



ALBANY___2 23572	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.93 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.94 1.10 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.48 0.00	87.31 1.54 0.00	78.95 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
ALBANY___3 23573	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.93 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.94 1.10 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.48 0.00	87.31 1.54 0.00	78.95 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
ALBANY___4 23574	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.93 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.94 1.10 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.48 0.00	87.31 1.54 0.00	78.95 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
ALBANY___LFGE 323615	50.12 1.46 0.00	47.40 1.38 0.00	47.74 1.39 0.00	47.34 1.29 0.00	49.13 1.34 0.00	53.60 1.51 0.00	72.96 1.92 0.00	86.70 1.86 0.00	66.77 1.63 0.00	53.72 1.16 0.00	51.62 0.96 0.00	50.26 0.93 0.00	49.40 1.06 0.00	50.51 1.23 0.00	54.49 1.38 0.00	64.48 1.82 0.00	80.15 2.41 0.00	88.16 2.40 0.00	79.80 2.40 0.00	71.05 2.12 -0.50	67.15 1.81 -4.92	62.50 1.50 -7.45	58.49 1.34 -9.37	56.15 1.16 -12.07
ALCOA_PA_115KV_PL-6C 55860	47.83 -0.83 0.00	45.06 -0.97 0.00	45.61 -0.74 0.00	45.50 -0.55 0.00	47.08 -0.72 0.00	51.00 -1.09 0.00	69.41 -1.63 0.00	84.16 -0.68 0.00	64.49 -0.65 0.00	51.31 -1.26 0.00	50.00 -0.66 0.00	48.64 -0.69 0.00	47.80 -0.53 0.00	48.69 -0.59 0.00	51.78 -1.33 0.00	61.97 -0.69 0.00	77.58 -0.16 0.00	84.82 -0.94 0.00	75.77 -1.63 0.00	66.57 -1.85 0.00	59.09 -1.33 0.00	52.22 -1.34 0.00	46.83 -0.96 0.00	41.72 -1.20 0.00
ALCOA_RYNLDS___DRP 24188	47.83 -0.83 0.00	45.06 -0.97 0.00	45.61 -0.74 0.00	45.50 -0.55 0.00	47.08 -0.72 0.00	51.00 -1.09 0.00	69.41 -1.63 0.00	84.16 -0.68 0.00	64.49 -0.65 0.00	51.31 -1.26 0.00	50.00 -0.66 0.00	48.64 -0.69 0.00	47.80 -0.53 0.00	48.69 -0.59 0.00	51.78 -1.33 0.00	61.97 -0.69 0.00	77.58 -0.16 0.00	84.82 -0.94 0.00	75.77 -1.63 0.00	66.57 -1.85 0.00	59.09 -1.33 0.00	52.22 -1.34 0.00	46.83 -0.96 0.00	41.72 -1.20 0.00
ALCOA___DSASP 323711	47.83 -0.83 0.00	45.06 -0.97 0.00	45.61 -0.74 0.00	45.50 -0.55 0.00	47.08 -0.72 0.00	51.00 -1.09 0.00	69.41 -1.63 0.00	84.16 -0.68 0.00	64.49 -0.65 0.00	51.31 -1.26 0.00	50.00 -0.66 0.00	48.64 -0.69 0.00	47.80 -0.53 0.00	48.69 -0.59 0.00	51.78 -1.33 0.00	61.97 -0.69 0.00	77.58 -0.16 0.00	84.82 -0.94 0.00	75.77 -1.63 0.00	66.57 -1.85 0.00	59.09 -1.33 0.00	52.22 -1.34 0.00	46.83 -0.96 0.00	41.72 -1.20 0.00
