -0.53 0.00
CHAUTAUQUA___LFGE 323629	29.50 -2.60 0.03	24.48 -2.12 -0.07	21.87 -1.90 -0.07	20.19 -1.77 -0.07	20.24 -1.80 -0.08	23.77 -1.82 0.04	26.37 -2.16 4.69	27.61 -1.70 4.00	26.36 -1.49 2.57	28.49 -1.66 0.03	29.78 -1.72 0.37	29.03 -1.80 3.14	30.04 -1.97 4.42	31.48 -1.87 4.93	33.42 -1.85 4.95	36.52 -2.07 3.71	36.89 -2.17 9.15	45.30 -2.59 15.14	55.73 -2.83 12.23	62.31 -3.57 17.30	58.15 -3.45 13.42	43.19 -2.99 12.46	35.21 -2.71 8.05	32.55 -2.19 3.02
CHERRYST_13_KV_LD 356241	34.31 2.18 0.00	31.33 1.96 -2.84	28.13 1.78 -2.66	26.25 1.58 -2.78	26.84 1.62 -3.26	30.14 1.95 -2.55	35.68 2.46 0.00	36.11 2.80 0.00	33.22 2.80 0.00	32.98 2.81 0.00	35.02 3.16 0.00	37.14 3.16 0.00	39.96 3.53 0.00	42.39 4.10 -0.01	44.65 4.42 -0.01	52.09 4.53 -5.27	60.03 5.06 -6.76	69.27 6.24 0.00	77.45 6.65 0.00	91.09 7.90 0.00	80.49 5.48 0.00	62.62 3.99 0.00	49.33 3.36 0.00	40.37 2.61 0.00

CHESTROR_138KV_BK263 355645	33.83 1.70 0.00	30.79 1.54 -2.73	27.62 1.37 -2.55	25.78 1.23 -2.67	26.31 1.23 -3.13	29.57 1.49 -2.45	35.12 1.89 0.00	35.41 2.10 0.00	32.43 2.01 0.00	32.14 1.96 0.00	34.07 2.20 0.00	36.18 2.21 0.00	38.94 2.51 0.00	41.31 3.02 0.00	43.55 3.34 0.00	50.64 3.47 -4.87	58.48 4.00 -6.26	67.38 4.35 0.00	75.47 4.67 0.00	88.76 5.57 0.00	79.07 4.05 0.00	61.39 2.76 0.00	48.27 2.30 0.00	39.54 1.77 0.00
CH_MIDHUDSON___DRP 24192	33.96 1.83 0.00	31.04 1.64 -2.87	27.85 1.47 -2.69	26.01 1.31 -2.81	26.59 1.34 -3.29	29.81 1.59 -2.58	35.25 2.03 0.00	35.54 2.23 0.00	32.55 2.13 0.00	32.23 2.05 0.00	34.16 2.29 0.00	36.29 2.31 0.00	39.05 2.62 0.00	41.38 3.10 0.00	43.63 3.42 0.00	50.91 3.51 -5.10	58.77 4.00 -6.56	68.07 5.04 0.00	76.25 5.45 0.00	89.67 6.49 0.00	79.82 4.80 0.00	61.97 3.34 0.00	48.73 2.76 0.00	39.92 2.15 0.00
CH_MISC_IPPS 23765	34.08 1.96 0.00	31.07 1.72 -2.83	27.86 1.52 -2.65	26.01 1.36 -2.76	26.58 1.38 -3.24	29.84 1.67 -2.54	35.35 2.13 0.00	35.61 2.30 0.00	32.61 2.19 0.00	32.38 2.20 0.00	34.23 2.36 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.42 3.14 0.00	43.87 3.66 0.00	51.10 3.76 -5.04	59.08 4.39 -6.48	68.64 5.61 0.00	76.88 6.09 0.00	90.42 7.23 0.00	80.49 5.47 0.00	62.44 3.81 0.00	49.00 3.03 0.00	39.99 2.23 0.00
CH_RES_BVR_FALLS 23983	31.93 -0.19 0.00	26.34 -0.18 0.00	23.53 -0.16 0.00	21.74 -0.15 0.00	21.81 -0.15 0.00	25.48 -0.15 0.00	32.99 -0.23 0.00	33.08 -0.23 0.00	30.24 -0.18 0.00	30.03 -0.15 0.00	31.74 -0.13 0.00	33.84 -0.14 0.00	36.24 -0.18 0.00	38.09 -0.19 0.00	39.97 -0.24 0.00	42.05 -0.25 0.00	47.93 -0.29 0.00	62.59 -0.44 0.00	70.37 -0.42 0.00	82.61 -0.58 0.00	74.57 -0.45 0.00	58.22 -0.41 0.00	45.65 -0.32 0.00	37.50 -0.26 0.00
CH_RES_NIAGARA 23895	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
CH_RES_SYRACUSE 23985	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.76 -0.19 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.95 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.82 -0.36 0.00	31.45 -0.42 0.00	33.57 -0.41 0.00	35.99 -0.57 0.00	37.79 -0.57 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.50 -0.26 0.00
CLINTON_WT_PWR 323605	31.74 -0.38 0.00	26.10 -0.43 0.00	23.29 -0.40 0.00	21.54 -0.35 0.00	21.61 -0.35 0.00	25.28 -0.36 0.00	32.66 -0.56 0.00	32.75 -0.57 0.00	30.02 -0.40 0.00	29.84 -0.33 0.00	31.55 -0.32 0.00	33.67 -0.31 0.00	36.03 -0.40 0.00	37.82 -0.46 0.00	39.69 -0.52 0.00	41.83 -0.46 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.02 -0.78 0.00	81.94 -1.25 0.00	74.04 -0.98 0.00	57.75 -0.88 0.00	45.23 -0.74 0.00	37.16 -0.61 0.00
CLINTON___LFGE 323618	32.16 0.03 0.00	26.37 -0.16 0.00	23.48 -0.21 0.00	21.76 -0.13 0.00	21.83 -0.13 0.00	25.61 -0.03 0.00	33.06 -0.17 0.00	33.11 -0.20 0.00	30.30 -0.12 0.00	30.09 -0.09 0.00	31.81 -0.06 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.34 0.04 0.00	48.26 0.05 0.00	63.16 0.13 0.00	71.36 0.56 0.00	83.69 0.50 0.00	75.69 0.67 0.00	58.63 0.00 0.00	45.92 -0.05 0.00	37.76 0.00 0.00
COBBLENY_34_KV_TB1 80064	29.31 -2.79 0.02	24.30 -2.31 -0.09	21.67 -2.11 -0.08	19.98 -1.99 -0.09	20.03 -2.02 -0.10	23.56 -2.05 0.03	26.27 -2.43 4.52	27.45 -2.00 3.86	26.18 -1.76 2.48	28.19 -1.96 0.03	29.44 -2.07 0.36	28.84 -2.11 3.03	29.87 -2.29 4.26	31.31 -2.37 4.60	33.38 -2.21 4.62	36.34 -2.50 3.47	36.95 -2.70 8.56	45.59 -3.15 14.29	55.76 -3.54 11.49	62.44 -4.49 16.25	58.16 -4.20 12.65	43.35 -3.46 11.82	35.08 -3.08 7.81	32.39 -2.45 2.91
COFFEEN___115KV_TB3 355620	32.45 0.32 0.00	26.85 0.19 -0.14	23.87 0.05 -0.13	22.18 0.15 -0.14	22.27 0.15 -0.16	26.10 0.33 -0.13	33.89 0.66 0.00	33.51 0.20 0.00	30.39 -0.03 0.00	29.93 -0.24 0.00	31.46 -0.41 0.00	33.64 -0.34 0.00	35.92 -0.51 0.00	37.77 -0.57 -0.07	40.43 -0.68 -0.90	42.72 -0.80 -1.22	49.45 -0.39 -1.62	64.69 -0.19 -1.85	74.45 1.13 -2.52	90.04 3.66 -3.19	80.73 3.53 -2.19	61.25 2.17 -0.45	47.71 1.61 -0.13	38.78 1.02 0.00
COLDSPRG_115KV_BK1 355956	30.05 -2.06 0.02	24.72 -1.94 -0.13	21.93 -1.90 -0.13	20.27 -1.75 -0.13	20.31 -1.80 -0.15	24.48 -1.18 -0.02	27.73 -1.30 4.19	28.90 -0.83 3.58	27.45 -0.67 2.30	29.04 -1.12 0.02	30.68 -0.86 0.33	30.28 -0.88 2.81	31.49 -0.98 3.95	33.19 -0.84 4.25	35.31 -0.64 4.26	38.17 -0.93 3.20	39.39 -0.92 7.91	48.95 -0.82 13.26	59.23 -0.92 10.64	66.63 -1.50 15.05	61.78 -1.50 11.74	46.34 -1.29 11.00	37.31 -1.38 7.29	33.85 -1.21 2.70
COLONIE_LFGE___ 323577	33.51 1.38 0.00	31.31 1.25 -3.54	28.15 1.14 -3.32	26.41 1.05 -3.47	27.07 1.05 -4.06	30.02 1.21 -3.18	34.85 1.63 0.00	34.85 1.53 0.00	31.45 1.03 0.00	31.08 0.90 0.00	32.73 0.86 0.00	34.93 0.95 0.00	37.44 1.02 0.00	39.47 1.19 0.00	41.62 1.41 0.00	43.90 1.61 0.00	50.05 1.83 0.00	65.49 2.46 0.00	73.42 2.62 0.00	86.52 3.33 0.00	78.02 3.00 0.00	60.98 2.35 0.00	47.81 1.84 0.00	39.23 1.47 0.00
COOPERNY_115KV_TB1 80082	32.96 0.84 0.00	29.21 0.77 -1.91	26.17 0.69 -1.79	24.38 0.61 -1.87	24.77 0.61 -2.20	28.10 0.74 -1.72	34.19 0.96 0.00	34.51 1.20 0.00	31.55 1.13 0.00	31.26 1.09 0.00	33.08 1.21 0.00	35.20 1.22 0.00	37.81 1.38 0.00	39.97 1.68 0.00	42.06 1.85 0.00	46.23 1.69 -2.24	53.02 1.93 -2.88	66.12 3.09 0.00	74.12 3.33 0.00	87.26 4.08 0.00	77.87 2.85 0.00	60.57 1.93 0.00	47.62 1.65 0.00	39.05 1.28 0.00
COPENHAGEN_WT_PWR 323753	32.22 0.10 0.00	26.70 0.03 -0.15	23.76 -0.07 -0.14	22.06 0.02 -0.14	22.15 0.02 -0.17	25.95 0.18 -0.13	33.65 0.43 0.00	33.35 0.03 0.00	30.27 -0.15 0.00	29.82 -0.36 0.00	31.39 -0.48 0.00	33.53 -0.44 0.00	35.81 -0.62 0.00	37.70 -0.65 -0.07	40.40 -0.77 -0.95	42.69 -0.89 -1.29	49.35 -0.58 -1.71	64.48 -0.51 -1.95	74.09 0.64 -2.65	89.21 2.66 -3.36	79.93 2.62 -2.29	60.62 1.52 -0.47	47.25 1.15 -0.14	38.48 0.72 0.00
CORNELL_____ 23752	32.39 0.26 -0.01	27.50 0.21 -0.76	24.57 0.17 -0.72	22.79 0.15 -0.75	22.97 0.13 -0.88	26.68 0.31 -0.74	35.87 0.47 -2.18	35.81 0.63 -1.86	32.18 0.46 -1.30	30.37 0.18 -0.01	32.21 0.16 -0.18	35.78 0.20 -1.60	38.89 0.22 -2.25	41.56 0.19 -3.09	44.16 0.28 -3.67	45.82 0.13 -3.39	55.61 0.39 -7.01	72.50 0.95 -8.52	80.60 1.49 -8.32	97.08 2.41 -11.49	85.26 2.03 -8.22	65.58 1.41 -5.54	49.81 0.92 -2.92	39.84 0.68 -1.40

CORONA__69_KV_TB1 355595	41.61 2.47 -7.01	35.68 2.20 -6.96	28.36 1.99 -2.68	26.45 1.77 -2.78	31.08 1.82 -7.30	30.39 2.18 -2.57	39.95 2.72 -4.00	40.64 3.00 -4.33	33.34 2.92 0.00	33.06 2.87 -0.02	46.73 3.16 -11.71	48.09 3.13 -10.99	56.99 3.42 -17.14	59.91 3.94 -17.69	62.57 4.18 -18.17	60.89 4.23 -14.36	60.72 4.73 -7.78	79.59 5.99 -10.57	89.76 6.44 -12.52	90.94 7.74 -0.02	80.49 5.48 0.00	62.56 3.93 0.00	54.76 3.45 -5.34	46.52 2.79 -5.96
CORTLAND__115KV_TB3 80093	32.13 0.00 0.00	27.10 0.03 -0.54	24.23 0.02 -0.51	22.42 0.00 -0.53	22.58 0.00 -0.63	26.25 0.10 -0.51	34.18 0.20 -0.76	34.22 0.27 -0.64	31.05 0.18 -0.45	30.18 0.00 0.00	31.90 -0.03 -0.06	34.53 0.00 -0.55	37.20 0.00 -0.77	39.34 -0.04 -1.10	41.96 0.04 -1.71	43.97 -0.04 -1.71	51.44 0.10 -3.13	67.11 0.44 -3.63	75.55 0.71 -4.05	89.87 1.25 -5.44	79.83 1.05 -3.76	61.12 0.64 -1.84	47.27 0.41 -0.89	38.51 0.26 -0.49
COXSACKIE__GT 23611	33.99 1.86 0.00	31.13 1.27 -3.33	27.93 1.11 -3.12	26.20 1.05 -3.26	26.79 1.01 -3.82	29.81 1.18 -2.99	35.15 1.93 0.00	34.94 1.63 0.00	31.39 0.97 0.00	30.90 0.72 0.00	32.51 0.64 0.00	34.76 0.78 0.00	37.34 0.91 0.00	39.51 1.22 0.00	41.78 1.57 0.00	45.17 2.07 -0.80	51.74 2.51 -1.02	66.43 3.40 0.00	75.11 4.32 0.00	89.09 5.91 0.00	80.42 5.40 0.00	62.56 3.93 0.00	48.63 2.67 0.00	39.88 2.11 0.00
CPV_VALLEY__CC1 323721	33.38 1.25 0.00	30.08 1.14 -2.41	26.97 1.02 -2.26	25.17 0.92 -2.36	25.65 0.92 -2.77	28.90 1.10 -2.17	34.62 1.40 0.00	34.91 1.60 0.00	32.00 1.58 0.00	31.77 1.60 0.00	33.59 1.72 0.00	35.71 1.73 0.00	38.39 1.97 0.00	40.54 2.26 0.00	42.79 2.58 0.00	48.83 2.58 -3.96	56.24 2.94 -5.09	66.75 3.72 0.00	74.76 3.96 0.00	87.92 4.74 0.00	78.31 3.30 0.00	60.92 2.28 0.00	47.86 1.89 0.00	39.12 1.36 0.00
CPV_VALLEY__CC2 323722	33.38 1.25 0.00	30.08 1.14 -2.41	26.97 1.02 -2.26	25.17 0.92 -2.36	25.65 0.92 -2.77	28.90 1.10 -2.17	34.62 1.40 0.00	34.91 1.60 0.00	32.00 1.58 0.00	31.77 1.60 0.00	33.59 1.72 0.00	35.71 1.73 0.00	38.39 1.97 0.00	40.54 2.26 0.00	42.79 2.58 0.00	48.83 2.58 -3.96	56.24 2.94 -5.09	66.75 3.72 0.00	74.76 3.96 0.00	87.92 4.74 0.00	78.31 3.30 0.00	60.92 2.28 0.00	47.86 1.89 0.00	39.12 1.36 0.00
CRESCENT__HYD 24018	33.51 1.38 0.00	31.31 1.25 -3.54	28.15 1.14 -3.32	26.41 1.05 -3.47	27.07 1.05 -4.06	30.02 1.21 -3.18	34.85 1.63 0.00	34.85 1.53 0.00	31.45 1.03 0.00	31.08 0.90 0.00	32.73 0.86 0.00	34.93 0.95 0.00	37.44 1.02 0.00	39.47 1.19 0.00	41.62 1.41 0.00	43.90 1.61 0.00	50.05 1.83 0.00	65.49 2.46 0.00	73.42 2.62 0.00	86.52 3.33 0.00	78.02 3.00 0.00	60.98 2.35 0.00	47.81 1.84 0.00	39.23 1.47 0.00
CRICKET__VALLEY_CC1 323756	33.76 1.64 0.00	30.96 1.48 -2.95	27.78 1.33 -2.76	25.98 1.20 -2.88	26.57 1.23 -3.38	29.74 1.46 -2.65	35.08 1.86 0.00	35.38 2.07 0.00	32.37 1.95 0.00	32.14 1.96 0.00	33.97 2.10 0.00	36.08 2.11 0.00	38.79 2.37 0.00	40.85 2.57 0.00	43.19 2.98 0.00	50.97 3.05 -5.62	58.82 3.37 -7.23	67.19 4.16 0.00	75.19 4.39 0.00	88.34 5.16 0.00	78.62 3.60 0.00	61.15 2.52 0.00	48.18 2.21 0.00	39.39 1.62 0.00
CRICKET__VALLEY_CC2 323757	33.76 1.64 0.00	30.96 1.48 -2.95	27.78 1.33 -2.76	25.98 1.20 -2.88	26.57 1.23 -3.38	29.74 1.46 -2.65	35.08 1.86 0.00	35.38 2.07 0.00	32.37 1.95 0.00	32.14 1.96 0.00	33.97 2.10 0.00	36.08 2.11 0.00	38.79 2.37 0.00	40.85 2.57 0.00	43.19 2.98 0.00	50.97 3.05 -5.62	58.82 3.37 -7.23	67.19 4.16 0.00	75.19 4.39 0.00	88.34 5.16 0.00	78.62 3.60 0.00	61.15 2.52 0.00	48.18 2.21 0.00	39.39 1.62 0.00
CRICKET__VALLEY_CC3 323758	33.76 1.64 0.00	30.96 1.48 -2.95	27.78 1.33 -2.76	25.98 1.20 -2.88	26.57 1.23 -3.38	29.74 1.46 -2.65	35.08 1.86 0.00	35.38 2.07 0.00	32.37 1.95 0.00	32.14 1.96 0.00	33.97 2.10 0.00	36.08 2.11 0.00	38.79 2.37 0.00	40.85 2.57 0.00	43.19 2.98 0.00	50.97 3.05 -5.62	58.82 3.37 -7.23	67.19 4.16 0.00	75.19 4.39 0.00	88.34 5.16 0.00	78.62 3.60 0.00	61.15 2.52 0.00	48.18 2.21 0.00	39.39 1.62 0.00
CRUCIBLE__METL_DRP 24180	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.74 -0.21 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.96 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.76 -0.61 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00
DAHOWA__HYDRO 323763	33.96 1.83 0.00	31.72 1.62 -3.58	28.52 1.47 -3.36	26.75 1.36 -3.51	27.43 1.36 -4.11	30.44 1.59 -3.22	35.35 2.13 0.00	35.14 1.83 0.00	31.67 1.25 0.00	31.20 1.03 0.00	32.83 0.96 0.00	35.16 1.19 0.00	37.67 1.24 0.00	39.74 1.45 0.00	41.90 1.69 0.00	44.29 1.99 0.00	50.77 2.55 0.00	66.37 3.34 0.00	74.47 3.68 0.00	88.43 5.24 0.00	79.82 4.81 0.00	62.56 3.93 0.00	48.82 2.85 0.00	40.03 2.27 0.00
DANC__LFGE 323619	31.93 -0.19 0.00	26.54 -0.16 -0.17	23.64 -0.21 -0.16	21.93 -0.13 -0.17	22.03 -0.13 -0.20	25.72 -0.08 -0.16	33.29 0.07 0.00	33.11 -0.20 0.00	30.12 -0.30 0.00	29.69 -0.48 0.00	31.30 -0.57 0.00	33.40 -0.58 0.00	35.73 -0.69 0.00	37.60 -0.77 -0.09	40.51 -0.88 -1.18	42.93 -0.97 -1.61	49.55 -0.82 -2.16	65.01 -0.82 -2.80	74.11 -0.14 -3.45	88.74 1.16 -4.39	79.27 1.13 -3.13	60.21 0.53 -1.05	46.79 0.37 -0.46	37.95 0.19 0.00
DANSKAMMER__1 23586	34.08 1.96 0.00	31.07 1.72 -2.83	27.86 1.52 -2.65	26.01 1.36 -2.76	26.58 1.38 -3.24	29.84 1.67 -2.54	35.35 2.13 0.00	35.61 2.30 0.00	32.61 2.19 0.00	32.38 2.20 0.00	34.23 2.36 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.42 3.14 0.00	43.87 3.66 0.00	51.10 3.76 -5.04	59.08 4.39 -6.48	68.64 5.61 0.00	76.88 6.09 0.00	90.42 7.23 0.00	80.49 5.47 0.00	62.44 3.81 0.00	49.00 3.03 0.00	39.99 2.23 0.00
DANSKAMMER__2 23589	34.08 1.96 0.00	31.07 1.72 -2.83	27.86 1.52 -2.65	26.01 1.36 -2.76	26.58 1.38 -3.24	29.84 1.67 -2.54	35.35 2.13 0.00	35.61 2.30 0.00	32.61 2.19 0.00	32.38 2.20 0.00	34.23 2.36 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.42 3.14 0.00	43.87 3.66 0.00	51.10 3.76 -5.04	59.08 4.39 -6.48	68.64 5.61 0.00	76.88 6.09 0.00	90.42 7.23 0.00	80.49 5.47 0.00	62.44 3.81 0.00	49.00 3.03 0.00	39.99 2.23 0.00
DANSKAMMER__3 23590	34.08 1.96 0.00	31.07 1.72 -2.83	27.86 1.52 -2.65	26.01 1.36 -2.76	26.58 1.38 -3.24	29.84 1.67 -2.54	35.35 2.13 0.00	35.61 2.30 0.00	32.61 2.19 0.00	32.38 2.20 0.00	34.23 2.36 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.42 3.14 0.00	43.87 3.66 0.00	51.10 3.76 -5.04	59.08 4.39 -6.48	68.64 5.61 0.00	76.88 6.09 0.00	90.42 7.23 0.00	80.49 5.47 0.00	62.44 3.81 0.00	49.00 3.03 0.00	39.99 2.23 0.00

DANSKAMMER___4 23591	34.08 1.96 0.00	31.07 1.72 -2.83	27.86 1.52 -2.65	26.01 1.36 -2.76	26.58 1.38 -3.24	29.84 1.67 -2.54	35.35 2.13 0.00	35.61 2.30 0.00	32.61 2.19 0.00	32.38 2.20 0.00	34.23 2.36 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.42 3.14 0.00	43.87 3.66 0.00	51.10 3.76 -5.04	59.08 4.39 -6.48	68.64 5.61 0.00	76.88 6.09 0.00	90.42 7.23 0.00	80.49 5.47 0.00	62.44 3.81 0.00	49.00 3.03 0.00	39.99 2.23 0.00
DANSKAMMER___DIESEL 23592	34.08 1.96 0.00	31.07 1.72 -2.83	27.88 1.54 -2.65	26.01 1.36 -2.76	26.58 1.38 -3.24	29.84 1.67 -2.54	35.35 2.13 0.00	35.61 2.30 0.00	32.61 2.19 0.00	32.32 2.14 0.00	34.26 2.39 0.00	36.39 2.41 0.00	39.16 2.73 0.00	41.57 3.29 0.00	43.83 3.62 0.00	51.07 3.76 -5.01	59.04 4.39 -6.44	68.64 5.61 0.00	76.88 6.09 0.00	90.42 7.24 0.00	80.49 5.48 0.00	62.44 3.81 0.00	49.00 3.03 0.00	40.10 2.34 0.00
DARBY___SOLAR 323810	33.83 1.70 0.00	31.61 1.51 -3.58	28.42 1.37 -3.35	26.66 1.27 -3.50	27.33 1.27 -4.10	30.34 1.49 -3.21	35.21 1.99 0.00	35.04 1.73 0.00	31.58 1.16 0.00	31.11 0.94 0.00	32.73 0.86 0.00	35.03 1.05 0.00	37.56 1.13 0.00	39.58 1.30 0.00	41.74 1.53 0.00	44.12 1.82 0.00	50.53 2.31 0.00	66.12 3.09 0.00	74.19 3.40 0.00	88.01 4.82 0.00	79.37 4.35 0.00	62.21 3.58 0.00	48.54 2.57 0.00	39.84 2.08 0.00
DASHVILLE___HYD 23610	34.08 1.96 0.00	30.82 1.43 -2.87	27.66 1.28 -2.69	25.81 1.12 -2.81	26.39 1.14 -3.29	29.57 1.36 -2.57	35.28 2.06 0.00	35.58 2.27 0.00	32.61 2.19 0.00	32.32 2.14 0.00	34.26 2.39 0.00	36.39 2.41 0.00	39.19 2.77 0.00	41.61 3.33 0.00	43.91 3.70 0.00	50.22 4.06 -3.86	57.95 4.77 -4.96	68.70 5.67 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.49 5.48 0.00	62.38 3.75 0.00	49.05 3.08 0.00	40.14 2.38 0.00
DELAWARE___LFGE 323621	33.06 0.93 0.00	28.57 0.82 -1.23	25.55 0.71 -1.15	23.75 0.66 -1.20	24.03 0.66 -1.41	27.56 0.82 -1.10	34.29 1.06 -0.01	34.28 0.97 -0.01	31.24 0.82 0.00	30.93 0.75 0.00	32.67 0.80 0.00	34.86 0.88 0.00	37.38 0.95 -0.01	39.47 1.15 -0.04	41.66 1.25 -0.20	44.23 1.31 -0.62	50.68 1.64 -0.83	65.83 2.33 -0.47	73.96 2.55 -0.61	87.38 3.41 -0.79	78.26 2.70 -0.54	60.71 1.93 -0.15	47.62 1.61 -0.04	39.01 1.25 0.00
DERFIELD_115KV_TB7 355931	32.25 0.13 0.00	26.66 0.13 0.00	23.81 0.12 0.00	22.00 0.11 0.00	22.07 0.11 0.00	25.77 0.13 0.00	33.39 0.17 0.00	33.48 0.17 0.00	30.54 0.12 0.00	30.27 0.09 0.00	31.97 0.10 0.00	34.04 0.07 0.00	36.50 0.07 0.00	38.40 0.11 0.00	40.33 0.12 0.00	42.42 0.13 0.00	48.36 0.14 0.00	63.28 0.25 0.00	71.01 0.21 0.00	83.60 0.42 0.00	75.24 0.23 0.00	58.75 0.12 0.00	46.11 0.14 0.00	37.88 0.11 0.00
DOGLEVILLE___HYD 23807	32.77 0.64 0.00	27.11 0.58 0.00	24.19 0.50 0.00	22.33 0.44 0.00	22.40 0.44 0.00	26.18 0.54 0.00	33.95 0.73 0.00	33.91 0.60 0.00	30.91 0.49 0.00	30.63 0.45 0.00	32.35 0.48 0.00	34.49 0.51 0.00	36.94 0.51 0.00	38.63 0.34 0.00	40.49 0.28 0.00	42.47 0.17 0.00	48.50 0.29 0.00	63.47 0.44 0.00	71.57 0.78 0.00	84.60 1.41 0.00	76.29 1.28 0.00	59.63 1.00 0.00	47.07 1.10 0.00	38.63 0.87 0.00
DUNKIRK___115KV_TB_200 55889	29.50 -2.60 0.03	24.47 -2.12 -0.07	21.87 -1.90 -0.07	20.17 -1.80 -0.07	20.24 -1.80 -0.08	23.75 -1.85 0.05	26.32 -2.19 4.71	27.56 -1.73 4.02	26.32 -1.52 2.58	28.52 -1.63 0.03	29.72 -1.78 0.37	28.99 -1.83 3.16	29.99 -2.00 4.44	31.34 -1.99 4.95	33.35 -1.89 4.97	36.41 -2.16 3.73	36.70 -2.31 9.20	45.17 -2.65 15.22	55.60 -2.90 12.29	62.14 -3.66 17.38	58.01 -3.53 13.48	43.07 -3.05 12.51	35.14 -2.76 8.08	32.47 -2.27 3.03
DUNKIRK___1 23563	29.50 -2.60 0.03	24.47 -2.12 -0.07	21.87 -1.90 -0.07	20.17 -1.80 -0.07	20.24 -1.80 -0.08	23.75 -1.85 0.05	26.32 -2.19 4.71	27.56 -1.73 4.02	26.32 -1.52 2.58	28.52 -1.63 0.03	29.72 -1.78 0.37	28.99 -1.83 3.16	29.99 -2.00 4.44	31.34 -1.99 4.95	33.35 -1.89 4.97	36.41 -2.16 3.73	36.70 -2.31 9.20	45.17 -2.65 15.22	55.60 -2.90 12.29	62.14 -3.66 17.38	58.01 -3.53 13.48	43.07 -3.05 12.51	35.14 -2.76 8.08	32.47 -2.27 3.03
DUNKIRK___2 23564	29.50 -2.60 0.03	24.47 -2.12 -0.07	21.87 -1.90 -0.07	20.17 -1.80 -0.07	20.24 -1.80 -0.08	23.75 -1.85 0.05	26.32 -2.19 4.71	27.56 -1.73 4.02	26.32 -1.52 2.58	28.52 -1.63 0.03	29.72 -1.78 0.37	28.99 -1.83 3.16	29.99 -2.00 4.44	31.34 -1.99 4.95	33.35 -1.89 4.97	36.41 -2.16 3.73	36.70 -2.31 9.20	45.17 -2.65 15.22	55.60 -2.90 12.29	62.14 -3.66 17.38	58.01 -3.53 13.48	43.07 -3.05 12.51	35.14 -2.76 8.08	32.47 -2.27 3.03
DUNKIRK___3 23565	29.37 -2.73 0.03	24.36 -2.23 -0.06	21.76 -1.99 -0.06	20.07 -1.88 -0.06	20.12 -1.91 -0.07	23.63 -1.95 0.06	26.13 -2.29 4.80	27.35 -1.87 4.10	26.18 -1.61 2.63	28.34 -1.81 0.03	29.58 -1.91 0.38	28.79 -1.97 3.22	29.76 -2.15 4.52	30.99 -2.18 5.11	33.03 -2.05 5.13	36.08 -2.37 3.85	36.17 -2.56 9.49	44.42 -2.96 15.64	54.81 -3.33 12.66	61.04 -4.24 17.90	57.18 -3.98 13.86	42.45 -3.34 12.83	34.82 -2.94 8.21	32.29 -2.38 3.09
DUNKIRK___4 23566	29.37 -2.73 0.03	24.36 -2.23 -0.06	21.76 -1.99 -0.06	20.07 -1.88 -0.06	20.12 -1.91 -0.07	23.63 -1.95 0.06	26.13 -2.29 4.80	27.35 -1.87 4.10	26.18 -1.61 2.63	28.34 -1.81 0.03	29.58 -1.91 0.38	28.79 -1.97 3.22	29.76 -2.15 4.52	30.99 -2.18 5.11	33.03 -2.05 5.13	36.08 -2.37 3.85	36.17 -2.56 9.49	44.42 -2.96 15.64	54.81 -3.33 12.66	61.04 -4.24 17.90	57.18 -3.98 13.86	42.45 -3.34 12.83	34.82 -2.94 8.21	32.29 -2.38 3.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.12 1.99 0.00	31.17 1.80 -2.84	27.99 1.63 -2.66	26.12 1.44 -2.78	26.69 1.47 -3.26	29.96 1.77 -2.55	35.45 2.23 0.00	35.84 2.53 0.00	32.88 2.46 0.00	32.62 2.44 0.00	34.64 2.77 0.00	36.73 2.75 0.00	39.49 3.06 0.00	41.88 3.60 0.00	44.15 3.94 0.00	51.57 4.02 -5.25	59.45 4.48 -6.75	68.58 5.55 0.00	76.74 5.95 0.00	90.26 7.07 0.00	79.97 4.95 0.00	62.21 3.58 0.00	48.96 2.99 0.00	40.07 2.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.89 1.77 0.00	30.84 1.56 -2.75	27.67 1.40 -2.58	25.83 1.25 -2.69	26.37 1.25 -3.16	29.62 1.51 -2.47	35.15 1.93 0.00	35.48 2.17 0.00	32.49 2.07 0.00	32.20 2.02 0.00	34.13 2.26 0.00	36.25 2.28 0.00	39.01 2.59 0.00	41.38 3.10 0.00	43.63 3.42 0.00	50.61 3.51 -4.81	58.49 4.10 -6.18	68.07 5.04 0.00	76.25 5.45 0.00	89.67 6.49 0.00	79.82 4.80 0.00	61.91 3.28 0.00	48.64 2.67 0.00	39.84 2.08 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.31 2.18 0.00	31.39 2.02 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.14 1.95 -2.55	35.45 2.23 0.00	35.91 2.60 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.83 2.96 0.01	36.92 2.96 0.01	39.73 3.31 0.01	42.12 3.83 -0.01	44.37 4.14 -0.02	51.80 4.23 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.46 5.66 0.00	90.01 6.82 0.00	79.37 4.35 0.00	61.97 3.34 0.00	49.05 3.08 0.00	40.29 2.53 0.00

E179THST_13_KV_LOAD 356214	34.47 2.35 0.00	31.50 2.12 -2.85	28.26 1.90 -2.67	26.37 1.69 -2.79	26.96 1.73 -3.27	30.24 2.05 -2.55	35.58 2.36 0.00	36.08 2.76 0.00	33.21 2.80 0.01	32.97 2.81 0.01	34.99 3.12 0.01	37.09 3.13 0.01	39.91 3.50 0.01	42.31 4.02 -0.01	44.61 4.38 -0.02	52.05 4.48 -5.27	59.84 4.87 -6.76	68.89 5.86 0.00	76.88 6.09 0.00	90.50 7.32 0.00	79.89 4.88 0.00	62.33 3.69 0.00	49.33 3.36 0.00	40.48 2.72 0.00
EAST HAMPTON___GT 23717	39.34 3.82 -3.40	34.68 3.32 -4.84	29.23 2.87 -2.67	27.17 2.49 -2.78	29.81 2.63 -5.22	31.35 3.15 -2.56	39.22 4.05 -1.94	39.71 4.30 -2.10	34.35 3.93 0.00	34.11 3.92 -0.01	41.66 4.11 -5.68	43.41 4.11 -5.33	49.00 4.26 -8.31	51.30 4.44 -8.58	53.85 4.82 -8.81	56.94 4.95 -9.69	61.19 5.69 -7.29	75.35 7.18 -5.13	84.73 7.86 -6.08	92.35 9.15 -0.02	81.39 6.37 0.00	63.15 4.51 0.00	52.37 3.81 -2.59	43.37 2.72 -2.89
EAST RIVER___6 23660	34.21 2.09 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.91 2.60 0.00	33.07 2.65 0.00	32.89 2.72 0.00	34.86 2.99 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.09 3.79 -0.01	44.53 4.30 -0.01	51.99 4.40 -5.29	59.92 4.92 -6.79	69.08 6.05 0.00	77.38 6.59 0.00	91.09 7.91 0.00	80.42 5.40 0.00	62.56 3.93 0.00	49.23 3.26 0.00	40.14 2.38 0.00
EAST RIVER___7 23524	34.21 2.09 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.91 2.60 0.00	33.07 2.65 0.00	32.89 2.72 0.00	34.86 2.99 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.09 3.79 -0.01	44.53 4.30 -0.01	51.99 4.40 -5.29	59.92 4.92 -6.79	69.08 6.05 0.00	77.38 6.59 0.00	91.09 7.91 0.00	80.42 5.40 0.00	62.56 3.93 0.00	49.23 3.26 0.00	40.14 2.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.05 1.93 0.00	31.11 1.75 -2.84	27.94 1.59 -2.66	26.07 1.40 -2.78	26.64 1.43 -3.26	29.90 1.72 -2.55	35.38 2.16 0.00	35.74 2.43 0.00	32.79 2.37 0.00	32.53 2.35 0.00	34.51 2.65 0.00	36.63 2.65 0.00	39.38 2.95 0.00	41.77 3.48 0.00	43.99 3.78 0.00	51.39 3.85 -5.24	59.29 4.34 -6.74	68.39 5.36 0.00	76.53 5.73 0.00	90.01 6.82 0.00	79.82 4.80 0.00	62.03 3.40 0.00	48.82 2.85 0.00	39.99 2.23 0.00
EAST_HAMPTON___DIESEL 23722	39.34 3.82 -3.40	34.68 3.32 -4.84	29.21 2.84 -2.67	27.15 2.47 -2.78	29.81 2.63 -5.22	31.33 3.13 -2.56	39.22 4.05 -1.94	39.71 4.30 -2.10	34.35 3.93 0.00	34.08 3.89 -0.01	41.63 4.08 -5.68	43.38 4.08 -5.33	48.96 4.22 -8.31	51.22 4.36 -8.58	53.77 4.74 -8.81	56.90 4.90 -9.69	61.09 5.59 -7.29	75.22 7.06 -5.13	84.59 7.72 -6.08	92.19 8.99 -0.02	81.24 6.22 0.00	63.09 4.45 0.00	52.33 3.77 -2.59	43.34 2.68 -2.89
EAST_POINT___SOLAR 323840	33.96 1.83 0.00	31.97 1.56 -3.88	28.75 1.42 -3.63	26.98 1.29 -3.79	27.72 1.32 -4.45	30.71 1.59 -3.48	34.75 1.53 0.00	33.65 0.33 0.00	30.36 -0.06 0.00	29.84 -0.33 0.00	31.42 -0.45 0.00	33.67 -0.31 0.00	36.06 -0.36 0.00	38.02 -0.27 0.00	40.01 -0.20 0.00	42.26 -0.04 0.00	48.70 0.48 0.00	63.73 0.69 0.00	72.71 1.91 0.00	88.51 5.33 0.00	81.02 6.00 0.00	63.21 4.58 0.00	49.28 3.31 0.00	40.22 2.45 0.00
EAST_PULASKI___ESR 323781	31.64 -0.48 0.00	26.35 -0.37 -0.20	23.55 -0.33 -0.18	21.80 -0.29 -0.19	21.90 -0.29 -0.23	25.48 -0.33 -0.18	32.89 -0.33 0.00	32.85 -0.47 0.00	29.93 -0.49 0.00	29.60 -0.57 0.00	31.20 -0.67 0.00	33.26 -0.72 0.00	35.62 -0.80 0.00	37.49 -0.92 -0.13	40.95 -1.00 -1.74	43.60 -1.06 -2.36	50.25 -1.16 -3.19	66.23 -1.33 -4.53	74.96 -1.06 -5.22	89.36 -0.50 -6.67	79.48 -0.45 -4.91	60.12 -0.59 -2.07	46.55 -0.41 -1.00	37.42 -0.34 0.00
EAST_RIVER___1 323558	34.24 2.12 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	35.98 2.67 0.00	33.10 2.68 0.00	32.92 2.75 0.00	34.86 2.99 0.00	37.04 3.06 0.00	39.78 3.35 0.00	42.09 3.79 -0.01	44.49 4.26 -0.01	51.95 4.36 -5.29	59.87 4.87 -6.79	69.02 5.99 0.00	77.17 6.37 0.00	90.75 7.57 0.00	80.19 5.17 0.00	62.44 3.81 0.00	49.19 3.22 0.00	40.11 2.34 0.00
EAST_RIVER___2 323559	34.21 2.09 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.91 2.60 0.00	33.07 2.65 0.00	32.89 2.72 0.00	34.86 2.99 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.09 3.79 -0.01	44.53 4.30 -0.01	51.99 4.40 -5.29	59.92 4.92 -6.79	69.08 6.05 0.00	77.38 6.59 0.00	91.09 7.91 0.00	80.42 5.40 0.00	62.56 3.93 0.00	49.23 3.26 0.00	40.14 2.38 0.00
EAST___DELAWARE_HYD 23607	33.51 1.38 0.00	30.23 1.22 -2.49	27.07 1.04 -2.33	25.27 0.94 -2.44	25.76 0.94 -2.86	29.03 1.15 -2.23	34.72 1.50 0.00	35.04 1.73 0.00	32.09 1.67 0.00	31.83 1.66 0.00	33.65 1.78 0.00	35.81 1.83 0.00	38.54 2.11 0.00	40.77 2.49 0.00	43.15 2.93 0.00	48.92 2.88 -3.75	56.55 3.52 -4.82	67.89 4.85 0.00	76.17 5.38 0.00	89.75 6.57 0.00	79.97 4.95 0.00	61.97 3.34 0.00	48.59 2.62 0.00	39.61 1.85 0.00
EIGHT_POINT___WT_PWR 323820	31.00 -1.22 -0.10	27.44 -0.98 -1.90	24.54 -0.92 -1.77	22.85 -0.90 -1.86	23.25 -0.90 -2.19	27.01 -0.74 -2.12	50.91 -0.80 -18.49	48.39 -0.70 -15.78	39.83 -0.70 -10.11	29.13 -1.15 -0.10	32.15 -1.12 -1.39	45.25 -1.12 -12.39	52.63 -1.24 -17.44	60.54 -1.19 -23.45	62.85 -1.21 -23.84	59.01 -1.44 -18.15	90.46 -1.35 -43.60	124.90 -1.26 -63.13	125.91 -0.85 -55.96	162.11 -0.08 -79.01	133.12 0.08 -58.03	105.61 -0.18 -47.15	71.40 -0.55 -25.98	49.31 -0.34 -11.88
ELBRIDGE_115KV_TB2 80188	31.58 -0.55 0.00	26.45 -0.37 -0.29	23.64 -0.33 -0.27	21.85 -0.33 -0.29	21.96 -0.33 -0.34	25.52 -0.38 -0.26	32.76 -0.47 0.00	32.81 -0.50 0.00	29.93 -0.49 0.00	29.66 -0.51 0.00	31.23 -0.64 0.00	33.33 -0.65 0.00	35.73 -0.69 0.00	37.46 -0.92 -0.09	40.59 -0.88 -1.26	43.15 -0.85 -1.70	49.59 -0.87 -2.25	64.65 -0.95 -2.57	73.44 -0.85 -3.50	86.86 -0.75 -4.43	77.30 -0.75 -3.03	58.55 -0.70 -0.62	45.51 -0.64 -0.18	37.20 -0.57 0.00
ELEC_TRO_TEK 24086	40.41 2.38 -5.91	34.96 2.12 -6.31	28.29 1.92 -2.68	26.38 1.71 -2.78	30.38 1.76 -6.67	30.31 2.10 -2.57	39.22 2.62 -3.38	39.89 2.93 -3.65	33.25 2.83 0.00	32.97 2.78 -0.02	44.80 3.06 -9.87	46.26 3.02 -9.26	54.16 3.28 -14.45	56.95 3.75 -14.91	59.55 4.02 -15.32	59.24 4.02 -12.93	60.27 4.44 -7.62	77.49 5.55 -8.91	87.37 6.02 -10.56	90.35 7.15 -0.02	79.97 4.95 0.00	62.21 3.58 0.00	53.69 3.22 -4.51	45.39 2.61 -5.03
ELLENBURG_WT_PWR 323604	31.74 -0.38 0.00	26.10 -0.43 0.00	23.29 -0.40 0.00	21.54 -0.35 0.00	21.61 -0.35 0.00	25.28 -0.36 0.00	32.66 -0.56 0.00	32.75 -0.57 0.00	30.02 -0.40 0.00	29.84 -0.33 0.00	31.55 -0.32 0.00	33.67 -0.31 0.00	36.03 -0.40 0.00	37.82 -0.46 0.00	39.69 -0.52 0.00	41.83 -0.46 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.02 -0.78 0.00	81.94 -1.25 0.00	74.04 -0.98 0.00	57.75 -0.88 0.00	45.23 -0.74 0.00	37.16 -0.61 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.14 -2.96 0.03	24.16 -2.39 -0.02	21.58 -2.13 -0.02	19.90 -2.01 -0.02	19.93 -2.04 -0.02	23.33 -2.20 0.10	25.41 -2.62 5.19	26.68 -2.20 4.43	25.63 -1.95 2.84	28.03 -2.11 0.03	29.20 -2.26 0.41	28.19 -2.31 3.48	28.99 -2.55 4.89	30.10 -2.60 5.58	32.08 -2.53 5.60	35.31 -2.79 4.20	34.83 -3.04 10.35	42.43 -3.66 16.95	52.94 -4.11 13.75	58.66 -5.07 19.45	55.19 -4.80 15.02	40.85 -3.93 13.85	33.76 -3.40 8.80	31.70 -2.72 3.34
EMPIRE_CC_1 323656	33.41 1.29 0.00	31.11 1.19 -3.39	27.94 1.07 -3.18	26.20 0.99 -3.32	26.84 0.99 -3.89	29.81 1.13 -3.05	34.75 1.53 0.00	34.78 1.46 0.00	31.42 1.00 0.00	31.08 0.90 0.00	32.73 0.86 0.00	34.89 0.92 0.00	37.44 1.02 0.00	39.47 1.19 0.00	41.62 1.41 0.00	44.27 1.52 -0.45	50.44 1.64 -0.58	65.18 2.14 0.00	72.99 2.20 0.00	85.93 2.74 0.00	77.34 2.33 0.00	60.45 1.82 0.00	47.48 1.51 0.00	39.01 1.24 0.00
EMPIRE_CC_2 323658	33.41 1.29 0.00	31.11 1.19 -3.39	27.94 1.07 -3.18	26.20 0.99 -3.32	26.84 0.99 -3.89	29.81 1.13 -3.05	34.75 1.53 0.00	34.78 1.46 0.00	31.42 1.00 0.00	31.08 0.90 0.00	32.73 0.86 0.00	34.89 0.92 0.00	37.44 1.02 0.00	39.47 1.19 0.00	41.62 1.41 0.00	44.27 1.52 -0.45	50.44 1.64 -0.58	65.18 2.14 0.00	72.99 2.20 0.00	85.93 2.74 0.00	77.34 2.33 0.00	60.45 1.82 0.00	47.48 1.51 0.00	39.01 1.24 0.00
ENORWICH_115KV_TB1 80156	33.42 1.28 -0.01	28.52 1.06 -0.93	25.42 0.85 -0.87	23.63 0.83 -0.91	23.82 0.79 -1.07	27.63 1.13 -0.86	35.89 1.59 -1.08	35.63 1.40 -0.92	32.03 1.00 -0.61	30.82 0.63 -0.01	32.53 0.57 -0.08	35.47 0.75 -0.75	38.28 0.80 -1.05	40.71 0.96 -1.47	43.13 1.05 -1.87	45.39 0.89 -2.20	53.89 1.59 -4.09	70.25 2.77 -4.44	79.53 4.18 -4.55	95.74 6.32 -6.23	84.97 5.55 -4.40	65.30 3.99 -2.68	50.23 2.90 -1.36	40.61 2.15 -0.69
ERIE_ST__34_KV_TB1-2 80199	29.56 -2.54 0.02	24.25 -2.36 -0.09	21.45 -2.32 -0.08	19.83 -2.15 -0.08	19.83 -2.22 -0.09	23.94 -1.67 0.03	26.87 -1.93 4.43	28.03 -1.50 3.78	26.71 -1.28 2.43	28.34 -1.81 0.02	29.99 -1.53 0.35	29.48 -1.53 2.97	30.54 -1.71 4.18	33.96 -1.72 2.60	36.08 -1.53 2.61	38.44 -1.86 1.99	41.32 -1.93 4.96	51.46 -2.27 9.31	60.97 -2.69 7.14	69.43 -3.66 10.10	63.40 -3.38 8.24	47.80 -2.58 8.25	35.89 -2.39 7.69	32.98 -1.93 2.85
ERIE_WT_PWR 323693	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.39 -2.18 0.07	25.81 -2.63 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	27.98 -2.17 0.03	29.23 -2.26 0.38	28.42 -2.34 3.21	29.36 -2.55 4.51	30.83 -2.53 4.92	32.70 -2.57 4.94	35.84 -2.75 3.71	36.07 -2.99 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.75 -4.80 13.46	42.11 -3.99 12.53	34.35 -3.40 8.22	32.04 -2.64 3.08
ESPRGFLD_115KV_TB1 80157	33.38 1.25 0.00	27.63 1.06 -0.05	24.66 0.92 -0.04	22.79 0.85 -0.04	22.87 0.86 -0.05	26.76 1.08 -0.04	34.55 1.33 0.00	34.25 0.93 0.00	31.12 0.70 0.00	30.66 0.48 0.00	32.35 0.48 0.00	34.59 0.61 0.00	37.08 0.66 0.00	39.12 0.84 0.00	41.10 0.88 0.00	43.23 0.93 0.00	49.71 1.49 0.00	65.24 2.21 0.00	73.84 3.04 0.00	88.09 4.91 0.00	79.44 4.43 0.00	61.86 3.22 0.00	48.45 2.48 0.00	39.61 1.85 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.33 0.19 -0.01	27.45 0.19 -0.74	24.53 0.14 -0.69	22.72 0.11 -0.72	22.91 0.11 -0.85	26.60 0.26 -0.70	35.44 0.40 -1.82	35.43 0.57 -1.55	31.96 0.43 -1.11	30.34 0.15 -0.01	32.12 0.10 -0.15	35.51 0.17 -1.36	38.49 0.15 -1.92	41.09 0.15 -2.65	43.69 0.24 -3.24	45.42 0.04 -3.08	54.74 0.29 -6.24	71.19 0.82 -7.34	79.43 1.35 -7.29	95.37 2.16 -10.02	83.96 1.80 -7.14	64.50 1.23 -4.64	49.22 0.83 -2.42	39.50 0.57 -1.17
ETNA____115KV_TB2 80207	32.33 0.19 -0.01	27.45 0.19 -0.74	24.53 0.14 -0.69	22.72 0.11 -0.72	22.91 0.11 -0.85	26.60 0.26 -0.70	35.44 0.40 -1.82	35.43 0.57 -1.55	31.96 0.43 -1.11	30.34 0.15 -0.01	32.12 0.10 -0.15	35.51 0.17 -1.36	38.49 0.15 -1.92	41.09 0.15 -2.65	43.69 0.24 -3.24	45.42 0.04 -3.08	54.74 0.29 -6.24	71.19 0.82 -7.34	79.43 1.35 -7.29	95.37 2.16 -10.02	83.96 1.80 -7.14	64.50 1.23 -4.64	49.22 0.83 -2.42	39.50 0.57 -1.17
EUCLID__115KV_TB2 356179	31.42 -0.71 0.00	26.25 -0.50 -0.23	23.48 -0.43 -0.21	21.70 -0.42 -0.22	21.80 -0.42 -0.26	25.30 -0.54 -0.20	32.59 -0.63 0.00	32.68 -0.63 0.00	29.84 -0.58 0.00	29.57 -0.60 0.00	31.17 -0.70 0.00	33.26 -0.71 0.00	35.62 -0.80 0.00	37.33 -1.00 -0.04	39.75 -1.01 -0.54	42.02 -1.02 -0.74	48.02 -1.11 -0.91	61.89 -1.32 -0.18	70.62 -1.35 -1.17	83.20 -1.41 -1.43	74.30 -1.35 -0.64	56.48 -1.23 0.92	44.30 -1.01 0.66	36.89 -0.87 0.00
E_CANADA_CAP_HY 24051	33.70 1.57 0.00	31.94 1.38 -4.03	28.70 1.23 -3.78	26.98 1.14 -3.95	27.73 1.14 -4.63	30.64 1.38 -3.62	34.82 1.59 0.00	34.21 0.90 0.00	30.91 0.49 0.00	30.42 0.24 0.00	32.00 0.13 0.00	34.25 0.27 0.00	36.72 0.29 0.00	38.70 0.42 0.00	40.66 0.44 0.00	42.93 0.64 0.00	49.42 1.21 0.00	64.73 1.70 0.00	73.55 2.76 0.00	88.34 5.16 0.00	80.04 5.03 0.00	62.44 3.81 0.00	48.87 2.90 0.00	39.91 2.15 0.00
E_CANADA_MHWK_HY 24050	32.77 0.64 0.00	27.11 0.58 0.00	24.19 0.50 0.00	22.33 0.44 0.00	22.40 0.44 0.00	26.18 0.54 0.00	33.95 0.73 0.00	33.91 0.60 0.00	30.91 0.49 0.00	30.63 0.45 0.00	32.35 0.48 0.00	34.49 0.51 0.00	36.94 0.51 0.00	38.63 0.34 0.00	40.50 0.28 0.00	42.47 0.17 0.00	48.51 0.29 0.00	63.48 0.44 0.00	71.58 0.78 0.00	84.60 1.41 0.00	76.29 1.27 0.00	59.63 1.00 0.00	47.07 1.10 0.00	38.63 0.87 0.00
E_FISHKILL__LBMP 23776	33.86 1.73 0.00	30.97 1.56 -2.88	27.82 1.42 -2.70	25.98 1.27 -2.82	26.56 1.30 -3.31	29.77 1.54 -2.59	35.18 1.96 0.00	35.51 2.20 0.00	32.52 2.10 0.00	32.23 2.05 0.00	34.16 2.29 0.00	36.29 2.31 0.00	39.01 2.59 0.00	41.34 3.06 0.00	43.51 3.30 0.00	51.02 3.34 -5.38	58.90 3.76 -6.92	67.70 4.66 0.00	75.75 4.96 0.00	89.01 5.82 0.00	79.14 4.13 0.00	61.56 2.93 0.00	48.45 2.48 0.00	39.73 1.96 0.00
FALCON__SEABRD_CC1 323796	32.03 -0.10 0.00	26.34 -0.18 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.81 -0.15 0.00	25.54 -0.10 0.00	32.99 -0.23 0.00	33.08 -0.23 0.00	30.33 -0.09 0.00	30.15 -0.03 0.00	31.87 0.00 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.26 -0.04 0.00	48.22 0.00 0.00	62.91 -0.13 0.00	70.80 0.00 0.00	82.94 -0.25 0.00	74.94 -0.07 0.00	58.28 -0.35 0.00	45.65 -0.32 0.00	37.50 -0.26 0.00
FALCON__SEABRD_CC2 323797	32.03 -0.10 0.00	26.34 -0.18 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.81 -0.15 0.00	25.54 -0.10 0.00	32.99 -0.23 0.00	33.08 -0.23 0.00	30.33 -0.09 0.00	30.15 -0.03 0.00	31.87 0.00 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.26 -0.04 0.00	48.22 0.00 0.00	62.91 -0.13 0.00	70.80 0.00 0.00	82.94 -0.25 0.00	74.94 -0.07 0.00	58.28 -0.35 0.00	45.65 -0.32 0.00	37.50 -0.26 0.00

FAR ROCKAWAY___4 23548	40.93 2.70 -6.11	35.34 2.39 -6.43	28.55 2.18 -2.68	26.62 1.95 -2.78	30.72 1.98 -6.78	30.59 2.38 -2.57	39.70 2.99 -3.49	40.35 3.26 -3.77	33.55 3.13 0.00	33.30 3.11 -0.02	45.48 3.41 -10.20	46.98 3.43 -9.57	55.12 3.75 -14.94	57.98 4.29 -15.41	60.63 4.58 -15.84	60.14 4.65 -13.19	61.07 5.21 -7.65	78.92 6.68 -9.21	88.93 7.22 -10.91	91.85 8.65 -0.02	81.24 6.23 0.00	63.15 4.51 0.00	54.49 3.86 -4.66	46.05 3.10 -5.19
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.89 2.72 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.24 3.94 -0.02	44.49 4.26 -0.02	51.92 4.36 -5.27	59.84 4.87 -6.76	69.02 5.99 0.00	77.17 6.37 0.00	90.75 7.57 0.00	80.27 5.25 0.00	62.44 3.81 0.00	49.19 3.22 0.00	40.26 2.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.89 2.72 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.24 3.94 -0.02	44.53 4.30 -0.02	51.97 4.40 -5.27	59.84 4.87 -6.76	69.02 5.99 0.00	77.17 6.37 0.00	90.84 7.65 0.00	80.27 5.25 0.00	62.44 3.81 0.00	49.23 3.26 0.00	40.26 2.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.01 2.70 0.00	33.13 2.71 0.00	32.86 2.69 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.78 3.35 0.00	42.20 3.90 -0.02	44.49 4.26 -0.02	51.92 4.36 -5.27	59.84 4.87 -6.76	68.96 5.92 0.00	77.10 6.30 0.00	90.75 7.57 0.00	80.19 5.18 0.00	62.38 3.75 0.00	49.19 3.22 0.00	40.26 2.49 0.00
FARRAGUT___LBMP 323566	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.10 2.68 0.00	32.83 2.66 0.00	34.87 3.00 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.16 3.87 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.74 4.77 -6.76	68.89 5.86 0.00	77.03 6.23 0.00	90.67 7.49 0.00	80.12 5.10 0.00	62.33 3.69 0.00	49.14 3.17 0.00	40.22 2.45 0.00
FARRCKWY_69_KV_BK2 55825	40.93 2.70 -6.11	35.34 2.39 -6.43	28.55 2.18 -2.68	26.62 1.95 -2.78	30.72 1.98 -6.78	30.59 2.38 -2.57	39.70 2.99 -3.49	40.35 3.26 -3.77	33.55 3.13 0.00	33.30 3.11 -0.02	45.48 3.41 -10.20	46.98 3.43 -9.57	55.12 3.75 -14.94	57.98 4.29 -15.41	60.63 4.58 -15.84	60.14 4.65 -13.19	61.07 5.21 -7.65	78.92 6.68 -9.21	88.93 7.22 -10.91	91.85 8.65 -0.02	81.24 6.23 0.00	63.15 4.51 0.00	54.49 3.86 -4.66	46.05 3.10 -5.19
FENNER___WINDPWR 24204	32.38 0.26 0.00	27.09 0.24 -0.32	24.16 0.17 -0.30	22.38 0.17 -0.32	22.50 0.17 -0.37	26.19 0.26 -0.29	33.65 0.43 0.00	33.65 0.33 0.00	30.66 0.24 0.00	30.27 0.09 0.00	31.93 0.06 0.00	34.11 0.14 0.00	36.54 0.11 0.00	38.43 0.12 -0.04	40.88 0.16 -0.50	43.12 0.13 -0.70	49.45 0.34 -0.90	64.34 0.63 -0.68	73.16 1.06 -1.30	86.72 1.91 -1.62	77.56 1.58 -0.97	59.46 1.06 0.23	46.48 0.73 0.22	38.33 0.57 0.00
FIBERTEK___ENERGY 23856	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.74 -0.21 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.96 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.76 -0.61 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00
FITZPATRICK___ 23598	31.10 -1.03 0.00	25.89 -0.80 -0.16	23.15 -0.69 -0.15	21.39 -0.66 -0.16	21.50 -0.64 -0.18	24.99 -0.79 -0.14	32.23 -1.00 0.00	32.28 -1.03 0.00	29.48 -0.94 0.00	29.18 -1.00 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.40 -1.42 0.46	32.30 -1.57 6.34	32.07 -1.61 8.62	35.00 -1.78 11.43	47.70 -2.27 13.07	50.60 -2.41 17.79	58.00 -2.67 22.52	57.10 -2.47 15.44	53.40 -2.05 3.18	43.40 -1.65 0.92	36.48 -1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.12 1.99 0.00	31.11 1.75 -2.84	27.92 1.56 -2.66	26.07 1.40 -2.78	26.62 1.41 -3.26	29.88 1.69 -2.55	35.38 2.16 0.00	35.68 2.37 0.00	32.67 2.25 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.46 2.48 0.00	39.23 2.80 0.00	41.61 3.33 0.00	43.91 3.70 0.00	51.22 3.85 -5.07	59.22 4.48 -6.52	68.77 5.74 0.00	77.03 6.23 0.00	90.67 7.49 0.00	80.64 5.63 0.00	62.56 3.93 0.00	49.10 3.13 0.00	40.18 2.42 0.00
FORT ORANGE___ 23900	33.25 1.12 0.00	30.98 0.98 -3.47	27.82 0.88 -3.25	26.14 0.85 -3.40	26.75 0.81 -3.98	29.70 0.95 -3.12	34.52 1.29 0.00	34.51 1.20 0.00	31.09 0.67 0.00	30.72 0.54 0.00	32.35 0.48 0.00	34.55 0.58 0.00	37.04 0.62 0.00	39.09 0.81 0.00	41.22 1.01 0.00	43.40 1.10 0.00	49.27 1.06 0.00	64.48 1.45 0.00	72.35 1.56 0.00	85.34 2.16 0.00	76.81 1.80 0.00	59.98 1.35 0.00	46.98 1.01 0.00	38.63 0.87 0.00
FORT_DRUM_COGEN 23780	32.25 0.13 0.00	26.69 0.03 -0.14	23.75 -0.07 -0.13	22.07 0.04 -0.13	22.16 0.04 -0.16	25.97 0.21 -0.12	33.72 0.50 0.00	33.38 0.07 0.00	30.30 -0.12 0.00	29.84 -0.33 0.00	31.39 -0.48 0.00	33.53 -0.44 0.00	35.81 -0.62 0.00	37.66 -0.69 -0.06	40.30 -0.76 -0.85	42.53 -0.93 -1.16	49.18 -0.58 -1.54	64.35 -0.44 -1.76	73.90 0.71 -2.39	89.13 2.91 -3.03	80.02 2.93 -2.08	60.76 1.70 -0.43	47.38 1.29 -0.12	38.52 0.76 0.00
FOX_HILLS___ESR 323835	34.57 2.44 -0.01	31.57 2.20 -2.85	28.35 1.99 -2.67	26.48 1.80 -2.79	27.07 1.84 -3.27	30.39 2.21 -2.55	35.85 2.62 0.00	36.24 2.93 0.00	33.41 2.98 -0.01	33.14 2.96 -0.01	35.03 3.16 -0.01	37.25 3.26 -0.01	40.01 3.57 -0.01	42.36 4.06 -0.02	44.78 4.54 -0.02	52.17 4.57 -5.30	59.87 4.87 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.42 7.23 0.00	79.67 4.65 0.00	62.44 3.81 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
FPL_FAR_ROCK_GT1 24212	40.93 2.70 -6.11	35.34 2.39 -6.43	28.53 2.16 -2.68	26.62 1.95 -2.78	30.72 1.98 -6.78	30.59 2.38 -2.57	39.70 2.99 -3.49	40.35 3.27 -3.77	33.55 3.13 0.00	33.36 3.17 -0.02	45.48 3.41 -10.20	47.02 3.47 -9.57	55.12 3.75 -14.94	57.83 4.14 -15.41	60.63 4.58 -15.84	60.16 4.65 -13.21	61.11 5.21 -7.68	78.92 6.68 -9.21	89.00 7.29 -10.91	91.85 8.65 -0.02	81.32 6.30 0.00	63.21 4.58 0.00	54.49 3.86 -4.66	45.94 2.98 -5.19
FPL_FAR_ROCK_GT2 23815	40.93 2.70 -6.11	35.34 2.39 -6.43	28.53 2.16 -2.68	26.62 1.95 -2.78	30.72 1.98 -6.78	30.59 2.38 -2.57	39.70 2.99 -3.49	40.35 3.27 -3.77	33.55 3.13 0.00	33.36 3.17 -0.02	45.48 3.41 -10.20	47.02 3.47 -9.57	55.12 3.75 -14.94	57.83 4.14 -15.41	60.63 4.58 -15.84	60.16 4.65 -13.21	61.11 5.21 -7.68	78.92 6.68 -9.21	89.00 7.29 -10.91	91.85 8.65 -0.02	81.32 6.30 0.00	63.21 4.58 0.00	54.49 3.86 -4.66	45.94 2.98 -5.19

FRANKLIN_FALL_HYD 24054	31.90 -0.22 0.00	26.18 -0.34 0.00	23.31 -0.38 0.00	21.61 -0.28 0.00	21.67 -0.29 0.00	25.43 -0.21 0.00	32.86 -0.37 0.00	32.88 -0.43 0.00	30.12 -0.30 0.00	29.90 -0.27 0.00	31.65 -0.22 0.00	33.81 -0.17 0.00	36.17 -0.25 0.00	37.98 -0.31 0.00	39.81 -0.40 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.28 -0.76 0.00	70.30 -0.50 0.00	82.52 -0.67 0.00	74.79 -0.23 0.00	58.10 -0.53 0.00	45.56 -0.41 0.00	37.46 -0.30 0.00
FREEPORT_EQUS_GT1 23764	39.32 2.70 -4.50	34.40 2.39 -5.48	28.50 2.13 -2.67	26.58 1.90 -2.78	29.77 1.95 -5.85	30.53 2.33 -2.56	38.72 2.92 -2.57	39.29 3.20 -2.78	33.49 3.07 0.00	33.30 3.11 -0.01	42.70 3.31 -7.51	44.39 3.36 -7.05	51.03 3.61 -11.00	53.61 3.98 -11.35	56.30 4.42 -11.66	57.86 4.44 -11.12	60.63 4.97 -7.45	76.11 6.30 -6.78	85.63 6.80 -8.03	91.26 8.07 -0.01	80.79 5.78 0.00	62.79 4.16 0.00	53.08 3.68 -3.43	44.46 2.87 -3.82
FREEPORT___CT2 23818	39.32 2.70 -4.50	34.40 2.39 -5.48	28.50 2.13 -2.67	26.58 1.90 -2.78	29.77 1.95 -5.85	30.53 2.33 -2.56	38.72 2.92 -2.57	39.29 3.20 -2.78	33.49 3.07 0.00	33.30 3.11 -0.01	42.70 3.31 -7.51	44.39 3.36 -7.05	51.03 3.61 -11.00	53.61 3.98 -11.35	56.30 4.42 -11.66	57.86 4.44 -11.12	60.63 4.97 -7.45	76.11 6.30 -6.78	85.63 6.80 -8.03	91.26 8.07 -0.01	80.79 5.78 0.00	62.79 4.16 0.00	53.08 3.68 -3.43	44.46 2.87 -3.82
FRESHKLS_33_KV_LOAD 356253	34.73 2.60 -0.01	31.71 2.33 -2.85	28.50 2.13 -2.67	26.61 1.93 -2.79	27.20 1.98 -3.27	30.55 2.36 -2.55	36.04 2.82 0.00	36.44 3.13 0.00	33.56 3.13 -0.01	33.29 3.11 -0.01	35.13 3.25 -0.01	37.35 3.36 -0.01	40.11 3.68 -0.01	42.48 4.17 -0.02	44.90 4.66 -0.02	52.29 4.69 -5.30	60.02 5.01 -6.79	68.89 5.86 0.00	76.95 6.16 0.00	90.59 7.40 0.00	79.82 4.81 0.00	62.67 4.04 0.00	49.70 3.72 -0.01	40.57 2.79 -0.01
FULTON COGEN____ 23766	31.29 -0.84 0.00	26.10 -0.64 -0.21	23.35 -0.54 -0.20	21.60 -0.50 -0.21	21.70 -0.51 -0.24	25.21 -0.62 -0.19	32.46 -0.76 0.00	32.51 -0.80 0.00	29.69 -0.73 0.00	29.39 -0.78 0.00	30.98 -0.89 0.00	33.06 -0.92 0.00	35.41 -1.02 0.00	37.21 -1.23 -0.15	41.03 -1.25 -2.06	43.83 -1.27 -2.80	50.57 -1.45 -3.80	66.79 -1.76 -5.52	75.28 -1.77 -6.26	89.35 -1.83 -7.99	79.24 -1.73 -5.95	59.82 -1.47 -2.65	46.12 -1.15 -1.30	36.78 -0.98 0.00
FULTON___LFGE 323630	33.86 1.73 0.00	31.88 1.51 -3.84	28.64 1.35 -3.60	26.90 1.25 -3.76	27.61 1.25 -4.41	30.60 1.51 -3.45	34.98 1.76 0.00	34.38 1.07 0.00	30.97 0.55 0.00	30.42 0.24 0.00	32.00 0.13 0.00	34.25 0.27 0.00	36.68 0.26 0.00	38.66 0.38 0.00	40.73 0.52 0.00	43.06 0.76 0.00	49.56 1.35 0.00	64.99 1.96 0.00	73.91 3.11 0.00	88.76 5.57 0.00	80.42 5.40 0.00	62.79 4.16 0.00	49.00 3.03 0.00	40.03 2.27 0.00
G.F.CEMENT___DRP 24184	34.18 2.06 0.00	31.92 1.80 -3.59	28.67 1.61 -3.36	26.89 1.49 -3.52	27.57 1.49 -4.12	30.63 1.77 -3.22	35.58 2.36 0.00	35.34 2.03 0.00	31.85 1.43 0.00	31.35 1.18 0.00	32.99 1.12 0.00	35.44 1.46 0.00	37.96 1.53 0.00	40.08 1.80 0.00	42.18 1.97 0.00	44.67 2.37 0.00	51.30 3.09 0.00	67.00 3.97 0.00	75.11 4.32 0.00	89.42 6.24 0.00	80.57 5.55 0.00	63.26 4.63 0.00	49.23 3.26 0.00	40.48 2.72 0.00
GARDENVILLE___LBMP 24039	29.08 -3.02 0.03	24.10 -2.44 -0.01	21.53 -2.18 -0.01	19.85 -2.06 -0.01	19.88 -2.09 -0.01	23.27 -2.26 0.11	25.25 -2.69 5.28	26.54 -2.27 4.51	25.52 -2.01 2.89	27.97 -2.17 0.03	29.10 -2.36 0.41	28.06 -2.38 3.54	28.83 -2.62 4.98	29.86 -2.72 5.71	31.83 -2.65 5.73	35.09 -2.92 4.29	34.45 -3.18 10.58	41.90 -3.84 17.29	52.42 -4.32 14.05	57.90 -5.41 19.87	54.65 -5.03 15.34	40.42 -4.10 14.10	33.54 -3.49 8.94	31.57 -2.79 3.40
GARDNVLA_35_KV_LD 355827	29.21 -2.89 0.03	24.23 -2.36 -0.07	21.63 -2.13 -0.06	19.94 -2.01 -0.07	20.01 -2.02 -0.07	23.41 -2.18 0.05	26.03 -2.59 4.60	27.18 -2.20 3.93	25.95 -1.95 2.52	28.10 -2.05 0.03	29.28 -2.23 0.36	28.61 -2.28 3.09	29.57 -2.51 4.34	31.09 -2.56 4.63	33.11 -2.45 4.65	36.06 -2.75 3.49	36.60 -2.99 8.62	45.02 -3.59 14.42	55.25 -3.96 11.58	61.82 -4.99 16.37	57.61 -4.65 12.76	42.82 -3.87 11.95	34.66 -3.36 7.96	32.12 -2.68 2.97
GELCKHM__115KV_LOAD 80723	31.55 -0.58 0.00	26.37 -0.40 -0.24	23.57 -0.36 -0.23	21.80 -0.33 -0.24	21.91 -0.33 -0.28	25.42 -0.44 -0.22	32.72 -0.50 0.00	32.81 -0.50 0.00	29.96 -0.46 0.00	29.66 -0.51 0.00	31.26 -0.61 0.00	33.36 -0.61 0.00	35.77 -0.66 0.00	37.50 -0.84 -0.06	40.14 -0.84 -0.77	42.49 -0.85 -1.04	48.64 -0.92 -1.34	62.99 -1.01 -0.96	71.72 -0.99 -1.92	84.67 -0.92 -2.40	75.46 -0.98 -1.42	57.36 -0.88 0.39	44.82 -0.78 0.37	37.08 -0.68 0.00
GENERAL___MILLS 23808	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.37 -2.20 0.07	25.81 -2.62 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	28.07 -2.08 0.03	29.23 -2.26 0.38	28.45 -2.31 3.21	29.36 -2.55 4.51	30.72 -2.64 4.92	32.74 -2.53 4.94	35.80 -2.79 3.71	36.02 -3.04 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.76 -4.80 13.46	42.17 -3.93 12.53	34.34 -3.40 8.22	31.96 -2.72 3.08
GE_PLASTICS___DRP 24183	33.06 0.93 0.00	30.80 0.82 -3.46	27.69 0.76 -3.24	25.97 0.70 -3.38	26.63 0.70 -3.97	29.54 0.79 -3.10	34.32 1.10 0.00	34.38 1.07 0.00	31.12 0.70 0.00	30.75 0.57 0.00	32.48 0.61 0.00	34.62 0.65 0.00	37.15 0.73 0.00	39.20 0.92 0.00	41.22 1.01 0.00	43.36 1.06 0.00	48.89 0.68 0.00	63.85 0.82 0.00	71.57 0.78 0.00	84.18 1.00 0.00	75.69 0.68 0.00	59.22 0.59 0.00	46.48 0.51 0.00	38.25 0.49 0.00
GILBOA___1 23756	32.99 0.87 0.00	30.04 0.79 -2.72	26.95 0.71 -2.55	25.21 0.66 -2.66	25.74 0.66 -3.12	28.88 0.80 -2.44	34.25 1.03 0.00	34.41 1.10 0.00	31.33 0.91 0.00	31.05 0.88 0.00	32.79 0.92 0.00	34.93 0.95 0.00	37.48 1.06 0.00	39.47 1.19 0.00	41.58 1.37 0.00	42.90 1.35 0.76	48.74 1.50 0.97	64.86 1.83 0.00	72.43 1.63 0.00	85.18 1.99 0.00	76.52 1.50 0.00	59.86 1.23 0.00	47.07 1.10 0.00	38.63 0.87 0.00
GILBOA___2 23757	32.99 0.87 0.00	30.04 0.79 -2.72	26.95 0.71 -2.55	25.21 0.66 -2.66	25.74 0.66 -3.12	28.88 0.80 -2.44	34.25 1.03 0.00	34.41 1.10 0.00	31.33 0.91 0.00	31.05 0.88 0.00	32.79 0.92 0.00	34.93 0.95 0.00	37.48 1.06 0.00	39.47 1.19 0.00	41.58 1.37 0.00	42.90 1.35 0.76	48.74 1.50 0.97	64.86 1.83 0.00	72.43 1.63 0.00	85.18 1.99 0.00	76.52 1.50 0.00	59.86 1.23 0.00	47.07 1.10 0.00	38.63 0.87 0.00
GILBOA___3 23758	32.99 0.87 0.00	30.04 0.79 -2.72	26.95 0.71 -2.55	25.21 0.66 -2.66	25.74 0.66 -3.12	28.88 0.80 -2.44	34.25 1.03 0.00	34.41 1.10 0.00	31.33 0.91 0.00	31.05 0.88 0.00	32.79 0.92 0.00	34.93 0.95 0.00	37.48 1.06 0.00	39.47 1.19 0.00	41.58 1.37 0.00	42.90 1.35 0.76	48.74 1.50 0.97	64.86 1.83 0.00	72.43 1.63 0.00	85.18 1.99 0.00	76.52 1.50 0.00	59.86 1.23 0.00	47.07 1.10 0.00	38.63 0.87 0.00

GILBOA___4 23759	32.99 0.87 0.00	30.04 0.79 -2.72	26.95 0.71 -2.55	25.21 0.66 -2.66	25.74 0.66 -3.12	28.88 0.80 -2.44	34.25 1.03 0.00	34.41 1.10 0.00	31.33 0.91 0.00	31.05 0.88 0.00	32.79 0.92 0.00	34.93 0.95 0.00	37.48 1.06 0.00	39.47 1.19 0.00	41.58 1.37 0.00	42.90 1.35 0.76	48.74 1.50 0.97	64.86 1.83 0.00	72.43 1.63 0.00	85.18 1.99 0.00	76.52 1.50 0.00	59.86 1.23 0.00	47.07 1.10 0.00	38.63 0.87 0.00
GILBOA____ 23599	32.99 0.87 0.00	30.04 0.80 -2.72	26.95 0.71 -2.55	25.21 0.66 -2.66	25.74 0.66 -3.12	28.88 0.79 -2.44	34.25 1.03 0.00	34.41 1.10 0.00	31.33 0.91 0.00	31.02 0.84 0.00	32.79 0.92 0.00	34.93 0.95 0.00	37.48 1.06 0.00	39.55 1.26 0.00	41.58 1.37 0.00	42.89 1.35 0.76	48.73 1.49 0.98	64.86 1.83 0.00	72.42 1.63 0.00	85.18 2.00 0.00	76.52 1.50 0.00	59.80 1.17 0.00	47.07 1.10 0.00	38.71 0.94 0.00
GINNA____ 23603	29.07 -3.05 0.00	24.50 -2.25 -0.23	21.99 -1.92 -0.22	20.28 -1.84 -0.23	20.40 -1.82 -0.26	23.26 -2.56 -0.19	29.21 -3.16 0.86	29.65 -2.93 0.73	27.26 -2.68 0.48	27.58 -2.60 0.00	28.84 -2.96 0.07	30.23 -3.16 0.59	32.24 -3.35 0.83	33.54 -3.60 1.14	35.29 -3.78 1.14	37.63 -3.81 0.86	41.75 -4.24 2.22	52.96 -5.17 4.91	62.15 -5.31 3.33	72.23 -6.24 4.71	65.11 -5.77 4.13	49.00 -4.92 4.70	39.09 -4.14 2.74	33.81 -3.40 0.55
GLEN PARK____ 23778	32.38 0.26 0.00	26.80 0.13 -0.14	23.83 0.00 -0.13	22.16 0.13 -0.14	22.25 0.13 -0.16	26.07 0.31 -0.13	33.85 0.63 0.00	33.45 0.13 0.00	30.36 -0.06 0.00	29.87 -0.30 0.00	31.42 -0.45 0.00	33.57 -0.41 0.00	35.84 -0.58 0.00	37.77 -0.57 -0.07	40.39 -0.72 -0.89	42.67 -0.85 -1.22	49.39 -0.43 -1.61	64.62 -0.25 -1.84	74.37 1.06 -2.51	89.77 3.41 -3.17	80.55 3.38 -2.16	61.13 2.05 -0.44	47.61 1.51 -0.13	38.74 0.98 0.00
GLENDALE_27_KV_LOAD 356172	34.44 2.31 0.00	31.47 2.10 -2.85	28.26 1.90 -2.67	26.37 1.69 -2.79	26.96 1.73 -3.27	30.27 2.08 -2.55	35.75 2.52 0.00	36.21 2.90 0.00	33.35 2.92 -0.01	33.11 2.93 -0.01	35.13 3.25 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.51 4.21 -0.02	44.77 4.54 -0.02	52.22 4.65 -5.27	60.03 5.06 -6.76	69.15 6.11 0.00	77.24 6.44 0.00	90.92 7.74 0.00	80.19 5.18 0.00	62.56 3.93 0.00	49.42 3.45 0.00	40.48 2.72 0.00
GLENWOOD_IC_1_G5 23712	39.95 2.38 -5.45	34.69 2.12 -6.04	28.29 1.92 -2.68	26.36 1.69 -2.78	30.12 1.76 -6.40	30.28 2.08 -2.57	38.96 2.62 -3.11	39.61 2.93 -3.36	33.25 2.83 0.00	33.00 2.81 -0.01	44.06 3.09 -9.10	45.61 3.09 -8.54	53.18 3.42 -13.33	55.98 3.94 -13.75	58.60 4.26 -14.13	58.94 4.31 -12.33	60.59 4.82 -7.56	76.86 5.61 -8.22	86.55 6.02 -9.73	90.35 7.15 -0.01	79.97 4.95 0.00	62.56 3.93 0.00	53.48 3.36 -4.16	45.12 2.72 -4.63
GLENWOOD_IC_2_G1 23688	34.56 2.19 -0.25	31.45 1.94 -2.99	28.11 1.75 -2.66	26.23 1.55 -2.78	26.97 1.60 -3.41	30.11 1.92 -2.55	35.79 2.42 -0.14	36.16 2.70 -0.15	33.04 2.62 0.00	32.83 2.66 0.00	35.16 2.87 -0.42	37.29 2.92 -0.39	40.21 3.17 -0.61	42.47 3.56 -0.63	44.88 4.02 -0.65	51.96 4.06 -5.60	59.57 4.53 -6.82	69.02 5.61 -0.38	77.26 6.01 -0.45	90.34 7.15 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.29 3.13 -0.19	40.32 2.34 -0.21
GLENWOOD_IC_3_G1 23689	34.56 2.19 -0.25	31.45 1.94 -2.99	28.11 1.75 -2.66	26.23 1.55 -2.78	26.97 1.60 -3.41	30.11 1.92 -2.55	35.79 2.42 -0.14	36.16 2.70 -0.15	33.04 2.62 0.00	32.83 2.66 0.00	35.16 2.87 -0.42	37.29 2.92 -0.39	40.21 3.17 -0.61	42.47 3.56 -0.63	44.88 4.02 -0.65	51.96 4.06 -5.60	59.57 4.53 -6.82	69.02 5.61 -0.38	77.26 6.01 -0.45	90.34 7.15 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.29 3.13 -0.19	40.32 2.34 -0.21
GLENWOOD___4 23550	39.95 2.38 -5.45	34.69 2.12 -6.04	28.29 1.92 -2.68	26.36 1.69 -2.78	30.12 1.76 -6.40	30.28 2.08 -2.57	38.96 2.62 -3.11	39.61 2.93 -3.36	33.25 2.83 0.00	33.00 2.81 -0.01	44.06 3.09 -9.10	45.61 3.09 -8.54	53.18 3.42 -13.33	55.98 3.94 -13.75	58.60 4.26 -14.13	58.94 4.31 -12.33	60.59 4.82 -7.56	77.05 5.80 -8.22	86.69 6.16 -9.73	90.52 7.32 -0.01	80.19 5.18 0.00	62.56 3.93 0.00	53.48 3.36 -4.16	45.12 2.72 -4.63
GLENWOOD___5 23614	39.95 2.38 -5.45	34.69 2.12 -6.04	28.29 1.92 -2.68	26.36 1.69 -2.78	30.12 1.76 -6.40	30.28 2.08 -2.57	38.96 2.62 -3.11	39.61 2.93 -3.36	33.25 2.83 0.00	33.00 2.81 -0.01	44.06 3.09 -9.10	45.61 3.09 -8.54	53.18 3.42 -13.33	55.98 3.94 -13.75	58.60 4.26 -14.13	58.94 4.31 -12.33	60.59 4.82 -7.56	77.05 5.80 -8.22	86.69 6.16 -9.73	90.52 7.32 -0.01	80.19 5.18 0.00	62.56 3.93 0.00	53.48 3.36 -4.16	45.12 2.72 -4.63
GLOBAL GREEN_PORT_GT1 23814	39.38 3.85 -3.40	34.73 3.37 -4.84	29.28 2.91 -2.67	27.23 2.56 -2.78	29.88 2.70 -5.22	31.40 3.20 -2.56	39.32 4.15 -1.94	39.77 4.36 -2.10	34.44 4.02 0.00	34.20 4.01 -0.01	41.75 4.21 -5.68	43.55 4.25 -5.33	49.18 4.44 -8.31	51.57 4.71 -8.58	54.17 5.15 -8.81	57.28 5.29 -9.69	61.58 6.08 -7.29	75.98 7.81 -5.13	85.44 8.56 -6.08	93.18 9.98 -0.02	82.22 7.20 0.00	63.79 5.16 0.00	52.88 4.32 -2.59	43.75 3.10 -2.89
GLOBE___DSASP 323697	27.83 -4.27 0.02	23.36 -3.26 -0.10	21.02 -2.77 -0.10	19.41 -2.58 -0.10	19.50 -2.57 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.57 -3.56 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.03 -7.58 12.19	56.64 -9.32 17.23	53.21 -8.48 13.33	39.48 -6.74 12.41	33.77 -5.42 6.77	31.13 -4.23 2.41
GOETHSLN___LBMP 323567	34.08 1.96 0.00	31.14 1.78 -2.84	27.97 1.61 -2.66	26.07 1.40 -2.78	26.69 1.47 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.88 2.57 0.00	33.01 2.59 0.00	32.77 2.60 0.00	34.77 2.90 0.00	36.86 2.89 0.00	39.67 3.24 0.00	42.09 3.79 -0.02	44.33 4.10 -0.02	51.75 4.19 -5.27	59.55 4.58 -6.76	68.64 5.61 0.00	76.67 5.88 0.00	90.26 7.07 0.00	79.74 4.73 0.00	62.03 3.40 0.00	48.96 2.99 0.00	40.07 2.30 0.00
GOLAH___69_KV_TB 1_2 80279	30.13 -1.99 0.00	25.44 -1.33 -0.25	22.84 -1.09 -0.23	21.04 -1.09 -0.24	21.14 -1.10 -0.28	24.12 -1.72 -0.20	30.36 -1.96 0.90	30.81 -1.73 0.77	28.30 -1.61 0.50	28.72 -1.45 0.01	29.86 -1.94 0.07	31.39 -1.97 0.62	33.41 -2.15 0.87	34.75 -2.37 1.16	36.68 -2.37 1.16	38.97 -2.45 0.88	43.31 -2.65 2.26	54.98 -3.09 4.96	64.50 -2.90 3.39	75.06 -3.33 4.80	67.69 -3.15 4.18	51.09 -2.81 4.73	40.66 -2.53 2.78	35.14 -2.04 0.58
GOODYEAR_LAKE_HYD 323669	33.19 1.06 0.00	28.31 0.90 -0.89	25.30 0.78 -0.83	23.48 0.72 -0.87	23.70 0.72 -1.02	27.36 0.92 -0.79	34.42 1.20 -0.01	34.35 1.03 -0.01	31.31 0.88 0.00	30.93 0.75 0.00	32.67 0.80 0.00	34.90 0.92 0.00	37.41 0.98 -0.01	39.49 1.19 -0.02	41.48 1.25 -0.02	43.87 1.31 -0.26	50.35 1.78 -0.35	65.61 2.52 -0.06	73.83 2.97 -0.06	87.51 4.24 -0.08	78.60 3.53 -0.06	61.19 2.52 -0.04	48.00 2.02 -0.01	39.28 1.51 0.00

GOUDEY___1 345031	31.84 -0.29 0.00	27.20 -0.24 -0.91	24.31 -0.24 -0.85	22.54 -0.24 -0.89	22.76 -0.24 -1.05	26.37 -0.10 -0.83	33.88 -0.03 -0.69	33.97 0.07 -0.59	30.87 0.06 -0.39	30.03 -0.15 0.00	31.79 -0.13 -0.05	34.35 -0.10 -0.48	36.99 -0.11 -0.67	39.18 -0.08 -0.98	41.63 0.00 -1.41	43.84 -0.04 -1.59	51.12 0.05 -2.86	66.45 0.38 -3.04	74.60 0.42 -3.38	88.42 0.67 -4.57	78.53 0.38 -3.14	60.37 0.18 -1.57	46.79 0.09 -0.72	38.21 0.00 -0.44
GOUDEY___7 23579	31.84 -0.29 0.00	27.20 -0.24 -0.91	24.31 -0.24 -0.85	22.54 -0.24 -0.89	22.76 -0.24 -1.05	26.37 -0.10 -0.83	33.88 -0.03 -0.69	33.97 0.07 -0.59	30.87 0.06 -0.39	30.03 -0.15 0.00	31.79 -0.13 -0.05	34.35 -0.10 -0.48	36.99 -0.11 -0.67	39.18 -0.08 -0.98	41.63 0.00 -1.41	43.84 -0.04 -1.59	51.12 0.05 -2.86	66.45 0.38 -3.04	74.60 0.42 -3.38	88.42 0.67 -4.57	78.53 0.38 -3.14	60.37 0.18 -1.57	46.79 0.09 -0.72	38.21 0.00 -0.44
GOUDEY___8 23580	31.84 -0.29 0.00	27.20 -0.24 -0.91	24.31 -0.24 -0.85	22.54 -0.24 -0.89	22.76 -0.24 -1.05	26.37 -0.10 -0.83	33.88 -0.03 -0.69	33.97 0.07 -0.59	30.87 0.06 -0.39	30.03 -0.15 0.00	31.79 -0.13 -0.05	34.35 -0.10 -0.48	36.99 -0.11 -0.67	39.18 -0.08 -0.98	41.63 0.00 -1.41	43.84 -0.04 -1.59	51.12 0.05 -2.86	66.45 0.38 -3.04	74.60 0.42 -3.38	88.42 0.67 -4.57	78.53 0.38 -3.14	60.37 0.18 -1.57	46.79 0.09 -0.72	38.21 0.00 -0.44
GOWANUS_GT1_1 24077	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_2 24078	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_3 24079	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_4 24080	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_5 24084	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_6 24111	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_7 24112	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT1_8 24113	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT2_1 24114	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT2_2 24115	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT2_3 24116	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT2_4 24117	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01

GOWANUS_GT2_5 24118	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT2_6 24119	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT2_7 24120	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT2_8 24121	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_1 24122	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_2 24123	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_3 24124	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_4 24125	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_5 24126	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_6 24127	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_7 24128	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT3_8 24129	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
GOWANUS_GT4_1 24130	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT4_2 24131	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT4_3 24132	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01

GOWANUS_GT4_4 24133	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT4_5 24134	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT4_6 24135	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT4_7 24136	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GOWANUS_GT4_8 24137	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GREENBSH_115KV_TB3 55895	33.12 1.00 0.00	30.91 0.90 -3.49	27.79 0.83 -3.27	26.09 0.79 -3.41	26.73 0.77 -4.00	29.64 0.87 -3.13	34.42 1.20 0.00	34.45 1.13 0.00	31.00 0.58 0.00	30.63 0.45 0.00	32.32 0.45 0.00	34.49 0.51 0.00	37.01 0.58 0.00	39.09 0.80 0.00	41.10 0.88 0.00	43.27 0.97 0.00	49.08 0.87 0.00	64.17 1.13 0.00	71.93 1.13 0.00	84.68 1.50 0.00	76.22 1.20 0.00	59.57 0.94 0.00	46.71 0.74 0.00	38.48 0.72 0.00
GREENDGE_115KV_TB5 80291	32.30 0.13 -0.04	27.78 0.11 -1.15	24.82 0.05 -1.08	23.04 0.02 -1.13	23.33 0.04 -1.33	27.19 0.33 -1.22	42.10 0.56 -8.32	41.08 0.67 -7.10	35.50 0.52 -4.57	30.34 0.12 -0.05	32.63 0.13 -0.63	39.81 0.24 -5.60	44.49 0.18 -7.88	49.16 0.23 -10.65	51.79 0.36 -11.21	51.40 0.30 -8.81	69.40 0.68 -20.51	93.72 1.51 -29.18	99.44 2.27 -26.38	123.67 3.41 -37.07	105.11 3.00 -27.09	81.99 2.11 -21.25	58.91 1.33 -11.61	44.09 0.98 -5.35
GREENIDGE___3 23582	32.30 0.13 -0.04	27.78 0.11 -1.15	24.82 0.05 -1.08	23.04 0.02 -1.13	23.33 0.04 -1.33	27.19 0.33 -1.22	42.10 0.56 -8.32	41.08 0.67 -7.10	35.50 0.52 -4.57	30.34 0.12 -0.05	32.63 0.13 -0.63	39.81 0.24 -5.60	44.49 0.18 -7.88	49.16 0.23 -10.65	51.79 0.36 -11.21	51.40 0.30 -8.81	69.40 0.68 -20.51	93.72 1.51 -29.18	99.44 2.27 -26.38	123.67 3.41 -37.07	105.11 3.00 -27.09	81.99 2.11 -21.25	58.91 1.33 -11.61	44.09 0.98 -5.35
GREENIDGE___4 23583	32.30 0.13 -0.04	27.76 0.08 -1.15	24.82 0.05 -1.08	23.04 0.02 -1.13	23.33 0.04 -1.33	27.19 0.33 -1.22	42.10 0.56 -8.32	41.08 0.67 -7.10	35.50 0.52 -4.57	30.34 0.12 -0.05	32.63 0.13 -0.63	39.81 0.24 -5.60	44.49 0.18 -7.88	49.20 0.27 -10.65	51.79 0.36 -11.21	51.40 0.30 -8.81	69.40 0.67 -20.51	93.72 1.51 -29.18	99.44 2.26 -26.38	123.67 3.41 -37.07	105.11 3.00 -27.09	81.99 2.11 -21.25	58.87 1.29 -11.61	44.13 1.02 -5.35
GREENLWN_69_KV_BK 3 55738	38.27 2.67 -3.48	33.77 2.36 -4.88	28.50 2.13 -2.67	26.55 1.88 -2.78	29.18 1.95 -5.27	30.53 2.33 -2.56	38.16 2.96 -1.99	38.69 3.23 -2.15	33.49 3.07 0.00	33.20 3.02 -0.01	40.96 3.28 -5.81	42.65 3.23 -5.45	48.39 3.46 -8.50	50.92 3.87 -8.77	53.33 4.10 -9.01	56.09 4.02 -9.77	59.82 4.34 -7.27	73.75 5.48 -5.24	82.95 5.95 -6.21	90.18 6.99 0.00	79.82 4.80 0.00	62.09 3.46 0.00	51.88 3.26 -2.65	43.55 2.83 -2.96
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01
GRISSOM___SOLAR 323813	33.79 1.67 0.00	31.76 1.43 -3.80	28.56 1.30 -3.56	26.79 1.18 -3.72	27.53 1.21 -4.36	30.51 1.46 -3.41	34.92 1.69 0.00	34.38 1.07 0.00	30.97 0.55 0.00	30.42 0.24 0.00	31.97 0.10 0.00	34.22 0.24 0.00	36.65 0.22 0.00	38.63 0.34 0.00	40.70 0.48 0.00	43.02 0.72 0.00	49.47 1.25 0.00	64.86 1.83 0.00	73.70 2.90 0.00	88.43 5.24 0.00	80.04 5.03 0.00	62.56 3.93 0.00	48.82 2.85 0.00	39.91 2.15 0.00
GROVEVILLE___HYD 323602	34.12 1.99 0.00	31.11 1.75 -2.84	27.92 1.56 -2.66	26.07 1.40 -2.78	26.62 1.41 -3.26	29.88 1.69 -2.55	35.38 2.16 0.00	35.68 2.37 0.00	32.67 2.25 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.46 2.48 0.00	39.23 2.80 0.00	41.61 3.33 0.00	43.91 3.70 0.00	51.22 3.85 -5.07	59.22 4.48 -6.52	68.77 5.74 0.00	77.03 6.23 0.00	90.67 7.49 0.00	80.64 5.63 0.00	62.56 3.93 0.00	49.10 3.13 0.00	40.18 2.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.74 -0.21 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.96 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.76 -0.61 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00
HAMLTNNY_34_KV_TB 80303	31.71 -0.42 0.00	26.55 -0.27 -0.29	23.76 -0.21 -0.27	21.96 -0.22 -0.29	22.07 -0.22 -0.34	25.62 -0.28 -0.26	32.92 -0.30 0.00	32.95 -0.37 0.00	30.09 -0.33 0.00	29.78 -0.39 0.00	31.39 -0.48 0.00	33.50 -0.48 0.00	35.88 -0.55 0.00	37.64 -0.73 -0.09	40.71 -0.68 -1.18	43.30 -0.59 -1.59	49.75 -0.58 -2.11	64.94 -0.50 -2.41	73.72 -0.35 -3.28	87.26 -0.08 -4.16	77.72 -0.15 -2.85	58.92 -0.29 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00