ALLEGHENY___COGEN 23514	49.19 0.54 0.00	46.85 0.83 0.00	47.28 0.93 0.00	47.39 1.34 0.00	49.42 1.63 0.00	53.34 1.25 0.00	72.74 1.70 0.00	87.98 3.14 0.00	66.97 1.82 0.00	53.67 1.11 0.00	51.37 0.71 0.00	49.77 0.44 0.00	48.19 -0.14 0.00	48.99 -0.29 0.00	52.85 -0.26 0.00	62.35 -0.31 0.00	77.81 0.08 0.00	86.97 1.20 0.00	78.09 0.70 0.00	69.25 0.75 -0.07	61.62 0.48 -0.72	54.76 0.11 -1.10	49.02 -0.14 -1.38	44.78 0.09 -1.78
ALTAMONT_115KV_TB 2 55880	49.78 1.12 0.00	47.03 1.01 0.00	47.37 1.02 0.00	47.02 0.97 0.00	48.80 1.00 0.00	53.24 1.15 0.00	72.53 1.49 0.00	86.37 1.53 0.00	66.32 1.17 0.00	53.51 0.95 0.00	51.47 0.81 0.00	50.17 0.84 0.00	49.25 0.92 0.00	50.27 0.99 0.00	54.28 1.17 0.00	63.97 1.32 0.00	79.45 1.71 0.00	87.57 1.80 0.00	79.18 1.78 0.00	70.49 1.57 -0.50	66.67 1.39 -4.87	62.15 1.23 -7.37	58.15 1.10 -9.27	55.85 0.99 -11.94
ALTONA_WT_PWR 323606	47.63 -1.02 0.00	44.87 -1.15 0.00	45.37 -0.98 0.00	45.22 -0.83 0.00	46.74 -1.05 0.00	50.63 -1.46 0.00	68.98 -2.06 0.00	83.48 -1.36 0.00	63.91 -1.24 0.00	50.26 -2.31 0.00	49.59 -1.07 0.00	48.29 -1.04 0.00	47.51 -0.82 0.00	48.44 -0.84 0.00	51.57 -1.54 0.00	61.78 -0.88 0.00	77.43 -0.31 0.00	84.65 -1.12 0.00	75.47 -1.93 0.00	66.23 -2.19 0.00	58.66 -1.75 0.00	51.84 -1.72 0.00	46.39 -1.39 0.00	41.20 -1.72 0.00
AMERICAN_REF_FUEL 24010	46.23 -2.43 0.00	44.83 -1.20 0.00	45.19 -1.16 0.00	45.17 -0.88 0.00	46.84 -0.96 0.00	49.33 -2.76 0.00	65.29 -5.75 0.00	78.82 -6.02 0.00	60.78 -4.36 0.00	49.89 -2.68 0.00	48.43 -2.23 0.00	47.06 -2.27 0.00	45.82 -2.52 0.00	46.33 -2.96 0.00	49.60 -3.51 0.00	57.52 -5.14 0.00	70.20 -7.54 0.00	77.62 -8.15 0.00	69.43 -7.97 0.00	61.44 -7.05 -0.06	54.87 -6.16 -0.62	49.40 -5.09 -0.94	44.85 -4.11 -1.18	41.22 -3.22 -1.52
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.20 -1.46 0.00	45.38 -0.64 0.00	46.03 -0.32 0.00	46.28 0.23 0.00	48.22 0.43 0.00	51.94 -0.16 0.00	69.55 -1.50 0.00	83.73 -1.11 0.00	64.37 -0.78 0.00	52.78 0.21 0.00	51.06 0.40 0.00	49.43 0.10 0.00	48.05 -0.29 0.00	48.49 -0.79 0.00	51.89 -1.22 0.00	60.46 -2.19 0.00	73.61 -4.12 0.00	81.13 -4.63 0.00	72.06 -5.34 0.00	62.47 -6.02 -0.07	55.57 -5.56 -0.71	49.71 -4.93 -1.08	44.93 -4.21 -1.36	41.28 -3.39 -1.75
ARTHUR KILL_GT_1 23520	52.26 3.60 0.00	49.01 2.99 0.00	49.36 3.01 0.00	48.95 2.90 0.00	50.66 2.87 0.00	55.32 3.23 0.00	75.66 4.62 0.00	90.46 5.60 -0.02	68.86 3.71 0.00	61.18 2.63 -5.98	59.34 2.63 -6.05	53.36 2.66 -1.37	51.68 3.34 -0.02	59.71 2.76 -7.67	58.62 3.08 -2.43	67.31 3.26 -1.40	82.87 5.13 0.00	91.70 5.92 -0.02	82.89 5.50 0.00	73.61 4.79 -0.40	68.48 4.11 -3.96	63.56 4.02 -5.99	59.10 3.77 -7.54	55.89 3.26 -9.71
ARTHUR_KILL_2 23512	52.11 3.46 0.00	48.92 2.90 0.00	49.22 2.87 0.00	48.81 2.76 0.00	50.51 2.72 0.00	55.22 3.13 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	68.67 3.52 -0.01	61.02 2.47 -5.98	59.19 2.48 -6.05	53.22 2.51 -1.37	50.91 2.56 -0.02	59.61 2.66 -7.67	58.41 2.87 -2.43	67.12 3.07 -1.40	82.64 4.90 0.00	91.44 5.66 -0.02	82.67 5.27 -0.01	73.34 4.51 -0.40	68.30 3.92 -3.96	63.41 3.86 -5.99	58.95 3.63 -7.54	55.81 3.18 -9.71