HAMPSHIRE___PAPER_HYD 323593	31.55 -0.58 0.00	26.01 -0.58 -0.07	23.14 -0.62 -0.07	21.48 -0.48 -0.07	21.58 -0.46 -0.08	25.32 -0.38 -0.06	32.79 -0.43 0.00	32.65 -0.67 0.00	29.78 -0.64 0.00	29.45 -0.72 0.00	31.10 -0.77 0.00	33.16 -0.82 0.00	35.41 -1.02 0.00	37.24 -1.07 -0.03	39.37 -1.21 -0.36	41.27 -1.52 -0.49	47.28 -1.59 -0.66	61.51 -2.27 -0.75	70.05 -1.77 -1.02	83.48 -0.99 -1.29	75.48 -0.37 -0.83	58.16 -0.64 -0.17	45.70 -0.32 -0.05	37.39 -0.38 0.00
HARDSCRABBLE_WT_PWR 323673	32.67 0.55 0.00	27.03 0.50 0.00	24.12 0.43 0.00	22.26 0.37 0.00	22.33 0.37 0.00	26.10 0.46 0.00	33.85 0.63 0.00	33.81 0.50 0.00	30.85 0.43 0.00	30.57 0.39 0.00	32.25 0.38 0.00	34.39 0.41 0.00	36.86 0.44 0.00	38.55 0.27 0.00	40.42 0.20 0.00	42.43 0.13 0.00	48.41 0.19 0.00	63.35 0.32 0.00	71.43 0.64 0.00	84.35 1.16 0.00	76.07 1.05 0.00	59.51 0.88 0.00	46.89 0.92 0.00	38.48 0.72 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.96 1.83 0.00	30.88 1.62 -2.74	27.72 1.47 -2.56	25.86 1.29 -2.68	26.41 1.32 -3.14	29.66 1.56 -2.46	35.22 1.99 0.00	35.54 2.23 0.00	32.55 2.13 0.00	32.26 2.08 0.00	34.20 2.33 0.00	36.35 2.38 0.00	39.12 2.70 0.00	41.54 3.25 0.00	43.83 3.62 0.00	50.97 3.76 -4.90	58.91 4.39 -6.30	68.33 5.29 0.00	76.53 5.73 0.00	90.01 6.82 0.00	80.04 5.03 0.00	62.09 3.46 0.00	48.73 2.76 0.00	39.92 2.15 0.00
HARSNRAD_115KV_TB1 81005	28.35 -3.76 0.02	23.79 -2.84 -0.10	21.37 -2.42 -0.10	19.69 -2.30 -0.10	19.77 -2.31 -0.11	22.67 -2.97 -0.01	26.02 -3.52 3.69	27.10 -3.06 3.15	25.66 -2.74 2.02	27.29 -2.87 0.02	28.33 -3.25 0.29	28.27 -3.23 2.47	29.34 -3.61 3.48	29.74 -3.83 4.71	31.66 -3.82 4.73	34.61 -4.15 3.54	34.89 -4.58 8.75	42.83 -5.74 14.47	52.77 -6.37 11.66	58.96 -7.74 16.49	55.10 -7.13 12.79	40.88 -5.86 11.89	34.44 -4.83 6.70	31.62 -3.78 2.37
HARZA MOOSE___RIVER 24016	32.00 -0.13 0.00	26.48 -0.13 -0.09	23.59 -0.19 -0.08	21.87 -0.11 -0.09	21.97 -0.09 -0.10	25.77 0.05 -0.08	33.42 0.20 0.00	33.35 0.03 0.00	30.39 -0.03 0.00	30.03 -0.15 0.00	31.65 -0.22 0.00	33.70 -0.27 0.00	36.06 -0.36 0.00	37.92 -0.38 -0.02	40.12 -0.40 -0.31	42.17 -0.55 -0.42	48.43 -0.34 -0.56	63.35 -0.32 -0.64	72.02 0.35 -0.87	85.78 1.50 -1.10	77.19 1.43 -0.75	59.55 0.76 -0.15	46.61 0.60 -0.04	38.07 0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.55 -0.58 0.00	26.37 -0.40 -0.25	23.57 -0.36 -0.23	21.80 -0.33 -0.24	21.91 -0.33 -0.28	25.45 -0.41 -0.22	32.76 -0.47 0.00	32.85 -0.47 0.00	29.99 -0.43 0.00	29.72 -0.45 0.00	31.33 -0.54 0.00	33.40 -0.58 0.00	35.81 -0.62 0.00	37.52 -0.80 -0.05	40.09 -0.76 -0.64	42.36 -0.80 -0.86	48.44 -0.87 -1.09	62.58 -1.01 -0.56	71.31 -0.99 -1.50	84.13 -0.92 -1.86	75.04 -0.98 -1.00	57.12 -0.88 0.63	44.74 -0.74 0.49	37.12 -0.64 0.00
HELLGATE_13_KV_LD 55870	34.41 2.28 0.00	31.47 2.10 -2.85	28.26 1.90 -2.67	26.37 1.69 -2.79	26.96 1.73 -3.27	30.27 2.08 -2.55	35.71 2.49 0.00	36.18 2.86 0.00	33.35 2.92 -0.01	33.08 2.90 -0.01	35.13 3.25 -0.01	37.25 3.26 -0.01	40.04 3.61 -0.01	42.48 4.17 -0.02	44.73 4.50 -0.02	52.18 4.61 -5.27	59.99 5.01 -6.76	69.08 6.05 0.00	77.17 6.37 0.00	90.75 7.57 0.00	80.12 5.10 0.00	62.50 3.87 0.00	49.42 3.45 0.00	40.48 2.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.41 2.28 0.00	31.47 2.10 -2.85	28.26 1.90 -2.67	26.37 1.69 -2.79	26.96 1.73 -3.27	30.27 2.08 -2.55	35.71 2.49 0.00	36.18 2.86 0.00	33.35 2.92 -0.01	33.08 2.90 -0.01	35.13 3.25 -0.01	37.25 3.26 -0.01	40.04 3.61 -0.01	42.48 4.17 -0.02	44.73 4.50 -0.02	52.18 4.61 -5.27	59.99 5.01 -6.76	69.08 6.05 0.00	77.17 6.37 0.00	90.75 7.57 0.00	80.12 5.10 0.00	62.50 3.87 0.00	49.42 3.45 0.00	40.48 2.72 0.00
HEMPSTEAD____ 23647	39.37 2.38 -4.87	34.35 2.12 -5.70	28.29 1.92 -2.67	26.38 1.71 -2.78	29.79 1.76 -6.07	30.30 2.10 -2.56	38.66 2.66 -2.78	39.25 2.93 -3.01	33.25 2.83 0.00	33.02 2.84 -0.01	43.07 3.06 -8.14	44.71 3.09 -7.64	51.66 3.31 -11.92	54.26 3.68 -12.30	56.95 4.10 -12.63	58.01 4.10 -11.61	60.25 4.53 -7.50	75.99 5.61 -7.35	85.52 6.01 -8.71	90.43 7.23 -0.01	79.97 4.95 0.00	62.27 3.64 0.00	52.95 3.26 -3.72	44.44 2.53 -4.14
HICKLING___1 23621	31.69 -0.45 -0.02	27.07 -0.37 -0.92	24.17 -0.38 -0.86	22.42 -0.37 -0.90	22.64 -0.37 -1.06	26.44 -0.10 -0.91	36.89 0.00 -3.67	36.58 0.13 -3.13	32.51 0.06 -2.03	29.89 -0.30 -0.02	31.86 -0.29 -0.28	36.26 -0.20 -2.49	39.68 -0.25 -3.50	42.87 -0.23 -4.82	45.35 -0.08 -5.22	46.45 -0.21 -4.36	57.95 0.00 -9.74	76.54 0.57 -12.94	83.92 0.99 -12.13	101.83 1.66 -16.98	88.66 1.43 -12.21	68.62 1.00 -8.99	51.20 0.46 -4.77	40.46 0.34 -2.36
HICKLING___2 23622	31.69 -0.45 -0.02	27.07 -0.37 -0.92	24.17 -0.38 -0.86	22.42 -0.37 -0.90	22.64 -0.37 -1.06	26.44 -0.10 -0.91	36.89 0.00 -3.67	36.58 0.13 -3.13	32.51 0.06 -2.03	29.89 -0.30 -0.02	31.86 -0.29 -0.28	36.26 -0.20 -2.49	39.68 -0.25 -3.50	42.87 -0.23 -4.82	45.35 -0.08 -5.22	46.45 -0.21 -4.36	57.95 0.00 -9.74	76.54 0.57 -12.94	83.92 0.99 -12.13	101.83 1.66 -16.98	88.66 1.43 -12.21	68.62 1.00 -8.99	51.20 0.46 -4.77	40.46 0.34 -2.36
HIGH FALLS___HY 23754	34.05 1.93 0.00	31.00 1.70 -2.78	27.81 1.52 -2.60	25.94 1.34 -2.72	26.48 1.34 -3.18	29.77 1.64 -2.49	35.28 2.06 0.00	35.64 2.33 0.00	32.76 2.34 0.00	32.44 2.26 0.00	34.42 2.55 0.00	36.52 2.55 0.00	39.38 2.95 0.00	41.80 3.52 0.00	44.15 3.94 0.00	50.24 4.02 -3.93	58.14 4.87 -5.05	69.52 6.49 0.00	77.95 7.15 0.00	91.75 8.57 0.00	81.54 6.53 0.00	63.09 4.46 0.00	49.46 3.49 0.00	40.41 2.64 0.00
HIGH_RIVER___SOLAR 323847	33.38 1.25 0.00	31.34 1.11 -3.70	28.18 1.02 -3.47	26.43 0.92 -3.62	27.13 0.92 -4.25	30.06 1.10 -3.32	34.55 1.33 0.00	34.11 0.80 0.00	30.79 0.37 0.00	30.33 0.15 0.00	31.93 0.06 0.00	34.08 0.10 0.00	36.54 0.11 0.00	38.51 0.23 0.00	40.53 0.32 0.00	42.72 0.42 0.00	49.13 0.91 0.00	64.54 1.51 0.00	72.99 2.20 0.00	86.93 3.75 0.00	78.47 3.45 0.00	61.33 2.70 0.00	47.99 2.02 0.00	39.31 1.55 0.00
HILLBURN___GT 23639	33.89 1.77 0.00	30.89 1.62 -2.75	27.71 1.45 -2.57	25.85 1.27 -2.69	26.41 1.30 -3.15	29.67 1.56 -2.47	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.41 2.23 0.00	34.29 2.42 0.00	36.42 2.45 0.00	39.19 2.77 0.00	41.42 3.14 0.00	43.83 3.62 0.00	50.95 3.68 -4.98	58.81 4.19 -6.40	68.20 5.17 0.00	76.32 5.53 0.00	89.75 6.57 0.00	79.67 4.65 0.00	61.91 3.28 0.00	48.68 2.71 0.00	39.73 1.96 0.00
HILLSIDE_115KV_TB1 80332	31.50 -0.64 -0.02	26.89 -0.56 -0.92	24.01 -0.54 -0.86	22.27 -0.53 -0.90	22.49 -0.53 -1.06	26.25 -0.28 -0.90	36.15 -0.27 -3.19	35.90 -0.13 -2.72	32.06 -0.12 -1.77	29.74 -0.45 -0.02	31.66 -0.45 -0.24	35.73 -0.41 -2.16	39.00 -0.47 -3.05	42.06 -0.42 -4.20	44.50 -0.32 -4.61	45.76 -0.47 -3.92	56.51 -0.34 -8.64	74.40 0.00 -11.36	81.75 0.21 -10.74	98.77 0.58 -15.00	86.24 0.45 -10.77	66.68 0.23 -7.81	50.06 -0.05 -4.13	39.74 -0.08 -2.05

HISHELDN_WT_PWR 323625	29.43 -2.63 0.06	24.05 -2.12 0.35	21.50 -1.87 0.33	19.78 -1.77 0.34	19.77 -1.78 0.41	23.13 -1.95 0.56	20.14 -2.33 10.75	22.10 -2.03 9.18	22.69 -1.86 5.88	27.97 -2.14 0.06	28.82 -2.23 0.82	24.47 -2.31 7.20	23.79 -2.51 10.13	22.80 -2.53 12.95	24.60 -2.61 13.00	29.70 -2.83 9.76	21.30 -3.04 23.88	22.63 -3.66 36.74	35.73 -3.89 31.17	34.60 -4.49 44.09	37.72 -4.13 33.17	26.38 -3.46 28.79	26.21 -3.04 16.73	28.50 -2.34 6.92
HOLTSVILLE_IC_1 23690	38.54 3.02 -3.39	34.04 2.68 -4.83	28.73 2.37 -2.67	26.77 2.10 -2.78	29.37 2.20 -5.22	30.81 2.62 -2.56	38.48 3.32 -1.94	38.97 3.57 -2.09	33.71 3.29 0.00	33.47 3.29 -0.01	41.04 3.51 -5.67	42.79 3.50 -5.32	48.37 3.64 -8.30	50.86 4.02 -8.56	53.43 4.42 -8.80	56.42 4.44 -9.69	60.47 4.97 -7.29	74.40 6.24 -5.12	83.66 6.80 -6.07	91.27 8.07 -0.02	80.79 5.78 0.00	62.79 4.16 0.00	52.33 3.77 -2.59	43.56 2.91 -2.89
HOLTSVILLE_IC_10 23699	38.76 3.21 -3.42	34.19 2.81 -4.85	28.85 2.49 -2.67	26.88 2.21 -2.78	29.52 2.33 -5.23	30.94 2.74 -2.56	38.70 3.52 -1.95	39.15 3.73 -2.11	33.89 3.47 0.00	33.65 3.47 -0.01	41.28 3.70 -5.71	43.07 3.74 -5.36	48.69 3.90 -8.37	51.20 4.29 -8.63	53.82 4.74 -8.87	56.80 4.78 -9.72	60.90 5.40 -7.29	75.07 6.87 -5.17	84.42 7.50 -6.12	92.11 8.91 -0.02	81.47 6.45 0.00	63.32 4.69 0.00	52.67 4.09 -2.61	43.80 3.13 -2.91
HOLTSVILLE_IC_2 23691	38.54 3.02 -3.39	34.04 2.68 -4.83	28.73 2.37 -2.67	26.77 2.10 -2.78	29.37 2.20 -5.22	30.81 2.62 -2.56	38.48 3.32 -1.94	38.97 3.57 -2.09	33.71 3.29 0.00	33.47 3.29 -0.01	41.04 3.51 -5.67	42.79 3.50 -5.32	48.37 3.64 -8.30	50.86 4.02 -8.56	53.43 4.42 -8.80	56.42 4.44 -9.69	60.47 4.97 -7.29	74.40 6.24 -5.12	83.66 6.80 -6.07	91.27 8.07 -0.02	80.79 5.78 0.00	62.79 4.16 0.00	52.33 3.77 -2.59	43.56 2.91 -2.89
HOLTSVILLE_IC_3 23692	38.54 3.02 -3.39	34.04 2.68 -4.83	28.73 2.37 -2.67	26.77 2.10 -2.78	29.37 2.20 -5.22	30.81 2.62 -2.56	38.48 3.32 -1.94	38.97 3.57 -2.09	33.71 3.29 0.00	33.47 3.29 -0.01	41.04 3.51 -5.67	42.79 3.50 -5.32	48.37 3.64 -8.30	50.86 4.02 -8.56	53.43 4.42 -8.80	56.42 4.44 -9.69	60.47 4.97 -7.29	74.40 6.24 -5.12	83.66 6.80 -6.07	91.27 8.07 -0.02	80.79 5.78 0.00	62.79 4.16 0.00	52.33 3.77 -2.59	43.56 2.91 -2.89
HOLTSVILLE_IC_4 23693	38.54 3.02 -3.39	34.04 2.68 -4.83	28.73 2.37 -2.67	26.77 2.10 -2.78	29.37 2.20 -5.22	30.81 2.62 -2.56	38.48 3.32 -1.94	38.97 3.57 -2.09	33.71 3.29 0.00	33.47 3.29 -0.01	41.04 3.51 -5.67	42.79 3.50 -5.32	48.37 3.64 -8.30	50.86 4.02 -8.56	53.43 4.42 -8.80	56.42 4.44 -9.69	60.47 4.97 -7.29	74.40 6.24 -5.12	83.66 6.80 -6.07	91.27 8.07 -0.02	80.79 5.78 0.00	62.79 4.16 0.00	52.33 3.77 -2.59	43.56 2.91 -2.89
HOLTSVILLE_IC_5 23694	38.54 3.02 -3.39	34.04 2.68 -4.83	28.73 2.37 -2.67	26.77 2.10 -2.78	29.37 2.20 -5.22	30.81 2.62 -2.56	38.48 3.32 -1.94	38.97 3.57 -2.09	33.71 3.29 0.00	33.47 3.29 -0.01	41.04 3.51 -5.67	42.79 3.50 -5.32	48.37 3.64 -8.30	50.86 4.02 -8.56	53.43 4.42 -8.80	56.42 4.44 -9.69	60.47 4.97 -7.29	74.40 6.24 -5.12	83.66 6.80 -6.07	91.27 8.07 -0.02	80.79 5.78 0.00	62.79 4.16 0.00	52.33 3.77 -2.59	43.56 2.91 -2.89
HOLTSVILLE_IC_6 23695	38.76 3.21 -3.42	34.19 2.81 -4.85	28.85 2.49 -2.67	26.88 2.21 -2.78	29.52 2.33 -5.23	30.94 2.74 -2.56	38.70 3.52 -1.95	39.15 3.73 -2.11	33.89 3.47 0.00	33.65 3.47 -0.01	41.28 3.70 -5.71	43.07 3.74 -5.36	48.69 3.90 -8.37	51.20 4.29 -8.63	53.82 4.74 -8.87	56.80 4.78 -9.72	60.90 5.40 -7.29	75.07 6.87 -5.17	84.42 7.50 -6.12	92.11 8.91 -0.02	81.47 6.45 0.00	63.32 4.69 0.00	52.67 4.09 -2.61	43.80 3.13 -2.91
HOLTSVILLE_IC_7 23696	38.76 3.21 -3.42	34.19 2.81 -4.85	28.85 2.49 -2.67	26.88 2.21 -2.78	29.52 2.33 -5.23	30.94 2.74 -2.56	38.70 3.52 -1.95	39.15 3.73 -2.11	33.89 3.47 0.00	33.65 3.47 -0.01	41.28 3.70 -5.71	43.07 3.74 -5.36	48.69 3.90 -8.37	51.20 4.29 -8.63	53.82 4.74 -8.87	56.80 4.78 -9.72	60.90 5.40 -7.29	75.07 6.87 -5.17	84.42 7.50 -6.12	92.11 8.91 -0.02	81.47 6.45 0.00	63.32 4.69 0.00	52.67 4.09 -2.61	43.80 3.13 -2.91
HOLTSVILLE_IC_8 23697	38.76 3.21 -3.42	34.19 2.81 -4.85	28.85 2.49 -2.67	26.88 2.21 -2.78	29.52 2.33 -5.23	30.94 2.74 -2.56	38.70 3.52 -1.95	39.15 3.73 -2.11	33.89 3.47 0.00	33.65 3.47 -0.01	41.28 3.70 -5.71	43.07 3.74 -5.36	48.69 3.90 -8.37	51.20 4.29 -8.63	53.82 4.74 -8.87	56.80 4.78 -9.72	60.90 5.40 -7.29	75.07 6.87 -5.17	84.42 7.50 -6.12	92.11 8.91 -0.02	81.47 6.45 0.00	63.32 4.69 0.00	52.67 4.09 -2.61	43.80 3.13 -2.91
HOLTSVILLE_IC_9 23698	38.76 3.21 -3.42	34.19 2.81 -4.85	28.85 2.49 -2.67	26.88 2.21 -2.78	29.52 2.33 -5.23	30.94 2.74 -2.56	38.70 3.52 -1.95	39.15 3.73 -2.11	33.89 3.47 0.00	33.65 3.47 -0.01	41.28 3.70 -5.71	43.07 3.74 -5.36	48.69 3.90 -8.37	51.20 4.29 -8.63	53.82 4.74 -8.87	56.80 4.78 -9.72	60.90 5.40 -7.29	75.07 6.87 -5.17	84.42 7.50 -6.12	92.11 8.91 -0.02	81.47 6.45 0.00	63.32 4.69 0.00	52.67 4.09 -2.61	43.80 3.13 -2.91
HOMER_HL_115KV_TB2 355744	30.11 -1.99 0.02	24.52 -2.17 -0.17	21.55 -2.30 -0.16	19.97 -2.08 -0.16	19.95 -2.20 -0.19	24.70 -1.00 -0.06	28.16 -1.13 3.93	29.32 -0.63 3.36	27.75 -0.52 2.15	28.83 -1.33 0.02	30.80 -0.76 0.31	30.56 -0.78 2.63	31.85 -0.87 3.70	33.60 -0.80 3.88	35.71 -0.60 3.90	38.31 -1.06 2.93	40.01 -0.96 7.24	49.83 -0.95 12.26	59.58 -1.42 9.80	67.00 -2.33 13.86	62.22 -1.95 10.84	47.18 -1.23 10.22	37.85 -1.24 6.88	34.17 -1.06 2.53
HOWARD_WT_PWR 323690	31.06 -1.16 -0.09	27.39 -0.93 -1.80	24.50 -0.88 -1.68	22.80 -0.85 -1.76	23.18 -0.86 -2.08	26.95 -0.69 -2.00	49.51 -0.73 -17.02	47.21 -0.63 -14.53	39.09 -0.64 -9.31	29.19 -1.09 -0.10	32.10 -1.05 -1.28	44.37 -1.02 -11.41	51.36 -1.13 -16.06	58.77 -1.11 -21.60	61.10 -1.13 -22.01	57.73 -1.36 -16.79	87.21 -1.25 -40.25	120.09 -1.13 -58.19	121.81 -0.64 -51.65	156.26 0.17 -72.91	128.76 0.23 -53.52	101.97 -0.06 -43.40	69.41 -0.46 -23.90	48.44 -0.26 -10.94
HQ_GEN_CEDARS 23644	31.96 -0.16 0.00	26.26 -0.27 0.00	23.41 -0.28 0.00	21.67 -0.22 0.00	21.72 -0.24 0.00	25.43 -0.21 0.00	32.86 -0.37 0.00	32.88 -0.43 0.00	30.09 -0.33 0.00	29.87 -0.30 0.00	31.61 -0.25 0.00	33.77 -0.20 0.00	36.13 -0.29 0.00	37.98 -0.31 0.00	39.81 -0.40 0.00	41.92 -0.38 0.00	47.69 -0.53 0.00	62.02 -1.01 0.00	69.95 -0.85 0.00	82.10 -1.08 0.00	74.34 -0.68 0.00	58.04 -0.59 0.00	45.60 -0.37 0.00	37.50 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	31.97 -0.16 0.00	26.26 -0.27 0.00	23.41 -0.28 0.00	21.67 -0.22 0.00	21.72 -0.24 0.00	25.43 -0.21 0.00	32.86 -0.36 0.00	32.88 -0.43 0.00	30.09 -0.33 0.00	29.87 -0.30 0.00	31.61 -0.26 0.00	33.77 -0.20 0.00	36.13 -0.29 0.00	37.97 -0.31 0.00	39.81 -0.40 0.00	41.92 -0.38 0.00	47.69 -0.53 0.00	62.02 -1.01 0.00	70.66 -0.85 -0.71	80.94 -1.08 1.16	74.79 -0.68 -0.45	58.05 -0.59 0.00	45.60 -0.37 0.00	37.50 -0.26 0.00

HQ_GEN_CHPE_PROXY 323851	34.21 2.09 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.86 2.68 0.00	34.80 2.93 0.00	36.97 2.99 0.00	39.71 3.28 0.00	41.97 3.68 -0.02	44.41 4.18 -0.02	51.86 4.27 -5.29	59.73 4.73 -6.79	68.83 5.80 0.00	77.66 6.16 -0.71	89.42 7.40 1.16	80.50 5.03 -0.45	62.33 3.70 0.00	49.10 3.13 0.00	40.07 2.30 0.00
HQ_GEN_IMPORT 323601	32.00 -0.13 0.00	26.34 -0.18 0.00	23.50 -0.19 0.00	21.74 -0.15 0.00	21.81 -0.15 0.00	25.48 -0.15 0.00	32.95 -0.27 0.00	33.04 -0.27 0.00	30.24 -0.18 0.00	30.06 -0.12 0.00	31.77 -0.10 0.00	33.91 -0.07 0.00	36.32 -0.11 0.00	38.17 -0.11 0.00	40.05 -0.16 0.00	42.13 -0.17 0.00	48.02 -0.19 0.00	62.66 -0.38 0.00	71.08 -0.42 -0.71	81.35 -0.67 1.16	75.17 -0.30 -0.45	58.57 -0.06 0.00	45.88 -0.09 0.00	37.69 -0.08 0.00
HQ_GEN_WHEEL 23651	32.00 -0.13 0.00	26.34 -0.18 0.00	23.50 -0.19 0.00	21.74 -0.15 0.00	21.81 -0.15 0.00	25.48 -0.15 0.00	32.95 -0.27 0.00	33.04 -0.27 0.00	30.24 -0.18 0.00	30.06 -0.12 0.00	31.77 -0.10 0.00	33.91 -0.07 0.00	36.32 -0.11 0.00	38.17 -0.11 0.00	40.05 -0.16 0.00	42.13 -0.17 0.00	48.02 -0.19 0.00	62.66 -0.38 0.00	71.08 -0.42 -0.71	81.35 -0.67 1.16	75.17 -0.30 -0.45	58.57 -0.06 0.00	45.88 -0.09 0.00	37.69 -0.08 0.00
HUDSON_AVE_GT_3 23810	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.89 2.72 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.24 3.94 -0.02	44.53 4.30 -0.02	51.97 4.40 -5.27	59.89 4.92 -6.76	69.08 6.05 0.00	77.17 6.37 0.00	90.84 7.65 0.00	80.27 5.25 0.00	62.44 3.81 0.00	49.23 3.26 0.00	40.26 2.49 0.00
HUDSON_AVE_GT_4 23540	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.89 2.72 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.24 3.94 -0.02	44.53 4.30 -0.02	51.97 4.40 -5.27	59.89 4.92 -6.76	69.08 6.05 0.00	77.17 6.37 0.00	90.84 7.65 0.00	80.27 5.25 0.00	62.44 3.81 0.00	49.23 3.26 0.00	40.26 2.49 0.00
HUDSON_AVE_GT_5 23657	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.89 2.72 0.00	34.90 3.03 0.00	37.00 3.02 0.00	39.81 3.39 0.00	42.24 3.94 -0.02	44.53 4.30 -0.02	51.97 4.40 -5.27	59.89 4.92 -6.76	69.08 6.05 0.00	77.17 6.37 0.00	90.84 7.65 0.00	80.27 5.25 0.00	62.44 3.81 0.00	49.23 3.26 0.00	40.26 2.49 0.00
HUDSON_AVE_10 24168	34.15 2.02 0.00	31.20 1.83 -2.84	28.01 1.66 -2.66	26.14 1.47 -2.78	26.73 1.52 -3.26	30.01 1.82 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.83 2.66 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.74 3.31 0.00	42.16 3.87 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.79 4.82 -6.76	68.89 5.86 0.00	77.03 6.23 0.00	90.67 7.49 0.00	80.12 5.10 0.00	62.33 3.69 0.00	49.14 3.17 0.00	40.18 2.42 0.00
HUDSON___115KV_TB 4 355613	33.60 1.48 0.00	31.08 1.14 -3.41	27.91 1.02 -3.20	26.19 0.96 -3.34	26.80 0.92 -3.92	29.78 1.08 -3.06	34.85 1.63 0.00	34.74 1.43 0.00	31.27 0.85 0.00	30.81 0.63 0.00	32.48 0.61 0.00	34.69 0.71 0.00	37.26 0.84 0.00	39.39 1.11 0.00	41.50 1.29 0.00	44.21 1.61 -0.31	50.34 1.74 -0.39	65.30 2.27 0.00	73.56 2.76 0.00	87.01 3.83 0.00	78.39 3.38 0.00	61.15 2.52 0.00	47.76 1.79 0.00	39.27 1.51 0.00
HUNTER MOUNT___DRP 323613	33.67 1.54 0.00	30.89 1.03 -3.33	27.74 0.92 -3.12	26.03 0.88 -3.26	26.62 0.83 -3.82	29.60 0.97 -2.99	34.85 1.63 0.00	34.71 1.40 0.00	31.24 0.82 0.00	30.75 0.57 0.00	32.41 0.54 0.00	34.66 0.68 0.00	37.19 0.76 0.00	39.35 1.07 0.00	41.50 1.29 0.00	44.81 1.73 -0.78	51.15 1.93 -1.01	65.43 2.40 0.00	73.77 2.97 0.00	87.34 4.16 0.00	78.77 3.75 0.00	61.39 2.76 0.00	47.90 1.93 0.00	39.39 1.62 0.00
HUNTINGTON_RES_REC 323705	38.45 2.89 -3.43	33.95 2.57 -4.86	28.64 2.27 -2.67	26.71 2.04 -2.78	29.31 2.11 -5.24	30.71 2.51 -2.56	38.37 3.19 -1.96	38.89 3.46 -2.12	33.68 3.26 0.00	33.44 3.26 -0.01	41.08 3.47 -5.73	42.82 3.47 -5.38	48.50 3.68 -8.39	51.00 4.06 -8.66	53.57 4.46 -8.90	56.43 4.40 -9.74	60.33 4.82 -7.29	74.35 6.11 -5.21	83.62 6.65 -6.17	91.14 7.91 -0.05	80.57 5.55 0.00	62.62 3.99 0.00	52.22 3.63 -2.62	43.59 2.91 -2.92
HUNTLEY___63 23557	28.57 -3.53 0.02	23.88 -2.73 -0.09	21.41 -2.37 -0.09	19.75 -2.23 -0.09	19.82 -2.24 -0.10	22.86 -2.77 0.01	26.02 -3.22 3.98	27.12 -2.80 3.40	25.77 -2.46 2.18	27.46 -2.69 0.03	28.62 -2.93 0.31	28.42 -2.89 2.67	29.47 -3.21 3.75	30.11 -3.37 4.80	32.06 -3.34 4.82	35.10 -3.60 3.60	35.31 -4.00 8.91	43.38 -4.92 14.73	53.51 -5.45 11.83	59.71 -6.74 16.74	55.73 -6.30 12.99	41.30 -5.22 12.11	34.50 -4.37 7.10	31.80 -3.40 2.56
HUNTLEY___64 23558	28.57 -3.53 0.02	23.88 -2.73 -0.09	21.41 -2.37 -0.09	19.75 -2.23 -0.09	19.82 -2.24 -0.10	22.86 -2.77 0.01	26.02 -3.22 3.98	27.12 -2.80 3.40	25.77 -2.46 2.18	27.46 -2.69 0.03	28.62 -2.93 0.31	28.42 -2.89 2.67	29.47 -3.21 3.75	30.11 -3.37 4.80	32.06 -3.34 4.82	35.10 -3.60 3.60	35.31 -4.00 8.91	43.38 -4.92 14.73	53.51 -5.45 11.83	59.71 -6.74 16.74	55.73 -6.30 12.99	41.30 -5.22 12.11	34.50 -4.37 7.10	31.80 -3.40 2.56
HUNTLEY___65 23559	28.57 -3.53 0.02	23.88 -2.73 -0.09	21.41 -2.37 -0.09	19.75 -2.23 -0.09	19.82 -2.24 -0.10	22.86 -2.77 0.01	26.02 -3.22 3.98	27.12 -2.80 3.40	25.77 -2.46 2.18	27.46 -2.69 0.03	28.62 -2.93 0.31	28.42 -2.89 2.67	29.47 -3.21 3.75	30.11 -3.37 4.80	32.06 -3.34 4.82	35.10 -3.60 3.60	35.31 -4.00 8.91	43.38 -4.92 14.73	53.51 -5.45 11.83	59.71 -6.74 16.74	55.73 -6.30 12.99	41.30 -5.22 12.11	34.50 -4.37 7.10	31.80 -3.40 2.56
HUNTLEY___66 23560	28.57 -3.53 0.02	23.88 -2.73 -0.09	21.41 -2.37 -0.09	19.75 -2.23 -0.09	19.82 -2.24 -0.10	22.86 -2.77 0.01	26.02 -3.22 3.98	27.12 -2.80 3.40	25.77 -2.46 2.18	27.46 -2.69 0.03	28.62 -2.93 0.31	28.42 -2.89 2.67	29.47 -3.21 3.75	30.11 -3.37 4.80	32.06 -3.34 4.82	35.10 -3.60 3.60	35.31 -4.00 8.91	43.38 -4.92 14.73	53.51 -5.45 11.83	59.71 -6.74 16.74	55.73 -6.30 12.99	41.30 -5.22 12.11	34.50 -4.37 7.10	31.80 -3.40 2.56
HUNTLEY___67 23561	28.70 -3.41 0.02	23.96 -2.63 -0.06	21.48 -2.27 -0.06	19.78 -2.17 -0.06	19.85 -2.17 -0.07	22.90 -2.69 0.05	25.68 -3.26 4.28	26.82 -2.83 3.66	25.54 -2.52 2.35	27.65 -2.50 0.03	28.65 -2.87 0.35	28.14 -2.96 2.88	29.11 -3.28 4.04	30.43 -3.41 4.45	32.37 -3.38 4.47	35.29 -3.68 3.33	35.87 -4.10 8.25	44.08 -5.04 13.91	54.15 -5.66 10.98	60.67 -6.99 15.53	56.41 -6.45 12.15	41.84 -5.22 11.58	34.05 -4.37 7.55	31.53 -3.47 2.76

HUNTLEY___68 23562	28.70 -3.41 0.02	23.96 -2.63 -0.06	21.48 -2.27 -0.06	19.78 -2.17 -0.06	19.85 -2.17 -0.07	22.90 -2.69 0.05	25.68 -3.26 4.28	26.82 -2.83 3.66	25.54 -2.52 2.35	27.65 -2.50 0.03	28.65 -2.87 0.35	28.14 -2.96 2.88	29.11 -3.28 4.04	30.43 -3.41 4.45	32.37 -3.38 4.47	35.29 -3.68 3.33	35.87 -4.10 8.25	44.08 -5.04 13.91	54.15 -5.66 10.98	60.67 -6.99 15.53	56.41 -6.45 12.15	41.84 -5.22 11.58	34.05 -4.37 7.55	31.53 -3.47 2.76
HYLAND___LFGE 323620	31.59 -0.61 -0.08	27.75 -0.32 -1.54	24.90 -0.24 -1.44	23.11 -0.29 -1.51	23.48 -0.26 -1.78	26.98 -0.38 -1.72	47.96 -0.30 -15.04	45.82 -0.33 -12.84	37.91 -0.73 -8.22	29.11 -1.15 -0.08	31.57 -1.43 -1.13	42.48 -1.56 -10.06	48.88 -1.71 -14.17	55.50 -1.80 -19.01	57.53 -1.77 -19.09	52.63 -4.02 -14.35	78.67 -4.39 -34.84	107.70 -5.48 -50.15	110.39 -4.88 -44.48	141.77 -4.33 -62.91	117.62 -3.45 -46.05	92.91 -3.17 -37.44	64.03 -2.57 -20.63	47.66 0.23 -9.67
INDECK___CORINTH 23802	34.05 1.93 0.00	31.82 1.70 -3.60	28.60 1.54 -3.37	26.81 1.40 -3.52	27.49 1.41 -4.13	30.53 1.67 -3.23	35.45 2.23 0.00	35.24 1.93 0.00	31.82 1.40 0.00	31.32 1.15 0.00	32.98 1.11 0.00	35.40 1.43 0.00	37.92 1.49 0.00	39.96 1.68 0.00	42.14 1.93 0.00	44.58 2.28 0.00	51.21 2.99 0.00	66.88 3.85 0.00	74.83 4.03 0.00	89.09 5.91 0.00	80.12 5.10 0.00	62.97 4.34 0.00	49.00 3.03 0.00	40.25 2.49 0.00
INDECK___ILION 23567	32.77 0.64 0.00	27.11 0.58 0.00	24.19 0.50 0.00	22.33 0.44 0.00	22.40 0.44 0.00	26.18 0.54 0.00	33.95 0.73 0.00	33.91 0.60 0.00	30.91 0.49 0.00	30.63 0.45 0.00	32.35 0.48 0.00	34.49 0.51 0.00	36.94 0.51 0.00	38.63 0.34 0.00	40.49 0.28 0.00	42.47 0.17 0.00	48.50 0.29 0.00	63.47 0.44 0.00	71.57 0.78 0.00	84.60 1.41 0.00	76.29 1.28 0.00	59.63 1.00 0.00	47.07 1.10 0.00	38.63 0.87 0.00
INDECK___OLEAN 23982	30.11 -1.99 0.02	24.52 -2.17 -0.17	21.48 -2.37 -0.16	19.97 -2.08 -0.16	19.95 -2.20 -0.19	24.69 -1.00 -0.06	28.16 -1.13 3.93	29.32 -0.63 3.36	27.75 -0.52 2.15	29.01 -1.15 0.02	30.83 -0.73 0.31	30.53 -0.82 2.63	31.85 -0.87 3.70	33.63 -0.77 3.88	35.67 -0.64 3.90	38.35 -1.02 2.93	40.25 -0.72 7.24	49.83 -0.94 12.26	59.58 -1.42 9.80	67.09 -2.24 13.86	62.22 -1.95 10.84	47.12 -1.29 10.22	37.80 -1.29 6.88	34.17 -1.06 2.53
INDECK___OSWEGO 23783	31.32 -0.80 0.00	26.12 -0.61 -0.21	23.34 -0.54 -0.19	21.59 -0.50 -0.20	21.69 -0.50 -0.24	25.21 -0.62 -0.19	32.49 -0.73 0.00	32.51 -0.80 0.00	29.66 -0.76 0.00	29.36 -0.81 0.00	30.98 -0.89 0.00	33.03 -0.95 0.00	35.41 -1.02 0.00	37.25 -1.23 -0.20	41.60 -1.33 -2.71	44.63 -1.36 -3.69	51.42 -1.83 -5.04	68.54 -2.33 -7.84	76.83 -2.41 -8.44	91.51 -2.49 -10.82	80.93 -2.33 -8.24	60.97 -1.88 -4.22	46.94 -1.20 -2.16	36.82 -0.94 0.00
INDECK___YERKES 23781	28.57 -3.53 0.02	23.88 -2.73 -0.09	21.46 -2.32 -0.09	19.75 -2.23 -0.09	19.84 -2.22 -0.10	22.88 -2.74 0.01	26.02 -3.22 3.98	27.15 -2.76 3.40	25.78 -2.46 2.18	27.31 -2.84 0.03	28.63 -2.93 0.31	28.38 -2.92 2.67	29.47 -3.21 3.75	30.23 -3.25 4.80	32.06 -3.34 4.82	35.14 -3.55 3.60	35.36 -3.95 8.91	43.45 -4.85 14.73	53.51 -5.45 11.83	59.79 -6.66 16.74	55.81 -6.23 12.99	41.30 -5.22 12.11	34.54 -4.32 7.10	31.92 -3.29 2.56
INDIAN POINT_GT_1 24139	33.96 1.83 0.00	31.01 1.67 -2.82	27.85 1.52 -2.64	25.99 1.34 -2.76	26.55 1.36 -3.23	29.81 1.64 -2.53	35.28 2.06 0.00	35.64 2.33 0.00	32.67 2.25 0.00	32.41 2.23 0.00	34.39 2.52 0.00	36.49 2.51 0.00	39.23 2.80 0.00	41.61 3.33 0.00	43.83 3.62 0.00	51.20 3.72 -5.18	59.07 4.19 -6.66	68.20 5.17 0.00	76.32 5.52 0.00	89.76 6.57 0.00	79.67 4.65 0.00	61.86 3.22 0.00	48.68 2.71 0.00	39.88 2.11 0.00
INDIAN POINT_GT_2 23659	33.96 1.83 0.00	31.01 1.67 -2.82	27.85 1.52 -2.64	25.99 1.34 -2.76	26.55 1.36 -3.23	29.81 1.64 -2.53	35.28 2.06 0.00	35.64 2.33 0.00	32.67 2.25 0.00	32.41 2.23 0.00	34.39 2.52 0.00	36.49 2.51 0.00	39.23 2.80 0.00	41.61 3.33 0.00	43.83 3.62 0.00	51.20 3.72 -5.18	59.07 4.19 -6.66	68.20 5.17 0.00	76.32 5.52 0.00	89.76 6.57 0.00	79.67 4.65 0.00	61.86 3.22 0.00	48.68 2.71 0.00	39.88 2.11 0.00
INDIAN POINT_GT_3 24019	33.96 1.83 0.00	31.01 1.67 -2.82	27.85 1.52 -2.64	25.99 1.34 -2.76	26.55 1.36 -3.23	29.81 1.64 -2.53	35.28 2.06 0.00	35.64 2.33 0.00	32.67 2.25 0.00	32.41 2.23 0.00	34.39 2.52 0.00	36.49 2.51 0.00	39.23 2.80 0.00	41.61 3.33 0.00	43.83 3.62 0.00	51.20 3.72 -5.18	59.07 4.19 -6.66	68.20 5.17 0.00	76.32 5.52 0.00	89.76 6.57 0.00	79.67 4.65 0.00	61.86 3.22 0.00	48.68 2.71 0.00	39.88 2.11 0.00
INDIAN POINT___2 23530	33.92 1.80 0.00	30.93 1.62 -2.79	27.75 1.45 -2.61	25.91 1.29 -2.73	26.50 1.34 -3.20	29.73 1.59 -2.50	35.21 1.99 0.00	35.58 2.27 0.00	32.64 2.22 0.00	32.44 2.26 0.00	34.32 2.45 0.00	36.46 2.48 0.00	39.19 2.77 0.00	41.42 3.14 0.00	43.79 3.58 0.00	51.09 3.68 -5.11	58.93 4.15 -6.57	68.08 5.04 0.00	76.25 5.45 0.00	89.59 6.41 0.00	79.52 4.50 0.00	61.80 3.16 0.00	48.63 2.67 0.00	39.69 1.92 0.00
INDIAN POINT___3 23531	33.92 1.80 0.00	30.99 1.64 -2.82	27.83 1.49 -2.64	25.96 1.31 -2.76	26.53 1.34 -3.24	29.79 1.62 -2.53	35.25 2.03 0.00	35.61 2.30 0.00	32.64 2.22 0.00	32.38 2.20 0.00	34.36 2.49 0.00	36.46 2.48 0.00	39.19 2.77 0.00	41.57 3.29 0.00	43.79 3.58 0.00	51.12 3.64 -5.19	58.98 4.10 -6.67	68.07 5.04 0.00	76.18 5.38 0.00	89.59 6.41 0.00	79.52 4.50 0.00	61.80 3.17 0.00	48.64 2.67 0.00	39.84 2.08 0.00
INDIANHDD_69_KV_BK1 55831	38.57 3.02 -3.43	34.06 2.68 -4.86	28.76 2.39 -2.67	26.77 2.10 -2.78	29.39 2.20 -5.24	30.81 2.62 -2.56	38.50 3.32 -1.96	39.03 3.60 -2.12	33.77 3.35 0.00	33.50 3.32 -0.01	41.20 3.60 -5.73	42.88 3.53 -5.37	48.64 3.82 -8.39	51.26 4.33 -8.65	53.73 4.62 -8.89	56.62 4.61 -9.71	60.63 5.16 -7.26	74.85 6.62 -5.20	84.10 7.15 -6.16	91.71 8.48 -0.04	81.09 6.08 0.00	62.97 4.34 0.00	52.45 3.86 -2.61	43.89 3.21 -2.92
INGHAM_C_115KV_TB7 356103	32.77 0.64 0.00	27.11 0.58 0.00	24.19 0.50 0.00	22.33 0.44 0.00	22.40 0.44 0.00	26.18 0.54 0.00	33.95 0.73 0.00	33.91 0.60 0.00	30.91 0.49 0.00	30.63 0.45 0.00	32.35 0.48 0.00	34.49 0.51 0.00	36.94 0.51 0.00	38.63 0.34 0.00	40.49 0.28 0.00	42.47 0.17 0.00	48.50 0.29 0.00	63.47 0.44 0.00	71.57 0.78 0.00	84.60 1.41 0.00	76.29 1.28 0.00	59.63 1.00 0.00	47.07 1.10 0.00	38.63 0.87 0.00
IP CORINTH___1 23988	34.05 1.93 0.00	31.82 1.70 -3.60	28.58 1.52 -3.37	26.81 1.40 -3.52	27.49 1.41 -4.13	30.53 1.67 -3.23	35.45 2.23 0.00	35.24 1.93 0.00	31.82 1.40 0.00	31.29 1.12 0.00	32.99 1.12 0.00	35.40 1.43 0.00	37.92 1.49 0.00	40.04 1.76 0.00	42.14 1.93 0.00	44.58 2.28 0.00	51.20 2.99 0.00	66.88 3.84 0.00	74.83 4.04 0.00	89.01 5.82 0.00	80.12 5.10 0.00	62.97 4.34 0.00	49.00 3.03 0.00	40.33 2.57 0.00

IP___TICONDEROGA 23804	35.14 3.02 0.00	32.72 2.60 -3.59	29.43 2.37 -3.37	27.60 2.19 -3.52	28.25 2.17 -4.12	31.45 2.59 -3.23	36.64 3.42 0.00	36.18 2.86 0.00	32.52 2.10 0.00	31.87 1.69 0.00	33.50 1.63 0.00	36.15 2.17 0.00	38.65 2.22 0.00	40.89 2.60 0.00	43.03 2.81 0.00	45.72 3.43 0.00	52.80 4.58 0.00	68.89 5.86 0.00	77.73 6.94 0.00	93.42 10.23 0.00	84.32 9.30 0.00	66.31 7.68 0.00	51.21 5.24 0.00	41.99 4.23 0.00
ISLIP_RES_REC 323679	38.90 3.34 -3.44	34.30 2.92 -4.86	28.95 2.58 -2.67	26.97 2.30 -2.78	29.62 2.42 -5.24	31.04 2.85 -2.56	38.84 3.65 -1.96	39.33 3.90 -2.12	34.04 3.62 0.00	33.80 3.62 -0.01	41.47 3.85 -5.74	43.27 3.91 -5.39	48.95 4.11 -8.41	51.48 4.52 -8.68	54.11 4.99 -8.92	57.12 5.07 -9.75	61.24 5.73 -7.29	75.53 7.31 -5.19	84.95 8.00 -6.15	92.68 9.48 -0.02	81.99 6.98 0.00	63.67 5.04 0.00	52.96 4.37 -2.62	44.01 3.32 -2.92
JAMAICA__27_KV_LOAD 355505	34.25 2.12 0.00	31.28 1.91 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.11 1.92 -2.55	35.65 2.43 0.00	36.14 2.83 0.00	33.31 2.89 0.00	33.04 2.87 0.00	35.02 3.16 0.00	37.17 3.19 0.00	40.00 3.57 0.00	42.51 4.21 -0.02	44.81 4.58 -0.02	52.30 4.74 -5.27	60.27 5.30 -6.76	69.52 6.49 0.00	77.73 6.94 0.00	91.50 8.32 0.00	80.79 5.78 0.00	62.91 4.28 0.00	49.51 3.54 0.00	40.44 2.68 0.00
JANIS___SOLAR 323808	32.87 0.74 -0.01	27.95 0.58 -0.84	24.96 0.47 -0.79	23.18 0.46 -0.83	23.37 0.44 -0.97	27.12 0.69 -0.79	35.60 0.96 -1.41	35.42 0.90 -1.20	31.77 0.52 -0.84	30.28 0.09 -0.01	31.95 -0.03 -0.11	35.04 0.03 -1.03	37.91 0.04 -1.44	40.40 0.12 -2.00	42.86 0.16 -2.49	44.61 0.04 -2.27	53.33 0.48 -4.63	70.23 1.45 -5.75	79.20 2.62 -5.78	95.36 4.24 -7.94	84.47 3.82 -5.63	64.89 2.70 -3.56	49.69 1.89 -1.84	40.07 1.40 -0.91
JARVIS____ 23743	32.25 0.13 0.00	26.66 0.13 0.00	23.81 0.12 0.00	22.00 0.11 0.00	22.07 0.11 0.00	25.77 0.13 0.00	33.39 0.17 0.00	33.48 0.17 0.00	30.54 0.12 0.00	30.27 0.09 0.00	31.97 0.10 0.00	34.04 0.07 0.00	36.50 0.07 0.00	38.40 0.12 0.00	40.33 0.12 0.00	42.43 0.13 0.00	48.36 0.15 0.00	63.28 0.25 0.00	71.01 0.21 0.00	83.60 0.42 0.00	75.24 0.23 0.00	58.75 0.12 0.00	46.11 0.14 0.00	37.88 0.11 0.00
JENNISON___1 23625	33.03 0.90 0.00	28.29 0.74 -1.02	25.24 0.59 -0.95	23.46 0.57 -1.00	23.68 0.55 -1.17	27.36 0.79 -0.93	35.10 1.13 -0.75	34.98 1.03 -0.64	31.66 0.85 -0.39	30.78 0.60 0.00	32.53 0.61 -0.05	35.20 0.75 -0.47	37.89 0.80 -0.67	40.18 0.96 -0.95	42.56 1.09 -1.26	44.95 0.85 -1.81	52.74 1.40 -3.13	68.45 2.27 -3.15	77.24 3.12 -3.33	92.30 4.58 -4.54	82.01 3.83 -3.17	63.19 2.76 -1.81	48.89 2.02 -0.89	39.75 1.51 -0.48
JENNISON___2 23626	33.03 0.90 0.00	28.29 0.74 -1.02	25.24 0.59 -0.95	23.46 0.57 -1.00	23.68 0.55 -1.17	27.36 0.79 -0.93	35.10 1.13 -0.75	34.98 1.03 -0.64	31.66 0.85 -0.39	30.78 0.60 0.00	32.53 0.61 -0.05	35.20 0.75 -0.47	37.89 0.80 -0.67	40.18 0.96 -0.95	42.56 1.09 -1.26	44.95 0.85 -1.81	52.74 1.40 -3.13	68.45 2.27 -3.15	77.24 3.12 -3.33	92.30 4.58 -4.54	82.01 3.83 -3.17	63.19 2.76 -1.81	48.89 2.02 -0.89	39.75 1.51 -0.48
JERICHO_RISE_WT_PWR 323719	31.68 -0.45 0.00	26.05 -0.48 0.00	23.24 -0.45 0.00	21.52 -0.37 0.00	21.58 -0.37 0.00	25.25 -0.38 0.00	32.62 -0.60 0.00	32.71 -0.60 0.00	29.99 -0.43 0.00	29.82 -0.36 0.00	31.52 -0.35 0.00	33.64 -0.34 0.00	35.99 -0.44 0.00	37.78 -0.50 0.00	39.65 -0.56 0.00	41.79 -0.51 0.00	47.69 -0.53 0.00	62.15 -0.88 0.00	69.95 -0.85 0.00	81.85 -1.33 0.00	73.97 -1.05 0.00	57.63 -1.00 0.00	45.19 -0.78 0.00	37.12 -0.64 0.00
KATONAH___115KV_46KV_TB4 355592	34.15 2.02 0.00	31.22 1.83 -2.87	28.02 1.63 -2.69	26.14 1.44 -2.81	26.72 1.47 -3.29	29.98 1.77 -2.58	35.48 2.26 0.00	35.78 2.47 0.00	32.82 2.40 0.00	32.53 2.35 0.00	34.55 2.68 0.00	36.66 2.68 0.00	39.41 2.99 0.00	41.77 3.48 0.00	43.99 3.78 0.00	51.56 3.93 -5.32	59.59 4.53 -6.84	68.70 5.67 0.00	76.95 6.16 0.00	90.42 7.24 0.00	80.34 5.33 0.00	62.38 3.75 0.00	49.00 3.03 0.00	40.10 2.34 0.00
KCE_NY_1 323755	33.79 1.67 0.00	31.60 1.48 -3.59	28.41 1.35 -3.36	26.65 1.25 -3.51	27.31 1.23 -4.12	30.32 1.46 -3.22	35.15 1.93 0.00	35.01 1.70 0.00	31.64 1.22 0.00	31.20 1.03 0.00	32.86 0.99 0.00	35.16 1.19 0.00	37.67 1.24 0.00	39.74 1.45 0.00	41.86 1.65 0.00	44.20 1.91 0.00	50.63 2.41 0.00	66.18 3.15 0.00	74.33 3.54 0.00	88.09 4.91 0.00	79.37 4.35 0.00	62.15 3.52 0.00	48.54 2.57 0.00	39.80 2.04 0.00
KCE_NY_6_ESR 323823	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.39 -2.18 0.07	25.81 -2.63 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	27.98 -2.17 0.03	29.23 -2.26 0.38	28.42 -2.34 3.21	29.36 -2.55 4.51	30.83 -2.53 4.92	32.70 -2.57 4.94	35.84 -2.75 3.71	36.07 -2.99 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.75 -4.80 13.46	42.11 -3.99 12.53	34.35 -3.40 8.22	32.04 -2.64 3.08
KEDC_PORT_JEFF_GT2 24210	38.69 3.15 -3.41	34.15 2.78 -4.84	28.81 2.44 -2.67	26.86 2.19 -2.78	29.47 2.28 -5.23	30.91 2.72 -2.56	38.63 3.45 -1.95	39.11 3.70 -2.10	33.86 3.44 0.00	33.62 3.44 -0.01	41.23 3.66 -5.70	42.99 3.67 -5.35	48.63 3.86 -8.34	51.14 4.25 -8.61	53.72 4.66 -8.84	56.74 4.74 -9.71	60.81 5.30 -7.29	74.93 6.75 -5.15	84.26 7.36 -6.11	91.86 8.65 -0.02	81.32 6.30 0.00	63.21 4.58 0.00	52.57 4.00 -2.60	43.76 3.10 -2.90
KEDC_PORT_JEFF_GT3 24211	38.69 3.15 -3.41	34.15 2.78 -4.84	28.81 2.44 -2.67	26.86 2.19 -2.78	29.47 2.28 -5.23	30.91 2.72 -2.56	38.63 3.45 -1.95	39.11 3.70 -2.10	33.86 3.44 0.00	33.62 3.44 -0.01	41.23 3.66 -5.70	42.99 3.67 -5.35	48.63 3.86 -8.34	51.14 4.25 -8.61	53.72 4.66 -8.84	56.74 4.74 -9.71	60.81 5.30 -7.29	74.93 6.75 -5.15	84.26 7.36 -6.11	91.86 8.65 -0.02	81.32 6.30 0.00	63.21 4.58 0.00	52.57 4.00 -2.60	43.76 3.10 -2.90
KEDC_GLWD_GT4 24219	39.95 2.38 -5.45	34.69 2.12 -6.04	28.27 1.90 -2.68	26.36 1.69 -2.78	30.12 1.76 -6.40	30.28 2.08 -2.57	38.96 2.62 -3.11	39.57 2.90 -3.36	33.25 2.83 0.00	33.06 2.87 -0.01	44.06 3.09 -9.10	45.64 3.12 -8.54	53.18 3.42 -13.33	55.82 3.79 -13.75	58.60 4.26 -14.13	58.97 4.32 -12.36	60.62 4.82 -7.59	76.85 5.61 -8.22	86.54 6.01 -9.73	90.35 7.15 -0.01	79.97 4.95 0.00	62.56 3.93 0.00	53.53 3.40 -4.16	44.97 2.57 -4.63
KEDC_GLWD_GT5 24220	39.95 2.38 -5.45	34.69 2.12 -6.04	28.27 1.90 -2.68	26.36 1.69 -2.78	30.12 1.76 -6.40	30.28 2.08 -2.57	38.96 2.62 -3.11	39.57 2.90 -3.36	33.25 2.83 0.00	33.06 2.87 -0.01	44.06 3.09 -9.10	45.64 3.12 -8.54	53.18 3.42 -13.33	55.82 3.79 -13.75	58.60 4.26 -14.13	58.97 4.32 -12.36	60.62 4.82 -7.59	76.85 5.61 -8.22	86.54 6.01 -9.73	90.35 7.15 -0.01	79.97 4.95 0.00	62.56 3.93 0.00	53.53 3.40 -4.16	44.97 2.57 -4.63

KENSICO____ 23655	34.05 1.93 0.00	31.11 1.75 -2.84	27.94 1.59 -2.66	26.07 1.40 -2.78	26.64 1.43 -3.26	29.90 1.72 -2.55	35.38 2.16 0.00	35.74 2.43 0.00	32.79 2.37 0.00	32.53 2.35 0.00	34.51 2.65 0.00	36.63 2.65 0.00	39.38 2.95 0.00	41.77 3.48 0.00	43.99 3.78 0.00	51.39 3.85 -5.24	59.29 4.34 -6.74	68.39 5.36 0.00	76.53 5.73 0.00	90.01 6.82 0.00	79.82 4.80 0.00	62.03 3.40 0.00	48.82 2.85 0.00	39.99 2.23 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.99 1.86 0.00	30.79 1.62 -2.65	27.60 1.42 -2.48	25.75 1.27 -2.59	26.27 1.27 -3.04	29.55 1.54 -2.38	35.22 1.99 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.29 2.11 0.00	34.23 2.36 0.00	36.35 2.38 0.00	39.16 2.73 0.00	41.57 3.29 0.00	43.91 3.70 0.00	49.97 3.76 -3.90	57.77 4.53 -5.02	69.08 6.05 0.00	77.45 6.65 0.00	91.25 8.07 0.00	81.17 6.15 0.00	62.85 4.22 0.00	49.23 3.26 0.00	40.26 2.49 0.00
KIAC_JFK_GT1 23816	34.05 1.93 0.00	31.09 1.72 -2.84	27.92 1.56 -2.66	26.05 1.38 -2.78	26.65 1.43 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.91 2.60 0.00	33.07 2.65 0.00	32.83 2.66 0.00	34.80 2.93 0.00	36.90 2.92 0.00	39.74 3.31 0.00	42.20 3.90 -0.02	44.45 4.22 -0.02	51.92 4.36 -5.27	59.84 4.87 -6.76	68.70 5.67 0.00	76.81 6.02 0.00	90.42 7.24 0.00	79.89 4.88 0.00	62.38 3.75 0.00	49.14 3.17 0.00	40.14 2.38 0.00
KIAC_JFK_GT2 23817	34.05 1.93 0.00	31.09 1.72 -2.84	27.92 1.56 -2.66	26.05 1.38 -2.78	26.65 1.43 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.91 2.60 0.00	33.07 2.65 0.00	32.83 2.66 0.00	34.80 2.93 0.00	36.90 2.92 0.00	39.74 3.31 0.00	42.20 3.90 -0.02	44.45 4.22 -0.02	51.92 4.36 -5.27	59.84 4.87 -6.76	68.70 5.67 0.00	76.81 6.02 0.00	90.42 7.24 0.00	79.89 4.88 0.00	62.38 3.75 0.00	49.14 3.17 0.00	40.14 2.38 0.00
KIAC_JFK____ 323774	34.05 1.93 0.00	31.09 1.72 -2.84	27.89 1.54 -2.66	26.05 1.38 -2.78	26.65 1.43 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.91 2.60 0.00	33.07 2.65 0.00	32.89 2.72 0.00	34.77 2.90 0.00	36.93 2.95 0.00	39.74 3.31 0.00	42.05 3.75 -0.22	44.45 4.22 -0.02	51.95 4.36 -5.29	59.92 4.92 -6.79	68.71 5.68 0.00	76.81 6.01 0.00	90.51 7.32 0.00	79.89 4.87 0.00	62.39 3.76 0.00	49.14 3.17 0.00	39.99 2.23 0.00
KINTIGH_24_KV_GSU 356498	28.87 -3.24 0.01	24.37 -2.31 -0.16	22.02 -1.82 -0.15	20.23 -1.82 -0.15	20.33 -1.80 -0.18	23.03 -2.69 -0.08	27.32 -3.29 2.61	28.15 -2.93 2.23	26.34 -2.65 1.43	27.60 -2.57 0.01	28.71 -2.96 0.19	29.10 -3.13 1.75	30.57 -3.39 2.47	31.33 -3.52 3.43	33.11 -3.66 3.44	35.90 -3.81 2.59	37.44 -4.34 6.44	46.65 -5.23 11.15	56.17 -5.80 8.82	63.71 -6.99 12.48	58.71 -6.45 9.86	43.75 -5.45 9.43	36.25 -4.46 5.26	32.54 -3.55 1.68
KINTIGH____ 23543	28.87 -3.24 0.01	24.37 -2.31 -0.16	21.97 -1.87 -0.15	20.20 -1.84 -0.15	20.33 -1.80 -0.18	23.00 -2.72 -0.08	27.32 -3.29 2.61	28.15 -2.93 2.23	26.34 -2.65 1.43	27.84 -2.32 0.01	28.68 -3.00 0.19	29.13 -3.09 1.75	30.57 -3.39 2.47	31.25 -3.60 3.43	33.15 -3.62 3.44	35.85 -3.85 2.59	37.49 -4.29 6.44	46.59 -5.29 11.15	56.17 -5.81 8.82	63.80 -6.90 12.48	58.71 -6.45 9.86	43.81 -5.39 9.43	36.25 -4.46 5.26	32.50 -3.59 1.68
KNTFSRNC_46_KV_46KV_LOAD 80397	32.16 0.03 0.00	26.37 -0.16 0.00	23.48 -0.21 0.00	21.76 -0.13 0.00	21.83 -0.13 0.00	25.61 -0.03 0.00	33.06 -0.17 0.00	33.11 -0.20 0.00	30.30 -0.12 0.00	30.09 -0.09 0.00	31.81 -0.06 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.34 0.04 0.00	48.26 0.05 0.00	63.16 0.13 0.00	71.36 0.57 0.00	83.68 0.50 0.00	75.69 0.68 0.00	58.63 0.00 0.00	45.92 -0.05 0.00	37.76 0.00 0.00
LACHUTE____HYDRO 323717	35.14 3.02 0.00	32.72 2.60 -3.59	29.43 2.37 -3.37	27.60 2.19 -3.52	28.26 2.17 -4.12	31.45 2.59 -3.23	36.64 3.42 0.00	36.21 2.90 0.00	32.52 2.10 0.00	31.90 1.72 0.00	33.53 1.66 0.00	36.15 2.18 0.00	38.65 2.22 0.00	40.81 2.53 0.00	43.03 2.81 0.00	45.72 3.42 0.00	52.80 4.58 0.00	68.89 5.86 0.00	77.74 6.94 0.00	93.41 10.23 0.00	84.32 9.30 0.00	66.31 7.68 0.00	51.21 5.24 0.00	41.92 4.15 0.00
LAWRNCV_115KV_TB1 80681	31.61 -0.51 0.00	25.94 -0.58 0.00	23.10 -0.59 0.00	21.41 -0.48 0.00	21.47 -0.48 0.00	25.20 -0.44 0.00	32.56 -0.66 0.00	32.51 -0.80 0.00	29.72 -0.70 0.00	29.48 -0.69 0.00	31.17 -0.70 0.00	33.26 -0.71 0.00	35.59 -0.84 0.00	37.40 -0.88 0.00	39.21 -1.01 0.00	41.03 -1.27 0.00	46.67 -1.54 0.00	60.51 -2.52 0.00	68.46 -2.34 0.00	80.77 -2.41 0.00	73.52 -1.50 0.00	57.34 -1.29 0.00	45.14 -0.83 0.00	37.08 -0.68 0.00
LEDERLE____ 23769	33.99 1.86 0.00	30.96 1.67 -2.77	27.80 1.52 -2.59	25.94 1.34 -2.71	26.50 1.36 -3.18	29.76 1.64 -2.49	35.28 2.06 0.00	35.68 2.37 0.00	32.70 2.28 0.00	32.44 2.26 0.00	34.39 2.52 0.00	36.52 2.55 0.00	39.30 2.88 0.00	41.69 3.41 0.00	43.95 3.74 0.00	51.17 3.85 -5.02	59.05 4.39 -6.45	68.52 5.48 0.00	76.67 5.88 0.00	90.09 6.90 0.00	80.04 5.03 0.00	62.15 3.52 0.00	48.87 2.90 0.00	39.99 2.23 0.00
LIGHTHSE_115KV_TB6 355974	31.71 -0.42 0.00	26.40 -0.32 -0.19	23.57 -0.31 -0.18	21.82 -0.26 -0.19	21.92 -0.26 -0.22	25.53 -0.28 -0.17	32.99 -0.23 0.00	32.91 -0.40 0.00	29.99 -0.43 0.00	29.63 -0.54 0.00	31.23 -0.64 0.00	33.30 -0.68 0.00	35.66 -0.76 0.00	37.42 -0.96 -0.10	40.62 -0.97 -1.37	43.14 -1.02 -1.86	49.70 -1.01 -2.50	65.17 -1.13 -3.27	74.02 -0.78 -4.00	88.19 -0.08 -5.09	78.67 0.00 -3.66	59.60 -0.29 -1.26	46.29 -0.23 -0.55	37.46 -0.30 0.00
LINDEN COGEN____ 23786	34.08 1.96 0.00	31.12 1.75 -2.84	27.92 1.56 -2.66	26.07 1.40 -2.78	26.69 1.47 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.84 2.53 0.00	32.98 2.56 0.00	32.80 2.62 0.00	34.77 2.90 0.00	36.86 2.89 0.00	39.63 3.21 0.00	41.94 3.64 -0.02	44.33 4.10 -0.02	51.78 4.19 -5.29	59.58 4.58 -6.79	68.58 5.55 0.00	76.67 5.87 0.00	90.25 7.07 0.00	79.75 4.73 0.00	62.03 3.40 0.00	48.96 2.99 0.00	39.91 2.15 0.00
LINDHRST_69_KV_BK1 356055	39.17 3.15 -3.90	34.42 2.76 -5.13	28.85 2.49 -2.67	26.86 2.19 -2.78	29.75 2.28 -5.51	30.89 2.69 -2.56	38.87 3.42 -2.23	39.42 3.70 -2.41	33.92 3.50 0.00	33.63 3.44 -0.01	42.15 3.76 -6.51	43.83 3.74 -6.11	50.01 4.04 -9.54	52.68 4.56 -9.84	55.27 4.95 -10.11	57.61 4.99 -10.32	61.09 5.54 -7.33	76.03 7.12 -5.88	85.55 7.79 -6.97	92.35 9.15 -0.01	81.69 6.68 0.00	63.50 4.87 0.00	53.22 4.28 -2.97	44.55 3.47 -3.32
LIPA_MISC_IPP 23656	38.70 3.18 -3.40	34.15 2.79 -4.84	28.85 2.49 -2.67	26.86 2.19 -2.78	29.46 2.28 -5.22	30.92 2.72 -2.56	38.65 3.49 -1.94	39.11 3.70 -2.10	33.80 3.38 0.00	33.50 3.32 -0.01	41.15 3.60 -5.67	42.77 3.47 -5.32	48.49 3.75 -8.31	51.07 4.21 -8.57	53.56 4.54 -8.81	56.58 4.61 -9.67	60.63 5.16 -7.25	74.78 6.62 -5.13	84.09 7.22 -6.08	91.77 8.57 -0.02	81.17 6.15 0.00	63.03 4.40 0.00	52.51 3.95 -2.59	43.79 3.13 -2.89

LISF__SOLAR 323691	38.77 3.24 -3.40	34.20 2.84 -4.84	28.88 2.51 -2.67	26.91 2.23 -2.78	29.51 2.33 -5.22	30.97 2.77 -2.56	38.72 3.56 -1.94	39.14 3.73 -2.10	33.83 3.41 0.00	33.59 3.41 -0.01	41.15 3.60 -5.68	42.95 3.64 -5.33	48.54 3.79 -8.32	51.04 4.17 -8.59	53.66 4.62 -8.82	56.69 4.69 -9.70	60.81 5.30 -7.29	74.98 6.81 -5.14	84.31 7.43 -6.09	92.11 8.91 -0.02	81.47 6.45 0.00	63.26 4.63 0.00	52.65 4.09 -2.59	43.71 3.06 -2.89
LITTLE FALLS__HYD 24013	32.77 0.64 0.00	27.11 0.58 0.00	24.19 0.50 0.00	22.33 0.44 0.00	22.40 0.44 0.00	26.18 0.54 0.00	33.95 0.73 0.00	33.91 0.60 0.00	30.91 0.49 0.00	30.63 0.45 0.00	32.35 0.48 0.00	34.49 0.51 0.00	36.94 0.51 0.00	38.63 0.34 0.00	40.49 0.28 0.00	42.47 0.17 0.00	48.50 0.29 0.00	63.47 0.44 0.00	71.57 0.78 0.00	84.60 1.41 0.00	76.29 1.28 0.00	59.63 1.00 0.00	47.07 1.10 0.00	38.63 0.87 0.00
LITTLRIV_115KV_TB1 356100	31.90 -0.22 0.00	26.15 -0.37 0.00	23.27 -0.43 0.00	21.61 -0.28 0.00	21.65 -0.31 0.00	25.41 -0.23 0.00	32.86 -0.37 0.00	32.68 -0.63 0.00	29.81 -0.61 0.00	29.54 -0.63 0.00	31.23 -0.64 0.00	33.36 -0.61 0.00	35.66 -0.76 0.00	37.53 -0.77 -0.01	39.51 -0.88 -0.18	41.40 -1.14 -0.24	47.18 -1.35 -0.32	61.19 -2.21 -0.36	69.52 -1.77 -0.50	82.32 -1.50 -0.63	75.00 -0.45 -0.43	58.19 -0.53 -0.09	45.77 -0.23 -0.03	37.54 -0.23 0.00
LI_NEWBRDGE__DRP 323616	37.69 2.38 -3.19	33.36 2.12 -4.72	28.28 1.92 -2.67	26.36 1.69 -2.78	28.81 1.76 -5.10	30.27 2.08 -2.56	37.67 2.62 -1.82	38.18 2.90 -1.97	33.19 2.77 0.00	32.93 2.75 -0.01	40.19 3.00 -5.33	41.93 2.96 -5.00	47.40 3.17 -7.80	49.97 3.64 -8.05	52.38 3.90 -8.27	55.59 3.89 -9.40	59.68 4.24 -7.22	73.14 5.29 -4.81	82.23 5.73 -5.70	90.01 6.82 -0.01	79.67 4.65 0.00	61.97 3.34 0.00	51.48 3.08 -2.43	43.04 2.57 -2.71
LOCKPORT_115KV_TB60_63_64 80432	28.32 -3.79 0.02	23.75 -2.89 -0.11	21.34 -2.46 -0.11	19.66 -2.34 -0.11	19.76 -2.33 -0.13	22.64 -3.03 -0.02	26.24 -3.52 3.46	27.30 -3.06 2.95	25.78 -2.74 1.90	27.20 -2.96 0.02	28.32 -3.28 0.27	28.43 -3.23 2.32	29.56 -3.61 3.26	29.98 -3.87 4.44	31.90 -3.86 4.46	34.82 -4.15 3.33	35.34 -4.63 8.25	43.57 -5.74 13.73	53.43 -6.37 11.00	59.81 -7.82 15.56	55.71 -7.20 12.10	41.38 -5.92 11.33	34.76 -4.83 6.38	31.76 -3.78 2.23
LOCKPORT__CC1 323769	28.35 -3.76 0.02	23.79 -2.84 -0.10	21.37 -2.42 -0.10	19.69 -2.30 -0.10	19.77 -2.31 -0.11	22.67 -2.97 -0.01	26.01 -3.52 3.69	27.10 -3.06 3.15	25.66 -2.74 2.02	27.11 -3.05 0.02	28.33 -3.25 0.29	28.24 -3.26 2.47	29.34 -3.61 3.48	29.82 -3.75 4.71	31.62 -3.86 4.73	34.66 -4.10 3.54	34.89 -4.58 8.75	42.89 -5.67 14.47	52.77 -6.37 11.66	58.87 -7.82 16.49	55.10 -7.13 12.79	40.82 -5.92 11.89	34.44 -4.83 6.70	31.69 -3.70 2.37
LOCKPORT__CC2 323770	28.35 -3.76 0.02	23.79 -2.84 -0.10	21.37 -2.42 -0.10	19.69 -2.30 -0.10	19.77 -2.31 -0.11	22.67 -2.97 -0.01	26.01 -3.52 3.69	27.10 -3.06 3.15	25.66 -2.74 2.02	27.11 -3.05 0.02	28.33 -3.25 0.29	28.24 -3.26 2.47	29.34 -3.61 3.48	29.82 -3.75 4.71	31.62 -3.86 4.73	34.66 -4.10 3.54	34.89 -4.58 8.75	42.89 -5.67 14.47	52.77 -6.37 11.66	58.87 -7.82 16.49	55.10 -7.13 12.79	40.82 -5.92 11.89	34.44 -4.83 6.70	31.69 -3.70 2.37
LOCKPORT__CC3 323771	28.35 -3.76 0.02	23.79 -2.84 -0.10	21.37 -2.42 -0.10	19.69 -2.30 -0.10	19.77 -2.31 -0.11	22.67 -2.97 -0.01	26.01 -3.52 3.69	27.10 -3.06 3.15	25.66 -2.74 2.02	27.11 -3.05 0.02	28.33 -3.25 0.29	28.24 -3.26 2.47	29.34 -3.61 3.48	29.82 -3.75 4.71	31.62 -3.86 4.73	34.66 -4.10 3.54	34.89 -4.58 8.75	42.89 -5.67 14.47	52.77 -6.37 11.66	58.87 -7.82 16.49	55.10 -7.13 12.79	40.82 -5.92 11.89	34.44 -4.83 6.70	31.69 -3.70 2.37
LOCUSVLY_69_KV_BK2 55797	39.64 2.60 -4.91	34.56 2.31 -5.73	28.45 2.09 -2.68	26.51 1.84 -2.78	29.96 1.91 -6.09	30.46 2.26 -2.56	38.89 2.86 -2.81	39.51 3.16 -3.03	33.46 3.04 0.00	33.21 3.02 -0.01	43.39 3.31 -8.21	45.01 3.33 -7.70	52.05 3.61 -12.02	54.82 4.13 -12.40	57.42 4.46 -12.74	58.42 4.48 -11.64	60.66 4.97 -7.48	76.55 6.11 -7.41	86.16 6.58 -8.78	91.02 7.82 -0.01	80.49 5.48 0.00	62.74 4.10 0.00	53.30 3.59 -3.75	44.85 2.91 -4.18
LONG_LAKE_PHOENIX 24014	31.29 -0.84 0.00	26.10 -0.64 -0.21	23.35 -0.54 -0.20	21.60 -0.50 -0.21	21.70 -0.51 -0.24	25.21 -0.62 -0.19	32.46 -0.76 0.00	32.51 -0.80 0.00	29.69 -0.73 0.00	29.39 -0.78 0.00	30.98 -0.89 0.00	33.06 -0.92 0.00	35.41 -1.02 0.00	37.21 -1.23 -0.15	41.03 -1.25 -2.06	43.83 -1.27 -2.80	50.57 -1.45 -3.80	66.79 -1.76 -5.52	75.28 -1.77 -6.26	89.35 -1.83 -7.99	79.24 -1.73 -5.95	59.82 -1.47 -2.65	46.12 -1.15 -1.30	36.78 -0.98 0.00
LOVETT__3 23632	33.89 1.77 0.00	30.90 1.59 -2.78	27.74 1.45 -2.61	25.88 1.27 -2.72	26.44 1.30 -3.19	29.70 1.56 -2.50	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.54 3.25 0.00	43.75 3.54 0.00	50.95 3.60 -5.06	58.77 4.05 -6.50	68.01 4.98 0.00	76.11 5.31 0.00	89.51 6.32 0.00	79.44 4.43 0.00	61.74 3.11 0.00	48.59 2.62 0.00	39.80 2.04 0.00
LOVETT__4 23642	33.89 1.77 0.00	30.90 1.59 -2.78	27.74 1.45 -2.61	25.88 1.27 -2.72	26.44 1.30 -3.19	29.70 1.56 -2.50	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.54 3.25 0.00	43.75 3.54 0.00	50.95 3.60 -5.06	58.77 4.05 -6.50	68.01 4.98 0.00	76.11 5.31 0.00	89.51 6.32 0.00	79.44 4.43 0.00	61.74 3.11 0.00	48.59 2.62 0.00	39.80 2.04 0.00
LOVETT__5 23593	33.89 1.77 0.00	30.90 1.59 -2.78	27.74 1.45 -2.61	25.88 1.27 -2.72	26.44 1.30 -3.19	29.70 1.56 -2.50	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.42 2.45 0.00	39.16 2.73 0.00	41.54 3.25 0.00	43.75 3.54 0.00	50.95 3.60 -5.06	58.77 4.05 -6.50	68.01 4.98 0.00	76.11 5.31 0.00	89.51 6.32 0.00	79.44 4.43 0.00	61.74 3.11 0.00	48.59 2.62 0.00	39.80 2.04 0.00
LOWER RAQUET__HYD 24057	31.48 -0.64 0.00	25.86 -0.66 0.00	23.01 -0.69 0.00	21.34 -0.55 0.00	21.39 -0.57 0.00	25.13 -0.51 0.00	32.46 -0.76 0.00	32.38 -0.93 0.00	29.60 -0.82 0.00	29.33 -0.84 0.00	31.04 -0.83 0.00	33.13 -0.85 0.00	35.41 -1.02 0.00	37.22 -1.07 -0.01	39.20 -1.21 -0.19	41.04 -1.52 -0.26	46.68 -1.88 -0.35	60.47 -2.96 -0.40	68.57 -2.76 -0.54	81.04 -2.83 -0.68	73.29 -1.72 0.00	57.11 -1.52 0.00	45.00 -0.97 0.00	36.97 -0.79 0.00
LOWER__HUDSON 24059	33.51 1.38 0.00	31.31 1.25 -3.54	28.15 1.14 -3.32	26.41 1.05 -3.47	27.07 1.05 -4.06	30.02 1.21 -3.18	34.85 1.63 0.00	34.85 1.53 0.00	31.45 1.03 0.00	31.08 0.90 0.00	32.73 0.86 0.00	34.93 0.95 0.00	37.44 1.02 0.00	39.47 1.19 0.00	41.62 1.41 0.00	43.90 1.61 0.00	50.05 1.83 0.00	65.49 2.46 0.00	73.42 2.62 0.00	86.52 3.33 0.00	78.02 3.00 0.00	60.98 2.35 0.00	47.81 1.84 0.00	39.23 1.47 0.00

LOWVILLE_115KV_TB2 356335	31.68 -0.45 0.00	26.17 -0.45 -0.09	23.28 -0.50 -0.09	21.63 -0.35 -0.09	21.76 -0.31 -0.11	25.59 -0.13 -0.08	33.22 0.00 0.00	33.08 -0.23 0.00	30.21 -0.21 0.00	29.81 -0.36 0.00	31.42 -0.45 0.00	33.40 -0.58 0.00	35.66 -0.76 0.00	37.47 -0.84 -0.03	39.75 -0.88 -0.42	41.77 -1.10 -0.57	48.05 -0.92 -0.75	62.82 -1.07 -0.86	71.69 -0.28 -1.17	85.75 1.08 -1.49	77.24 1.20 -1.02	59.37 0.53 -0.21	46.40 0.37 -0.06	37.84 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.80 1.67 0.00	31.60 1.49 -3.59	28.38 1.33 -3.36	26.63 1.23 -3.51	27.31 1.23 -4.12	30.30 1.44 -3.22	35.12 1.89 0.00	35.01 1.70 0.00	31.61 1.19 0.00	31.17 1.00 0.00	32.83 0.96 0.00	35.17 1.19 0.00	37.66 1.24 0.00	39.74 1.45 0.00	41.82 1.61 0.00	44.20 1.90 0.00	50.58 2.36 0.00	66.12 3.09 0.00	74.26 3.47 0.00	88.01 4.82 0.00	79.29 4.28 0.00	62.09 3.46 0.00	48.50 2.53 0.00	39.84 2.08 0.00
LUTHERNY_35_KV_BK2 355980	33.80 1.67 0.00	31.60 1.49 -3.59	28.41 1.35 -3.36	26.65 1.25 -3.51	27.31 1.23 -4.12	30.32 1.46 -3.22	35.15 1.93 0.00	35.01 1.70 0.00	31.64 1.22 0.00	31.17 1.00 0.00	32.83 0.96 0.00	35.17 1.19 0.00	37.66 1.24 0.00	39.77 1.49 0.00	41.86 1.65 0.00	44.20 1.90 0.00	50.63 2.41 0.00	66.18 3.15 0.00	74.34 3.54 0.00	88.09 4.91 0.00	79.37 4.35 0.00	62.15 3.52 0.00	48.54 2.57 0.00	39.88 2.11 0.00
LWR__OSWEGATCHIE_HYD 23850	31.55 -0.58 0.00	26.01 -0.58 -0.07	23.14 -0.62 -0.07	21.48 -0.48 -0.07	21.58 -0.46 -0.08	25.32 -0.38 -0.06	32.79 -0.43 0.00	32.65 -0.67 0.00	29.78 -0.64 0.00	29.45 -0.72 0.00	31.10 -0.76 0.00	33.16 -0.82 0.00	35.41 -1.02 0.00	37.24 -1.07 -0.03	39.37 -1.21 -0.36	41.27 -1.52 -0.49	47.28 -1.59 -0.66	61.51 -2.27 -0.75	70.05 -1.77 -1.02	83.48 -1.00 -1.29	75.53 -0.38 -0.89	58.17 -0.64 -0.18	45.70 -0.32 -0.05	37.39 -0.38 0.00
LYONS_FALL_HYD 23570	32.00 -0.13 0.00	26.48 -0.13 -0.09	23.59 -0.19 -0.08	21.87 -0.11 -0.09	21.97 -0.09 -0.10	25.77 0.05 -0.08	33.42 0.20 0.00	33.35 0.03 0.00	30.39 -0.03 0.00	30.03 -0.15 0.00	31.65 -0.22 0.00	33.70 -0.27 0.00	36.06 -0.36 0.00	37.92 -0.38 -0.02	40.12 -0.40 -0.31	42.17 -0.55 -0.42	48.44 -0.34 -0.56	63.35 -0.31 -0.64	72.02 0.36 -0.87	85.78 1.50 -1.10	77.17 1.42 -0.74	59.54 0.76 -0.15	46.61 0.60 -0.04	38.06 0.30 0.00
MADISON__COUNTY_LFGE 323628	32.57 0.45 0.00	27.05 0.37 -0.15	24.12 0.28 -0.14	22.33 0.28 -0.15	22.42 0.29 -0.18	26.19 0.41 -0.14	33.82 0.60 0.00	33.81 0.50 0.00	30.78 0.37 0.00	30.39 0.21 0.00	32.06 0.19 0.00	34.21 0.24 0.00	36.68 0.25 0.00	38.58 0.27 -0.03	40.88 0.32 -0.35	43.02 0.25 -0.47	49.35 0.53 -0.60	64.26 0.88 -0.34	73.05 1.42 -0.83	86.72 2.50 -1.04	77.69 2.10 -0.57	59.74 1.41 0.30	46.78 1.06 0.24	38.52 0.76 0.00
MALONE__115KV_TB1 356076	31.90 -0.22 0.00	26.18 -0.34 0.00	23.31 -0.38 0.00	21.61 -0.28 0.00	21.67 -0.29 0.00	25.43 -0.21 0.00	32.86 -0.37 0.00	32.88 -0.43 0.00	30.12 -0.30 0.00	29.90 -0.27 0.00	31.65 -0.22 0.00	33.81 -0.17 0.00	36.17 -0.25 0.00	37.98 -0.31 0.00	39.81 -0.40 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.28 -0.76 0.00	70.30 -0.50 0.00	82.52 -0.67 0.00	74.79 -0.23 0.00	58.10 -0.53 0.00	45.56 -0.41 0.00	37.46 -0.30 0.00
MAPLEWOD_115KV_TB3 80458	33.41 1.28 0.00	31.21 1.17 -3.51	28.03 1.04 -3.29	26.32 0.99 -3.44	26.96 0.97 -4.03	29.90 1.10 -3.16	34.72 1.49 0.00	34.71 1.40 0.00	31.33 0.91 0.00	30.93 0.75 0.00	32.60 0.73 0.00	34.86 0.88 0.00	37.37 0.95 0.00	39.47 1.19 0.00	41.54 1.33 0.00	43.78 1.48 0.00	49.81 1.59 0.00	65.11 2.08 0.00	72.99 2.19 0.00	86.10 2.91 0.00	77.57 2.55 0.00	60.57 1.93 0.00	47.44 1.47 0.00	39.05 1.28 0.00
MAPLE_RIDGE_WT_1 323574	31.58 -0.55 0.00	26.05 -0.48 0.00	23.27 -0.43 0.00	21.52 -0.37 0.00	21.61 -0.35 0.00	25.25 -0.38 0.00	32.72 -0.50 0.00	32.88 -0.43 0.00	30.15 -0.27 0.00	29.93 -0.24 0.00	31.65 -0.22 0.00	33.70 -0.27 0.00	36.06 -0.36 0.00	37.90 -0.38 0.00	39.77 -0.44 0.00	41.79 -0.51 0.00	47.64 -0.58 0.00	62.28 -0.75 0.00	70.02 -0.78 0.00	82.19 -0.99 0.00	73.97 -1.05 0.00	57.69 -0.94 0.00	45.14 -0.83 0.00	37.08 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	31.58 -0.55 0.00	26.05 -0.48 0.00	23.27 -0.43 0.00	21.52 -0.37 0.00	21.61 -0.35 0.00	25.25 -0.38 0.00	32.72 -0.50 0.00	32.88 -0.43 0.00	30.15 -0.27 0.00	29.93 -0.24 0.00	31.65 -0.22 0.00	33.70 -0.27 0.00	36.06 -0.36 0.00	37.90 -0.38 0.00	39.77 -0.44 0.00	41.79 -0.51 0.00	47.64 -0.58 0.00	62.28 -0.75 0.00	70.02 -0.78 0.00	82.19 -0.99 0.00	73.97 -1.05 0.00	57.69 -0.94 0.00	45.14 -0.83 0.00	37.08 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	31.71 -0.42 0.00	26.10 -0.43 0.00	23.29 -0.40 0.00	21.54 -0.35 0.00	21.61 -0.35 0.00	25.28 -0.36 0.00	32.66 -0.56 0.00	32.75 -0.57 0.00	30.02 -0.40 0.00	29.84 -0.33 0.00	31.58 -0.29 0.00	33.67 -0.31 0.00	36.03 -0.40 0.00	37.82 -0.46 0.00	39.69 -0.52 0.00	41.83 -0.46 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.02 -0.78 0.00	81.94 -1.25 0.00	74.04 -0.98 0.00	57.75 -0.88 0.00	45.23 -0.74 0.00	37.16 -0.61 0.00
MARSHVLE_115KV_TB1 80742	33.76 1.64 0.00	31.94 1.43 -3.99	28.71 1.28 -3.74	26.95 1.16 -3.90	27.72 1.19 -4.58	30.65 1.44 -3.58	34.85 1.63 0.00	34.21 0.90 0.00	30.88 0.46 0.00	30.36 0.18 0.00	31.97 0.10 0.00	34.21 0.24 0.00	36.64 0.22 0.00	38.70 0.42 0.00	40.66 0.44 0.00	42.93 0.63 0.00	49.42 1.21 0.00	64.73 1.70 0.00	73.56 2.76 0.00	88.51 5.32 0.00	80.27 5.25 0.00	62.62 3.99 0.00	48.96 2.99 0.00	40.03 2.27 0.00
MARSH_HILL_WT_PWR 323713	31.00 -1.22 -0.10	27.44 -0.98 -1.90	24.54 -0.92 -1.77	22.85 -0.90 -1.86	23.25 -0.90 -2.19	27.01 -0.74 -2.12	50.91 -0.80 -18.49	48.39 -0.70 -15.78	39.83 -0.70 -10.11	29.13 -1.15 -0.10	32.15 -1.12 -1.39	45.25 -1.12 -12.39	52.63 -1.24 -17.44	60.54 -1.19 -23.45	62.85 -1.21 -23.84	59.01 -1.44 -18.15	90.46 -1.35 -43.60	124.90 -1.26 -63.13	125.91 -0.85 -55.96	162.11 -0.08 -79.01	133.12 0.08 -58.03	105.61 -0.18 -47.15	71.40 -0.55 -25.98	49.31 -0.34 -11.88
MCINTYRE_115KV_TB2 80467	32.16 0.03 0.00	26.37 -0.16 0.00	23.46 -0.24 0.00	21.76 -0.13 0.00	21.80 -0.15 0.00	25.61 -0.03 0.00	33.06 -0.17 0.00	32.88 -0.43 0.00	29.96 -0.46 0.00	29.69 -0.48 0.00	31.42 -0.45 0.00	33.53 -0.44 0.00	35.88 -0.55 0.00	37.75 -0.54 0.00	39.57 -0.64 0.00	41.54 -0.76 0.00	47.35 -0.87 0.00	61.46 -1.58 0.00	69.80 -0.99 0.00	82.60 -0.58 0.00	75.32 0.30 0.00	58.69 0.06 0.00	46.15 0.18 0.00	37.91 0.15 0.00
MECO____69_KV_BK1 80468	34.12 1.99 0.00	32.09 1.72 -3.84	28.85 1.56 -3.60	27.07 1.42 -3.76	27.81 1.45 -4.41	30.83 1.74 -3.45	35.28 2.06 0.00	34.64 1.33 0.00	31.12 0.70 0.00	30.51 0.33 0.00	32.06 0.19 0.00	34.35 0.37 0.00	36.79 0.36 0.00	38.86 0.57 0.00	40.90 0.68 0.00	43.27 0.97 0.00	49.90 1.69 0.00	65.49 2.46 0.00	74.69 3.89 0.00	89.84 6.65 0.00	81.39 6.38 0.00	63.56 4.93 0.00	49.51 3.54 0.00	40.44 2.68 0.00

MENANDS__115KV_TB5 355628	33.28 1.16 0.00	31.09 1.06 -3.51	27.93 0.95 -3.29	26.24 0.92 -3.43	26.88 0.90 -4.03	29.81 1.03 -3.15	34.62 1.40 0.00	34.61 1.30 0.00	31.21 0.79 0.00	30.84 0.66 0.00	32.51 0.64 0.00	34.72 0.75 0.00	37.23 0.80 0.00	39.32 1.03 0.00	41.38 1.17 0.00	43.61 1.31 0.00	49.52 1.30 0.00	64.80 1.76 0.00	72.57 1.77 0.00	85.51 2.33 0.00	76.97 1.95 0.00	60.10 1.47 0.00	47.16 1.20 0.00	38.82 1.06 0.00
MG INDUSTRY__DRP 24185	33.22 1.09 0.00	30.88 0.93 -3.43	27.76 0.85 -3.21	26.04 0.79 -3.36	26.68 0.79 -3.94	29.62 0.90 -3.08	34.42 1.20 0.00	34.38 1.07 0.00	31.09 0.67 0.00	30.69 0.51 0.00	32.38 0.51 0.00	34.55 0.58 0.00	37.08 0.66 0.00	39.12 0.84 0.00	41.14 0.92 0.00	43.31 1.02 0.00	49.18 0.96 0.00	64.17 1.13 0.00	72.14 1.35 0.00	85.18 2.00 0.00	76.74 1.73 0.00	59.98 1.35 0.00	47.03 1.06 0.00	38.71 0.94 0.00
MID__OSWEGATCHIE_HYD 23849	31.55 -0.58 0.00	26.01 -0.58 -0.07	23.14 -0.62 -0.07	21.48 -0.48 -0.07	21.58 -0.46 -0.08	25.32 -0.38 -0.06	32.79 -0.43 0.00	32.65 -0.67 0.00	29.78 -0.64 0.00	29.45 -0.72 0.00	31.10 -0.76 0.00	33.16 -0.82 0.00	35.41 -1.02 0.00	37.24 -1.07 -0.03	39.37 -1.21 -0.36	41.27 -1.52 -0.49	47.28 -1.59 -0.66	61.51 -2.27 -0.75	70.05 -1.77 -1.02	83.48 -1.00 -1.29	75.53 -0.38 -0.89	58.17 -0.64 -0.18	45.70 -0.32 -0.05	37.39 -0.38 0.00
MID__RAQUETTE_HYD 23851	31.48 -0.64 0.00	25.86 -0.66 0.00	23.01 -0.69 0.00	21.34 -0.55 0.00	21.39 -0.57 0.00	25.13 -0.51 0.00	32.46 -0.76 0.00	32.38 -0.93 0.00	29.60 -0.82 0.00	29.33 -0.84 0.00	31.04 -0.83 0.00	33.13 -0.85 0.00	35.41 -1.02 0.00	37.22 -1.07 -0.01	39.20 -1.21 -0.19	41.04 -1.52 -0.26	46.68 -1.88 -0.35	60.47 -2.96 -0.40	68.57 -2.76 -0.54	81.04 -2.83 -0.68	73.76 -1.73 -0.47	57.20 -1.52 -0.10	45.03 -0.97 -0.03	36.97 -0.79 0.00
MILLIKEN__1 23584	32.33 0.19 -0.01	27.37 0.19 -0.66	24.45 0.14 -0.62	22.67 0.13 -0.64	22.82 0.11 -0.76	26.52 0.26 -0.63	35.18 0.40 -1.56	35.38 0.73 -1.33	32.05 0.55 -1.08	30.46 0.27 -0.01	32.24 0.22 -0.15	35.61 0.31 -1.32	38.58 0.29 -1.87	41.17 0.31 -2.58	43.81 0.40 -3.19	45.47 0.04 -3.13	54.74 0.29 -6.23	70.49 0.82 -6.64	78.80 1.27 -6.73	94.46 2.08 -9.20	83.34 1.80 -6.53	63.88 1.23 -4.01	48.82 0.78 -2.07	39.33 0.57 -1.00
MILLIKEN__2 23585	32.33 0.19 -0.01	27.37 0.19 -0.66	24.45 0.14 -0.62	22.67 0.13 -0.64	22.82 0.11 -0.76	26.52 0.26 -0.63	35.18 0.40 -1.56	35.38 0.73 -1.33	32.05 0.55 -1.08	30.46 0.27 -0.01	32.24 0.22 -0.15	35.61 0.31 -1.32	38.58 0.29 -1.87	41.17 0.31 -2.58	43.81 0.40 -3.19	45.47 0.04 -3.13	54.74 0.29 -6.23	70.49 0.82 -6.64	78.80 1.27 -6.73	94.46 2.08 -9.20	83.34 1.80 -6.53	63.88 1.23 -4.01	48.82 0.78 -2.07	39.33 0.57 -1.00
MILLIKEN__DIESEL 23629	32.33 0.19 -0.01	27.37 0.19 -0.66	24.45 0.14 -0.62	22.67 0.13 -0.64	22.82 0.11 -0.76	26.52 0.26 -0.63	35.18 0.40 -1.56	35.38 0.73 -1.33	32.05 0.55 -1.08	30.46 0.27 -0.01	32.24 0.22 -0.15	35.61 0.31 -1.32	38.58 0.29 -1.87	41.17 0.31 -2.58	43.81 0.40 -3.19	45.47 0.04 -3.13	54.74 0.29 -6.23	70.49 0.82 -6.64	78.80 1.27 -6.73	94.46 2.08 -9.20	83.34 1.80 -6.53	63.88 1.23 -4.01	48.82 0.78 -2.07	39.33 0.57 -1.00
MILLSEAT__LFGE 323607	28.99 -3.12 0.02	24.36 -2.31 -0.14	21.91 -1.92 -0.13	20.17 -1.86 -0.14	20.27 -1.84 -0.16	23.21 -2.49 -0.05	27.40 -2.82 2.99	28.39 -2.36 2.56	26.62 -2.16 1.64	27.66 -2.50 0.02	28.93 -2.71 0.23	29.28 -2.68 2.01	30.65 -2.95 2.83	31.32 -3.10 3.86	33.12 -3.22 3.88	36.05 -3.34 2.90	37.36 -3.67 7.19	46.50 -4.35 12.19	56.61 -4.53 9.66	64.03 -5.49 13.66	59.21 -5.10 10.70	44.06 -4.40 10.17	36.52 -3.72 5.73	32.96 -2.87 1.93
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.99 1.86 0.00	31.05 1.70 -2.83	27.88 1.54 -2.65	26.02 1.36 -2.77	26.59 1.38 -3.25	29.84 1.67 -2.54	35.31 2.09 0.00	35.68 2.37 0.00	32.73 2.31 0.00	32.44 2.26 0.00	34.42 2.55 0.00	36.52 2.55 0.00	39.27 2.84 0.00	41.65 3.37 0.00	43.87 3.66 0.00	51.23 3.72 -5.21	59.11 4.19 -6.70	68.26 5.23 0.00	76.39 5.59 0.00	89.76 6.57 0.00	79.67 4.65 0.00	61.91 3.28 0.00	48.73 2.76 0.00	39.92 2.15 0.00
MILLWOOD_13_KV_LOAD 356217	34.05 1.93 0.00	31.10 1.75 -2.83	27.93 1.59 -2.65	26.06 1.40 -2.77	26.63 1.43 -3.25	29.90 1.72 -2.54	35.38 2.16 0.00	35.74 2.43 0.00	32.76 2.34 0.00	32.50 2.32 0.00	34.48 2.61 0.00	36.59 2.62 0.00	39.34 2.91 0.00	41.73 3.45 0.00	43.95 3.74 0.00	51.36 3.85 -5.21	59.31 4.39 -6.70	68.45 5.42 0.00	76.60 5.81 0.00	90.09 6.90 0.00	79.97 4.95 0.00	62.09 3.46 0.00	48.87 2.90 0.00	39.99 2.23 0.00
MODEL_CITY_ENERGY 24167	27.99 -4.11 0.02	23.50 -3.13 -0.11	21.14 -2.65 -0.10	19.48 -2.52 -0.11	19.57 -2.50 -0.12	22.39 -3.26 -0.01	25.81 -3.79 3.62	26.89 -3.33 3.09	25.45 -2.98 1.99	26.69 -3.47 0.02	27.98 -3.60 0.28	28.01 -3.53 2.43	29.07 -3.93 3.42	29.46 -4.10 4.73	31.16 -4.30 4.75	34.18 -4.57 3.55	34.29 -5.16 8.77	42.12 -6.43 14.49	51.87 -7.29 11.64	57.83 -8.90 16.46	54.08 -8.17 12.76	40.11 -6.63 11.90	34.03 -5.33 6.61	31.39 -4.04 2.33
MODERN_LFGE__ 323580	27.99 -4.11 0.02	23.50 -3.13 -0.11	21.14 -2.65 -0.10	19.48 -2.52 -0.11	19.57 -2.50 -0.12	22.39 -3.26 -0.01	25.81 -3.79 3.62	26.89 -3.33 3.09	25.45 -2.98 1.99	26.69 -3.47 0.02	27.98 -3.60 0.28	28.01 -3.53 2.43	29.07 -3.93 3.42	29.46 -4.10 4.73	31.16 -4.30 4.75	34.18 -4.57 3.55	34.29 -5.16 8.77	42.12 -6.43 14.49	51.87 -7.29 11.64	57.83 -8.90 16.46	54.08 -8.17 12.76	40.11 -6.63 11.90	34.03 -5.33 6.61	31.39 -4.04 2.33
MOHAWK_PAPER__DRP 24187	33.41 1.28 0.00	31.21 1.17 -3.51	28.03 1.04 -3.29	26.32 0.99 -3.44	26.96 0.97 -4.03	29.90 1.10 -3.16	34.72 1.49 0.00	34.71 1.40 0.00	31.33 0.91 0.00	30.93 0.75 0.00	32.60 0.73 0.00	34.86 0.88 0.00	37.37 0.95 0.00	39.47 1.19 0.00	41.54 1.33 0.00	43.78 1.48 0.00	49.81 1.59 0.00	65.11 2.08 0.00	72.99 2.19 0.00	86.10 2.91 0.00	77.57 2.55 0.00	60.57 1.93 0.00	47.44 1.47 0.00	39.05 1.28 0.00
MOHICAN__35_KV_115KV_LD 80490	34.18 2.06 0.00	31.92 1.80 -3.59	28.67 1.61 -3.36	26.89 1.49 -3.52	27.57 1.49 -4.12	30.63 1.77 -3.22	35.58 2.36 0.00	35.34 2.03 0.00	31.85 1.43 0.00	31.35 1.18 0.00	32.99 1.12 0.00	35.44 1.46 0.00	37.96 1.53 0.00	40.08 1.80 0.00	42.18 1.97 0.00	44.67 2.37 0.00	51.30 3.09 0.00	67.00 3.97 0.00	75.11 4.32 0.00	89.42 6.24 0.00	80.57 5.55 0.00	63.26 4.63 0.00	49.23 3.26 0.00	40.48 2.72 0.00
MONGAUP__HYD 23641	34.24 2.12 0.00	31.08 1.83 -2.73	27.84 1.59 -2.55	26.00 1.44 -2.67	26.51 1.43 -3.13	29.80 1.72 -2.45	35.45 2.23 0.00	35.61 2.30 0.00	32.58 2.16 0.00	32.26 2.08 0.00	34.10 2.23 0.00	36.29 2.31 0.00	39.08 2.66 0.00	41.42 3.14 0.00	43.91 3.70 0.00	51.13 3.93 -4.90	59.29 4.77 -6.30	67.76 4.73 0.00	76.17 5.38 0.00	89.84 6.66 0.00	80.19 5.17 0.00	62.21 3.58 0.00	48.68 2.71 0.00	39.73 1.96 0.00