ARTHUR_KILL_3 23513	51.43 2.77 0.00	48.41 2.39 0.00	48.71 2.36 0.00	48.31 2.26 0.00	49.99 2.20 0.00	54.85 2.76 0.00	75.23 4.19 0.00	89.86 5.00 -0.02	68.86 3.71 -0.01	62.07 3.52 -5.98	60.14 3.45 -6.04	54.14 3.48 -1.37	51.83 3.48 -0.02	60.50 3.55 -7.66	59.36 3.83 -2.42	68.24 4.20 -1.39	82.64 4.90 0.00	91.35 5.57 -0.02	82.51 5.11 -0.01	73.27 4.44 -0.40	68.30 3.92 -3.96	63.19 3.64 -5.99	58.61 3.29 -7.54	55.38 2.75 -9.71

ARTHUR_KILL_COGEN 323718	52.26 3.60 0.00	49.01 2.99 0.00	49.36 3.01 0.00	48.95 2.90 0.00	50.66 2.87 0.00	55.37 3.28 0.00	75.66 4.62 0.00	90.29 5.43 -0.02	68.86 3.71 -0.01	61.18 2.63 -5.98	59.34 2.63 -6.05	53.36 2.66 -1.37	51.05 2.71 -0.02	59.71 2.76 -7.67	58.57 3.03 -2.43	67.31 3.26 -1.40	82.87 5.13 0.00	91.70 5.91 -0.02	82.90 5.50 -0.01	73.61 4.79 -0.40	68.48 4.11 -3.96	63.57 4.02 -5.99	59.09 3.77 -7.54	55.89 3.26 -9.71
ASHOKAN____ 23654	50.36 1.70 0.00	47.45 1.43 0.00	47.88 1.53 0.00	47.52 1.47 0.00	49.28 1.48 0.00	53.81 1.72 0.00	73.74 2.70 0.00	87.64 2.80 0.00	66.84 1.69 0.00	53.51 0.95 0.00	51.17 0.51 0.00	49.77 0.44 0.00	48.92 0.58 0.00	49.87 0.59 0.00	54.01 0.90 0.00	64.22 1.57 0.00	80.46 2.72 0.00	89.37 3.60 0.00	80.80 3.40 0.00	70.11 1.23 -0.46	65.82 0.91 -4.50	61.17 0.80 -6.81	56.92 0.58 -8.57	54.13 0.17 -11.04
ASTORIA_EAST_ENERGY_CC1 323581	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.48 0.00	55.01 2.92 0.00	75.08 4.05 0.01	89.68 4.83 -0.01	68.86 3.71 0.00	61.95 3.41 -5.97	60.14 3.45 -6.03	54.14 3.45 -1.36	51.82 3.48 -0.01	60.49 3.55 -7.66	59.35 3.83 -2.42	68.11 4.07 -1.38	82.55 4.82 0.01	91.43 5.66 -0.01	82.43 5.03 0.00	73.20 4.38 -0.40	68.11 3.75 -3.95	63.29 3.75 -5.99	58.91 3.59 -7.54	55.68 3.05 -9.71
ASTORIA_EAST_ENERGY_CC2 323582	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.58 2.53 0.00	50.28 2.48 0.00	55.01 2.92 0.00	75.01 3.98 0.01	89.68 4.83 -0.01	68.86 3.71 0.00	61.90 3.37 -5.97	60.14 3.45 -6.03	54.14 3.45 -1.36	51.77 3.43 -0.01	60.44 3.50 -7.66	59.30 3.77 -2.42	68.05 4.01 -1.38	82.47 4.74 0.01	91.35 5.57 -0.01	82.43 5.03 0.00	73.13 4.31 -0.40	68.11 3.75 -3.95	63.24 3.69 -5.99	58.86 3.54 -7.54	55.68 3.05 -9.71
ASTORIA_GT2_1 24094	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT2_2 24095	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT2_3 24096	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT2_4 24097	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT3_1 24098	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT3_2 24099	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT3_3 24100	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT3_4 24101	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT4_1 24102	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT4_2 24103	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT4_3 24104	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71