MONTAUK___DIESEL 23721	39.35 3.82 -3.40	34.68 3.32 -4.84	29.28 2.91 -2.67	27.17 2.50 -2.78	29.81 2.63 -5.22	31.35 3.15 -2.56	39.22 4.05 -1.94	39.74 4.33 -2.10	34.34 3.92 0.00	34.05 3.86 -0.01	41.66 4.11 -5.68	43.28 3.98 -5.33	49.00 4.26 -8.31	51.41 4.56 -8.58	53.81 4.79 -8.81	56.92 4.95 -9.67	61.11 5.64 -7.25	75.35 7.19 -5.13	84.66 7.79 -6.08	92.27 9.07 -0.02	81.32 6.30 0.00	63.09 4.46 0.00	52.38 3.82 -2.59	43.52 2.87 -2.89
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.63 -2.47 0.02	24.53 -2.10 -0.10	21.91 -1.87 -0.09	20.26 -1.73 -0.10	20.31 -1.76 -0.11	24.06 -1.56 0.02	26.90 -1.83 4.50	28.11 -1.37 3.84	26.83 -1.13 2.46	28.82 -1.33 0.03	30.18 -1.34 0.35	29.60 -1.36 3.02	30.70 -1.49 4.24	32.16 -1.45 4.66	34.25 -1.29 4.68	37.22 -1.57 3.51	37.90 -1.64 8.67	46.85 -1.76 14.41	57.27 -1.91 11.61	64.26 -2.50 16.43	59.77 -2.48 12.77	44.51 -2.23 11.89	36.06 -2.16 7.75	33.02 -1.85 2.90
MORRIS_RIDGE___SOLAR 323848	30.26 -1.77 0.10	24.24 -1.43 0.85	21.62 -1.28 0.79	19.83 -1.23 0.83	19.74 -1.23 0.99	23.25 -1.20 1.18	13.46 -1.43 18.34	16.33 -1.33 15.65	19.10 -1.31 10.01	28.38 -1.69 0.10	28.73 -1.75 1.39	19.91 -1.80 12.26	17.20 -1.97 17.26	13.70 -1.99 22.59	15.70 -2.01 22.50	23.23 -2.28 16.78	4.61 -2.36 41.25	-1.91 -2.64 62.30	14.91 -2.48 53.41	5.32 -2.24 75.62	16.62 -1.95 56.45	8.60 -1.70 48.33	16.84 -1.65 27.48	24.73 -1.25 11.79
MORTIMER_115KV_TB3 55949	30.10 -2.02 0.00	25.40 -1.38 -0.25	22.84 -1.09 -0.24	21.04 -1.09 -0.25	21.17 -1.08 -0.29	24.13 -1.72 -0.21	30.42 -2.03 0.78	30.88 -1.77 0.66	28.37 -1.61 0.43	28.81 -1.36 0.00	29.93 -1.88 0.06	31.51 -1.94 0.53	33.60 -2.08 0.75	34.99 -2.30 1.00	36.92 -2.29 1.00	39.17 -2.37 0.75	43.70 -2.56 1.96	55.54 -2.96 4.53	64.88 -2.90 3.01	75.51 -3.41 4.26	67.85 -3.38 3.79	51.24 -2.99 4.40	40.75 -2.62 2.60	35.07 -2.19 0.50
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.18 2.06 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.04 2.62 0.00	32.77 2.60 0.00	34.77 2.90 0.00	36.90 2.92 0.00	39.67 3.24 0.00	42.09 3.79 -0.02	44.33 4.10 -0.02	51.76 4.19 -5.27	59.65 4.68 -6.76	68.77 5.74 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
MUNSVILLE_WIND_PWR 323609	33.54 1.41 -0.01	28.60 1.14 -0.93	25.49 0.92 -0.87	23.70 0.90 -0.91	23.88 0.86 -1.07	27.70 1.21 -0.86	36.03 1.73 -1.08	35.73 1.50 -0.92	32.12 1.09 -0.61	30.88 0.69 -0.01	32.59 0.64 -0.08	35.57 0.85 -0.75	38.39 0.91 -1.05	40.82 1.07 -1.47	43.25 1.17 -1.87	45.22 1.01 -1.91	53.71 1.79 -3.71	70.50 3.03 -4.44	79.88 4.53 -4.55	96.32 6.90 -6.23	85.42 6.00 -4.40	65.59 4.28 -2.68	50.46 3.13 -1.36	40.80 2.34 -0.69
N SALMON___HYD 24042	31.90 -0.22 0.00	26.18 -0.35 0.00	23.31 -0.38 0.00	21.61 -0.29 0.00	21.67 -0.29 0.00	25.43 -0.21 0.00	32.86 -0.36 0.00	32.88 -0.43 0.00	30.12 -0.30 0.00	29.90 -0.27 0.00	31.65 -0.22 0.00	33.81 -0.17 0.00	36.17 -0.25 0.00	37.97 -0.31 0.00	39.81 -0.40 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.28 -0.75 0.00	70.30 -0.49 0.00	82.52 -0.67 0.00	74.79 -0.22 0.00	58.10 -0.53 0.00	45.56 -0.41 0.00	37.46 -0.30 0.00
N.AKRON__115KV_KNAPP 355671	28.96 -3.15 0.02	24.32 -2.33 -0.13	21.83 -1.99 -0.13	20.12 -1.90 -0.13	20.22 -1.89 -0.15	23.15 -2.54 -0.05	27.27 -2.86 3.10	28.24 -2.43 2.65	26.53 -2.19 1.70	27.81 -2.35 0.02	28.89 -2.74 0.24	29.21 -2.68 2.08	30.51 -2.99 2.93	31.07 -3.22 3.99	32.99 -3.22 4.01	35.87 -3.43 3.00	37.07 -3.71 7.43	46.02 -4.48 12.53	56.16 -4.67 9.96	63.44 -5.66 14.09	58.75 -5.25 11.02	43.69 -4.51 10.43	36.28 -3.82 5.87	32.75 -3.02 1.99
N.BELMOR_69_KV_BK1 55787	39.38 2.63 -4.62	34.42 2.33 -5.56	28.45 2.09 -2.67	26.53 1.86 -2.78	29.80 1.91 -5.93	30.48 2.28 -2.56	38.72 2.86 -2.64	39.33 3.16 -2.85	33.43 3.01 0.00	33.18 2.99 -0.01	42.88 3.28 -7.73	44.49 3.26 -7.25	51.27 3.53 -11.31	53.97 4.02 -11.67	56.51 4.30 -11.99	57.92 4.36 -11.26	60.47 4.82 -7.43	76.12 6.11 -6.97	85.64 6.58 -8.26	91.02 7.82 -0.01	80.57 5.55 0.00	62.62 3.99 0.00	53.08 3.59 -3.53	44.60 2.91 -3.93
N.E._GEN_SANDY PD 24062	33.64 1.51 0.00	31.20 1.40 -3.27	28.01 1.25 -3.06	27.10 1.16 -4.05	27.60 1.16 -4.48	29.90 1.33 -2.93	36.66 1.79 -1.65	35.11 1.80 0.00	31.79 1.37 0.00	31.47 1.30 0.00	33.18 1.31 0.00	35.30 1.32 0.00	37.92 1.49 0.00	39.93 1.64 0.00	42.14 1.93 0.00	46.41 2.07 -2.04	53.10 2.27 -2.62	66.06 3.03 0.00	74.62 3.11 -0.71	85.68 3.66 1.16	78.47 3.00 -0.45	60.86 2.23 0.00	47.90 1.93 0.00	39.28 1.51 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.92 1.80 0.00	30.92 1.62 -2.77	27.76 1.47 -2.60	25.90 1.29 -2.71	26.46 1.32 -3.18	29.72 1.59 -2.49	35.22 1.99 0.00	35.58 2.27 0.00	32.64 2.22 0.00	32.35 2.17 0.00	34.32 2.45 0.00	36.42 2.45 0.00	39.19 2.77 0.00	41.57 3.29 0.00	43.83 3.62 0.00	51.01 3.68 -5.03	58.88 4.19 -6.47	68.26 5.23 0.00	76.39 5.59 0.00	89.76 6.57 0.00	79.67 4.65 0.00	61.91 3.28 0.00	48.68 2.71 0.00	39.88 2.11 0.00
N.QUEENS_27_KV_LOAD 356247	34.21 2.09 0.01	31.34 1.96 -2.85	28.14 1.78 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.35 2.13 0.00	35.81 2.50 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.92 3.06 0.01	36.92 2.96 0.01	39.73 3.31 0.01	42.23 3.94 -0.01	44.57 4.34 -0.02	51.93 4.36 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.39 5.59 0.00	89.92 6.74 0.00	79.29 4.28 0.00	61.86 3.22 0.00	48.95 2.99 0.01	40.17 2.42 0.01
N.TROY___115KV_TB1 355778	33.51 1.38 0.00	31.31 1.25 -3.54	28.12 1.11 -3.32	26.41 1.05 -3.47	27.07 1.05 -4.06	30.02 1.20 -3.18	34.85 1.63 0.00	34.81 1.50 0.00	31.45 1.03 0.00	31.05 0.88 0.00	32.70 0.83 0.00	34.93 0.95 0.00	37.45 1.02 0.00	39.55 1.26 0.00	41.62 1.41 0.00	43.91 1.61 0.00	50.05 1.83 0.00	65.49 2.46 0.00	73.41 2.62 0.00	86.51 3.33 0.00	78.02 3.00 0.00	60.98 2.35 0.00	47.81 1.84 0.00	39.35 1.59 0.00
NARROWS_GT1_1 24228	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT1_2 24229	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01

NARROWS_GT1_3 24230	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT1_4 24231	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT1_5 24232	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT1_6 24233	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT1_7 24234	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT1_8 24235	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_1 24236	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_2 24237	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_3 24238	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_4 24239	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_5 24240	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_6 24241	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_7 24242	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NARROWS_GT2_8 24243	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.09 6.30 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.67 1.54 0.00	30.89 1.03 -0.00	27.74 0.92 -3.12	26.03 0.88 -3.26	26.62 0.83 -3.82	29.60 0.97 -2.99	34.85 1.63 0.00	34.71 1.40 0.00	31.24 0.82 0.00	30.75 0.57 0.00	32.41 0.54 0.00	34.66 0.68 0.00	37.19 0.76 0.00	39.35 1.07 0.00	41.50 1.29 0.00	44.81 1.73 -0.078	51.15 1.93 -1.01	65.43 2.40 0.00	73.77 2.97 0.00	87.34 4.16 0.00	78.77 3.75 0.00	61.39 2.76 0.00	47.90 1.93 0.00	39.39 1.62 0.00

NCHELSEA_115KV_TR2 355582	34.08 1.96 0.00	31.08 1.72 -2.83	27.89 1.54 -2.65	26.04 1.38 -2.77	26.59 1.38 -3.25	29.85 1.67 -2.54	35.38 2.16 0.00	35.64 2.33 0.00	32.64 2.22 0.00	32.32 2.14 0.00	34.26 2.39 0.00	36.42 2.45 0.00	39.19 2.77 0.00	41.61 3.33 0.00	43.87 3.66 0.00	51.14 3.81 -5.04	59.13 4.44 -6.48	68.70 5.67 0.00	76.88 6.09 0.00	90.50 7.32 0.00	80.49 5.48 0.00	62.50 3.87 0.00	49.00 3.03 0.00	40.14 2.38 0.00
NEG CAPITAL___MECHNVIL 23645	33.86 1.73 0.00	31.61 1.51 -3.57	28.42 1.37 -3.35	26.66 1.27 -3.50	27.31 1.25 -4.10	30.33 1.49 -3.21	35.18 1.96 0.00	35.08 1.76 0.00	31.67 1.25 0.00	31.23 1.06 0.00	32.92 1.05 0.00	35.23 1.26 0.00	37.74 1.31 0.00	39.81 1.53 0.00	41.94 1.73 0.00	44.29 1.99 0.00	50.72 2.51 0.00	66.31 3.28 0.00	74.47 3.68 0.00	88.18 4.99 0.00	79.52 4.50 0.00	62.21 3.58 0.00	48.59 2.62 0.00	39.84 2.08 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.91 -2.22 0.00	25.21 -1.56 -0.25	22.65 -1.28 -0.23	20.86 -1.27 -0.24	20.99 -1.25 -0.28	24.00 -1.85 -0.21	30.30 -2.23 0.70	30.72 -2.00 0.59	28.19 -1.82 0.41	28.39 -1.78 0.00	29.71 -2.10 0.06	31.27 -2.21 0.50	33.36 -2.37 0.70	34.80 -2.53 0.96	36.60 -2.66 0.96	38.91 -2.66 0.72	43.39 -2.94 1.88	55.41 -3.47 4.16	64.56 -3.47 2.77	75.19 -4.07 3.92	67.71 -3.82 3.48	51.20 -3.40 4.03	40.72 -2.89 2.35	34.97 -2.34 0.45
NEG CENTRAL___DRP 24199	32.21 0.06 -0.02	27.21 0.05 -0.63	24.33 0.05 -0.59	22.53 0.02 -0.62	22.71 0.02 -0.73	26.49 0.21 -0.64	36.92 0.37 -3.33	36.62 0.47 -2.84	32.61 0.37 -1.83	30.29 0.09 -0.02	32.19 0.06 -0.25	36.39 0.17 -2.24	39.73 0.15 -3.15	42.71 0.11 -4.32	45.66 0.20 -5.24	46.98 0.13 -4.55	58.19 0.39 -9.59	77.58 1.07 -13.48	85.19 1.63 -12.77	103.33 2.50 -17.65	89.97 2.10 -12.86	69.29 1.47 -9.20	51.79 0.87 -4.95	40.54 0.64 -2.14
NEG CENTRAL___INDECK 23768	31.24 -0.96 -0.08	27.43 -0.64 -1.55	24.64 -0.50 -1.44	22.88 -0.53 -1.51	23.24 -0.50 -1.79	26.68 -0.69 -1.73	47.64 -0.70 -15.11	45.61 -0.60 -12.90	37.92 -0.76 -8.25	29.20 -1.06 -0.08	31.73 -1.28 -1.14	42.73 -1.36 -10.11	49.24 -1.42 -14.24	55.89 -1.49 -19.10	57.86 -1.53 -19.18	54.01 -2.71 -14.42	80.28 -2.94 -35.01	109.96 -3.47 -50.40	112.52 -2.97 -44.70	143.82 -2.58 -63.22	119.12 -2.18 -46.28	94.16 -2.11 -37.63	64.82 -1.89 -20.74	47.17 -0.30 -9.71
NEG CENTRAL___SENECA 23627	32.51 0.35 -0.03	27.64 0.27 -0.85	24.68 0.19 -0.79	22.89 0.18 -0.83	23.11 0.18 -0.98	27.03 0.51 -0.88	39.40 0.80 -5.38	38.84 0.93 -4.59	34.14 0.76 -2.96	30.57 0.36 -0.03	32.66 0.38 -0.41	38.11 0.51 -3.62	42.00 0.47 -5.10	45.74 0.54 -6.93	48.60 0.68 -7.70	49.19 0.59 -6.30	63.30 1.01 -14.08	84.89 2.02 -19.84	91.96 2.83 -18.34	112.77 3.99 -25.59	97.19 3.53 -18.64	75.24 2.58 -14.03	55.24 1.65 -7.61	42.47 1.25 -3.46
NEG CENTRAL___STATE_STREET 24147	31.91 -0.22 -0.01	26.82 -0.13 -0.43	23.98 -0.12 -0.40	22.20 -0.11 -0.42	22.34 -0.11 -0.49	25.94 -0.10 -0.41	34.27 -0.03 -1.08	34.37 0.13 -0.92	31.30 0.06 -0.82	30.09 -0.09 -0.01	31.82 -0.16 -0.11	34.88 -0.10 -1.01	37.70 -0.15 -1.42	39.99 -0.27 -1.98	42.86 -0.20 -2.85	44.81 -0.34 -2.85	53.39 -0.19 -5.37	69.00 0.06 -5.90	77.33 0.42 -6.11	92.32 0.92 -8.22	81.65 0.75 -5.88	62.43 0.47 -3.33	47.87 0.18 -1.71	38.50 0.04 -0.70
NEG MILLWOOD___DRP 24198	34.25 2.12 0.00	31.27 1.88 -2.86	28.06 1.68 -2.68	26.18 1.49 -2.80	26.73 1.49 -3.28	30.03 1.82 -2.57	35.55 2.33 0.00	35.81 2.50 0.00	32.82 2.40 0.00	32.53 2.35 0.00	34.55 2.68 0.00	36.66 2.68 0.00	39.41 2.99 0.00	41.77 3.48 0.00	44.03 3.82 0.00	51.56 4.06 -5.20	59.63 4.73 -6.68	69.08 6.05 0.00	77.38 6.58 0.00	91.00 7.82 0.00	80.87 5.85 0.00	62.74 4.10 0.00	49.19 3.22 0.00	40.29 2.53 0.00
NEG NORTH_FLCN_SEA 23793	32.03 -0.10 0.00	26.34 -0.19 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.80 -0.15 0.00	25.54 -0.10 0.00	32.99 -0.23 0.00	33.08 -0.23 0.00	30.33 -0.09 0.00	30.15 -0.03 0.00	31.87 0.00 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.26 -0.04 0.00	48.22 0.00 0.00	62.91 -0.13 0.00	70.80 0.00 0.00	82.93 -0.25 0.00	74.94 -0.08 0.00	58.28 -0.35 0.00	45.65 -0.32 0.00	37.50 -0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	31.74 -0.39 0.00	26.10 -0.42 0.00	23.29 -0.40 0.00	21.56 -0.33 0.00	21.61 -0.35 0.00	25.30 -0.33 0.00	32.69 -0.53 0.00	32.75 -0.57 0.00	29.99 -0.43 0.00	29.81 -0.36 0.00	31.52 -0.35 0.00	33.60 -0.37 0.00	35.99 -0.44 0.00	37.78 -0.50 0.00	39.61 -0.60 0.00	41.79 -0.51 0.00	47.69 -0.53 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.10 -1.08 0.00	74.19 -0.83 0.00	57.81 -0.82 0.00	45.28 -0.69 0.00	37.23 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	32.16 0.03 0.00	26.37 -0.16 0.00	23.48 -0.21 0.00	21.76 -0.13 0.00	21.83 -0.13 0.00	25.61 -0.03 0.00	33.06 -0.17 0.00	33.11 -0.20 0.00	30.30 -0.12 0.00	30.09 -0.09 0.00	31.81 -0.06 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.34 0.04 0.00	48.26 0.05 0.00	63.16 0.13 0.00	71.36 0.57 0.00	83.68 0.50 0.00	75.69 0.68 0.00	58.63 0.00 0.00	45.92 -0.05 0.00	37.76 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	32.16 0.03 0.00	26.37 -0.16 0.00	23.48 -0.21 0.00	21.76 -0.13 0.00	21.83 -0.13 0.00	25.61 -0.03 0.00	33.06 -0.17 0.00	33.11 -0.20 0.00	30.30 -0.12 0.00	30.09 -0.09 0.00	31.81 -0.06 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.34 0.04 0.00	48.26 0.05 0.00	63.16 0.13 0.00	71.36 0.57 0.00	83.68 0.50 0.00	75.69 0.68 0.00	58.63 0.00 0.00	45.92 -0.05 0.00	37.76 0.00 0.00
NEG NORTH___PLATTSBURG 23628	32.16 0.03 0.00	26.37 -0.16 0.00	23.48 -0.21 0.00	21.76 -0.13 0.00	21.83 -0.13 0.00	25.61 -0.03 0.00	33.06 -0.17 0.00	33.11 -0.20 0.00	30.30 -0.12 0.00	30.09 -0.09 0.00	31.81 -0.06 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.34 0.04 0.00	48.26 0.05 0.00	63.16 0.13 0.00	71.36 0.56 0.00	83.69 0.50 0.00	75.69 0.67 0.00	58.63 0.00 0.00	45.92 -0.05 0.00	37.76 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	28.35 -3.76 0.02	23.79 -2.84 -0.10	21.37 -2.42 -0.10	19.69 -2.30 -0.10	19.77 -2.31 -0.11	22.67 -2.97 -0.01	26.02 -3.52 3.69	27.10 -3.06 3.15	25.66 -2.74 2.02	27.29 -2.87 0.02	28.33 -3.25 0.29	28.27 -3.23 2.47	29.34 -3.61 3.48	29.74 -3.83 4.71	31.66 -3.82 4.73	34.61 -4.15 3.54	34.89 -4.58 8.75	42.83 -5.74 14.47	52.77 -6.37 11.66	58.96 -7.74 16.49	55.10 -7.13 12.79	40.88 -5.86 11.89	34.44 -4.83 6.70	31.62 -3.78 2.37
NEG WEST___LANCASTR 23811	29.92 -2.18 0.02	24.26 -2.39 -0.12	21.27 -2.54 -0.11	19.75 -2.25 -0.12	19.72 -2.37 -0.13	24.44 -1.20 -0.01	27.61 -1.36 4.25	28.75 -0.93 3.63	27.30 -0.79 2.33	28.52 -1.63 0.02	30.52 -1.02 0.33	30.11 -1.02 2.85	31.26 -1.17 4.00	33.46 -1.15 3.67	35.52 -1.01 3.69	38.08 -1.44 2.78	39.93 -1.40 6.88	49.57 -1.58 11.88	59.25 -2.12 9.42	66.70 -3.16 13.32	61.80 -2.70 10.51	46.89 -1.70 10.04	36.92 -1.65 7.39	33.70 -1.32 2.74

NEG_PENN_ALLEGHNY 23528	31.91 -0.22 0.00	27.26 -0.18 -0.92	24.36 -0.19 -0.86	22.61 -0.18 -0.90	22.81 -0.20 -1.05	26.45 -0.03 -0.84	33.93 0.03 -0.68	34.02 0.13 -0.58	30.92 0.12 -0.38	30.12 -0.06 0.00	31.86 -0.06 -0.05	34.41 -0.03 -0.46	37.04 -0.04 -0.66	39.24 0.00 -0.95	41.69 0.08 -1.40	43.90 0.08 -1.52	51.20 0.24 -2.75	66.54 0.50 -3.00	74.77 0.64 -3.34	88.62 0.92 -4.52	78.71 0.60 -3.10	60.53 0.35 -1.54	46.87 0.18 -0.71	38.31 0.11 -0.43
NEG___GEN_MONROE 24207	30.13 -1.99 0.00	25.44 -1.33 -0.25	22.84 -1.09 -0.23	21.04 -1.09 -0.24	21.14 -1.10 -0.28	24.12 -1.72 -0.20	30.36 -1.96 0.90	30.81 -1.73 0.77	28.30 -1.61 0.50	28.72 -1.45 0.01	29.86 -1.94 0.07	31.39 -1.97 0.62	33.41 -2.15 0.87	34.75 -2.37 1.16	36.68 -2.37 1.16	38.97 -2.45 0.88	43.31 -2.65 2.26	54.98 -3.09 4.96	64.50 -2.90 3.39	75.06 -3.33 4.80	67.69 -3.15 4.18	51.09 -2.81 4.73	40.66 -2.53 2.78	35.14 -2.04 0.58
NEPA___ENERGY 23901	29.56 -2.54 0.02	24.54 -2.10 -0.11	21.90 -1.90 -0.11	20.20 -1.80 -0.11	20.24 -1.84 -0.12	23.89 -1.74 0.00	26.75 -2.06 4.41	27.98 -1.57 3.77	26.64 -1.37 2.42	28.55 -1.60 0.03	29.87 -1.66 0.35	29.32 -1.70 2.96	30.41 -1.86 4.15	31.73 -1.84 4.71	33.75 -1.73 4.73	36.72 -2.03 3.55	37.29 -2.17 8.76	46.07 -2.46 14.50	56.26 -2.83 11.71	62.89 -3.74 16.56	58.65 -3.53 12.84	43.77 -2.93 11.93	35.78 -2.57 7.61	32.81 -2.11 2.84
NEVERSINK___HYD 23608	33.54 1.41 0.00	30.24 1.25 -2.47	27.07 1.07 -2.31	25.27 0.96 -2.42	25.76 0.97 -2.83	29.04 1.18 -2.22	34.75 1.53 0.00	35.08 1.76 0.00	32.12 1.70 0.00	31.86 1.69 0.00	33.69 1.82 0.00	35.84 1.87 0.00	38.57 2.15 0.00	40.81 2.53 0.00	43.15 2.93 0.00	48.92 2.92 -3.71	56.50 3.52 -4.76	67.95 4.92 0.00	76.25 5.45 0.00	89.84 6.66 0.00	80.04 5.03 0.00	62.03 3.40 0.00	48.63 2.67 0.00	39.69 1.92 0.00
NEWKRMKL_115KV_TB1 55635	33.19 1.06 0.00	31.01 0.98 -3.51	27.86 0.88 -3.29	26.18 0.85 -3.43	26.80 0.81 -4.02	29.74 0.95 -3.15	34.48 1.26 0.00	34.48 1.17 0.00	31.03 0.61 0.00	30.66 0.48 0.00	32.32 0.45 0.00	34.55 0.58 0.00	37.05 0.62 0.00	39.12 0.84 0.00	41.18 0.97 0.00	43.36 1.06 0.00	49.23 1.01 0.00	64.36 1.32 0.00	72.21 1.42 0.00	85.10 1.91 0.00	76.59 1.58 0.00	59.80 1.17 0.00	46.89 0.92 0.00	38.63 0.87 0.00
NEWTON___FALLS_HYD 23847	31.55 -0.58 0.00	26.01 -0.58 -0.07	23.14 -0.62 -0.07	21.48 -0.48 -0.07	21.58 -0.46 -0.08	25.32 -0.38 -0.06	32.79 -0.43 0.00	32.65 -0.67 0.00	29.78 -0.64 0.00	29.45 -0.72 0.00	31.10 -0.76 0.00	33.16 -0.82 0.00	35.41 -1.02 0.00	37.24 -1.07 -0.03	39.37 -1.21 -0.36	41.27 -1.52 -0.49	47.28 -1.59 -0.66	61.51 -2.27 -0.75	70.05 -1.77 -1.02	83.48 -1.00 -1.29	75.53 -0.38 -0.89	58.17 -0.64 -0.18	45.70 -0.32 -0.05	37.39 -0.38 0.00
NGRID_A1_DSASP 323792	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
NGRID_A2_DSASP 323793	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
NGRID_A4_DSASP 323807	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
NIAGARA_115E_LBMP 323715	27.80 -4.30 0.02	23.34 -3.29 -0.10	21.02 -2.77 -0.10	19.34 -2.65 -0.10	19.44 -2.64 -0.12	22.23 -3.41 -0.01	25.57 -3.95 3.70	26.66 -3.50 3.16	25.26 -3.13 2.03	26.48 -3.68 0.02	27.79 -3.79 0.29	27.79 -3.70 2.48	28.82 -4.12 3.49	29.09 -4.33 4.87	30.78 -4.54 4.89	33.79 -4.86 3.65	33.75 -5.45 9.02	41.31 -6.87 14.85	50.99 -7.86 11.95	56.64 -9.65 16.90	53.16 -8.78 13.08	39.37 -7.10 12.17	33.59 -5.66 6.72	31.11 -4.27 2.38
NIAGARA_115W_LBMP 323714	27.83 -4.27 0.02	23.39 -3.24 -0.10	21.04 -2.75 -0.10	19.41 -2.58 -0.10	19.50 -2.57 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.36 -3.77 0.04	27.88 -3.70 0.30	27.87 -3.60 2.51	28.90 -4.01 3.52	29.11 -4.17 5.00	30.81 -4.38 5.02	33.91 -4.65 3.74	33.71 -5.25 9.25	41.30 -6.56 15.18	51.04 -7.57 12.19	56.64 -9.31 17.23	53.21 -8.48 13.33	39.43 -6.80 12.41	33.73 -5.47 6.77	31.20 -4.15 2.41
NIAGARA_230_LBMP 323716	28.38 -3.73 0.02	23.85 -2.78 -0.11	21.46 -2.35 -0.11	19.73 -2.28 -0.11	19.83 -2.26 -0.13	22.63 -3.03 -0.02	25.82 -3.72 3.68	26.87 -3.30 3.14	25.46 -2.95 2.01	27.20 -2.96 0.02	28.28 -3.32 0.27	28.05 -3.47 2.46	29.13 -3.82 3.47	29.49 -3.94 4.85	31.24 -4.10 4.87	34.27 -4.36 3.67	34.31 -4.87 9.04	42.11 -6.05 14.87	51.76 -6.87 12.17	57.57 -8.40 17.21	54.06 -7.65 13.31	40.17 -6.27 12.19	34.16 -5.10 6.70	31.44 -3.96 2.36
NIAGARA___115KV_198_GIBSON 55903	27.83 -4.27 0.02	23.36 -3.26 -0.10	21.02 -2.77 -0.10	19.41 -2.58 -0.10	19.50 -2.57 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.57 -3.56 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.03 -7.58 12.19	56.64 -9.32 17.23	53.21 -8.48 13.33	39.48 -6.74 12.41	33.77 -5.42 6.77	31.13 -4.23 2.41
NIAGARA____ 23760	28.38 -3.73 0.02	23.84 -2.78 -0.10	21.45 -2.35 -0.10	19.71 -2.28 -0.10	19.81 -2.26 -0.12	22.62 -3.03 -0.01	25.82 -3.72 3.69	26.87 -3.30 3.14	25.45 -2.95 2.01	27.19 -2.96 0.03	28.27 -3.32 0.28	28.04 -3.47 2.47	29.12 -3.82 3.48	29.48 -3.94 4.86	31.23 -4.10 4.88	34.28 -4.36 3.66	34.31 -4.87 9.03	42.12 -6.05 14.87	51.85 -6.87 12.08	57.70 -8.40 17.09	54.15 -7.65 13.22	40.18 -6.27 12.18	34.15 -5.10 6.71	31.43 -3.96 2.37
NINE_MILE_1 23575	31.10 -1.03 0.00	25.89 -0.80 -0.16	23.16 -0.69 -0.15	21.40 -0.66 -0.16	21.49 -0.66 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.28 -1.03 0.00	29.48 -0.94 0.00	29.18 -1.00 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.40 -1.42 0.47	32.22 -1.57 6.42	31.96 -1.61 8.73	33.93 -1.83 12.45	34.57 -2.27 26.20	45.55 -2.41 22.84	50.87 -2.67 29.65	47.39 -2.55 25.07	36.92 -2.05 19.66	33.21 -1.65 11.11	36.48 -1.28 0.00

NINE_MILE_2 23744	31.10 -1.03 0.00	25.89 -0.80 -0.16	23.16 -0.69 -0.15	21.39 -0.66 -0.16	21.51 -0.64 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.28 -1.03 0.00	29.48 -0.94 0.00	29.18 -1.00 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.39 -1.42 0.48	32.13 -1.57 6.52	31.83 -1.61 8.86	33.75 -1.83 12.64	34.20 -2.27 26.57	45.21 -2.41 23.17	50.44 -2.67 30.08	47.04 -2.55 25.43	36.65 -2.05 19.92	33.06 -1.65 11.25	36.48 -1.28 0.00
NM_CAPITAL___DRP 24208	33.25 1.12 0.00	31.06 1.03 -3.50	27.90 0.92 -3.28	26.21 0.90 -3.43	26.83 0.86 -4.02	29.76 0.97 -3.14	34.55 1.33 0.00	34.58 1.27 0.00	31.15 0.73 0.00	30.75 0.57 0.00	32.44 0.57 0.00	34.66 0.68 0.00	37.15 0.73 0.00	39.24 0.96 0.00	41.30 1.09 0.00	43.48 1.18 0.00	49.37 1.16 0.00	64.61 1.58 0.00	72.42 1.63 0.00	85.26 2.08 0.00	76.74 1.73 0.00	59.98 1.35 0.00	47.03 1.06 0.00	38.74 0.98 0.00
NM_CENTRAL___DRP 24181	31.58 -0.55 0.00	26.39 -0.37 -0.24	23.58 -0.33 -0.22	21.82 -0.31 -0.23	21.92 -0.31 -0.27	25.47 -0.38 -0.21	32.79 -0.43 0.00	32.88 -0.43 0.00	30.02 -0.40 0.00	29.75 -0.42 0.00	31.36 -0.51 0.00	33.47 -0.51 0.00	35.84 -0.58 0.00	37.56 -0.77 -0.05	40.13 -0.72 -0.64	42.41 -0.76 -0.87	48.55 -0.77 -1.11	62.69 -0.95 -0.61	71.41 -0.92 -1.53	84.25 -0.83 -1.90	75.16 -0.90 -1.04	57.23 -0.82 0.58	44.82 -0.69 0.46	37.16 -0.60 0.00
NM_FRONTIER___DRP 24179	27.83 -4.27 0.02	23.36 -3.26 -0.10	21.02 -2.77 -0.10	19.41 -2.58 -0.10	19.50 -2.57 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.57 -3.56 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.03 -7.58 12.19	56.64 -9.32 17.23	53.21 -8.48 13.33	39.48 -6.74 12.41	33.77 -5.42 6.77	31.13 -4.23 2.41
NM_ST_REGIS___HYD 24053	31.61 -0.51 0.00	25.94 -0.58 0.00	23.10 -0.59 0.00	21.41 -0.48 0.00	21.47 -0.48 0.00	25.20 -0.44 0.00	32.59 -0.63 0.00	32.51 -0.80 0.00	29.75 -0.67 0.00	29.48 -0.69 0.00	31.20 -0.67 0.00	33.30 -0.68 0.00	35.62 -0.80 0.00	37.44 -0.84 0.00	39.21 -1.01 0.00	41.07 -1.23 0.00	46.72 -1.49 0.00	60.64 -2.40 0.00	68.67 -2.12 0.00	80.94 -2.25 0.00	73.74 -1.28 0.00	57.40 -1.23 0.00	45.19 -0.78 0.00	37.12 -0.64 0.00
NORTHPORT___1 23551	38.21 2.73 -3.36	33.78 2.44 -4.81	28.52 2.16 -2.67	26.62 1.95 -2.78	29.17 2.02 -5.20	30.58 2.38 -2.56	38.16 3.02 -1.92	38.68 3.30 -2.07	33.52 3.10 0.00	33.29 3.11 -0.01	40.76 3.28 -5.61	42.47 3.23 -5.26	48.02 3.39 -8.21	50.46 3.71 -8.47	52.97 4.06 -8.70	55.87 3.93 -9.64	59.78 4.29 -7.28	73.39 5.30 -5.06	82.60 5.81 -5.99	90.02 6.82 -0.01	79.75 4.73 0.00	62.03 3.40 0.00	51.84 3.31 -2.56	43.34 2.72 -2.85
NORTHPORT___2 23552	38.21 2.73 -3.36	33.78 2.44 -4.81	28.52 2.16 -2.67	26.62 1.95 -2.78	29.17 2.02 -5.20	30.58 2.38 -2.56	38.16 3.02 -1.92	38.68 3.30 -2.07	33.52 3.10 0.00	33.29 3.11 -0.01	40.76 3.28 -5.61	42.47 3.23 -5.26	48.02 3.39 -8.21	50.46 3.71 -8.47	52.97 4.06 -8.70	55.87 3.93 -9.64	59.78 4.29 -7.28	73.39 5.30 -5.06	82.60 5.81 -5.99	90.02 6.82 -0.01	79.75 4.73 0.00	62.03 3.40 0.00	51.84 3.31 -2.56	43.34 2.72 -2.85
NORTHPORT___3 23553	38.16 2.66 -3.37	33.73 2.39 -4.82	28.47 2.11 -2.67	26.58 1.90 -2.78	29.14 1.98 -5.20	30.56 2.36 -2.56	38.14 2.99 -1.92	38.62 3.23 -2.08	33.49 3.07 0.00	33.26 3.08 -0.01	40.75 3.25 -5.63	42.45 3.19 -5.28	48.06 3.39 -8.24	50.46 3.68 -8.50	52.93 3.98 -8.73	55.80 3.85 -9.65	59.59 4.10 -7.28	73.15 5.04 -5.08	82.27 5.45 -6.02	89.68 6.49 -0.01	79.37 4.35 0.00	61.80 3.16 0.00	51.71 3.17 -2.57	43.27 2.64 -2.87
NORTHPORT___4 23650	38.16 2.66 -3.37	33.73 2.39 -4.82	28.47 2.11 -2.67	26.58 1.90 -2.78	29.14 1.98 -5.20	30.56 2.36 -2.56	38.14 2.99 -1.92	38.62 3.23 -2.08	33.49 3.07 0.00	33.26 3.08 -0.01	40.75 3.25 -5.63	42.45 3.19 -5.28	48.06 3.39 -8.24	50.46 3.68 -8.50	52.93 3.98 -8.73	55.80 3.85 -9.65	59.59 4.10 -7.28	73.15 5.04 -5.08	82.27 5.45 -6.02	89.68 6.49 -0.01	79.37 4.35 0.00	61.80 3.16 0.00	51.71 3.17 -2.57	43.27 2.64 -2.87
NORTHPORT___IC 23718	38.21 2.73 -3.36	33.78 2.44 -4.81	28.57 2.20 -2.67	26.62 1.95 -2.78	29.17 2.02 -5.20	30.58 2.38 -2.56	38.16 3.02 -1.92	38.68 3.30 -2.07	33.52 3.10 0.00	33.23 3.05 -0.01	40.76 3.28 -5.61	42.46 3.23 -5.26	48.02 3.39 -8.21	50.54 3.79 -8.47	52.97 4.06 -8.70	55.80 3.89 -9.61	59.66 4.19 -7.25	73.26 5.17 -5.06	82.45 5.66 -5.99	89.85 6.65 -0.01	79.59 4.58 0.00	61.91 3.28 0.00	51.79 3.26 -2.56	43.45 2.83 -2.85
NORTH___COUNTRY_ESR 323785	31.68 -0.45 0.00	26.05 -0.48 0.00	23.24 -0.45 0.00	21.52 -0.37 0.00	21.58 -0.37 0.00	25.25 -0.38 0.00	32.62 -0.60 0.00	32.71 -0.60 0.00	29.99 -0.43 0.00	29.82 -0.36 0.00	31.52 -0.35 0.00	33.64 -0.34 0.00	35.99 -0.44 0.00	37.78 -0.50 0.00	39.65 -0.56 0.00	41.79 -0.51 0.00	47.69 -0.53 0.00	62.15 -0.88 0.00	69.95 -0.85 0.00	81.85 -1.33 0.00	73.97 -1.05 0.00	57.63 -1.00 0.00	45.19 -0.78 0.00	37.12 -0.64 0.00
NPX_GEN_1385_PROXY 323591	38.43 2.95 -3.36	34.04 2.71 -4.81	28.78 2.42 -2.67	26.97 2.30 -2.78	29.48 2.33 -5.20	30.94 2.74 -2.56	38.53 3.39 -1.92	39.01 3.63 -2.07	33.86 3.44 0.00	33.50 3.32 -0.01	40.60 3.13 -5.61	41.75 2.51 -5.26	47.00 2.37 -8.21	49.39 2.64 -8.47	51.97 3.05 -8.70	54.81 2.88 -9.64	59.11 3.62 -7.28	72.00 3.91 -5.06	82.10 4.60 -6.71	87.43 5.40 1.15	79.89 4.42 -0.45	62.44 3.81 0.00	52.16 3.63 -2.56	43.60 2.98 -2.85
NPX_GEN_CSC 323557	38.80 3.28 -3.40	34.23 2.87 -4.84	28.90 2.54 -2.67	26.93 2.26 -2.78	29.55 2.37 -5.22	30.99 2.79 -2.56	38.75 3.59 -1.94	39.21 3.80 -2.10	33.89 3.47 0.00	33.65 3.47 -0.01	41.24 3.70 -5.67	43.01 3.70 -5.32	48.64 3.90 -8.31	51.10 4.25 -8.57	53.72 4.70 -8.81	56.77 4.78 -9.69	60.95 5.45 -7.29	75.10 6.93 -5.13	85.23 7.65 -6.79	91.11 9.07 1.15	82.07 6.60 -0.45	63.38 4.75 0.00	52.70 4.14 -2.59	43.71 3.06 -2.89
NSINS_S___GLNS_FALLS 23858	34.15 2.02 0.00	31.90 1.78 -3.59	28.67 1.61 -3.37	26.90 1.49 -3.52	27.55 1.47 -4.12	30.63 1.77 -3.23	35.55 2.33 0.00	35.34 2.03 0.00	31.88 1.46 0.00	31.35 1.18 0.00	33.02 1.15 0.00	35.44 1.46 0.00	37.96 1.53 0.00	40.08 1.80 0.00	42.22 2.01 0.00	44.67 2.37 0.00	51.30 3.09 0.00	67.00 3.97 0.00	75.11 4.32 0.00	89.42 6.24 0.00	80.49 5.48 0.00	63.26 4.63 0.00	49.19 3.22 0.00	40.44 2.68 0.00
NUCOR_STEEL___DRP 24197	31.90 -0.22 0.00	26.76 -0.13 -0.37	23.95 -0.09 -0.35	22.14 -0.11 -0.36	22.25 -0.13 -0.43	25.86 -0.13 -0.35	33.69 -0.10 -0.57	33.47 -0.33 -0.49	30.09 -0.33 0.00	29.78 -0.39 0.00	31.36 -0.51 0.00	33.47 -0.51 0.00	35.88 -0.55 0.00	37.63 -0.73 -0.08	40.59 -0.72 -1.10	43.27 -0.47 -1.44	49.74 -0.39 -1.91	66.97 -0.19 -4.12	75.60 0.14 -4.66	89.84 0.50 -6.15	79.74 0.38 -4.35	60.82 0.18 -2.01	46.95 0.00 -0.98	38.05 -0.08 -0.37

NUMBER_THREE_WT_PWR 323818	31.61 -0.52 0.00	26.11 -0.50 -0.09	23.24 -0.54 -0.09	21.59 -0.39 -0.09	21.74 -0.33 -0.11	25.54 -0.18 -0.09	33.19 -0.03 0.00	33.04 -0.27 0.00	30.18 -0.24 0.00	29.75 -0.42 0.00	31.39 -0.48 0.00	33.37 -0.61 0.00	35.59 -0.84 0.00	37.43 -0.88 -0.03	39.68 -0.97 -0.43	41.74 -1.14 -0.58	47.98 -1.01 -0.78	62.72 -1.20 -0.89	71.58 -0.42 -1.21	85.63 0.92 -1.53	77.09 1.05 -1.02	59.26 0.41 -0.21	46.35 0.32 -0.06	37.80 0.04 0.00
NYISO_LBMP_REFERENCE 24008	32.12 0.00 0.00	26.52 0.00 0.00	23.69 0.00 0.00	21.89 0.00 0.00	21.96 0.00 0.00	25.64 0.00 0.00	33.22 0.00 0.00	33.31 0.00 0.00	30.42 0.00 0.00	30.18 0.00 0.00	31.87 0.00 0.00	33.98 0.00 0.00	36.43 0.00 0.00	38.28 0.00 0.00	40.21 0.00 0.00	42.30 0.00 0.00	48.22 0.00 0.00	63.03 0.00 0.00	70.80 0.00 0.00	83.18 0.00 0.00	75.02 0.00 0.00	58.63 0.00 0.00	45.97 0.00 0.00	37.76 0.00 0.00
NYPA_BRENTWD____GT 24164	38.71 3.12 -3.47	34.13 2.73 -4.88	28.78 2.42 -2.67	26.84 2.17 -2.78	29.48 2.26 -5.26	30.89 2.69 -2.56	38.62 3.42 -1.98	39.12 3.66 -2.14	33.86 3.44 0.00	33.62 3.44 -0.01	41.32 3.66 -5.79	43.08 3.67 -5.43	48.80 3.90 -8.48	51.28 4.25 -8.75	53.90 4.70 -8.99	56.77 4.69 -9.78	60.77 5.26 -7.30	74.69 6.43 -5.23	84.07 7.08 -6.19	91.51 8.32 -0.01	81.02 6.00 0.00	62.97 4.34 0.00	52.66 4.05 -2.64	43.92 3.21 -2.95
NYPA_GOWANUS____GT5 24156	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NYPA_GOWANUS____GT6 24157	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.21 2.90 0.00	33.38 2.95 -0.01	33.17 2.99 -0.01	35.10 3.22 -0.01	37.28 3.29 -0.01	40.08 3.64 -0.01	42.40 4.10 -0.02	44.82 4.58 -0.02	52.25 4.65 -5.30	60.02 5.01 -6.79	68.95 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.87 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NYPA_HARLEM__RVR__GT1 24160	34.20 2.09 0.02	31.34 1.96 -2.85	28.09 1.73 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.34 2.13 0.01	35.77 2.47 0.01	33.03 2.62 0.01	32.85 2.68 0.01	34.83 2.96 0.01	36.89 2.92 0.01	39.66 3.24 0.01	42.00 3.71 -0.01	44.48 4.26 -0.01	51.86 4.27 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.24 5.45 0.01	89.75 6.57 0.01	79.13 4.12 0.01	61.79 3.16 0.01	48.90 2.94 0.02	40.01 2.27 0.02
NYPA_HARLEM__RVR__GT2 24161	34.20 2.09 0.02	31.34 1.96 -2.85	28.09 1.73 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.34 2.13 0.01	35.77 2.47 0.01	33.03 2.62 0.01	32.85 2.68 0.01	34.83 2.96 0.01	36.89 2.92 0.01	39.66 3.24 0.01	42.00 3.71 -0.01	44.48 4.26 -0.01	51.86 4.27 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.24 5.45 0.01	89.75 6.57 0.01	79.13 4.12 0.01	61.79 3.16 0.01	48.90 2.94 0.02	40.01 2.27 0.02
NYPA_KENT____GT 24152	34.44 2.31 0.00	31.45 2.07 -2.85	28.24 1.87 -2.67	26.37 1.69 -2.79	26.96 1.73 -3.27	30.24 2.05 -2.55	35.68 2.46 0.00	36.14 2.83 0.00	33.29 2.86 -0.01	33.11 2.93 -0.01	35.03 3.16 -0.01	37.21 3.23 -0.01	40.01 3.57 -0.01	42.29 3.98 -0.02	44.70 4.46 -0.02	52.17 4.57 -5.30	59.87 4.87 -6.79	68.83 5.80 0.00	76.88 6.09 0.00	90.51 7.32 0.00	79.82 4.81 0.00	62.39 3.76 0.00	49.38 3.40 0.00	40.30 2.53 0.00
NYPA_POUCH1____GT 24155	34.57 2.44 -0.01	31.57 2.20 -2.85	28.35 1.99 -2.67	26.48 1.80 -2.79	27.07 1.84 -3.27	30.39 2.21 -2.55	35.85 2.62 0.00	36.24 2.93 0.00	33.41 2.98 -0.01	33.14 2.96 -0.01	35.03 3.16 -0.01	37.25 3.26 -0.01	40.01 3.57 -0.01	42.36 4.06 -0.02	44.78 4.54 -0.02	52.17 4.57 -5.30	59.87 4.87 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.42 7.23 0.00	79.67 4.65 0.00	62.44 3.81 0.00	49.52 3.54 -0.01	40.41 2.64 -0.01
NYPA_VERNON____GT2 24162	34.34 2.21 0.00	31.37 1.99 -2.85	28.16 1.80 -2.67	26.30 1.62 -2.79	26.90 1.67 -3.27	30.16 1.97 -2.55	35.62 2.39 0.00	36.04 2.73 0.00	33.23 2.80 -0.01	33.02 2.84 -0.01	34.97 3.09 -0.01	37.15 3.16 -0.01	39.90 3.46 -0.01	42.17 3.86 -0.02	44.57 4.34 -0.02	52.03 4.44 -5.30	59.82 4.82 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.42 7.23 0.00	79.82 4.81 0.00	62.27 3.64 0.00	49.24 3.26 0.00	40.18 2.42 0.00
NYPA_VERNON____GT3 24163	34.34 2.21 0.00	31.37 1.99 -2.85	28.16 1.80 -2.67	26.30 1.62 -2.79	26.90 1.67 -3.27	30.16 1.97 -2.55	35.62 2.39 0.00	36.04 2.73 0.00	33.23 2.80 -0.01	33.02 2.84 -0.01	34.97 3.09 -0.01	37.15 3.16 -0.01	39.90 3.46 -0.01	42.17 3.86 -0.02	44.57 4.34 -0.02	52.03 4.44 -5.30	59.82 4.82 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.42 7.23 0.00	79.82 4.81 0.00	62.27 3.64 0.00	49.24 3.26 0.00	40.18 2.42 0.00
NYPA__ASTORIA_CC1 323568	34.31 2.19 0.00	31.36 1.99 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.32 0.00	35.98 2.67 0.00	33.20 2.77 -0.01	32.99 2.81 -0.01	34.94 3.06 -0.01	37.08 3.09 -0.01	39.86 3.42 -0.01	42.13 3.83 -0.02	44.49 4.26 -0.02	51.95 4.36 -5.30	59.73 4.73 -6.79	68.64 5.61 0.00	76.67 5.87 0.00	90.25 7.07 0.00	79.67 4.65 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.14 2.38 0.00
NYPA__ASTORIA_CC2 323569	34.31 2.19 0.00	31.36 1.99 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.55 2.32 0.00	35.98 2.67 0.00	33.20 2.77 -0.01	32.99 2.81 -0.01	34.94 3.06 -0.01	37.08 3.09 -0.01	39.86 3.42 -0.01	42.13 3.83 -0.02	44.49 4.26 -0.02	51.95 4.36 -5.30	59.73 4.73 -6.79	68.64 5.61 0.00	76.67 5.87 0.00	90.25 7.07 0.00	79.67 4.65 0.00	62.15 3.52 0.00	49.14 3.17 0.00	40.14 2.38 0.00
NYPA__HOLTSVILL 23794	38.54 3.02 -3.39	34.04 2.68 -4.83	28.73 2.37 -2.67	26.77 2.10 -2.78	29.37 2.20 -5.22	30.81 2.62 -2.56	38.48 3.32 -1.94	38.97 3.57 -2.09	33.71 3.29 0.00	33.47 3.29 -0.01	41.04 3.51 -5.67	42.79 3.50 -5.32	48.37 3.64 -8.30	50.83 3.98 -8.56	53.43 4.42 -8.80	56.42 4.44 -9.69	60.47 4.97 -7.29	74.40 6.24 -5.12	83.66 6.80 -6.07	91.27 8.07 -0.02	80.79 5.78 0.00	62.79 4.16 0.00	52.33 3.77 -2.59	43.56 2.91 -2.89
NYPA__HELLGATE_GT1 24158	34.21 2.09 0.00	31.34 1.96 -2.85	28.09 1.73 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.34 2.13 0.01	35.77 2.47 0.01	33.03 2.62 0.01	32.85 2.68 0.01	34.83 2.96 0.01	36.89 2.92 0.01	39.66 3.24 0.01	42.00 3.71 -0.01	44.48 4.26 -0.01	51.86 4.27 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.24 5.45 0.01	89.75 6.57 0.01	79.13 4.12 0.01	61.79 3.16 0.01	48.91 2.94 0.00	40.03 2.27 0.00

NYPA_____HELLGATE_GT2 24159	34.21 2.09 0.00	31.34 1.96 -2.85	28.09 1.73 -2.67	26.23 1.55 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.34 2.13 0.01	35.77 2.47 0.01	33.03 2.62 0.01	32.85 2.68 0.01	34.83 2.96 0.01	36.89 2.92 0.01	39.66 3.24 0.01	42.00 3.71 -0.01	44.48 4.26 -0.01	51.86 4.27 -5.29	59.43 4.43 -6.78	68.25 5.23 0.01	76.24 5.45 0.01	89.75 6.57 0.01	79.13 4.12 0.01	61.79 3.16 0.01	48.91 2.94 0.00	40.03 2.27 0.00
NYS_BARGE____HYD 23848	28.32 -3.79 0.02	23.75 -2.89 -0.11	21.36 -2.44 -0.11	19.66 -2.34 -0.11	19.76 -2.33 -0.13	22.66 -3.00 -0.02	26.24 -3.52 3.46	27.30 -3.06 2.95	25.78 -2.74 1.90	27.02 -3.14 0.02	28.29 -3.32 0.27	28.39 -3.26 2.32	29.55 -3.61 3.26	30.09 -3.75 4.44	31.86 -3.90 4.46	34.82 -4.14 3.33	35.34 -4.63 8.25	43.57 -5.74 13.73	53.36 -6.44 11.00	59.81 -7.82 15.56	55.71 -7.20 12.10	41.32 -5.98 11.33	34.76 -4.83 6.38	31.84 -3.70 2.23
OAK ORCHARD____HYD 24046	30.10 -2.02 0.00	25.43 -1.35 -0.25	22.87 -1.07 -0.24	21.04 -1.09 -0.25	21.17 -1.08 -0.29	24.13 -1.72 -0.21	30.38 -2.06 0.78	30.88 -1.77 0.66	28.37 -1.61 0.43	28.66 -1.51 0.00	29.96 -1.85 0.06	31.47 -1.97 0.53	33.60 -2.07 0.75	35.06 -2.22 1.00	36.88 -2.33 1.00	39.22 -2.33 0.75	43.65 -2.60 1.96	55.54 -2.96 4.53	64.81 -2.97 3.01	75.43 -3.49 4.26	67.86 -3.37 3.79	51.18 -3.05 4.40	40.75 -2.62 2.60	35.15 -2.11 0.50
OAKDALE____35_KV_LOAD 356122	31.81 -0.32 0.00	27.20 -0.24 -0.91	24.31 -0.24 -0.85	22.54 -0.24 -0.89	22.74 -0.26 -1.05	26.34 -0.13 -0.83	33.87 -0.07 -0.72	33.92 0.00 -0.61	30.82 0.00 -0.40	30.00 -0.18 0.00	31.76 -0.16 -0.05	34.33 -0.14 -0.49	36.97 -0.15 -0.69	39.18 -0.11 -1.01	41.61 -0.04 -1.44	43.83 -0.08 -1.62	51.13 0.00 -2.92	66.40 0.25 -3.12	74.52 0.28 -3.44	88.35 0.50 -4.67	78.45 0.23 -3.20	60.32 0.06 -1.63	46.73 0.00 -0.76	38.19 -0.04 -0.46
OCC_CHEM____DRP 24175	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
OH_GEN_PROXY 24063	28.44 -3.66 0.02	23.90 -2.76 -0.13	21.50 -2.32 -0.13	19.79 -2.23 -0.13	19.87 -2.24 -0.15	22.71 -2.97 -0.05	26.20 -3.62 3.40	27.21 -3.20 2.90	25.70 -2.86 1.86	27.26 -2.90 0.02	28.40 -3.22 0.25	28.30 -3.40 2.28	29.50 -3.72 3.21	30.00 -3.83 4.45	31.76 -3.98 4.47	34.70 -4.23 3.37	35.18 -4.72 8.31	43.36 -5.86 13.81	53.63 -6.66 10.51	58.00 -8.15 17.04	55.72 -7.43 11.87	41.15 -6.10 11.39	34.70 -4.97 6.30	31.69 -3.89 2.18
OLIN_CORP_DRP 24177	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.75 -3.41 0.01	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.23 -6.62 15.18	51.10 -7.50 12.19	56.71 -9.23 17.24	53.28 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
OLIN_CORP_DSASP 323712	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
ONEIDA_HERK_LFGE 323681	32.22 0.10 0.00	26.66 0.05 -0.08	23.77 0.00 -0.08	22.04 0.07 -0.08	22.12 0.07 -0.09	25.89 0.18 -0.07	33.59 0.37 0.00	33.51 0.20 0.00	30.54 0.12 0.00	30.18 0.00 0.00	31.84 -0.03 0.00	33.94 -0.03 0.00	36.32 -0.11 0.00	38.22 -0.08 -0.02	40.33 -0.12 -0.24	42.41 -0.21 -0.32	48.69 0.05 -0.43	63.71 0.19 -0.49	72.17 0.71 -0.67	85.78 1.75 -0.85	77.16 1.58 -0.57	59.74 1.00 -0.12	46.74 0.73 -0.03	38.22 0.45 0.00
ONEIDA____115KV_TB4 55905	32.57 0.45 0.00	27.05 0.37 -0.15	24.12 0.28 -0.14	22.33 0.28 -0.15	22.42 0.29 -0.18	26.19 0.41 -0.14	33.82 0.60 0.00	33.81 0.50 0.00	30.78 0.37 0.00	30.39 0.21 0.00	32.06 0.19 0.00	34.21 0.24 0.00	36.68 0.25 0.00	38.58 0.27 -0.03	40.88 0.32 -0.35	43.02 0.25 -0.47	49.35 0.53 -0.60	64.26 0.88 -0.34	73.05 1.42 -0.83	86.72 2.50 -1.04	77.69 2.10 -0.57	59.74 1.41 0.30	46.78 1.06 0.24	38.52 0.76 0.00
ONONDAGA_REF_OCCRA 23987	31.74 -0.39 0.00	26.55 -0.27 -0.30	23.73 -0.24 -0.28	21.94 -0.24 -0.29	22.06 -0.24 -0.34	25.65 -0.26 -0.27	32.92 -0.30 0.00	33.05 -0.27 0.00	30.18 -0.24 0.00	29.84 -0.33 0.00	31.49 -0.38 0.00	33.60 -0.37 0.00	35.99 -0.44 0.00	37.76 -0.57 -0.06	40.46 -0.52 -0.77	42.79 -0.55 -1.05	49.04 -0.53 -1.35	63.54 -0.57 -1.07	72.34 -0.42 -1.97	85.39 -0.25 -2.46	76.14 -0.38 -1.50	57.96 -0.41 0.26	45.27 -0.41 0.29	37.39 -0.38 0.00
ONONDAGA____COGEN 23986	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.74 -0.21 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.96 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.76 -0.61 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00
ONTARIO____LFGE 23819	32.51 0.35 -0.03	27.64 0.27 -0.85	24.67 0.19 -0.79	22.89 0.17 -0.83	23.11 0.17 -0.98	27.03 0.51 -0.88	39.40 0.80 -5.38	38.84 0.93 -4.59	34.14 0.76 -2.96	30.54 0.33 -0.03	32.66 0.38 -0.41	38.07 0.48 -3.62	42.00 0.47 -5.10	45.78 0.58 -6.93	48.60 0.68 -7.70	49.24 0.64 -6.30	63.35 1.06 -14.08	84.89 2.02 -19.84	91.97 2.83 -18.34	112.85 4.08 -25.59	97.19 3.53 -18.64	75.24 2.58 -14.03	55.24 1.65 -7.61	42.51 1.28 -3.46
ORANGEVILLE_WT_PWR 323706	29.65 -2.41 0.07	24.09 -1.94 0.50	21.51 -1.73 0.46	19.77 -1.64 0.48	19.75 -1.62 0.58	23.15 -1.74 0.74	18.23 -2.06 12.93	20.41 -1.86 11.04	21.65 -2.02 7.06	28.08 -2.10 0.07	28.78 -2.10 0.98	23.15 -2.18 8.65	21.89 -2.37 12.17	20.19 -2.37 15.72	22.02 -2.41 15.78	27.78 -2.66 11.85	16.40 -2.84 28.97	15.44 -3.40 44.19	29.55 -3.54 37.71	25.94 -3.91 53.34	31.51 -3.52 39.98	21.22 -2.99 34.43	23.48 -2.67 19.82	27.41 -2.04 8.31
ORANGEVILLE____ESR 323794	29.65 -2.41 0.07	24.09 -1.94 0.50	21.51 -1.73 0.46	19.77 -1.64 0.48	19.75 -1.62 0.58	23.15 -1.74 0.74	18.23 -2.06 12.93	20.41 -1.86 11.04	21.65 -2.02 7.06	28.08 -2.10 0.07	28.78 -2.10 0.98	23.15 -2.18 8.65	21.89 -2.37 12.17	20.19 -2.37 15.72	22.02 -2.41 15.78	27.78 -2.66 11.85	16.40 -2.84 28.97	15.44 -3.40 44.19	29.55 -3.54 37.71	25.94 -3.91 53.34	31.51 -3.52 39.98	21.22 -2.99 34.43	23.48 -2.67 19.82	27.41 -2.04 8.31

OSWEGATCHIE___HYD 24044	31.55 -0.58 0.00	26.01 -0.58 -0.07	23.14 -0.62 -0.07	21.48 -0.48 -0.07	21.58 -0.46 -0.08	25.32 -0.38 -0.06	32.79 -0.43 0.00	32.65 -0.67 0.00	29.78 -0.64 0.00	29.45 -0.72 0.00	31.10 -0.77 0.00	33.16 -0.82 0.00	35.41 -1.02 0.00	37.24 -1.07 -0.03	39.37 -1.21 -0.36	41.27 -1.52 -0.49	47.28 -1.59 -0.66	61.51 -2.27 -0.75	70.05 -1.77 -1.02	83.48 -0.99 -1.29	75.48 -0.37 -0.83	58.16 -0.64 -0.17	45.70 -0.32 -0.05	37.39 -0.38 0.00
OSWEGO___5 23606	31.29 -0.84 0.00	26.08 -0.64 -0.19	23.33 -0.54 -0.18	21.55 -0.53 -0.19	21.65 -0.53 -0.22	25.17 -0.64 -0.17	32.42 -0.80 0.00	32.51 -0.80 0.00	29.66 -0.76 0.00	29.36 -0.81 0.00	30.98 -0.89 0.00	33.03 -0.95 0.00	35.41 -1.02 0.00	37.48 -1.15 -0.35	43.75 -1.25 -4.79	47.50 -1.31 -6.51	55.75 -1.45 -8.98	76.33 -1.76 -15.06	84.25 -1.91 -15.37	100.93 -2.00 -19.75	88.50 -1.95 -15.44	65.98 -1.64 -8.99	49.45 -1.29 -4.77	36.78 -0.98 0.00
OSWEGO___6 23613	31.29 -0.84 0.00	26.08 -0.64 -0.19	23.33 -0.54 -0.18	21.55 -0.53 -0.19	21.65 -0.53 -0.22	25.17 -0.64 -0.17	32.42 -0.80 0.00	32.51 -0.80 0.00	29.66 -0.76 0.00	29.36 -0.81 0.00	30.98 -0.89 0.00	33.03 -0.95 0.00	35.41 -1.02 0.00	37.48 -1.15 -0.35	43.75 -1.25 -4.79	47.50 -1.31 -6.51	55.75 -1.45 -8.98	76.33 -1.76 -15.06	84.25 -1.91 -15.37	100.93 -2.00 -19.75	88.50 -1.95 -15.44	65.98 -1.64 -8.99	49.45 -1.29 -4.77	36.78 -0.98 0.00
OUTOKUMPU-AB___DRP 24206	28.57 -3.53 0.02	23.88 -2.73 -0.09	21.41 -2.37 -0.09	19.75 -2.23 -0.09	19.82 -2.24 -0.10	22.86 -2.77 0.01	26.02 -3.22 3.98	27.12 -2.80 3.40	25.77 -2.46 2.18	27.46 -2.69 0.03	28.62 -2.93 0.31	28.42 -2.89 2.67	29.47 -3.21 3.75	30.11 -3.37 4.80	32.06 -3.34 4.82	35.10 -3.60 3.60	35.31 -4.00 8.91	43.38 -4.92 14.73	53.51 -5.45 11.83	59.71 -6.74 16.74	55.73 -6.30 12.99	41.30 -5.22 12.11	34.50 -4.37 7.10	31.80 -3.40 2.56
OXBOW___BTM 323836	28.25 -3.86 0.02	23.67 -2.95 -0.10	21.27 -2.51 -0.09	19.60 -2.39 -0.09	19.69 -2.37 -0.11	22.63 -3.00 0.01	25.84 -3.52 3.86	26.96 -3.06 3.29	25.57 -2.74 2.12	26.94 -3.20 0.04	28.28 -3.28 0.30	28.16 -3.23 2.59	29.22 -3.57 3.64	29.71 -3.68 4.90	31.47 -3.82 4.92	34.57 -4.06 3.67	34.61 -4.53 9.07	42.47 -5.61 14.95	52.42 -6.37 12.01	58.38 -7.82 16.98	54.66 -7.20 13.15	40.39 -5.98 12.26	34.21 -4.83 6.94	31.58 -3.70 2.48
OXBOW___ 24026	28.25 -3.85 0.02	23.68 -2.94 -0.10	21.27 -2.51 -0.09	19.60 -2.39 -0.09	19.69 -2.37 -0.11	22.63 -3.00 0.01	25.84 -3.52 3.86	26.95 -3.06 3.29	25.57 -2.74 2.12	27.12 -3.02 0.04	28.31 -3.25 0.30	28.19 -3.19 2.59	29.22 -3.57 3.64	29.59 -3.79 4.90	31.51 -3.78 4.92	34.57 -4.06 3.67	34.61 -4.53 9.07	42.47 -5.61 14.95	52.42 -6.37 12.01	58.38 -7.82 16.98	54.66 -7.20 13.15	40.51 -5.86 12.26	34.20 -4.83 6.94	31.50 -3.78 2.48
OXY_CHEM_DSASP 323612	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
OZONE_PARK_ESR 323760	34.44 2.31 0.00	31.44 2.07 -2.84	28.23 1.87 -2.66	26.34 1.66 -2.78	26.93 1.71 -3.26	30.24 2.05 -2.55	35.81 2.59 0.00	36.24 2.93 0.00	33.34 2.92 0.00	33.10 2.93 0.00	35.12 3.25 0.00	37.24 3.26 0.00	40.07 3.64 0.00	42.55 4.25 -0.02	44.81 4.58 -0.02	52.30 4.74 -5.27	60.27 5.30 -6.76	69.59 6.56 0.00	77.80 7.01 0.00	91.59 8.40 0.00	80.94 5.93 0.00	62.97 4.34 0.00	49.56 3.59 0.00	40.56 2.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.90 -4.21 0.02	23.42 -3.21 -0.10	21.06 -2.72 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.73 -3.41 0.04	27.94 -3.63 0.30	27.90 -3.57 2.51	28.90 -4.01 3.52	28.99 -4.29 5.00	30.85 -4.34 5.02	33.86 -4.70 3.74	33.71 -5.26 9.25	41.24 -6.62 15.18	51.11 -7.50 12.19	56.72 -9.23 17.23	53.29 -8.40 13.33	39.48 -6.74 12.41	33.73 -5.47 6.77	31.13 -4.23 2.41
PACKARD___115KV_DUPONT_184 80571	27.90 -4.21 0.02	23.44 -3.18 -0.10	21.09 -2.70 -0.10	19.43 -2.56 -0.10	19.52 -2.55 -0.11	22.33 -3.31 0.00	25.60 -3.89 3.73	26.69 -3.43 3.19	25.30 -3.07 2.05	26.51 -3.62 0.04	27.88 -3.70 0.30	27.83 -3.63 2.51	28.90 -4.01 3.52	29.07 -4.21 5.00	30.81 -4.38 5.02	33.91 -4.65 3.74	33.71 -5.25 9.25	41.30 -6.56 15.18	51.04 -7.57 12.19	56.72 -9.24 17.23	53.29 -8.40 13.33	39.43 -6.80 12.41	33.73 -5.47 6.77	31.20 -4.15 2.41
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.31 2.18 0.00	31.39 2.02 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.14 1.95 -2.55	35.45 2.23 0.00	35.91 2.60 0.00	33.06 2.65 0.01	32.82 2.66 0.01	34.83 2.96 0.01	36.92 2.96 0.01	39.70 3.28 0.01	42.12 3.83 -0.01	44.37 4.14 -0.02	51.80 4.23 -5.27	59.55 4.58 -6.76	68.45 5.42 0.00	76.46 5.66 0.00	90.01 6.82 0.00	79.44 4.43 0.00	61.97 3.34 0.00	49.10 3.13 0.00	40.29 2.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.82 2.70 0.00	31.81 2.44 -2.85	28.54 2.18 -2.67	26.63 1.95 -2.79	27.22 2.00 -3.27	30.55 2.36 -2.55	35.98 2.76 0.00	36.44 3.13 0.00	33.58 3.16 0.01	33.31 3.14 0.01	35.34 3.47 0.01	37.47 3.50 0.01	40.32 3.90 0.01	42.73 4.44 -0.01	45.01 4.79 -0.02	52.52 4.95 -5.27	60.42 5.45 -6.76	69.65 6.62 0.00	77.80 7.01 0.00	91.67 8.48 0.00	80.87 5.85 0.00	63.09 4.46 0.00	49.88 3.91 0.00	40.94 3.17 0.00
PATROON___115KV_TB1 80586	33.25 1.12 0.00	31.08 1.03 -3.52	27.91 0.92 -3.30	26.23 0.90 -3.44	26.85 0.86 -4.04	29.80 1.00 -3.16	34.55 1.33 0.00	34.54 1.23 0.00	31.12 0.70 0.00	30.72 0.54 0.00	32.41 0.54 0.00	34.62 0.65 0.00	37.15 0.73 0.00	39.24 0.96 0.00	41.26 1.05 0.00	43.48 1.18 0.00	49.37 1.16 0.00	64.54 1.51 0.00	72.42 1.63 0.00	85.43 2.25 0.00	76.82 1.80 0.00	60.04 1.41 0.00	47.03 1.06 0.00	38.74 0.98 0.00
PATTRSNVILLE___SOLAR 323815	33.31 1.19 0.00	31.27 1.06 -3.68	28.09 0.95 -3.45	26.37 0.88 -3.60	27.06 0.88 -4.22	29.99 1.05 -3.30	34.55 1.33 0.00	34.28 0.97 0.00	31.03 0.61 0.00	30.60 0.42 0.00	32.22 0.35 0.00	34.39 0.41 0.00	36.86 0.44 0.00	38.86 0.58 0.00	40.90 0.68 0.00	43.10 0.80 0.00	49.42 1.21 0.00	64.73 1.70 0.00	73.06 2.26 0.00	86.68 3.49 0.00	78.17 3.15 0.00	61.09 2.46 0.00	47.81 1.84 0.00	39.20 1.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.63 -2.47 0.02	24.23 -2.39 -0.09	21.39 -2.39 -0.09	19.79 -2.19 -0.09	19.80 -2.26 -0.10	24.03 -1.59 0.02	27.01 -1.83 4.39	28.17 -1.40 3.75	26.80 -1.22 2.41	28.34 -1.81 0.02	30.06 -1.47 0.35	29.57 -1.46 2.94	30.65 -1.64 4.14	33.78 -1.65 2.85	35.86 -1.49 2.86	38.30 -1.82 2.18	40.87 -1.93 5.42	50.91 -2.21 9.91	60.43 -2.69 7.68	68.58 -3.74 10.86	62.94 -3.30 8.78	47.50 -2.46 8.67	36.05 -2.30 7.62	33.12 -1.81 2.83

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.25 2.12 0.00	31.27 1.88 -2.86	28.06 1.68 -2.68	26.18 1.49 -2.80	26.73 1.49 -3.28	30.03 1.82 -2.57	35.55 2.33 0.00	35.81 2.50 0.00	32.82 2.40 0.00	32.53 2.35 0.00	34.55 2.68 0.00	36.66 2.68 0.00	39.41 2.99 0.00	41.77 3.48 0.00	44.03 3.82 0.00	51.56 4.06 -5.20	59.63 4.73 -6.68	69.08 6.05 0.00	77.38 6.58 0.00	91.00 7.82 0.00	80.87 5.85 0.00	62.74 4.10 0.00	49.19 3.22 0.00	40.29 2.53 0.00
PEEKSKILL____ 23653	33.96 1.83 0.00	31.02 1.67 -2.82	27.83 1.49 -2.64	25.99 1.34 -2.76	26.55 1.36 -3.23	29.81 1.64 -2.53	35.28 2.06 0.00	35.61 2.30 0.00	32.67 2.25 0.00	32.47 2.29 0.00	34.36 2.49 0.00	36.53 2.55 0.00	39.23 2.81 0.00	41.46 3.18 0.00	43.83 3.62 0.00	51.23 3.72 -5.21	59.10 4.19 -6.70	68.20 5.17 0.00	76.32 5.53 0.00	89.75 6.57 0.00	79.67 4.65 0.00	61.91 3.28 0.00	48.68 2.71 0.00	39.76 2.00 0.00
PGE MADISON__WINDPWR 24146	33.54 1.41 -0.01	28.62 1.17 -0.93	25.49 0.92 -0.87	23.70 0.90 -0.91	23.88 0.86 -1.07	27.70 1.20 -0.86	36.03 1.73 -1.08	35.73 1.50 -0.92	32.13 1.10 -0.61	30.88 0.69 -0.01	32.59 0.64 -0.08	35.57 0.85 -0.75	38.39 0.91 -1.05	40.83 1.07 -1.47	43.25 1.17 -1.87	45.52 1.02 -2.20	54.09 1.78 -4.09	70.50 3.03 -4.44	79.88 4.53 -4.55	96.24 6.82 -6.23	85.42 6.00 -4.40	65.59 4.28 -2.68	50.46 3.13 -1.36	40.80 2.34 -0.69
PIERCEFIELD____HYD 23852	31.48 -0.64 0.00	25.86 -0.66 0.00	23.01 -0.69 0.00	21.34 -0.55 0.00	21.39 -0.57 0.00	25.13 -0.51 0.00	32.46 -0.76 0.00	32.38 -0.93 0.00	29.60 -0.82 0.00	29.33 -0.84 0.00	31.04 -0.83 0.00	33.13 -0.85 0.00	35.41 -1.02 0.00	37.22 -1.07 -0.01	39.20 -1.21 -0.19	41.04 -1.52 -0.26	46.68 -1.88 -0.35	60.47 -2.96 -0.40	68.57 -2.76 -0.54	81.04 -2.83 -0.68	73.76 -1.73 -0.47	57.20 -1.52 -0.10	45.03 -0.97 -0.03	36.97 -0.79 0.00
PINELAWN_CC_1 323563	38.75 2.86 -3.77	34.10 2.52 -5.06	28.62 2.25 -2.67	26.68 2.01 -2.78	29.48 2.09 -5.44	30.66 2.46 -2.56	38.50 3.12 -2.15	39.04 3.40 -2.33	33.64 3.22 0.00	33.42 3.23 -0.01	41.61 3.44 -6.30	43.32 3.43 -5.91	49.29 3.64 -9.22	51.82 4.02 -9.52	54.45 4.46 -9.78	56.96 4.48 -10.18	60.52 4.97 -7.34	75.02 6.30 -5.69	84.40 6.87 -6.74	91.35 8.16 -0.01	80.79 5.78 0.00	62.79 4.16 0.00	52.62 3.77 -2.88	43.95 2.98 -3.21
PJM_GEN_HTP_PROXY 323702	34.18 2.06 0.00	31.22 1.86 -2.84	28.01 1.66 -2.66	26.16 1.49 -2.78	26.78 1.56 -3.26	30.04 1.85 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.86 2.68 0.00	34.80 2.93 0.00	36.97 2.99 0.00	39.71 3.28 0.00	42.01 3.71 -0.01	44.41 4.18 -0.01	51.86 4.27 -5.29	59.78 4.77 -6.79	68.89 5.86 0.00	77.74 6.23 -0.71	89.42 7.40 1.16	80.57 5.10 -0.45	62.33 3.70 0.00	49.10 3.13 0.00	40.03 2.27 0.00
PJM_GEN_KEystone 24065	31.70 -0.42 0.01	27.90 -0.27 -1.64	24.97 -0.26 -1.54	23.21 -0.29 -1.61	23.55 -0.29 -1.88	26.93 -0.15 -1.45	29.90 -0.13 3.19	32.50 0.20 1.01	30.08 0.30 0.64	30.38 0.21 0.01	32.07 0.29 0.09	33.43 0.24 0.79	35.61 0.29 1.11	37.49 0.50 1.29	39.64 0.72 1.29	44.72 0.64 -1.79	50.16 0.82 -1.13	59.70 0.95 4.28	69.00 0.85 2.65	78.10 0.83 5.92	71.70 0.00 3.32	54.76 -0.23 3.64	43.56 -0.14 2.27	36.74 -0.26 0.76
PJM_GEN_NEPTUNE_PROXY 323594	37.66 2.34 -3.19	33.33 2.09 -4.72	28.24 1.87 -2.67	26.36 1.69 -2.78	28.79 1.73 -5.10	30.25 2.05 -2.56	37.67 2.62 -1.82	38.15 2.87 -1.97	33.19 2.77 0.00	32.96 2.77 -0.01	40.16 2.96 -5.33	41.93 2.95 -5.00	47.40 3.17 -7.80	49.82 3.48 -8.05	52.38 3.90 -8.27	55.57 3.85 -9.42	59.71 4.24 -7.26	73.14 5.30 -4.81	82.87 5.67 -6.41	88.85 6.82 1.16	80.12 4.65 -0.45	61.91 3.28 0.00	51.44 3.03 -2.43	42.86 2.38 -2.71
PJM_GEN_VFT_PROXY 323633	34.08 1.96 0.00	31.12 1.75 -2.84	27.92 1.56 -2.66	26.07 1.40 -2.78	26.69 1.47 -3.26	29.93 1.74 -2.55	35.41 2.19 0.00	35.84 2.53 0.00	32.98 2.56 0.00	32.80 2.62 0.00	34.77 2.90 0.00	36.86 2.89 0.00	39.63 3.21 0.00	41.94 3.64 -0.02	44.33 4.10 -0.02	51.78 4.19 -5.29	59.58 4.58 -6.79	68.58 5.55 0.00	77.38 5.87 -0.71	89.09 7.07 1.16	80.20 4.73 -0.45	62.03 3.40 0.00	48.96 2.99 0.00	39.91 2.15 0.00
PLATSBURG_115KV_PMLD1 355749	32.00 -0.13 0.00	26.31 -0.21 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.78 -0.18 0.00	25.51 -0.13 0.00	32.96 -0.27 0.00	33.05 -0.27 0.00	30.30 -0.12 0.00	30.12 -0.06 0.00	31.87 0.00 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.26 -0.04 0.00	48.17 -0.05 0.00	62.84 -0.19 0.00	70.72 -0.07 0.00	82.85 -0.33 0.00	74.87 -0.15 0.00	58.22 -0.41 0.00	45.60 -0.37 0.00	37.50 -0.26 0.00
PLEASANTVLY____LBMP 24000	33.83 1.70 0.00	31.01 1.54 -2.95	27.85 1.40 -2.76	26.02 1.25 -2.88	26.61 1.27 -3.38	29.80 1.51 -2.65	35.15 1.93 0.00	35.44 2.13 0.00	32.46 2.04 0.00	32.17 1.99 0.00	34.10 2.23 0.00	36.22 2.24 0.00	38.90 2.48 0.00	41.23 2.95 0.00	43.39 3.18 0.00	51.15 3.26 -5.60	59.03 3.62 -7.20	67.51 4.48 0.00	75.54 4.74 0.00	88.84 5.66 0.00	79.07 4.05 0.00	61.45 2.81 0.00	48.36 2.39 0.00	39.65 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.05 1.93 0.00	31.13 1.75 -2.86	27.96 1.59 -2.68	26.09 1.40 -2.80	26.66 1.43 -3.28	29.92 1.72 -2.56	35.38 2.16 0.00	35.74 2.43 0.00	32.79 2.37 0.00	32.53 2.35 0.00	34.51 2.65 0.00	36.63 2.65 0.00	39.38 2.95 0.00	41.73 3.45 0.00	43.99 3.78 0.00	51.45 3.85 -5.30	59.37 4.34 -6.81	68.45 5.42 0.00	76.60 5.81 0.00	90.01 6.82 0.00	79.89 4.88 0.00	62.09 3.46 0.00	48.82 2.85 0.00	39.99 2.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.05 1.93 0.00	31.13 1.75 -2.86	27.96 1.59 -2.68	26.09 1.40 -2.80	26.66 1.43 -3.28	29.92 1.72 -2.56	35.38 2.16 0.00	35.74 2.43 0.00	32.79 2.37 0.00	32.53 2.35 0.00	34.51 2.65 0.00	36.63 2.65 0.00	39.38 2.95 0.00	41.73 3.45 0.00	43.99 3.78 0.00	51.45 3.85 -5.30	59.37 4.34 -6.81	68.45 5.42 0.00	76.60 5.81 0.00	90.01 6.82 0.00	79.89 4.88 0.00	62.09 3.46 0.00	48.82 2.85 0.00	39.99 2.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.99 1.86 0.00	31.11 1.67 -2.91	27.91 1.49 -2.73	26.07 1.34 -2.85	26.64 1.34 -3.34	29.87 1.62 -2.61	35.28 2.06 0.00	35.54 2.23 0.00	32.52 2.10 0.00	32.20 2.02 0.00	34.13 2.26 0.00	36.29 2.31 0.00	39.01 2.59 0.00	41.38 3.10 0.00	43.59 3.38 0.00	50.55 3.51 -4.74	58.36 4.05 -6.10	68.26 5.23 0.00	76.39 5.59 0.00	89.92 6.74 0.00	80.04 5.03 0.00	62.15 3.52 0.00	48.82 2.85 0.00	39.99 2.23 0.00
POLETTI____ 23519	34.21 2.09 0.00	31.22 1.86 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.51 2.29 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.84 4.27 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00

POMONA___ESR 323819	33.92 1.80 0.00	30.92 1.62 -2.77	27.74 1.45 -2.60	25.90 1.29 -2.71	26.46 1.32 -3.18	29.72 1.59 -2.49	35.21 1.99 0.00	35.58 2.27 0.00	32.64 2.22 0.00	32.41 2.23 0.00	34.29 2.42 0.00	36.46 2.48 0.00	39.19 2.77 0.00	41.42 3.14 0.00	43.83 3.62 0.00	51.04 3.68 -5.06	58.91 4.19 -6.51	68.26 5.23 0.00	76.39 5.59 0.00	89.75 6.57 0.00	79.67 4.65 0.00	61.91 3.28 0.00	48.68 2.71 0.00	39.76 2.00 0.00
PORT_JEFF_3 23555	38.64 3.12 -3.40	34.09 2.73 -4.84	28.78 2.42 -2.67	26.82 2.15 -2.78	29.42 2.24 -5.22	30.86 2.67 -2.56	38.59 3.42 -1.94	39.04 3.63 -2.10	33.80 3.38 0.00	33.56 3.38 -0.01	41.14 3.60 -5.67	42.90 3.60 -5.32	48.52 3.79 -8.31	50.99 4.14 -8.57	53.60 4.58 -8.81	56.60 4.61 -9.69	60.66 5.16 -7.29	74.66 6.49 -5.13	84.02 7.15 -6.08	91.60 8.40 -0.02	81.09 6.07 0.00	63.03 4.40 0.00	52.47 3.91 -2.59	43.67 3.02 -2.89
PORT_JEFF_4 23616	38.64 3.12 -3.40	34.09 2.73 -4.84	28.78 2.42 -2.67	26.82 2.15 -2.78	29.42 2.24 -5.22	30.86 2.67 -2.56	38.59 3.42 -1.94	39.04 3.63 -2.10	33.80 3.38 0.00	33.56 3.38 -0.01	41.14 3.60 -5.67	42.90 3.60 -5.32	48.52 3.79 -8.31	50.99 4.14 -8.57	53.60 4.58 -8.81	56.60 4.61 -9.69	60.66 5.16 -7.29	74.66 6.49 -5.13	84.02 7.15 -6.08	91.60 8.40 -0.02	81.09 6.07 0.00	63.03 4.40 0.00	52.47 3.91 -2.59	43.67 3.02 -2.89
PORT_JEFF_IC 23713	38.68 3.15 -3.41	34.15 2.79 -4.84	28.85 2.49 -2.67	26.86 2.19 -2.78	29.47 2.28 -5.23	30.92 2.72 -2.56	38.63 3.46 -1.95	39.11 3.70 -2.10	33.86 3.44 0.00	33.56 3.38 -0.01	41.23 3.67 -5.70	42.89 3.57 -5.35	48.63 3.86 -8.34	51.25 4.36 -8.61	53.72 4.66 -8.84	56.68 4.70 -9.68	60.73 5.26 -7.26	74.93 6.74 -5.15	84.26 7.36 -6.11	91.86 8.65 -0.02	81.32 6.30 0.00	63.15 4.51 0.00	52.57 4.00 -2.60	43.91 3.25 -2.90
PPL PILGRIM_ST_GT1 24216	38.71 3.12 -3.47	34.13 2.73 -4.88	28.78 2.42 -2.67	26.84 2.17 -2.78	29.48 2.26 -5.26	30.89 2.69 -2.56	38.62 3.42 -1.98	39.12 3.66 -2.14	33.86 3.44 0.00	33.62 3.44 -0.01	41.32 3.66 -5.79	43.08 3.67 -5.43	48.80 3.90 -8.48	51.28 4.25 -8.75	53.90 4.70 -8.99	56.77 4.69 -9.78	60.77 5.26 -7.30	74.69 6.43 -5.23	84.07 7.08 -6.19	91.51 8.32 -0.01	81.02 6.00 0.00	62.97 4.34 0.00	52.66 4.05 -2.64	43.92 3.21 -2.95
PPL PILGRIM_ST_GT2 24217	38.71 3.12 -3.47	34.13 2.73 -4.88	28.78 2.42 -2.67	26.84 2.17 -2.78	29.48 2.26 -5.26	30.89 2.69 -2.56	38.62 3.42 -1.98	39.12 3.66 -2.14	33.86 3.44 0.00	33.62 3.44 -0.01	41.32 3.66 -5.79	43.08 3.67 -5.43	48.80 3.90 -8.48	51.28 4.25 -8.75	53.90 4.70 -8.99	56.77 4.69 -9.78	60.77 5.26 -7.30	74.69 6.43 -5.23	84.07 7.08 -6.19	91.51 8.32 -0.01	81.02 6.00 0.00	62.97 4.34 0.00	52.66 4.05 -2.64	43.92 3.21 -2.95
PPL_SHRM_GT3 24213	38.84 3.31 -3.40	34.26 2.89 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.55 2.37 -5.22	31.02 2.82 -2.56	38.79 3.62 -1.94	39.21 3.80 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.25 3.70 -5.69	43.01 3.70 -5.33	48.65 3.90 -8.32	51.16 4.29 -8.59	53.78 4.74 -8.82	56.82 4.82 -9.70	61.00 5.49 -7.29	75.17 7.00 -5.14	84.60 7.72 -6.09	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.75 4.18 -2.60	43.76 3.10 -2.89
PPL_SHRM_GT4 24214	38.84 3.31 -3.40	34.26 2.89 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.55 2.37 -5.22	31.02 2.82 -2.56	38.79 3.62 -1.94	39.21 3.80 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.25 3.70 -5.69	43.01 3.70 -5.33	48.65 3.90 -8.32	51.16 4.29 -8.59	53.78 4.74 -8.82	56.82 4.82 -9.70	61.00 5.49 -7.29	75.17 7.00 -5.14	84.60 7.72 -6.09	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.75 4.18 -2.60	43.76 3.10 -2.89
PROJECT___ORANGE 1 24174	31.61 -0.51 0.00	26.39 -0.37 -0.24	23.61 -0.31 -0.23	21.82 -0.31 -0.24	21.93 -0.31 -0.28	25.47 -0.38 -0.22	32.79 -0.43 0.00	32.91 -0.40 0.00	30.05 -0.37 0.00	29.75 -0.42 0.00	31.36 -0.51 0.00	33.47 -0.51 0.00	35.88 -0.55 0.00	37.60 -0.73 -0.05	40.13 -0.72 -0.64	42.45 -0.72 -0.87	48.55 -0.77 -1.10	62.74 -0.88 -0.59	71.47 -0.85 -1.52	84.32 -0.75 -1.88	75.22 -0.83 -1.03	57.27 -0.76 0.60	44.85 -0.64 0.48	37.20 -0.57 0.00
PROJECT___ORANGE 2 24166	31.61 -0.51 0.00	26.39 -0.37 -0.24	23.61 -0.31 -0.23	21.82 -0.31 -0.24	21.93 -0.31 -0.28	25.47 -0.38 -0.22	32.79 -0.43 0.00	32.91 -0.40 0.00	30.05 -0.37 0.00	29.75 -0.42 0.00	31.36 -0.51 0.00	33.47 -0.51 0.00	35.88 -0.55 0.00	37.60 -0.73 -0.05	40.13 -0.72 -0.64	42.45 -0.72 -0.87	48.55 -0.77 -1.10	62.74 -0.88 -0.59	71.47 -0.85 -1.52	84.32 -0.75 -1.88	75.22 -0.83 -1.03	57.27 -0.76 0.60	44.85 -0.64 0.48	37.20 -0.57 0.00
PUCKETT___SOLAR 323809	32.29 0.16 0.00	27.63 0.16 -0.95	24.68 0.10 -0.89	22.91 0.09 -0.93	23.11 0.07 -1.09	26.76 0.26 -0.87	34.35 0.43 -0.69	34.31 0.40 -0.59	31.04 0.24 -0.38	30.18 0.00 0.00	31.86 -0.06 -0.05	34.41 -0.03 -0.47	37.05 -0.04 -0.66	39.27 0.04 -0.95	41.64 0.08 -1.35	43.83 0.04 -1.49	51.26 0.34 -2.70	66.95 0.88 -3.04	75.47 1.34 -3.33	89.86 2.16 -4.52	79.93 1.80 -3.12	61.48 1.23 -1.62	47.56 0.83 -0.77	38.81 0.60 -0.45
PYRITES___HYD 24023	32.03 -0.10 0.00	26.29 -0.24 0.00	23.36 -0.33 0.00	21.69 -0.20 0.00	21.74 -0.22 0.00	25.54 -0.10 0.00	32.99 -0.23 0.00	32.78 -0.53 0.00	29.90 -0.52 0.00	29.60 -0.57 0.00	31.33 -0.54 0.00	33.43 -0.54 0.00	35.77 -0.66 0.00	37.61 -0.69 -0.01	39.58 -0.80 -0.17	41.56 -0.97 -0.23	47.37 -1.16 -0.31	61.43 -1.95 -0.36	69.86 -1.42 -0.48	82.80 -1.00 -0.61	75.44 0.00 -0.42	58.54 -0.18 -0.09	45.99 0.00 -0.02	37.73 -0.04 0.00
QUAKERRD_115KV_BK1 80622	29.78 -2.35 0.00	25.09 -1.67 -0.23	22.51 -1.40 -0.22	20.76 -1.36 -0.23	20.88 -1.34 -0.27	23.85 -1.97 -0.19	29.99 -2.39 0.84	30.40 -2.20 0.72	27.97 -1.98 0.47	28.42 -1.75 0.00	29.54 -2.26 0.06	31.05 -2.34 0.58	33.10 -2.51 0.82	34.37 -2.79 1.12	36.28 -2.81 1.12	38.58 -2.88 0.85	42.85 -3.18 2.19	54.35 -3.84 4.83	63.63 -3.89 3.27	73.98 -4.58 4.63	66.60 -4.35 4.06	50.24 -3.75 4.64	40.09 -3.17 2.70	34.58 -2.64 0.54
QUENSBRY_115KV_TB8 356137	34.28 2.15 0.00	32.00 1.88 -3.59	28.77 1.71 -3.37	26.96 1.55 -3.52	27.64 1.56 -4.12	30.74 1.87 -3.23	35.68 2.46 0.00	35.44 2.13 0.00	31.97 1.55 0.00	31.44 1.27 0.00	33.11 1.24 0.00	35.57 1.60 0.00	38.10 1.68 0.00	40.23 1.95 0.00	42.38 2.17 0.00	44.88 2.58 0.00	51.59 3.38 0.00	67.38 4.35 0.00	75.54 4.74 0.00	90.09 6.90 0.00	81.09 6.08 0.00	63.67 5.04 0.00	49.46 3.49 0.00	40.67 2.91 0.00
RAMAPO___LBMP 323565	33.80 1.67 0.00	30.82 1.54 -2.75	27.67 1.40 -2.58	25.81 1.23 -2.70	26.37 1.25 -3.16	29.62 1.51 -2.47	35.12 1.89 0.00	35.48 2.17 0.00	32.52 2.10 0.00	32.26 2.08 0.00	34.23 2.36 0.00	36.32 2.34 0.00	39.05 2.62 0.00	41.42 3.14 0.00	43.63 3.42 0.00	50.78 3.51 -4.97	58.56 3.95 -6.40	67.89 4.85 0.00	75.96 5.17 0.00	89.26 6.07 0.00	79.29 4.28 0.00	61.62 2.99 0.00	48.50 2.53 0.00	39.69 1.93 0.00

RANKINE____ 23646	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.37 -2.20 0.07	25.81 -2.62 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	28.07 -2.08 0.03	29.23 -2.26 0.38	28.45 -2.31 3.21	29.36 -2.55 4.51	30.72 -2.64 4.92	32.74 -2.53 4.94	35.80 -2.79 3.71	36.02 -3.04 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.76 -4.80 13.46	42.17 -3.93 12.53	34.34 -3.40 8.22	31.96 -2.72 3.08
RAVENSWOOD_GT2_1 24244	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.80 4.23 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
RAVENSWOOD_GT2_2 24245	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.80 4.23 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
RAVENSWOOD_GT2_3 24246	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.83 2.66 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.74 3.31 0.00	42.16 3.87 -0.02	44.41 4.18 -0.02	51.84 4.27 -5.27	59.74 4.77 -6.76	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.12 5.10 0.00	62.33 3.69 0.00	49.14 3.17 0.00	40.22 2.45 0.00
RAVENSWOOD_GT2_4 24247	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.83 2.66 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.74 3.31 0.00	42.16 3.87 -0.02	44.41 4.18 -0.02	51.84 4.27 -5.27	59.74 4.77 -6.76	68.89 5.86 0.00	77.03 6.23 0.00	90.59 7.40 0.00	80.12 5.10 0.00	62.33 3.69 0.00	49.14 3.17 0.00	40.22 2.45 0.00
RAVENSWOOD_GT3_1 24248	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.41 4.18 -0.02	51.84 4.27 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.22 2.45 0.00
RAVENSWOOD_GT3_2 24249	34.21 2.09 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.41 4.18 -0.02	51.84 4.27 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.50 7.32 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.22 2.45 0.00
RAVENSWOOD_GT3_3 24250	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.01 2.70 0.00	33.10 2.68 0.00	32.86 2.69 0.00	34.87 3.00 0.00	36.97 2.99 0.00	39.78 3.35 0.00	42.20 3.90 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.79 4.82 -6.76	68.96 5.92 0.00	77.10 6.30 0.00	90.67 7.49 0.00	80.19 5.18 0.00	62.38 3.75 0.00	49.19 3.22 0.00	40.26 2.49 0.00
RAVENSWOOD_GT3_4 24251	34.25 2.12 0.00	31.28 1.91 -2.84	28.09 1.73 -2.66	26.20 1.53 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.01 2.70 0.00	33.10 2.68 0.00	32.86 2.69 0.00	34.87 3.00 0.00	36.97 2.99 0.00	39.78 3.35 0.00	42.20 3.90 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.79 4.82 -6.76	68.96 5.92 0.00	77.10 6.30 0.00	90.67 7.49 0.00	80.19 5.18 0.00	62.38 3.75 0.00	49.19 3.22 0.00	40.26 2.49 0.00
RAVENSWOOD_GT_1 23729	34.34 2.22 0.00	31.36 1.99 -2.85	28.19 1.82 -2.67	26.30 1.62 -2.79	26.90 1.67 -3.27	30.16 1.97 -2.55	35.61 2.39 0.00	36.08 2.76 0.00	33.23 2.80 -0.01	32.96 2.78 -0.01	35.00 3.12 -0.01	37.11 3.13 -0.01	39.90 3.46 -0.01	42.32 4.02 -0.02	44.57 4.34 -0.02	52.01 4.44 -5.27	59.79 4.82 -6.76	68.77 5.74 0.00	76.81 6.02 0.00	90.42 7.24 0.00	79.82 4.80 0.00	62.27 3.64 0.00	49.23 3.26 0.00	40.33 2.57 0.00
RAVENSWOOD_GT_10 24258	34.21 2.09 0.00	31.22 1.86 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.80 4.23 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
RAVENSWOOD_GT_11 24259	34.21 2.09 0.00	31.22 1.86 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.80 4.23 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
RAVENSWOOD_GT_4 24252	34.24 2.12 0.00	31.28 1.91 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.10 2.68 -0.01	32.87 2.69 -0.01	34.87 3.00 -0.01	36.97 2.99 -0.01	39.79 3.35 -0.01	42.17 3.87 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.74 4.77 -6.76	68.83 5.80 0.00	76.88 6.09 0.00	90.50 7.32 0.00	79.97 4.95 0.00	62.27 3.64 0.00	49.14 3.17 0.00	40.22 2.45 0.00
RAVENSWOOD_GT_5 24254	34.24 2.12 0.00	31.28 1.91 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.10 2.68 -0.01	32.87 2.69 -0.01	34.87 3.00 -0.01	36.97 2.99 -0.01	39.79 3.35 -0.01	42.17 3.87 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.74 4.77 -6.76	68.83 5.80 0.00	76.88 6.09 0.00	90.50 7.32 0.00	79.97 4.95 0.00	62.27 3.64 0.00	49.14 3.17 0.00	40.22 2.45 0.00
RAVENSWOOD_GT_6 24253	34.24 2.12 0.00	31.28 1.91 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.10 2.68 -0.01	32.87 2.69 -0.01	34.87 3.00 -0.01	36.97 2.99 -0.01	39.79 3.35 -0.01	42.17 3.87 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.74 4.77 -6.76	68.83 5.80 0.00	76.88 6.09 0.00	90.50 7.32 0.00	79.97 4.95 0.00	62.27 3.64 0.00	49.14 3.17 0.00	40.22 2.45 0.00

RAVENSWOOD_GT_7 24255	34.24 2.12 0.00	31.28 1.91 -2.85	28.09 1.73 -2.67	26.21 1.53 -2.79	26.83 1.60 -3.27	30.09 1.90 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.10 2.68 -0.01	32.87 2.69 -0.01	34.87 3.00 -0.01	36.97 2.99 -0.01	39.79 3.35 -0.01	42.17 3.87 -0.02	44.45 4.22 -0.02	51.88 4.31 -5.27	59.74 4.77 -6.76	68.83 5.80 0.00	76.88 6.09 0.00	90.50 7.32 0.00	79.97 4.95 0.00	62.27 3.64 0.00	49.14 3.17 0.00	40.22 2.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.21 2.09 0.00	31.22 1.86 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.80 4.23 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
RAVENSWOOD_GT_9 24257	34.21 2.09 0.00	31.22 1.86 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.33 0.00	35.98 2.66 0.00	33.07 2.65 0.00	32.80 2.63 0.00	34.83 2.96 0.00	36.93 2.96 0.00	39.70 3.28 0.00	42.13 3.83 -0.02	44.37 4.14 -0.02	51.80 4.23 -5.27	59.70 4.73 -6.76	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.27 3.64 0.00	49.10 3.13 0.00	40.18 2.42 0.00
RAVENSWOOD___1 23533	34.31 2.19 0.00	31.36 1.99 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.89 1.67 -3.27	30.16 1.97 -2.55	35.62 2.39 0.00	36.04 2.73 0.00	33.20 2.77 -0.01	33.02 2.84 -0.01	34.97 3.09 -0.01	37.11 3.12 -0.01	39.90 3.46 -0.01	42.17 3.86 -0.02	44.57 4.34 -0.02	51.99 4.40 -5.30	59.82 4.82 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.42 7.23 0.00	79.75 4.73 0.00	62.27 3.64 0.00	49.19 3.22 0.00	40.18 2.42 0.00
RAVENSWOOD___2 23534	34.31 2.19 0.00	31.36 1.99 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.58 2.36 0.00	36.01 2.70 0.00	33.20 2.77 -0.01	33.02 2.84 -0.01	34.94 3.06 -0.01	37.11 3.12 -0.01	39.86 3.42 -0.01	42.13 3.83 -0.02	44.53 4.30 -0.02	51.99 4.40 -5.30	59.78 4.77 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.34 7.15 0.00	79.75 4.73 0.00	62.27 3.64 0.00	49.19 3.22 0.00	40.14 2.38 0.00
RAVENSWOOD___3 23535	34.21 2.09 0.00	31.25 1.88 -2.84	28.04 1.68 -2.66	26.18 1.51 -2.78	26.78 1.56 -3.26	30.06 1.87 -2.55	35.55 2.32 0.00	35.94 2.63 0.00	33.07 2.65 0.00	32.89 2.72 0.00	34.80 2.93 0.00	36.97 2.99 0.00	39.74 3.31 0.00	42.01 3.71 -0.02	44.41 4.18 -0.02	51.86 4.27 -5.30	59.78 4.77 -6.79	68.83 5.80 0.00	76.95 6.16 0.00	90.59 7.40 0.00	80.04 5.03 0.00	62.33 3.70 0.00	49.10 3.13 0.00	40.07 2.30 0.00
RAVENSWOOD___4 23820	34.31 2.19 0.00	31.34 1.96 -2.85	28.14 1.78 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.58 2.36 0.00	36.01 2.70 0.00	33.19 2.77 -0.01	32.99 2.81 -0.01	34.94 3.06 -0.01	37.11 3.12 -0.01	39.86 3.42 -0.01	42.13 3.83 -0.02	44.53 4.30 -0.02	51.99 4.40 -5.29	59.78 4.77 -6.79	68.77 5.74 0.00	76.81 6.01 0.00	90.34 7.15 0.00	79.75 4.73 0.00	62.27 3.64 0.00	49.19 3.22 0.00	40.14 2.38 0.00
RCPL_TRUST___DRP 24196	34.25 2.12 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.86 2.69 0.00	34.90 3.03 0.00	36.97 2.99 0.00	39.78 3.35 0.00	42.20 3.90 -0.01	44.49 4.26 -0.01	51.92 4.36 -5.27	59.84 4.87 -6.75	69.08 6.05 0.00	77.10 6.30 0.00	90.75 7.57 0.00	80.19 5.18 0.00	62.38 3.75 0.00	49.14 3.17 0.00	40.22 2.45 0.00
RED___ROCHESTER 323720	30.32 -1.80 0.00	25.58 -1.19 -0.25	22.98 -0.95 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.28 -1.56 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	28.84 -1.33 0.00	30.18 -1.62 0.06	31.72 -1.70 0.56	33.85 -1.78 0.79	35.30 -1.91 1.07	37.13 -2.01 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.33 -2.27 3.20	75.99 -2.67 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.42 -1.81 0.53
REGAN___SOLAR 323812	33.99 1.86 0.00	31.96 1.62 -3.81	28.71 1.45 -3.57	26.96 1.34 -3.73	27.67 1.34 -4.38	30.68 1.62 -3.42	35.05 1.83 0.00	34.35 1.03 0.00	30.81 0.39 0.00	30.18 0.00 0.00	31.71 -0.16 0.00	33.94 -0.03 0.00	36.32 -0.11 0.00	38.32 0.04 0.00	40.42 0.20 0.00	42.76 0.47 0.00	49.27 1.06 0.00	64.79 1.76 0.00	73.98 3.19 0.00	89.09 5.91 0.00	80.79 5.78 0.00	63.09 4.45 0.00	49.19 3.22 0.00	40.18 2.42 0.00
RENSSELAER___COGEN 23796	33.12 1.00 0.00	30.91 0.90 -3.49	27.79 0.83 -3.27	26.09 0.79 -3.41	26.73 0.77 -4.00	29.64 0.87 -3.13	34.42 1.19 0.00	34.45 1.13 0.00	31.00 0.58 0.00	30.66 0.48 0.00	32.32 0.45 0.00	34.49 0.51 0.00	37.01 0.58 0.00	39.01 0.73 0.00	41.10 0.88 0.00	43.27 0.97 0.00	49.08 0.87 0.00	64.17 1.14 0.00	71.92 1.13 0.00	84.68 1.50 0.00	76.21 1.20 0.00	59.57 0.94 0.00	46.70 0.73 0.00	38.40 0.64 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.37 3.24 0.00	32.93 2.81 -3.59	29.62 2.56 -3.37	27.75 2.34 -3.52	28.43 2.35 -4.12	31.66 2.79 -3.23	36.91 3.69 0.00	36.41 3.10 0.00	32.70 2.28 0.00	32.05 1.87 0.00	33.65 1.78 0.00	36.39 2.41 0.00	38.90 2.48 0.00	41.11 2.83 0.00	43.31 3.10 0.00	46.06 3.76 0.00	53.23 5.01 0.00	69.40 6.37 0.00	78.30 7.50 0.00	94.33 11.15 0.00	85.14 10.13 0.00	67.02 8.38 0.00	51.67 5.70 0.00	42.33 4.57 0.00
REVERE_CPPR_DRP 24186	32.70 0.58 0.00	27.11 0.45 -0.13	24.17 0.36 -0.12	22.39 0.37 -0.13	22.46 0.35 -0.15	26.27 0.51 -0.12	33.99 0.76 0.00	33.91 0.60 0.00	30.85 0.43 0.00	30.45 0.27 0.00	32.09 0.22 0.00	34.28 0.31 0.00	36.72 0.29 0.00	38.65 0.34 -0.02	40.89 0.36 -0.32	43.02 0.30 -0.43	49.49 0.72 -0.55	64.46 1.07 -0.35	73.41 1.84 -0.78	87.31 3.16 -0.97	78.34 2.78 -0.55	60.28 1.88 0.22	47.16 1.38 0.19	38.74 0.98 0.00
REYNLDDPA_13_KV_LD 356490	32.06 -0.06 0.00	26.34 -0.18 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.81 -0.15 0.00	25.51 -0.13 0.00	32.95 -0.27 0.00	32.98 -0.33 0.00	30.21 -0.21 0.00	30.00 -0.18 0.00	31.74 -0.13 0.00	33.91 -0.07 0.00	36.32 -0.11 0.00	38.13 -0.15 0.00	39.97 -0.24 0.00	42.13 -0.17 0.00	47.98 -0.24 0.00	61.90 -1.13 0.00	69.74 -1.06 0.00	81.69 -1.49 0.00	74.04 -0.98 0.00	57.99 -0.64 0.00	45.79 -0.18 0.00	37.69 -0.08 0.00
REYNOLDS_115KV_TB3 80639	33.31 1.19 0.00	31.11 1.09 -3.49	27.94 0.97 -3.27	26.23 0.92 -3.42	26.87 0.90 -4.01	29.83 1.05 -3.14	34.62 1.40 0.00	34.64 1.33 0.00	31.27 0.85 0.00	30.90 0.72 0.00	32.57 0.70 0.00	34.76 0.78 0.00	37.30 0.87 0.00	39.39 1.11 0.00	41.42 1.21 0.00	43.65 1.35 0.00	49.57 1.35 0.00	64.86 1.83 0.00	72.64 1.84 0.00	85.51 2.33 0.00	77.04 2.03 0.00	60.16 1.52 0.00	47.21 1.24 0.00	38.90 1.13 0.00

RIVERBAY____ 323610	34.82 2.70 0.00	31.81 2.44 -2.85	28.54 2.18 -2.67	26.63 1.95 -2.79	27.22 2.00 -3.27	30.55 2.36 -2.55	35.98 2.76 0.00	36.44 3.13 0.00	33.58 3.16 0.01	33.31 3.14 0.01	35.34 3.47 0.01	37.47 3.50 0.01	40.32 3.90 0.01	42.73 4.44 -0.01	45.01 4.79 -0.02	52.52 4.95 -5.27	60.42 5.45 -6.76	69.65 6.62 0.00	77.80 7.01 0.00	91.67 8.48 0.00	80.87 5.85 0.00	63.09 4.46 0.00	49.88 3.91 0.00	40.94 3.17 0.00
RIVERSIDE_115KV_TB3 55908	33.25 1.12 0.00	31.06 1.03 -3.50	27.90 0.92 -3.28	26.21 0.90 -3.43	26.83 0.86 -4.02	29.76 0.97 -3.14	34.55 1.33 0.00	34.58 1.27 0.00	31.15 0.73 0.00	30.75 0.57 0.00	32.44 0.57 0.00	34.66 0.68 0.00	37.15 0.73 0.00	39.24 0.96 0.00	41.30 1.09 0.00	43.48 1.18 0.00	49.37 1.16 0.00	64.61 1.58 0.00	72.42 1.63 0.00	85.26 2.08 0.00	76.74 1.73 0.00	59.98 1.35 0.00	47.03 1.06 0.00	38.74 0.98 0.00
ROARING____BROOK_WT_PWR 323790	31.58 -0.55 0.00	26.05 -0.48 0.00	23.27 -0.43 0.00	21.52 -0.37 0.00	21.61 -0.35 0.00	25.25 -0.38 0.00	32.72 -0.50 0.00	32.88 -0.43 0.00	30.15 -0.27 0.00	29.93 -0.24 0.00	31.65 -0.22 0.00	33.70 -0.27 0.00	36.06 -0.36 0.00	37.90 -0.38 0.00	39.77 -0.44 0.00	41.79 -0.51 0.00	47.64 -0.58 0.00	62.28 -0.75 0.00	70.02 -0.78 0.00	82.19 -0.99 0.00	73.97 -1.05 0.00	57.69 -0.94 0.00	45.14 -0.83 0.00	37.08 -0.68 0.00
ROCHESRG_115KV_T4 355643	29.97 -2.15 0.00	25.28 -1.49 -0.24	22.71 -1.21 -0.22	20.94 -1.18 -0.23	21.06 -1.16 -0.27	23.98 -1.85 -0.19	30.08 -2.19 0.95	30.57 -1.93 0.81	28.16 -1.73 0.53	28.69 -1.48 0.01	29.79 -2.01 0.07	31.22 -2.11 0.65	33.25 -2.26 0.91	34.55 -2.49 1.25	36.47 -2.49 1.25	38.78 -2.58 0.94	43.00 -2.80 2.42	54.43 -3.34 5.26	63.77 -3.40 3.63	74.06 -3.99 5.13	66.74 -3.83 4.45	50.31 -3.34 4.98	40.17 -2.90 2.90	34.77 -2.38 0.61
ROCHESTER_9_IC 23652	30.19 -1.93 0.00	25.48 -1.30 -0.25	22.89 -1.04 -0.24	21.11 -1.03 -0.25	21.24 -1.01 -0.29	24.18 -1.67 -0.21	30.49 -1.96 0.77	30.99 -1.67 0.65	28.50 -1.49 0.43	28.90 -1.27 0.00	30.03 -1.78 0.06	31.62 -1.83 0.53	33.72 -1.97 0.74	35.11 -2.18 0.99	37.05 -2.17 0.99	39.35 -2.20 0.74	43.91 -2.36 1.94	55.81 -2.71 4.51	65.19 -2.62 2.99	75.88 -3.08 4.23	68.18 -3.08 3.76	51.48 -2.76 4.39	40.89 -2.48 2.60	35.23 -2.04 0.49
ROCKVIEW_13_KV_LD 356306	34.18 2.06 0.00	31.22 1.86 -2.84	28.04 1.68 -2.66	26.16 1.49 -2.78	26.76 1.54 -3.26	30.04 1.85 -2.55	35.55 2.33 0.00	35.91 2.60 0.00	32.98 2.56 0.00	32.71 2.53 0.00	34.74 2.87 0.00	36.83 2.85 0.00	39.60 3.17 0.00	42.00 3.71 0.00	44.27 4.06 0.00	51.70 4.15 -5.25	59.65 4.68 -6.75	68.89 5.86 0.00	77.10 6.30 0.00	90.59 7.40 0.00	80.34 5.33 0.00	62.38 3.75 0.00	49.10 3.13 0.00	40.18 2.42 0.00
ROME____115KV_TB2 80656	32.70 0.58 0.00	27.11 0.45 -0.13	24.17 0.36 -0.12	22.39 0.37 -0.13	22.46 0.35 -0.15	26.27 0.51 -0.12	33.99 0.76 0.00	33.91 0.60 0.00	30.85 0.43 0.00	30.45 0.27 0.00	32.09 0.22 0.00	34.28 0.31 0.00	36.72 0.29 0.00	38.65 0.34 -0.02	40.89 0.36 -0.32	43.02 0.30 -0.43	49.49 0.72 -0.55	64.46 1.07 -0.35	73.41 1.84 -0.78	87.31 3.16 -0.97	78.34 2.78 -0.55	60.28 1.88 0.22	47.16 1.38 0.19	38.74 0.98 0.00
ROSETON____1 23587	33.79 1.67 0.00	30.88 1.54 -2.82	27.71 1.37 -2.64	25.87 1.23 -2.76	26.44 1.25 -3.23	29.68 1.51 -2.53	35.11 1.89 0.00	35.45 2.13 0.00	32.46 2.04 0.00	32.26 2.08 0.00	34.10 2.23 0.00	36.25 2.28 0.00	38.94 2.51 0.00	41.11 2.83 0.00	43.47 3.26 0.00	50.78 3.30 -5.18	58.59 3.71 -6.66	67.63 4.60 0.00	75.68 4.88 0.00	89.01 5.82 0.00	79.14 4.12 0.00	61.50 2.87 0.00	48.40 2.43 0.00	39.54 1.78 0.00
ROSETON____2 23588	33.79 1.67 0.00	30.88 1.54 -2.82	27.71 1.37 -2.64	25.87 1.23 -2.76	26.44 1.25 -3.23	29.68 1.51 -2.53	35.11 1.89 0.00	35.45 2.13 0.00	32.46 2.04 0.00	32.26 2.08 0.00	34.10 2.23 0.00	36.25 2.28 0.00	38.94 2.51 0.00	41.11 2.83 0.00	43.47 3.26 0.00	50.78 3.30 -5.18	58.59 3.71 -6.66	67.63 4.60 0.00	75.68 4.88 0.00	89.01 5.82 0.00	79.14 4.12 0.00	61.50 2.87 0.00	48.40 2.43 0.00	39.54 1.78 0.00
ROTTDRAM_115KV_TB3 80664	33.12 1.00 0.00	31.05 0.90 -3.62	27.89 0.81 -3.40	26.18 0.74 -3.55	26.86 0.75 -4.16	29.76 0.87 -3.25	34.38 1.16 0.00	34.35 1.03 0.00	31.18 0.76 0.00	30.84 0.66 0.00	32.54 0.67 0.00	34.72 0.75 0.00	37.23 0.80 0.00	39.24 0.96 0.00	41.26 1.05 0.00	43.29 1.14 0.15	49.42 1.40 0.19	64.86 1.83 0.00	72.85 2.05 0.00	86.01 2.83 0.00	77.42 2.40 0.00	60.51 1.88 0.00	47.39 1.43 0.00	38.93 1.17 0.00
RUSSELL____1 23602	30.32 -1.80 0.00	25.55 -1.22 -0.25	22.96 -0.97 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.25 -1.59 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	29.02 -1.15 0.00	30.15 -1.66 0.06	31.71 -1.70 0.56	33.85 -1.78 0.79	35.22 -1.99 1.07	37.17 -1.97 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.40 -2.19 3.20	76.00 -2.66 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.35 -1.89 0.53
RUSSELL____2 23532	30.32 -1.80 0.00	25.55 -1.22 -0.25	22.96 -0.97 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.25 -1.59 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	29.02 -1.15 0.00	30.15 -1.66 0.06	31.71 -1.70 0.56	33.85 -1.78 0.79	35.22 -1.99 1.07	37.17 -1.97 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.40 -2.19 3.20	76.00 -2.66 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.35 -1.89 0.53
RUSSELL____3 23549	30.32 -1.80 0.00	25.55 -1.22 -0.25	22.96 -0.97 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.25 -1.59 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	29.02 -1.15 0.00	30.15 -1.66 0.06	31.71 -1.70 0.56	33.85 -1.78 0.79	35.22 -1.99 1.07	37.17 -1.97 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.40 -2.19 3.20	76.00 -2.66 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.35 -1.89 0.53
RUSSELL____4 23556	30.32 -1.80 0.00	25.55 -1.22 -0.25	22.96 -0.97 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.25 -1.59 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	29.02 -1.15 0.00	30.15 -1.66 0.06	31.71 -1.70 0.56	33.85 -1.78 0.79	35.22 -1.99 1.07	37.17 -1.97 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.40 -2.19 3.20	76.00 -2.66 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.35 -1.89 0.53
RUSSELL____STATION 23914	30.32 -1.80 0.00	25.55 -1.22 -0.25	22.96 -0.97 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.25 -1.59 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	29.02 -1.15 0.00	30.15 -1.66 0.06	31.71 -1.70 0.56	33.85 -1.78 0.79	35.22 -1.99 1.07	37.17 -1.97 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.40 -2.19 3.20	76.00 -2.66 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.35 -1.89 0.53

S SALMON___HYD 24043	31.71 -0.42 0.00	26.40 -0.32 -0.19	23.57 -0.31 -0.18	21.82 -0.26 -0.19	21.92 -0.26 -0.22	25.53 -0.28 -0.17	32.99 -0.23 0.00	32.91 -0.40 0.00	29.99 -0.43 0.00	29.63 -0.54 0.00	31.23 -0.64 0.00	33.30 -0.68 0.00	35.66 -0.77 0.00	37.50 -0.88 -0.10	40.62 -0.97 -1.37	43.14 -1.02 -1.86	49.70 -1.01 -2.50	65.17 -1.13 -3.27	74.02 -0.78 -4.00	88.19 -0.08 -5.09	78.67 0.00 -3.65	59.60 -0.29 -1.26	46.29 -0.23 -0.55	37.54 -0.23 0.00
S.PERRY___115KV_TB1 80734	31.24 -0.96 -0.08	27.43 -0.64 -1.55	24.62 -0.52 -1.44	22.88 -0.53 -1.51	23.24 -0.51 -1.79	26.68 -0.69 -1.73	47.64 -0.70 -15.11	45.61 -0.60 -12.90	37.91 -0.76 -8.25	29.33 -0.94 -0.08	31.73 -1.27 -1.14	42.76 -1.33 -10.11	49.24 -1.42 -14.24	55.82 -1.57 -19.10	57.90 -1.49 -19.18	53.97 -2.75 -14.42	80.04 -3.18 -35.01	109.90 -3.53 -50.40	112.52 -2.97 -44.70	143.82 -2.58 -63.22	119.12 -2.18 -46.28	94.15 -2.11 -37.63	64.82 -1.88 -20.74	47.10 -0.38 -9.71
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.73 -3.37 0.02	23.99 -2.60 -0.06	21.50 -2.25 -0.06	19.81 -2.15 -0.06	19.87 -2.15 -0.07	22.92 -2.67 0.05	25.73 -3.22 4.27	26.86 -2.80 3.65	25.58 -2.49 2.35	27.71 -2.44 0.03	28.69 -2.84 0.35	28.18 -2.92 2.87	29.19 -3.21 4.03	30.48 -3.37 4.43	32.46 -3.30 4.45	35.39 -3.60 3.32	36.04 -3.95 8.23	44.30 -4.85 13.88	54.40 -5.45 10.95	60.97 -6.74 15.48	56.67 -6.23 12.12	41.98 -5.10 11.55	34.16 -4.28 7.54	31.61 -3.40 2.76
SAWYER___23_KV_LOAD 55526	28.73 -3.37 0.02	23.99 -2.60 -0.06	21.50 -2.25 -0.06	19.81 -2.15 -0.06	19.87 -2.15 -0.07	22.92 -2.67 0.05	25.73 -3.22 4.27	26.86 -2.80 3.65	25.58 -2.49 2.35	27.71 -2.44 0.03	28.69 -2.84 0.35	28.18 -2.92 2.87	29.19 -3.21 4.03	30.48 -3.37 4.43	32.46 -3.30 4.45	35.39 -3.60 3.32	36.04 -3.95 8.23	44.30 -4.85 13.88	54.40 -5.45 10.95	60.97 -6.74 15.48	56.67 -6.23 12.12	41.98 -5.10 11.55	34.16 -4.28 7.54	31.61 -3.40 2.76
SELKIRK___I 23801	33.22 1.09 0.00	30.88 0.93 -3.43	27.76 0.85 -3.21	26.03 0.79 -3.36	26.68 0.79 -3.94	29.61 0.90 -3.08	34.42 1.19 0.00	34.38 1.07 0.00	31.09 0.67 0.00	30.72 0.54 0.00	32.38 0.51 0.00	34.55 0.58 0.00	37.08 0.66 0.00	39.05 0.77 0.00	41.14 0.93 0.00	43.31 1.01 0.00	49.18 0.96 0.00	64.17 1.14 0.00	72.14 1.34 0.00	85.18 1.99 0.00	76.74 1.73 0.00	59.98 1.35 0.00	47.03 1.06 0.00	38.67 0.90 0.00
SELKIRK___II 23799	33.06 0.93 0.00	30.80 0.82 -3.46	27.69 0.76 -3.24	25.97 0.70 -3.38	26.63 0.70 -3.97	29.54 0.80 -3.10	34.32 1.09 0.00	34.38 1.07 0.00	31.12 0.70 0.00	30.78 0.60 0.00	32.47 0.60 0.00	34.62 0.64 0.00	37.15 0.73 0.00	39.12 0.84 0.00	41.22 1.01 0.00	43.36 1.06 0.00	48.89 0.67 0.00	63.85 0.82 0.00	71.58 0.78 0.00	84.19 1.00 0.00	75.69 0.67 0.00	59.22 0.59 0.00	46.48 0.51 0.00	38.22 0.45 0.00
SENECA OSWGO___HYD 24041	31.29 -0.84 0.00	26.10 -0.64 -0.21	23.35 -0.54 -0.20	21.60 -0.50 -0.21	21.70 -0.50 -0.24	25.21 -0.62 -0.19	32.46 -0.76 0.00	32.51 -0.80 0.00	29.69 -0.73 0.00	29.36 -0.81 0.00	30.98 -0.89 0.00	33.06 -0.92 0.00	35.41 -1.02 0.00	37.28 -1.15 -0.15	41.03 -1.25 -2.06	43.83 -1.27 -2.80	50.57 -1.45 -3.80	66.79 -1.76 -5.52	75.29 -1.77 -6.26	89.35 -1.83 -7.99	79.24 -1.72 -5.95	59.82 -1.46 -2.65	46.12 -1.15 -1.30	36.86 -0.91 0.00
SENECA___115KV_TB3 355854	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.61 -2.13 -0.05	19.93 -2.01 -0.05	19.97 -2.04 -0.06	23.39 -2.18 0.07	25.84 -2.59 4.79	27.06 -2.16 4.09	25.88 -1.92 2.62	28.01 -2.14 0.03	29.26 -2.23 0.38	28.45 -2.31 3.21	29.40 -2.51 4.51	30.87 -2.49 4.92	32.78 -2.49 4.94	35.88 -2.71 3.71	36.12 -2.94 9.15	44.24 -3.59 15.20	54.51 -4.03 12.25	60.78 -5.08 17.32	56.83 -4.72 13.46	42.17 -3.93 12.53	34.39 -3.35 8.22	32.07 -2.61 3.08
SENECA___ENERGY 23797	32.07 -0.06 -0.01	27.04 -0.03 -0.54	24.15 -0.05 -0.51	22.35 -0.07 -0.53	22.54 -0.04 -0.62	26.28 0.10 -0.54	35.78 0.23 -2.33	35.47 0.17 -1.99	31.92 0.12 -1.38	30.07 -0.12 -0.01	31.93 -0.13 -0.19	35.60 -0.07 -1.69	38.69 -0.11 -2.38	41.44 -0.11 -3.27	44.30 -0.08 -4.17	46.13 0.04 -3.79	56.16 0.24 -7.70	73.88 0.76 -10.09	81.88 1.28 -9.81	98.64 1.99 -13.46	86.42 1.65 -9.76	66.33 1.11 -6.59	50.12 0.64 -3.51	39.75 0.49 -1.50
SHOEMAKER___GT 23640	34.02 1.89 0.00	30.92 1.67 -2.73	27.72 1.47 -2.55	25.89 1.34 -2.67	26.40 1.32 -3.13	29.68 1.59 -2.45	35.25 2.03 0.00	35.51 2.20 0.00	32.52 2.10 0.00	32.26 2.08 0.00	34.10 2.23 0.00	36.29 2.31 0.00	39.05 2.62 0.00	41.35 3.06 0.00	43.75 3.54 0.00	50.92 3.72 -4.90	58.91 4.39 -6.30	67.07 4.04 0.00	75.19 4.39 0.00	88.43 5.24 0.00	78.84 3.82 0.00	61.27 2.64 0.00	48.13 2.16 0.00	39.35 1.59 0.00
SHOEMAKR_138KV_BK 111 55601	34.02 1.90 0.00	30.90 1.64 -2.73	27.72 1.47 -2.55	25.87 1.31 -2.67	26.40 1.32 -3.13	29.68 1.59 -2.45	35.25 2.03 0.00	35.51 2.20 0.00	32.52 2.10 0.00	32.20 2.02 0.00	34.10 2.23 0.00	36.25 2.28 0.00	39.05 2.62 0.00	41.46 3.18 0.00	43.75 3.54 0.00	50.85 3.68 -4.87	58.82 4.34 -6.26	67.07 4.03 0.00	75.11 4.32 0.00	88.43 5.24 0.00	78.77 3.75 0.00	61.21 2.58 0.00	48.13 2.16 0.00	39.42 1.66 0.00
SHOREHAM_IC_1 23715	38.84 3.31 -3.40	34.26 2.89 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.55 2.37 -5.22	31.02 2.82 -2.56	38.79 3.62 -1.94	39.21 3.80 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.25 3.70 -5.69	43.01 3.70 -5.33	48.65 3.90 -8.32	51.16 4.29 -8.59	53.78 4.74 -8.82	56.82 4.82 -9.70	61.00 5.49 -7.29	75.17 7.00 -5.14	84.60 7.72 -6.09	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.75 4.18 -2.60	43.76 3.10 -2.89
SHOREHAM_IC_2 23716	38.84 3.31 -3.40	34.26 2.89 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.55 2.37 -5.22	31.02 2.82 -2.56	38.79 3.62 -1.94	39.21 3.80 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.25 3.70 -5.69	43.01 3.70 -5.33	48.65 3.90 -8.32	51.16 4.29 -8.59	53.78 4.74 -8.82	56.82 4.82 -9.70	61.00 5.49 -7.29	75.17 7.00 -5.14	84.60 7.72 -6.09	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.75 4.18 -2.60	43.76 3.10 -2.89
SISSONVILLE____ 23735	31.48 -0.64 0.00	25.86 -0.66 0.00	23.01 -0.69 0.00	21.34 -0.55 0.00	21.39 -0.57 0.00	25.13 -0.51 0.00	32.46 -0.76 0.00	32.38 -0.93 0.00	29.60 -0.82 0.00	29.33 -0.84 0.00	31.04 -0.83 0.00	33.13 -0.85 0.00	35.41 -1.02 0.00	37.22 -1.07 -0.01	39.20 -1.21 -0.19	41.04 -1.52 -0.26	46.68 -1.88 -0.35	60.47 -2.96 -0.40	68.57 -2.76 -0.54	81.04 -2.83 -0.68	73.76 -1.73 -0.47	57.20 -1.52 -0.10	45.03 -0.97 -0.03	36.97 -0.79 0.00
SITHE_IND_GS1 24169	31.13 -1.00 0.00	25.92 -0.77 -0.17	23.19 -0.66 -0.16	21.42 -0.64 -0.16	21.51 -0.64 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.31 -1.00 0.00	29.48 -0.94 0.00	29.21 -0.97 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.39 -1.45 0.44	32.65 -1.57 5.99	32.54 -1.61 8.15	34.75 -1.83 11.63	36.18 -2.27 24.59	46.94 -2.48 21.37	52.69 -2.74 27.75	48.97 -2.55 23.50	38.01 -2.11 18.51	33.85 -1.65 10.47	36.48 -1.28 0.00

SITHE_IND_GS2 24170	31.13 -1.00 0.00	25.92 -0.77 -0.17	23.19 -0.66 -0.16	21.42 -0.64 -0.16	21.51 -0.64 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.31 -1.00 0.00	29.48 -0.94 0.00	29.21 -0.97 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.39 -1.45 0.44	32.65 -1.57 5.99	32.54 -1.61 8.15	34.75 -1.83 11.63	36.18 -2.27 24.59	46.94 -2.48 21.37	52.69 -2.74 27.75	48.97 -2.55 23.50	38.01 -2.11 18.51	33.85 -1.65 10.47	36.48 -1.28 0.00
SITHE_IND_GS3 24171	31.13 -1.00 0.00	25.92 -0.77 -0.17	23.19 -0.66 -0.16	21.42 -0.64 -0.16	21.51 -0.64 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.31 -1.00 0.00	29.48 -0.94 0.00	29.21 -0.97 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.39 -1.45 0.44	32.65 -1.57 5.99	32.54 -1.61 8.15	34.75 -1.83 11.63	36.18 -2.27 24.59	46.94 -2.48 21.37	52.69 -2.74 27.75	48.97 -2.55 23.50	38.01 -2.11 18.51	33.85 -1.65 10.47	36.48 -1.28 0.00
SITHE_IND_GS4 24172	31.13 -1.00 0.00	25.92 -0.77 -0.17	23.19 -0.66 -0.16	21.42 -0.64 -0.16	21.51 -0.64 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.31 -1.00 0.00	29.48 -0.94 0.00	29.21 -0.97 0.00	30.79 -1.08 0.00	32.82 -1.16 0.00	35.19 -1.24 0.00	36.39 -1.45 0.44	32.65 -1.57 5.99	32.54 -1.61 8.15	34.75 -1.83 11.63	36.18 -2.27 24.59	46.94 -2.48 21.37	52.69 -2.74 27.75	48.97 -2.55 23.50	38.01 -2.11 18.51	33.85 -1.65 10.47	36.48 -1.28 0.00
SITHE___BATAVIA 24024	29.41 -2.70 0.01	24.72 -1.96 -0.16	22.21 -1.63 -0.15	20.47 -1.58 -0.15	20.56 -1.58 -0.18	23.54 -2.18 -0.08	28.17 -2.42 2.63	29.07 -2.00 2.24	27.15 -1.82 1.44	28.02 -2.14 0.01	29.27 -2.39 0.20	29.86 -2.34 1.77	31.35 -2.59 2.49	32.16 -2.72 3.41	33.98 -2.82 3.42	36.86 -2.88 2.56	38.72 -3.13 6.36	48.47 -3.59 10.97	58.66 -3.54 8.60	66.78 -4.24 12.16	61.44 -3.98 9.60	45.80 -3.58 9.25	37.63 -3.13 5.21	33.62 -2.45 1.69
SITHE___INDEPEND 23800	31.13 -1.00 0.00	25.92 -0.77 -0.17	23.19 -0.66 -0.16	21.42 -0.63 -0.16	21.51 -0.64 -0.19	24.99 -0.79 -0.15	32.23 -1.00 0.00	32.31 -1.00 0.00	29.48 -0.94 0.00	29.24 -0.94 0.00	30.79 -1.08 0.00	32.86 -1.12 0.00	35.19 -1.24 0.00	36.31 -1.53 0.44	32.65 -1.57 5.99	32.50 -1.65 8.15	34.75 -1.83 11.63	36.18 -2.27 24.59	46.95 -2.48 21.37	52.69 -2.75 27.75	48.97 -2.55 23.50	38.01 -2.11 18.51	33.85 -1.65 10.47	36.37 -1.40 0.00
SITHE___MASSENA 23902	31.97 -0.16 0.00	26.29 -0.24 0.00	23.43 -0.26 0.00	21.69 -0.20 0.00	21.74 -0.22 0.00	25.46 -0.18 0.00	32.89 -0.33 0.00	32.91 -0.40 0.00	30.12 -0.30 0.00	29.93 -0.24 0.00	31.65 -0.22 0.00	33.81 -0.17 0.00	36.17 -0.25 0.00	38.02 -0.27 0.00	39.85 -0.36 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.15 -0.88 0.00	70.09 -0.71 0.00	82.27 -0.91 0.00	74.49 -0.52 0.00	58.16 -0.47 0.00	45.70 -0.27 0.00	37.58 -0.19 0.00
SITHE___OGDNSBRG 24021	32.12 0.00 0.00	26.37 -0.16 0.00	23.46 -0.24 0.00	21.76 -0.13 0.00	21.80 -0.15 0.00	25.59 -0.05 0.00	33.02 -0.20 0.00	32.88 -0.43 0.00	29.99 -0.43 0.00	29.72 -0.45 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.92 -0.51 0.00	37.78 -0.50 0.00	39.61 -0.60 0.00	41.58 -0.72 0.00	47.40 -0.82 0.00	61.58 -1.45 0.00	69.80 -0.99 0.00	82.60 -0.58 0.00	75.24 0.23 0.00	58.63 0.00 0.00	46.11 0.14 0.00	37.88 0.11 0.00
SITHE___STERLING 23777	32.57 0.45 0.00	27.05 0.37 -0.15	24.12 0.29 -0.14	22.33 0.28 -0.15	22.42 0.28 -0.18	26.19 0.41 -0.14	33.82 0.60 0.00	33.81 0.50 0.00	30.79 0.37 0.00	30.39 0.21 0.00	32.06 0.19 0.00	34.22 0.24 0.00	36.68 0.26 0.00	38.58 0.27 -0.03	40.84 0.28 -0.35	43.03 0.26 -0.47	49.40 0.58 -0.60	64.26 0.88 -0.34	73.05 1.42 -0.83	86.71 2.49 -1.04	77.68 2.10 -0.57	59.74 1.40 0.30	46.79 1.06 0.24	38.52 0.75 0.00
SLEIGHT__34_KV_TB1 80719	30.62 -1.51 0.00	25.79 -1.03 -0.30	23.12 -0.85 -0.28	21.35 -0.83 -0.30	21.49 -0.81 -0.35	24.68 -1.23 -0.27	31.75 -1.46 0.01	31.94 -1.37 0.01	28.85 -1.25 0.32	29.06 -1.12 0.00	30.36 -1.47 0.04	32.05 -1.53 0.40	34.23 -1.64 0.56	35.66 -1.88 0.75	37.79 -1.85 0.57	40.16 -1.82 0.32	45.12 -1.93 1.17	59.69 -2.14 1.20	68.70 -1.98 0.11	80.79 -2.16 0.23	72.20 -2.10 0.71	54.78 -1.99 1.86	43.02 -1.79 1.16	36.21 -1.55 0.00
SOUTH CAIRO___GT 23612	33.89 1.77 0.00	31.02 1.17 -3.33	27.86 1.04 -3.12	26.14 0.99 -3.26	26.73 0.94 -3.82	29.73 1.10 -2.99	35.05 1.83 0.00	34.88 1.57 0.00	31.33 0.91 0.00	30.84 0.66 0.00	32.48 0.61 0.00	34.72 0.75 0.00	37.30 0.87 0.00	39.51 1.23 0.00	41.70 1.49 0.00	45.03 1.95 -0.78	51.54 2.31 -1.01	66.12 3.09 0.00	74.62 3.82 0.00	88.51 5.32 0.00	79.89 4.88 0.00	62.15 3.52 0.00	48.41 2.44 0.00	39.76 2.00 0.00
SOUTH HAMPTN___IC 23720	39.09 3.57 -3.40	34.49 3.13 -4.84	29.09 2.72 -2.67	27.08 2.41 -2.78	29.72 2.55 -5.22	31.22 3.02 -2.56	39.05 3.89 -1.94	39.51 4.10 -2.10	34.19 3.77 0.00	33.96 3.77 -0.01	41.53 3.98 -5.68	43.31 4.01 -5.33	48.96 4.22 -8.31	51.41 4.55 -8.58	54.05 5.03 -8.81	57.15 5.16 -9.69	61.38 5.88 -7.29	75.72 7.56 -5.13	85.15 8.28 -6.08	92.93 9.73 -0.02	82.07 7.05 0.00	63.67 5.04 0.00	52.88 4.32 -2.59	43.83 3.17 -2.89
SOUTHDOW__115KV_TB1 355954	29.98 -2.12 0.02	24.74 -1.91 -0.12	22.01 -1.80 -0.12	20.35 -1.66 -0.12	20.40 -1.69 -0.14	24.34 -1.31 -0.01	27.46 -1.46 4.30	28.67 -0.97 3.68	27.27 -0.79 2.36	29.03 -1.12 0.03	30.54 -0.99 0.34	30.07 -1.02 2.88	31.28 -1.09 4.05	32.85 -1.03 4.40	35.00 -0.80 4.41	37.93 -1.06 3.31	38.97 -1.06 8.18	48.35 -1.01 13.68	58.74 -1.06 10.99	66.06 -1.58 15.55	61.26 -1.65 12.11	45.79 -1.52 11.32	36.91 -1.61 7.45	33.59 -1.40 2.77
SOUTHOLD__69_KV_BK 2 55809	39.38 3.85 -3.40	34.73 3.37 -4.84	29.30 2.94 -2.67	27.23 2.56 -2.78	29.88 2.70 -5.22	31.40 3.20 -2.56	39.32 4.15 -1.94	39.81 4.40 -2.10	34.44 4.02 0.00	34.14 3.95 -0.01	41.79 4.24 -5.68	43.45 4.15 -5.33	49.18 4.44 -8.31	51.68 4.82 -8.58	54.17 5.15 -8.81	57.25 5.29 -9.67	61.50 6.03 -7.25	75.98 7.82 -5.13	85.37 8.50 -6.08	93.18 9.98 -0.02	82.14 7.13 0.00	63.67 5.04 0.00	52.84 4.28 -2.59	43.90 3.25 -2.89
SOUTHOLD___IC 23719	39.38 3.85 -3.40	34.73 3.37 -4.84	29.28 2.91 -2.67	27.23 2.56 -2.78	29.88 2.70 -5.22	31.40 3.20 -2.56	39.32 4.15 -1.94	39.77 4.36 -2.10	34.44 4.02 0.00	34.20 4.01 -0.01	41.75 4.21 -5.68	43.55 4.25 -5.33	49.18 4.44 -8.31	51.57 4.71 -8.58	54.17 5.15 -8.81	57.28 5.29 -9.69	61.58 6.08 -7.29	75.98 7.81 -5.13	85.44 8.56 -6.08	93.18 9.98 -0.02	82.22 7.20 0.00	63.79 5.16 0.00	52.88 4.32 -2.59	43.75 3.10 -2.89
SOUTH_FORK_WT_PWR 323839	39.34 3.82 -3.40	34.68 3.32 -4.84	29.21 2.84 -2.67	27.15 2.47 -2.78	29.81 2.63 -5.22	31.33 3.13 -2.56	39.22 4.05 -1.94	39.71 4.30 -2.10	34.35 3.93 0.00	34.08 3.89 -0.01	41.63 4.08 -5.68	43.38 4.08 -5.33	48.96 4.22 -8.31	51.22 4.36 -8.58	53.77 4.74 -8.81	56.90 4.90 -9.69	61.09 5.59 -7.29	75.22 7.06 -5.13	84.59 7.72 -6.08	92.19 8.99 -0.02	81.24 6.22 0.00	63.09 4.45 0.00	52.33 3.77 -2.59	43.34 2.68 -2.89

SPIERFLS_115KV_TB1 80737	34.05 1.93 0.00	31.82 1.70 -3.60	28.58 1.52 -3.37	26.81 1.40 -3.52	27.49 1.41 -4.13	30.53 1.67 -3.23	35.45 2.23 0.00	35.24 1.93 0.00	31.82 1.40 0.00	31.29 1.12 0.00	32.99 1.12 0.00	35.40 1.43 0.00	37.92 1.49 0.00	40.04 1.76 0.00	42.14 1.93 0.00	44.58 2.28 0.00	51.20 2.99 0.00	66.88 3.84 0.00	74.83 4.04 0.00	89.01 5.82 0.00	80.12 5.10 0.00	62.97 4.34 0.00	49.00 3.03 0.00	40.33 2.57 0.00
ST LAWRENCE____ 23600	31.77 -0.35 0.00	26.15 -0.37 0.00	23.34 -0.35 0.00	21.58 -0.31 0.00	21.65 -0.31 0.00	25.30 -0.33 0.00	32.69 -0.53 0.00	32.78 -0.53 0.00	29.99 -0.43 0.00	29.82 -0.36 0.00	31.55 -0.32 0.00	33.64 -0.34 0.00	36.03 -0.40 0.00	37.86 -0.42 0.00	39.69 -0.52 0.00	41.79 -0.51 0.00	47.64 -0.58 0.00	62.02 -1.01 0.00	69.80 -0.99 0.00	81.77 -1.41 0.00	74.04 -0.98 0.00	57.93 -0.70 0.00	45.46 -0.50 0.00	37.35 -0.41 0.00
STATE_CA_115KV_115_LB 55624	33.25 1.12 0.00	31.08 1.03 -3.52	27.92 0.92 -3.30	26.23 0.90 -3.45	26.85 0.86 -4.04	29.80 1.00 -3.16	34.55 1.33 0.00	34.58 1.27 0.00	31.12 0.70 0.00	30.72 0.54 0.00	32.41 0.54 0.00	34.62 0.65 0.00	37.15 0.73 0.00	39.24 0.96 0.00	41.30 1.09 0.00	43.48 1.18 0.00	49.42 1.21 0.00	64.61 1.58 0.00	72.42 1.63 0.00	85.43 2.25 0.00	76.89 1.88 0.00	60.04 1.41 0.00	47.03 1.06 0.00	38.74 0.98 0.00
STATE_ST_34_KV_LOAD 55959	31.91 -0.22 -0.01	26.82 -0.13 -0.43	23.98 -0.12 -0.40	22.20 -0.11 -0.42	22.34 -0.11 -0.49	25.94 -0.10 -0.41	34.27 -0.03 -1.08	34.37 0.13 -0.92	31.30 0.06 -0.82	30.09 -0.09 -0.01	31.82 -0.16 -0.11	34.88 -0.10 -1.01	37.70 -0.15 -1.42	39.99 -0.27 -1.98	42.86 -0.20 -2.85	44.81 -0.34 -2.85	53.39 -0.19 -5.37	69.00 0.06 -5.90	77.33 0.42 -6.11	92.32 0.92 -8.22	81.65 0.75 -5.88	62.43 0.47 -3.33	47.87 0.18 -1.71	38.50 0.04 -0.70
STATION 5_MISC_HYD 23604	30.19 -1.93 0.00	25.48 -1.30 -0.25	22.91 -1.02 -0.24	21.11 -1.03 -0.25	21.24 -1.01 -0.29	24.18 -1.67 -0.21	30.49 -1.96 0.77	30.99 -1.66 0.65	28.50 -1.49 0.43	28.75 -1.42 0.00	30.06 -1.75 0.06	31.62 -1.84 0.53	33.72 -1.97 0.74	35.19 -2.11 0.99	37.05 -2.17 0.99	39.35 -2.20 0.74	43.86 -2.41 1.94	55.81 -2.71 4.51	65.19 -2.62 2.99	75.80 -3.16 4.23	68.17 -3.08 3.76	51.43 -2.81 4.39	40.89 -2.48 2.60	35.27 -2.00 0.49
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.52 -1.61 0.00	25.66 -1.11 -0.25	23.03 -0.90 -0.24	21.26 -0.88 -0.25	21.37 -0.88 -0.29	24.49 -1.36 -0.21	31.00 -1.59 0.63	31.38 -1.40 0.54	28.78 -1.28 0.36	29.06 -1.12 0.00	30.32 -1.50 0.05	31.97 -1.56 0.44	34.13 -1.68 0.62	35.52 -1.91 0.85	37.47 -1.89 0.85	39.75 -1.90 0.64	44.52 -2.03 1.67	56.92 -2.33 3.78	66.09 -2.19 2.51	77.14 -2.50 3.55	69.38 -2.48 3.16	52.67 -2.29 3.67	41.79 -2.02 2.15	35.62 -1.74 0.41
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.10 -2.02 0.00	25.39 -1.38 -0.25	22.79 -1.14 -0.23	21.01 -1.12 -0.24	21.14 -1.10 -0.28	24.10 -1.74 -0.20	30.36 -2.06 0.80	30.83 -1.80 0.68	28.36 -1.61 0.45	28.78 -1.39 0.00	29.93 -1.88 0.06	31.49 -1.94 0.55	33.58 -2.08 0.77	34.94 -2.30 1.05	36.87 -2.29 1.05	39.18 -2.33 0.79	43.61 -2.56 2.05	55.40 -2.96 4.67	64.77 -2.90 3.13	75.35 -3.41 4.42	67.80 -3.30 3.91	51.13 -2.99 4.52	40.70 -2.62 2.65	35.06 -2.19 0.51
STA_56____34_KV_BUS2 355983	30.10 -2.02 0.00	25.39 -1.38 -0.25	22.79 -1.14 -0.23	21.01 -1.12 -0.24	21.14 -1.10 -0.28	24.10 -1.74 -0.20	30.36 -2.06 0.80	30.83 -1.80 0.68	28.36 -1.61 0.45	28.78 -1.39 0.00	29.93 -1.88 0.06	31.49 -1.94 0.55	33.58 -2.08 0.77	34.94 -2.30 1.05	36.87 -2.29 1.05	39.18 -2.33 0.79	43.61 -2.56 2.05	55.40 -2.96 4.67	64.77 -2.90 3.13	75.35 -3.41 4.42	67.80 -3.30 3.91	51.13 -2.99 4.52	40.70 -2.62 2.65	35.06 -2.19 0.51
STA_67____115KV_BK2 355882	30.16 -1.96 0.00	25.45 -1.33 -0.25	22.87 -1.07 -0.24	21.07 -1.07 -0.25	21.20 -1.05 -0.29	24.16 -1.69 -0.21	30.48 -1.99 0.75	30.94 -1.73 0.64	28.45 -1.55 0.42	28.87 -1.30 0.00	30.00 -1.82 0.06	31.56 -1.90 0.52	33.70 -2.00 0.73	35.05 -2.26 0.97	37.03 -2.21 0.97	39.28 -2.28 0.73	43.85 -2.46 1.91	55.68 -2.90 4.46	65.09 -2.76 2.94	75.78 -3.24 4.16	68.07 -3.23 3.72	51.41 -2.87 4.35	40.82 -2.57 2.57	35.16 -2.11 0.48
STA_7____115KV_9TRANS 80674	30.32 -1.80 0.00	25.55 -1.22 -0.25	22.96 -0.97 -0.23	21.17 -0.96 -0.24	21.30 -0.94 -0.28	24.25 -1.59 -0.20	30.57 -1.83 0.82	31.08 -1.53 0.70	28.59 -1.37 0.46	29.02 -1.15 0.00	30.15 -1.66 0.06	31.71 -1.70 0.56	33.85 -1.78 0.79	35.22 -1.99 1.07	37.17 -1.97 1.08	39.50 -1.99 0.81	43.99 -2.12 2.10	55.88 -2.40 4.76	65.40 -2.19 3.20	76.00 -2.66 4.53	68.40 -2.63 3.99	51.59 -2.46 4.58	41.03 -2.25 2.69	35.35 -1.89 0.53
STA_82____115KV_TB1 80780	30.10 -2.02 0.00	25.40 -1.38 -0.26	22.82 -1.11 -0.24	21.05 -1.09 -0.25	21.17 -1.08 -0.29	24.11 -1.74 -0.21	30.42 -2.06 0.74	30.91 -1.77 0.63	28.39 -1.61 0.42	28.81 -1.36 0.00	29.93 -1.88 0.06	31.53 -1.94 0.51	33.63 -2.08 0.72	35.03 -2.30 0.96	36.96 -2.29 0.96	39.21 -2.37 0.72	43.78 -2.56 1.88	55.59 -3.03 4.42	64.91 -2.97 2.91	75.57 -3.49 4.12	67.96 -3.38 3.68	51.26 -3.05 4.32	40.75 -2.67 2.56	35.10 -2.19 0.48
STEEL____WIND 323596	29.18 -2.92 0.03	24.19 -2.39 -0.05	21.59 -2.16 -0.05	19.91 -2.04 -0.05	19.95 -2.06 -0.06	23.39 -2.18 0.07	25.81 -2.63 4.79	27.02 -2.20 4.09	25.85 -1.95 2.62	27.98 -2.17 0.03	29.23 -2.26 0.38	28.42 -2.34 3.21	29.36 -2.55 4.51	30.83 -2.53 4.92	32.70 -2.57 4.94	35.84 -2.75 3.71	36.07 -2.99 9.15	44.18 -3.66 15.20	54.44 -4.11 12.25	60.70 -5.16 17.32	56.75 -4.80 13.46	42.11 -3.99 12.53	34.35 -3.40 8.22	32.04 -2.64 3.08
STEPHTWN_115KV_BK_2 55603	33.38 1.25 0.00	31.12 1.11 -3.49	27.95 1.00 -3.27	26.27 0.96 -3.41	26.88 0.92 -4.00	29.84 1.08 -3.13	34.68 1.46 0.00	34.68 1.37 0.00	31.21 0.79 0.00	30.78 0.60 0.00	32.48 0.61 0.00	34.72 0.75 0.00	37.23 0.80 0.00	39.32 1.03 0.00	41.38 1.17 0.00	43.65 1.35 0.00	49.57 1.35 0.00	64.80 1.76 0.00	72.71 1.91 0.00	85.85 2.66 0.00	77.27 2.25 0.00	60.33 1.70 0.00	47.21 1.24 0.00	38.86 1.10 0.00
STEBEN_REC_LFGE 323667	31.26 -0.93 -0.07	27.29 -0.74 -1.50	24.39 -0.71 -1.40	22.66 -0.70 -1.47	23.01 -0.68 -1.74	26.78 -0.49 -1.63	45.35 -0.50 -12.62	43.72 -0.37 -10.77	36.91 -0.43 -6.92	29.46 -0.78 -0.07	31.99 -0.83 -0.95	41.71 -0.75 -8.48	47.48 -0.87 -11.93	53.44 -0.92 -16.08	55.92 -0.80 -16.51	53.97 -1.02 -12.69	77.49 -0.92 -30.19	105.84 -0.57 -43.38	109.52 0.00 -38.72	138.69 0.92 -54.59	115.84 0.83 -40.00	91.22 0.47 -32.12	63.52 -0.09 -17.64	45.84 -0.04 -8.11
STILLWATER____SOLAR 323814	33.79 1.67 0.00	31.57 1.46 -3.58	28.38 1.33 -3.36	26.62 1.23 -3.51	27.30 1.23 -4.11	30.29 1.43 -3.22	35.11 1.89 0.00	34.98 1.66 0.00	31.58 1.16 0.00	31.14 0.97 0.00	32.79 0.92 0.00	35.06 1.09 0.00	37.59 1.17 0.00	39.62 1.34 0.00	41.78 1.57 0.00	44.12 1.82 0.00	50.48 2.27 0.00	66.06 3.03 0.00	74.12 3.33 0.00	87.84 4.66 0.00	79.21 4.20 0.00	62.03 3.40 0.00	48.45 2.48 0.00	39.76 2.00 0.00

STONY___BROOK 24151	38.72 3.18 -3.41	34.18 2.81 -4.85	28.83 2.46 -2.67	26.88 2.21 -2.78	29.49 2.30 -5.23	30.94 2.74 -2.56	38.66 3.49 -1.95	39.15 3.73 -2.11	33.89 3.47 0.00	33.65 3.47 -0.01	41.27 3.70 -5.70	43.07 3.74 -5.35	48.71 3.94 -8.35	51.22 4.32 -8.62	53.85 4.78 -8.85	56.83 4.82 -9.71	60.95 5.45 -7.29	75.07 6.87 -5.16	84.41 7.50 -6.11	92.11 8.91 -0.02	81.47 6.45 0.00	63.32 4.69 0.00	52.66 4.09 -2.60	43.84 3.17 -2.90
STURGEON_POOL_HYD 23609	34.12 1.99 0.00	31.02 1.64 -2.85	27.84 1.47 -2.67	25.98 1.29 -2.79	26.55 1.32 -3.28	29.79 1.59 -2.56	35.38 2.16 0.00	35.74 2.43 0.00	32.79 2.37 0.00	32.53 2.35 0.00	34.51 2.65 0.00	36.63 2.65 0.00	39.45 3.02 0.00	41.88 3.60 0.00	44.19 3.98 0.00	50.43 4.19 -3.94	58.20 4.92 -5.07	69.08 6.05 0.00	77.31 6.51 0.00	90.92 7.74 0.00	80.72 5.70 0.00	62.56 3.93 0.00	49.14 3.17 0.00	40.22 2.45 0.00
ST_LAW_115_BK7_LBMP 345037	31.77 -0.35 0.00	26.13 -0.40 0.00	23.31 -0.38 0.00	21.56 -0.33 0.00	21.63 -0.33 0.00	25.30 -0.33 0.00	32.66 -0.56 0.00	32.71 -0.60 0.00	29.96 -0.46 0.00	29.78 -0.39 0.00	31.52 -0.35 0.00	33.60 -0.37 0.00	35.99 -0.44 0.00	37.82 -0.46 0.00	39.65 -0.56 0.00	41.79 -0.51 0.00	47.59 -0.63 0.00	61.90 -1.13 0.00	69.66 -1.14 0.00	81.69 -1.49 0.00	73.97 -1.05 0.00	57.87 -0.76 0.00	45.42 -0.55 0.00	37.31 -0.45 0.00
ST_LAW_115_BK8_LBMP 345038	31.77 -0.35 0.00	26.13 -0.40 0.00	23.31 -0.38 0.00	21.56 -0.33 0.00	21.63 -0.33 0.00	25.30 -0.33 0.00	32.66 -0.56 0.00	32.71 -0.60 0.00	29.96 -0.46 0.00	29.78 -0.39 0.00	31.52 -0.35 0.00	33.60 -0.37 0.00	35.99 -0.44 0.00	37.82 -0.46 0.00	39.65 -0.56 0.00	41.79 -0.51 0.00	47.59 -0.63 0.00	61.90 -1.13 0.00	69.66 -1.14 0.00	81.69 -1.49 0.00	73.97 -1.05 0.00	57.87 -0.76 0.00	45.42 -0.55 0.00	37.31 -0.45 0.00
ST_LAW_230_BK5_LBMP 345035	31.77 -0.35 0.00	26.15 -0.37 0.00	23.34 -0.35 0.00	21.58 -0.31 0.00	21.65 -0.31 0.00	25.30 -0.33 0.00	32.69 -0.53 0.00	32.78 -0.53 0.00	29.99 -0.43 0.00	29.82 -0.36 0.00	31.55 -0.32 0.00	33.64 -0.34 0.00	36.03 -0.40 0.00	37.86 -0.42 0.00	39.69 -0.52 0.00	41.79 -0.51 0.00	47.64 -0.58 0.00	62.02 -1.01 0.00	69.80 -0.99 0.00	81.77 -1.41 0.00	74.04 -0.98 0.00	57.93 -0.70 0.00	45.46 -0.50 0.00	37.35 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	31.77 -0.35 0.00	26.15 -0.37 0.00	23.34 -0.35 0.00	21.58 -0.31 0.00	21.65 -0.31 0.00	25.30 -0.33 0.00	32.69 -0.53 0.00	32.78 -0.53 0.00	29.99 -0.43 0.00	29.82 -0.36 0.00	31.55 -0.32 0.00	33.64 -0.34 0.00	36.03 -0.40 0.00	37.86 -0.42 0.00	39.69 -0.52 0.00	41.79 -0.51 0.00	47.64 -0.58 0.00	62.02 -1.01 0.00	69.80 -0.99 0.00	81.77 -1.41 0.00	74.04 -0.98 0.00	57.93 -0.70 0.00	45.46 -0.50 0.00	37.35 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.83 1.70 0.00	30.77 1.51 -2.73	27.62 1.37 -2.56	25.77 1.20 -2.67	26.32 1.23 -3.13	29.55 1.46 -2.45	35.08 1.86 0.00	35.41 2.10 0.00	32.43 2.01 0.00	32.14 1.96 0.00	34.07 2.20 0.00	36.18 2.21 0.00	38.94 2.51 0.00	41.31 3.02 0.00	43.55 3.34 0.00	50.61 3.43 -4.88	58.45 3.95 -6.28	67.63 4.60 0.00	75.68 4.88 0.00	89.01 5.82 0.00	79.22 4.20 0.00	61.50 2.87 0.00	48.36 2.39 0.00	39.61 1.85 0.00
SWANROAD_115KV_TB1 355699	27.86 -4.24 0.02	23.42 -3.21 -0.11	21.05 -2.75 -0.10	19.39 -2.60 -0.10	19.49 -2.59 -0.12	22.32 -3.33 -0.01	25.70 -3.89 3.64	26.81 -3.40 3.11	25.38 -3.04 2.00	26.78 -3.38 0.02	27.89 -3.70 0.29	27.93 -3.60 2.44	28.95 -4.04 3.43	29.20 -4.33 4.76	31.05 -4.38 4.78	33.99 -4.74 3.57	34.09 -5.30 8.83	41.78 -6.68 14.57	51.51 -7.58 11.71	57.39 -9.23 16.56	53.71 -8.48 12.83	39.87 -6.80 11.96	33.86 -5.47 6.64	31.19 -4.23 2.34
SYNERGY___BIOGAS 323694	29.41 -2.70 0.01	24.72 -1.96 -0.16	22.18 -1.66 -0.15	20.47 -1.58 -0.15	20.56 -1.58 -0.18	23.54 -2.18 -0.08	28.17 -2.43 2.63	29.07 -2.00 2.24	27.15 -1.83 1.44	28.20 -1.96 0.01	29.31 -2.36 0.20	29.86 -2.34 1.77	31.35 -2.59 2.49	32.08 -2.79 3.41	34.02 -2.77 3.42	36.82 -2.92 2.56	38.72 -3.13 6.36	48.41 -3.66 10.97	58.66 -3.54 8.60	66.78 -4.24 12.16	61.44 -3.98 9.60	45.86 -3.52 9.25	37.63 -3.13 5.21	33.58 -2.49 1.69
SYRACUSE___ENERGY_ST1 323597	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.74 -0.21 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.96 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.76 -0.61 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	31.77 -0.35 0.00	26.56 -0.24 -0.28	23.74 -0.21 -0.26	21.96 -0.20 -0.27	22.08 -0.20 -0.32	25.65 -0.23 -0.25	32.96 -0.27 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.76 -0.61 -0.09	40.79 -0.60 -1.18	43.34 -0.55 -1.59	49.75 -0.58 -2.11	64.87 -0.57 -2.41	73.65 -0.42 -3.28	87.09 -0.25 -4.15	77.56 -0.30 -2.85	58.87 -0.35 -0.59	45.77 -0.37 -0.17	37.42 -0.34 0.00
SYRACUSE___POWER 24017	31.74 -0.39 0.00	26.52 -0.29 -0.29	23.72 -0.24 -0.27	21.93 -0.24 -0.28	22.04 -0.24 -0.33	25.61 -0.28 -0.26	32.92 -0.30 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.73 -0.61 -0.06	40.42 -0.56 -0.77	42.76 -0.59 -1.05	49.00 -0.58 -1.36	63.48 -0.63 -1.08	72.28 -0.50 -1.98	85.32 -0.33 -2.47	76.07 -0.45 -1.51	57.89 -0.47 0.27	45.22 -0.46 0.29	37.35 -0.42 0.00
TALLMAN__138KV_BK151 55660	33.86 1.73 0.00	30.87 1.59 -2.76	27.72 1.45 -2.58	25.86 1.27 -2.70	26.42 1.30 -3.17	29.65 1.54 -2.48	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.39 2.41 0.00	39.16 2.73 0.00	41.54 3.25 0.00	43.75 3.54 0.00	50.92 3.64 -4.99	58.73 4.10 -6.41	68.14 5.11 0.00	76.25 5.45 0.00	89.67 6.49 0.00	79.59 4.58 0.00	61.80 3.17 0.00	48.64 2.67 0.00	39.84 2.08 0.00
TEALLAVE_115KV_TB7 355573	31.58 -0.55 0.00	26.39 -0.37 -0.24	23.58 -0.33 -0.22	21.82 -0.31 -0.23	21.92 -0.31 -0.27	25.47 -0.38 -0.21	32.79 -0.43 0.00	32.88 -0.43 0.00	30.02 -0.40 0.00	29.75 -0.42 0.00	31.36 -0.51 0.00	33.47 -0.51 0.00	35.84 -0.58 0.00	37.56 -0.77 -0.05	40.13 -0.72 -0.64	42.41 -0.76 -0.87	48.55 -0.77 -1.11	62.69 -0.95 -0.61	71.41 -0.92 -1.53	84.25 -0.83 -1.90	75.16 -0.90 -1.04	57.23 -0.82 0.58	44.82 -0.69 0.46	37.16 -0.60 0.00
TELGRAPH_34_KV_EAST 80808	28.77 -3.34 0.02	24.17 -2.49 -0.13	21.71 -2.11 -0.13	20.01 -2.01 -0.13	20.11 -2.00 -0.15	23.02 -2.67 -0.05	27.09 -3.06 3.08	28.05 -2.63 2.63	26.36 -2.37 1.69	27.65 -2.50 0.02	28.73 -2.90 0.24	29.05 -2.85 2.07	30.35 -3.17 2.91	30.91 -3.41 3.97	32.85 -3.38 3.98	35.68 -3.64 2.98	36.83 -4.00 7.38	45.71 -4.85 12.46	55.66 -5.24 9.90	62.86 -6.32 14.00	58.21 -5.85 10.96	43.33 -4.93 10.38	35.99 -4.14 5.85	32.53 -3.25 1.98

TEMPLE___115KV_TB 2 55572	31.61 -0.51 0.00	26.39 -0.37 -0.24	23.61 -0.31 -0.23	21.82 -0.31 -0.24	21.93 -0.31 -0.28	25.47 -0.38 -0.22	32.79 -0.43 0.00	32.91 -0.40 0.00	30.05 -0.37 0.00	29.75 -0.42 0.00	31.36 -0.51 0.00	33.47 -0.51 0.00	35.88 -0.55 0.00	37.60 -0.73 -0.05	40.13 -0.72 -0.64	42.45 -0.72 -0.87	48.55 -0.77 -1.10	62.74 -0.88 -0.59	71.47 -0.85 -1.52	84.32 -0.75 -1.88	75.22 -0.83 -1.03	57.27 -0.76 0.60	44.85 -0.64 0.48	37.20 -0.57 0.00
TIANA___69_KV_BK 1 55817	39.02 3.50 -3.40	34.41 3.05 -4.84	29.09 2.72 -2.67	27.06 2.39 -2.78	29.68 2.50 -5.22	31.17 2.97 -2.56	38.98 3.82 -1.94	39.44 4.03 -2.10	34.13 3.71 0.00	33.84 3.65 -0.01	41.50 3.95 -5.68	43.14 3.84 -5.33	48.89 4.15 -8.31	51.49 4.63 -8.58	54.01 4.99 -8.81	57.08 5.12 -9.67	61.26 5.79 -7.25	75.67 7.50 -5.13	85.09 8.21 -6.08	92.85 9.65 -0.02	82.07 7.05 0.00	63.67 5.04 0.00	52.88 4.32 -2.59	44.05 3.40 -2.89
TILDEN___115KV_TB1 80814	31.74 -0.39 0.00	26.52 -0.29 -0.29	23.72 -0.24 -0.27	21.93 -0.24 -0.28	22.04 -0.24 -0.33	25.61 -0.28 -0.26	32.92 -0.30 0.00	33.01 -0.30 0.00	30.15 -0.27 0.00	29.84 -0.33 0.00	31.46 -0.41 0.00	33.57 -0.41 0.00	35.99 -0.44 0.00	37.73 -0.61 -0.06	40.42 -0.56 -0.77	42.76 -0.59 -1.05	49.00 -0.58 -1.36	63.48 -0.63 -1.08	72.28 -0.50 -1.98	85.32 -0.33 -2.47	76.07 -0.45 -1.51	57.89 -0.47 0.27	45.22 -0.46 0.29	37.35 -0.42 0.00
TRIGEN___CC 323695	40.41 2.38 -5.91	34.96 2.12 -6.31	28.29 1.92 -2.68	26.38 1.71 -2.78	30.38 1.76 -6.67	30.31 2.10 -2.57	39.22 2.62 -3.38	39.89 2.93 -3.65	33.25 2.83 0.00	32.97 2.78 -0.02	44.80 3.06 -9.87	46.26 3.02 -9.26	54.16 3.28 -14.45	56.95 3.75 -14.91	59.55 4.02 -15.32	59.24 4.02 -12.93	60.27 4.44 -7.62	77.49 5.55 -8.91	87.37 6.02 -10.56	90.35 7.15 -0.02	79.97 4.95 0.00	62.21 3.58 0.00	53.69 3.22 -4.51	45.39 2.61 -5.03
TRINITY___115KV___ 4 BK 55933	33.19 1.06 0.00	30.97 0.95 -3.49	27.84 0.88 -3.27	26.14 0.83 -3.42	26.78 0.81 -4.01	29.70 0.92 -3.14	34.48 1.26 0.00	34.48 1.17 0.00	31.06 0.64 0.00	30.66 0.48 0.00	32.35 0.48 0.00	34.55 0.58 0.00	37.05 0.62 0.00	39.12 0.84 0.00	41.18 0.97 0.00	43.36 1.06 0.00	49.23 1.01 0.00	64.36 1.32 0.00	72.14 1.35 0.00	85.01 1.83 0.00	76.52 1.50 0.00	59.75 1.11 0.00	46.84 0.87 0.00	38.63 0.87 0.00
UNION___PROCESSING_DRP 323587	30.10 -2.02 0.00	25.40 -1.38 -0.25	22.84 -1.09 -0.24	21.04 -1.09 -0.25	21.17 -1.08 -0.29	24.13 -1.72 -0.21	30.42 -2.03 0.78	30.88 -1.77 0.66	28.37 -1.61 0.43	28.81 -1.36 0.00	29.93 -1.88 0.06	31.51 -1.94 0.53	33.60 -2.08 0.75	34.99 -2.30 1.00	36.92 -2.29 1.00	39.17 -2.37 0.75	43.70 -2.56 1.96	55.54 -2.96 4.53	64.88 -2.90 3.01	75.51 -3.41 4.26	67.85 -3.38 3.79	51.24 -2.99 4.40	40.75 -2.62 2.60	35.07 -2.19 0.50
UPPER HUDSON___HYD 24058	34.05 1.93 0.00	31.82 1.70 -3.60	28.60 1.54 -3.37	26.81 1.40 -3.52	27.49 1.41 -4.13	30.53 1.67 -3.23	35.45 2.23 0.00	35.24 1.93 0.00	31.82 1.40 0.00	31.32 1.15 0.00	32.98 1.11 0.00	35.40 1.43 0.00	37.92 1.49 0.00	39.96 1.68 0.00	42.14 1.93 0.00	44.58 2.28 0.00	51.21 2.99 0.00	66.88 3.85 0.00	74.83 4.03 0.00	89.09 5.91 0.00	80.12 5.10 0.00	62.97 4.34 0.00	49.00 3.03 0.00	40.25 2.49 0.00
UPPER RAQUET___HYD 24056	31.48 -0.64 0.00	25.86 -0.66 0.00	23.01 -0.69 0.00	21.34 -0.55 0.00	21.39 -0.57 0.00	25.13 -0.51 0.00	32.46 -0.76 0.00	32.38 -0.93 0.00	29.60 -0.82 0.00	29.33 -0.84 0.00	31.04 -0.83 0.00	33.13 -0.85 0.00	35.41 -1.02 0.00	37.22 -1.07 -0.01	39.20 -1.21 -0.19	41.04 -1.52 -0.26	46.68 -1.88 -0.35	60.47 -2.96 -0.40	68.57 -2.76 -0.54	81.04 -2.83 -0.68	73.29 -1.72 0.00	57.11 -1.52 0.00	45.00 -0.97 0.00	36.97 -0.79 0.00
VALLEY44_115KV_TB2 355964	30.02 -2.09 0.02	24.49 -2.20 -0.16	21.55 -2.30 -0.15	19.97 -2.08 -0.16	19.97 -2.17 -0.18	24.56 -1.13 -0.05	28.01 -1.26 3.95	29.14 -0.80 3.38	27.55 -0.70 2.17	28.70 -1.45 0.02	30.64 -0.92 0.31	30.38 -0.95 2.65	31.65 -1.06 3.72	33.39 -1.00 3.90	35.45 -0.84 3.92	38.09 -1.27 2.94	39.73 -1.21 7.28	49.46 -1.26 12.31	59.18 -1.77 9.84	66.60 -2.66 13.92	61.80 -2.33 10.89	46.84 -1.52 10.27	37.54 -1.52 6.92	33.97 -1.25 2.55
VALLEY___115KV_TB 1-4 80826	32.64 0.51 0.00	27.00 0.48 0.00	24.07 0.38 0.00	22.24 0.35 0.00	22.31 0.35 0.00	26.05 0.41 0.00	33.82 0.60 0.00	33.78 0.47 0.00	30.82 0.40 0.00	30.54 0.36 0.00	32.22 0.35 0.00	34.38 0.41 0.00	36.83 0.40 0.00	38.59 0.31 0.00	40.49 0.28 0.00	42.47 0.17 0.00	48.50 0.29 0.00	63.47 0.44 0.00	71.50 0.71 0.00	84.43 1.25 0.00	76.07 1.05 0.00	59.45 0.82 0.00	46.84 0.87 0.00	38.44 0.68 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.31 1.19 0.00	28.79 1.03 -1.23	25.72 0.88 -1.15	23.92 0.83 -1.20	24.18 0.81 -1.41	27.74 1.00 -1.10	34.56 1.33 -0.01	34.52 1.20 -0.01	31.46 1.03 0.00	31.08 0.91 0.00	32.86 0.99 0.00	35.07 1.09 0.00	37.63 1.20 -0.01	39.74 1.42 -0.04	41.94 1.53 -0.20	44.52 1.61 -0.62	51.11 2.07 -0.83	66.40 2.90 -0.47	74.74 3.33 -0.61	88.46 4.49 -0.79	79.23 3.68 -0.54	61.42 2.64 -0.15	48.12 2.11 -0.04	39.43 1.66 0.00
VISCHER___FERRY HYD 24020	33.51 1.38 0.00	31.31 1.25 -3.54	28.15 1.14 -3.32	26.41 1.05 -3.47	27.07 1.05 -4.06	30.02 1.21 -3.18	34.85 1.63 0.00	34.85 1.53 0.00	31.45 1.03 0.00	31.08 0.90 0.00	32.73 0.86 0.00	34.93 0.95 0.00	37.44 1.02 0.00	39.47 1.19 0.00	41.62 1.41 0.00	43.90 1.61 0.00	50.05 1.83 0.00	65.49 2.46 0.00	73.42 2.62 0.00	86.52 3.33 0.00	78.02 3.00 0.00	60.98 2.35 0.00	47.81 1.84 0.00	39.23 1.47 0.00
V_A_10_SYNC_DSASP 323832	28.87 -3.24 0.01	24.37 -2.31 -0.16	21.97 -1.87 -0.15	20.20 -1.84 -0.15	20.33 -1.80 -0.18	23.00 -2.72 -0.08	27.32 -3.29 2.61	28.15 -2.93 2.23	26.34 -2.65 1.43	27.84 -2.32 0.01	28.68 -3.00 0.19	29.13 -3.09 1.75	30.57 -3.39 2.47	31.25 -3.60 3.43	33.15 -3.62 3.44	35.85 -3.85 2.59	37.49 -4.29 6.44	46.59 -5.29 11.15	56.17 -5.81 8.82	63.80 -6.90 12.48	58.71 -6.45 9.86	43.81 -5.39 9.43	36.25 -4.46 5.26	32.50 -3.59 1.68
V_CMM_10_SYNC_DSASP 323787	31.90 -0.22 0.00	26.23 -0.29 0.00	23.39 -0.31 0.00	21.65 -0.24 0.00	21.72 -0.24 0.00	25.41 -0.23 0.00	32.79 -0.43 0.00	32.85 -0.47 0.00	30.09 -0.33 0.00	29.90 -0.27 0.00	31.65 -0.22 0.00	33.77 -0.20 0.00	36.17 -0.25 0.00	37.98 -0.31 0.00	39.81 -0.40 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	61.90 -1.13 0.00	69.73 -1.06 0.00	81.69 -1.50 0.00	74.04 -0.98 0.00	57.93 -0.70 0.00	45.60 -0.37 0.00	37.50 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	32.00 -0.13 0.00	26.31 -0.21 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.78 -0.18 0.00	25.51 -0.13 0.00	32.96 -0.27 0.00	33.05 -0.27 0.00	30.30 -0.12 0.00	30.12 -0.06 0.00	31.87 0.00 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.26 -0.04 0.00	48.17 -0.05 0.00	62.84 -0.19 0.00	70.72 -0.07 0.00	82.85 -0.33 0.00	74.87 -0.15 0.00	58.22 -0.41 0.00	45.60 -0.37 0.00	37.50 -0.26 0.00

V_D_10_SYNC_DSASP 323841	32.00 -0.13 0.00	26.29 -0.24 0.00	23.43 -0.26 0.00	21.69 -0.20 0.00	21.74 -0.22 0.00	25.46 -0.18 0.00	32.89 -0.33 0.00	32.91 -0.40 0.00	30.12 -0.30 0.00	29.93 -0.24 0.00	31.68 -0.19 0.00	33.81 -0.17 0.00	36.21 -0.22 0.00	38.01 -0.27 0.00	39.85 -0.36 0.00	41.96 -0.34 0.00	47.78 -0.43 0.00	62.21 -0.82 0.00	70.09 -0.71 0.00	82.27 -0.92 0.00	74.49 -0.53 0.00	58.16 -0.47 0.00	45.69 -0.28 0.00	37.57 -0.19 0.00
V_E_10_SYNC_DSASP 323830	33.54 1.41 -0.01	28.62 1.17 -0.93	25.49 0.92 -0.87	23.70 0.90 -0.91	23.88 0.86 -1.07	27.70 1.20 -0.86	36.03 1.73 -1.08	35.73 1.50 -0.92	32.13 1.10 -0.61	30.88 0.69 -0.01	32.59 0.64 -0.08	35.57 0.85 -0.75	38.39 0.91 -1.05	40.83 1.07 -1.47	43.25 1.17 -1.87	45.52 1.02 -2.20	54.09 1.78 -4.09	70.50 3.03 -4.44	79.88 4.53 -4.55	96.24 6.82 -6.23	85.42 6.00 -4.40	65.59 4.28 -2.68	50.46 3.13 -1.36	40.80 2.34 -0.69
V_F_30_NSYNC___DSASP 323816	33.80 1.67 0.00	31.60 1.49 -3.59	28.38 1.33 -3.36	26.63 1.23 -3.51	27.31 1.23 -4.12	30.30 1.44 -3.22	35.12 1.89 0.00	35.01 1.70 0.00	31.61 1.19 0.00	31.17 1.00 0.00	32.83 0.96 0.00	35.17 1.19 0.00	37.66 1.24 0.00	39.74 1.45 0.00	41.82 1.61 0.00	44.20 1.90 0.00	50.58 2.36 0.00	66.12 3.09 0.00	74.26 3.47 0.00	88.01 4.82 0.00	79.29 4.28 0.00	62.09 3.46 0.00	48.50 2.53 0.00	39.84 2.08 0.00
V_F_30_SYNC_DSASP 323786	33.25 1.12 0.00	31.08 1.03 -3.52	27.91 0.92 -3.30	26.23 0.90 -3.44	26.85 0.86 -4.04	29.80 1.00 -3.16	34.55 1.33 0.00	34.54 1.23 0.00	31.12 0.70 0.00	30.72 0.54 0.00	32.41 0.54 0.00	34.62 0.65 0.00	37.15 0.73 0.00	39.24 0.96 0.00	41.26 1.05 0.00	43.48 1.18 0.00	49.37 1.16 0.00	64.54 1.51 0.00	72.42 1.63 0.00	85.43 2.25 0.00	76.82 1.80 0.00	60.04 1.41 0.00	47.03 1.06 0.00	38.74 0.98 0.00
V_XM_10_SYNC_DSASP 323789	32.00 -0.13 0.00	26.31 -0.21 0.00	23.48 -0.21 0.00	21.74 -0.15 0.00	21.78 -0.18 0.00	25.51 -0.13 0.00	32.96 -0.27 0.00	33.05 -0.27 0.00	30.30 -0.12 0.00	30.12 -0.06 0.00	31.87 0.00 0.00	34.01 0.03 0.00	36.39 -0.04 0.00	38.21 -0.08 0.00	40.05 -0.16 0.00	42.26 -0.04 0.00	48.17 -0.05 0.00	62.84 -0.19 0.00	70.72 -0.07 0.00	82.85 -0.33 0.00	74.87 -0.15 0.00	58.22 -0.41 0.00	45.60 -0.37 0.00	37.50 -0.26 0.00
W.BABYLN_69_KV_BK1 56697	39.14 3.21 -3.80	34.41 2.81 -5.07	28.90 2.54 -2.67	26.91 2.23 -2.78	29.74 2.33 -5.45	30.94 2.74 -2.56	38.91 3.52 -2.17	39.45 3.80 -2.34	33.95 3.53 0.00	33.69 3.50 -0.01	42.01 3.79 -6.35	43.70 3.77 -5.96	49.80 4.08 -9.29	52.46 4.59 -9.59	55.05 4.99 -9.85	57.52 5.03 -10.19	61.12 5.59 -7.31	75.95 7.19 -5.73	85.44 7.86 -6.79	92.43 9.23 -0.01	81.77 6.75 0.00	63.56 4.93 0.00	53.19 4.32 -2.90	44.51 3.51 -3.23
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.96 1.83 0.00	30.97 1.67 -2.77	27.78 1.49 -2.60	25.94 1.34 -2.71	26.50 1.36 -3.18	29.74 1.62 -2.49	35.28 2.06 0.00	35.64 2.33 0.00	32.67 2.25 0.00	32.41 2.23 0.00	34.36 2.49 0.00	36.49 2.51 0.00	39.27 2.84 0.00	41.65 3.37 0.00	43.91 3.70 0.00	51.14 3.81 -5.04	59.03 4.34 -6.47	68.39 5.36 0.00	76.53 5.73 0.00	90.01 6.82 0.00	79.89 4.88 0.00	62.03 3.40 0.00	48.82 2.85 0.00	39.95 2.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.25 2.12 0.00	31.25 1.88 -2.84	28.06 1.71 -2.66	26.18 1.51 -2.78	26.80 1.58 -3.26	30.09 1.90 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.13 2.71 0.00	32.86 2.69 0.00	34.90 3.03 0.00	36.97 2.99 0.00	39.78 3.35 0.00	42.20 3.90 -0.01	44.49 4.26 -0.01	51.92 4.36 -5.27	59.84 4.87 -6.75	69.08 6.05 0.00	77.10 6.30 0.00	90.75 7.57 0.00	80.19 5.18 0.00	62.38 3.75 0.00	49.14 3.17 0.00	40.22 2.45 0.00
W50THST__13_KV_LOAD 356117	34.37 2.25 0.00	31.33 1.96 -2.84	28.13 1.78 -2.66	26.25 1.58 -2.78	26.87 1.65 -3.26	30.16 1.97 -2.55	35.75 2.52 0.00	36.18 2.86 0.00	33.28 2.86 0.00	33.04 2.87 0.00	35.06 3.19 0.00	37.17 3.19 0.00	40.00 3.57 0.00	42.43 4.13 -0.01	44.73 4.50 -0.01	52.18 4.61 -5.27	60.13 5.16 -6.75	69.59 6.56 0.00	77.59 6.80 0.00	91.25 8.07 0.00	80.57 5.55 0.00	62.68 4.05 0.00	49.37 3.40 0.00	40.37 2.61 0.00
WADING RIVER_IC_1 23522	38.83 3.31 -3.40	34.28 2.92 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.57 2.39 -5.22	31.04 2.85 -2.56	38.78 3.62 -1.94	39.24 3.83 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.27 3.73 -5.67	43.04 3.74 -5.32	48.67 3.94 -8.31	51.14 4.29 -8.57	53.76 4.74 -8.81	56.85 4.86 -9.69	61.00 5.49 -7.29	75.22 7.06 -5.13	84.66 7.79 -6.08	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.74 4.18 -2.59	43.71 3.06 -2.89
WADING RIVER_IC_2 23547	38.83 3.31 -3.40	34.28 2.92 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.57 2.39 -5.22	31.04 2.85 -2.56	38.78 3.62 -1.94	39.24 3.83 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.27 3.73 -5.67	43.04 3.74 -5.32	48.67 3.94 -8.31	51.14 4.29 -8.57	53.76 4.74 -8.81	56.85 4.86 -9.69	61.00 5.49 -7.29	75.22 7.06 -5.13	84.66 7.79 -6.08	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.74 4.18 -2.59	43.71 3.06 -2.89
WADING RIVER_IC_3 23601	38.83 3.31 -3.40	34.28 2.92 -4.84	28.92 2.56 -2.67	26.95 2.28 -2.78	29.57 2.39 -5.22	31.04 2.85 -2.56	38.78 3.62 -1.94	39.24 3.83 -2.10	33.92 3.50 0.00	33.68 3.50 -0.01	41.27 3.73 -5.67	43.04 3.74 -5.32	48.67 3.94 -8.31	51.14 4.29 -8.57	53.76 4.74 -8.81	56.85 4.86 -9.69	61.00 5.49 -7.29	75.22 7.06 -5.13	84.66 7.79 -6.08	92.35 9.15 -0.02	81.69 6.67 0.00	63.44 4.81 0.00	52.74 4.18 -2.59	43.71 3.06 -2.89
WALDENNY_12_KV_BK2 80841	29.05 -3.05 0.03	24.14 -2.44 -0.06	21.57 -2.18 -0.06	19.89 -2.06 -0.06	19.94 -2.09 -0.06	23.27 -2.31 0.06	25.84 -2.72 4.66	27.04 -2.30 3.98	25.83 -2.04 2.55	27.95 -2.20 0.03	29.14 -2.36 0.37	28.47 -2.38 3.12	29.41 -2.62 4.39	30.63 -2.72 4.93	32.65 -2.61 4.95	35.71 -2.88 3.71	35.92 -3.13 9.17	44.05 -3.78 15.20	54.31 -4.25 12.24	60.55 -5.32 17.31	56.62 -4.95 13.44	42.01 -4.10 12.52	34.39 -3.54 8.04	31.97 -2.79 3.00
WALDEN___HYDRO 24148	33.89 1.77 0.00	30.84 1.56 -2.75	27.69 1.42 -2.58	25.83 1.25 -2.69	26.39 1.27 -3.16	29.62 1.51 -2.47	35.15 1.93 0.00	35.48 2.17 0.00	32.52 2.10 0.00	32.23 2.05 0.00	34.13 2.26 0.00	36.29 2.31 0.00	39.01 2.59 0.00	41.38 3.10 0.00	43.67 3.46 0.00	50.66 3.55 -4.81	58.49 4.10 -6.18	68.14 5.11 0.00	76.32 5.52 0.00	89.76 6.57 0.00	79.89 4.88 0.00	61.97 3.34 0.00	48.68 2.71 0.00	39.88 2.11 0.00
WARRENSBURG____ 23737	34.05 1.93 0.00	31.82 1.70 -3.60	28.58 1.52 -3.37	26.81 1.40 -3.52	27.49 1.41 -4.13	30.53 1.67 -3.23	35.45 2.23 0.00	35.24 1.93 0.00	31.82 1.40 0.00	31.29 1.12 0.00	32.99 1.12 0.00	35.40 1.43 0.00	37.92 1.49 0.00	40.04 1.76 0.00	42.14 1.93 0.00	44.58 2.28 0.00	51.20 2.99 0.00	66.88 3.84 0.00	74.83 4.04 0.00	89.01 5.82 0.00	80.12 5.10 0.00	62.97 4.34 0.00	49.00 3.03 0.00	40.33 2.57 0.00

WATERSIDE___6 8 9 23538	34.31 2.18 0.00	31.34 1.96 -2.85	28.16 1.80 -2.67	26.28 1.60 -2.79	26.87 1.65 -3.27	30.16 1.97 -2.55	35.58 2.36 0.00	36.04 2.73 0.00	33.19 2.77 -0.01	32.93 2.75 -0.01	34.97 3.09 -0.01	37.07 3.09 -0.01	39.86 3.42 -0.01	42.28 3.98 -0.02	44.53 4.30 -0.02	51.97 4.40 -5.27	59.74 4.77 -6.76	68.77 5.74 0.00	76.81 6.02 0.00	90.34 7.15 0.00	79.74 4.73 0.00	62.21 3.58 0.00	49.19 3.22 0.00	40.29 2.53 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.77 0.64 0.00	27.11 0.58 0.00	24.19 0.50 0.00	22.33 0.44 0.00	22.40 0.44 0.00	26.18 0.54 0.00	33.95 0.73 0.00	33.91 0.60 0.00	30.91 0.49 0.00	30.63 0.45 0.00	32.35 0.48 0.00	34.49 0.51 0.00	36.94 0.51 0.00	38.63 0.34 0.00	40.49 0.28 0.00	42.47 0.17 0.00	48.50 0.29 0.00	63.47 0.44 0.00	71.57 0.78 0.00	84.60 1.41 0.00	76.29 1.28 0.00	59.63 1.00 0.00	47.07 1.10 0.00	38.63 0.87 0.00
WDELAWARE___HYD 323627	33.51 1.38 0.00	30.20 1.19 -2.49	27.06 1.04 -2.33	25.26 0.94 -2.43	25.75 0.94 -2.85	29.00 1.13 -2.23	34.68 1.46 0.00	35.01 1.70 0.00	32.06 1.64 0.00	31.80 1.63 0.00	33.62 1.75 0.00	35.81 1.83 0.00	38.50 2.08 0.00	40.73 2.45 0.00	43.11 2.90 0.00	48.92 2.88 -3.74	56.50 3.47 -4.81	67.82 4.79 0.00	76.17 5.38 0.00	89.75 6.57 0.00	79.89 4.87 0.00	61.97 3.34 0.00	48.54 2.57 0.00	39.61 1.85 0.00
WEST BABYLON___IC 23714	39.14 3.21 -3.80	34.41 2.81 -5.07	28.90 2.54 -2.67	26.91 2.23 -2.78	29.74 2.33 -5.45	30.94 2.74 -2.56	38.91 3.52 -2.17	39.45 3.80 -2.34	33.95 3.53 0.00	33.69 3.50 -0.01	42.01 3.79 -6.35	43.70 3.77 -5.96	49.80 4.08 -9.29	52.46 4.59 -9.59	55.05 4.99 -9.85	57.52 5.03 -10.19	61.12 5.59 -7.31	75.95 7.19 -5.73	85.44 7.86 -6.79	92.43 9.23 -0.01	81.77 6.75 0.00	63.56 4.93 0.00	53.19 4.32 -2.90	44.51 3.51 -3.23
WEST CANADA___HYD 24049	32.25 0.13 0.00	26.66 0.13 0.00	23.81 0.12 0.00	22.00 0.11 0.00	22.07 0.11 0.00	25.77 0.13 0.00	33.39 0.17 0.00	33.48 0.17 0.00	30.54 0.12 0.00	30.27 0.09 0.00	31.97 0.10 0.00	34.04 0.07 0.00	36.50 0.07 0.00	38.40 0.12 0.00	40.33 0.12 0.00	42.43 0.13 0.00	48.36 0.15 0.00	63.28 0.25 0.00	71.01 0.21 0.00	83.60 0.42 0.00	75.24 0.23 0.00	58.75 0.12 0.00	46.11 0.14 0.00	37.88 0.11 0.00
WESTERN_NY_WIND 24143	29.35 -2.76 0.02	24.66 -2.02 -0.15	22.13 -1.71 -0.14	20.39 -1.64 -0.15	20.50 -1.62 -0.17	23.48 -2.23 -0.07	27.93 -2.49 2.80	28.85 -2.07 2.39	26.99 -1.89 1.54	28.14 -2.02 0.02	29.23 -2.42 0.22	29.71 -2.38 1.89	31.12 -2.66 2.65	31.78 -2.87 3.63	33.72 -2.86 3.64	36.57 -3.00 2.72	38.22 -3.23 6.76	47.70 -3.78 11.55	58.01 -3.68 9.11	65.89 -4.41 12.88	60.68 -4.20 10.13	45.25 -3.69 9.69	37.29 -3.22 5.46	33.35 -2.61 1.80
WESTOVER___LESR 323668	31.84 -0.29 0.00	27.20 -0.24 -0.91	24.31 -0.24 -0.85	22.54 -0.24 -0.89	22.76 -0.24 -1.05	26.37 -0.10 -0.83	33.88 -0.03 -0.69	33.97 0.07 -0.59	30.87 0.06 -0.39	30.03 -0.15 0.00	31.79 -0.13 -0.05	34.35 -0.10 -0.48	36.99 -0.11 -0.67	39.18 -0.08 -0.98	41.63 0.00 -1.41	43.84 -0.04 -1.59	51.12 0.05 -2.86	66.45 0.38 -3.04	74.60 0.42 -3.38	88.42 0.67 -4.57	78.53 0.38 -3.14	60.37 0.18 -1.57	46.79 0.09 -0.72	38.21 0.00 -0.44
WETHRSFD_WT_PWR 323626	29.68 -2.38 0.07	24.11 -1.88 0.53	21.52 -1.68 0.49	19.77 -1.60 0.52	19.73 -1.60 0.62	23.16 -1.69 0.79	17.73 -1.99 13.50	19.99 -1.80 11.53	21.37 -1.67 7.38	28.11 -1.99 0.08	28.77 -2.07 1.03	22.80 -2.14 9.03	21.38 -2.33 12.71	19.50 -2.34 16.45	21.33 -2.37 16.51	27.27 -2.62 12.41	15.11 -2.80 30.31	13.54 -3.34 46.15	27.97 -3.40 39.43	23.67 -3.74 55.77	29.86 -3.37 41.78	19.85 -2.87 35.91	22.76 -2.57 20.63	27.11 -1.97 8.68
WHAVSTOR_138KV_BK127 55557	33.86 1.73 0.00	30.89 1.59 -2.78	27.74 1.45 -2.60	25.88 1.27 -2.72	26.44 1.30 -3.19	29.69 1.56 -2.49	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.39 2.41 0.00	39.16 2.73 0.00	41.50 3.22 0.00	43.75 3.54 0.00	50.94 3.60 -5.05	58.75 4.05 -6.49	68.07 5.04 0.00	76.18 5.38 0.00	89.51 6.32 0.00	79.44 4.43 0.00	61.74 3.11 0.00	48.59 2.62 0.00	39.80 2.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.86 1.73 0.00	30.89 1.59 -2.78	27.74 1.45 -2.60	25.88 1.27 -2.72	26.44 1.30 -3.19	29.69 1.56 -2.49	35.18 1.96 0.00	35.54 2.23 0.00	32.61 2.19 0.00	32.35 2.17 0.00	34.29 2.42 0.00	36.39 2.41 0.00	39.16 2.73 0.00	41.50 3.22 0.00	43.75 3.54 0.00	50.94 3.60 -5.05	58.75 4.05 -6.49	68.07 5.04 0.00	76.18 5.38 0.00	89.51 6.32 0.00	79.44 4.43 0.00	61.74 3.11 0.00	48.59 2.62 0.00	39.80 2.04 0.00
WHITEHAL_115KV_TB1 80871	34.53 2.41 0.00	32.21 2.10 -3.59	28.95 1.90 -3.37	27.16 1.75 -3.52	27.84 1.76 -4.12	30.94 2.08 -3.23	35.98 2.76 0.00	35.64 2.33 0.00	32.09 1.67 0.00	31.53 1.36 0.00	33.14 1.27 0.00	35.68 1.70 0.00	38.17 1.75 0.00	40.35 2.07 0.00	42.51 2.29 0.00	45.05 2.75 0.00	51.88 3.66 0.00	67.76 4.73 0.00	76.18 5.38 0.00	91.17 7.99 0.00	82.22 7.20 0.00	64.61 5.98 0.00	50.06 4.09 0.00	41.09 3.32 0.00
WHITEPLN_13_KV_LOAD 356215	34.31 2.18 0.00	31.32 1.96 -2.84	28.13 1.78 -2.66	26.24 1.58 -2.78	26.82 1.60 -3.26	30.11 1.92 -2.55	35.65 2.43 0.00	36.08 2.76 0.00	33.13 2.71 0.00	32.83 2.66 0.00	34.87 3.00 0.00	37.00 3.02 0.00	39.74 3.31 0.00	42.15 3.87 0.00	44.52 4.30 0.00	51.94 4.40 -5.24	60.06 5.11 -6.74	69.46 6.43 0.00	77.80 7.01 0.00	91.34 8.15 0.00	80.94 5.93 0.00	62.74 4.10 0.00	49.28 3.31 0.00	40.37 2.61 0.00
WM_FLOYD_69_KV_BK2 356380	38.81 3.28 -3.40	34.26 2.89 -4.84	28.95 2.58 -2.67	26.93 2.25 -2.78	29.55 2.37 -5.22	31.02 2.82 -2.56	38.79 3.62 -1.95	39.24 3.83 -2.10	33.89 3.47 0.00	33.59 3.41 -0.01	41.25 3.70 -5.69	42.88 3.57 -5.34	48.62 3.86 -8.33	51.24 4.36 -8.59	53.75 4.70 -8.83	56.75 4.78 -9.68	60.87 5.40 -7.26	75.11 6.93 -5.14	84.53 7.65 -6.09	92.27 9.07 -0.02	81.62 6.60 0.00	63.38 4.75 0.00	52.70 4.14 -2.60	43.94 3.29 -2.90
WOODARD___115KV_TB2 355635	31.58 -0.55 0.00	26.37 -0.40 -0.24	23.59 -0.33 -0.23	21.80 -0.33 -0.24	21.91 -0.33 -0.28	25.45 -0.41 -0.22	32.76 -0.47 0.00	32.85 -0.47 0.00	29.99 -0.43 0.00	29.69 -0.48 0.00	31.30 -0.57 0.00	33.40 -0.58 0.00	35.81 -0.62 0.00	37.54 -0.80 -0.06	40.26 -0.80 -0.85	42.65 -0.80 -1.15	48.84 -0.87 -1.50	63.31 -1.01 -1.29	72.01 -0.99 -2.21	85.04 -0.92 -2.77	75.77 -0.98 -1.73	57.59 -0.88 0.16	45.00 -0.74 0.24	37.12 -0.64 0.00
YORK___WARBASSE 23770	34.51 2.38 -0.01	31.52 2.15 -2.85	28.31 1.94 -2.67	26.43 1.75 -2.79	27.03 1.80 -3.27	30.32 2.13 -2.55	35.78 2.56 0.00	36.24 2.93 0.00	33.38 2.95 -0.01	33.11 2.93 -0.01	35.10 3.22 -0.01	37.25 3.26 -0.01	40.08 3.64 -0.01	42.55 4.25 -0.02	44.82 4.58 -0.02	52.23 4.65 -5.28	59.99 5.01 -6.76	68.96 5.92 0.00	77.03 6.23 0.00	90.67 7.49 0.00	79.89 4.88 0.00	62.50 3.87 0.00	49.52 3.54 -0.01	40.57 2.79 -0.01