ASTORIA_GT4_4 24105	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.49 0.00	55.01 2.92 0.00	75.09 4.05 0.00	89.95 5.09 -0.02	68.86 3.71 0.00	61.95 3.42 -5.97	60.13 3.44 -6.03	54.14 3.45 -1.36	51.93 3.58 -0.02	60.49 3.55 -7.66	59.40 3.88 -2.42	66.74 4.07 -0.01	82.56 4.82 0.00	91.44 5.66 -0.02	82.43 5.03 0.00	73.20 4.38 -0.40	68.18 3.81 -3.96	63.30 3.75 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT_1 23523	51.97 3.31 0.00	48.78 2.76 0.00	49.13 2.78 0.00	48.72 2.67 0.00	50.37 2.58 0.00	55.11 3.02 0.00	75.23 4.19 0.00	90.12 5.26 -0.02	68.99 3.84 0.00	62.06 3.52 -5.97	60.24 3.55 -6.03	54.24 3.55 -1.36	52.02 3.67 -0.02	60.58 3.65 -7.66	59.51 3.98 -2.42	66.86 4.20 -0.01	82.71 4.98 0.00	91.62 5.83 -0.02	82.58 5.19 0.00	73.34 4.52 -0.40	68.30 3.93 -3.96	63.40 3.86 -5.99	59.00 3.68 -7.54	55.77 3.13 -9.71
ASTORIA_GT_10 24110	51.82 3.16 0.00	48.74 2.72 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.33 2.53 0.00	55.11 3.02 0.00	75.38 4.33 0.00	90.20 5.34 -0.02	68.99 3.84 0.00	62.00 3.36 -6.07	60.18 3.39 -6.13	54.12 3.40 -1.39	51.88 3.53 -0.02	60.56 3.50 -7.78	59.39 3.82 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.66 5.26 0.00	73.41 4.58 -0.40	68.36 3.99 -3.96	63.40 3.86 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT_11 24225	51.82 3.16 0.00	48.74 2.72 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.33 2.53 0.00	55.11 3.02 0.00	75.38 4.33 0.00	90.20 5.34 -0.02	68.99 3.84 0.00	62.00 3.36 -6.07	60.18 3.39 -6.13	54.12 3.40 -1.39	51.88 3.53 -0.02	60.56 3.50 -7.78	59.39 3.82 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.66 5.26 0.00	73.41 4.58 -0.40	68.36 3.99 -3.96	63.40 3.86 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT_12 24226	51.82 3.16 0.00	48.74 2.72 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.33 2.53 0.00	55.11 3.02 0.00	75.38 4.33 0.00	90.20 5.34 -0.02	68.99 3.84 0.00	62.00 3.36 -6.07	60.18 3.39 -6.13	54.12 3.40 -1.39	51.88 3.53 -0.02	60.56 3.50 -7.78	59.39 3.82 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.66 5.26 0.00	73.41 4.58 -0.40	68.36 3.99 -3.96	63.40 3.86 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT_13 24227	51.82 3.16 0.00	48.74 2.72 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.33 2.53 0.00	55.11 3.02 0.00	75.38 4.33 0.00	90.20 5.34 -0.02	68.99 3.84 0.00	62.00 3.36 -6.07	60.18 3.39 -6.13	54.12 3.40 -1.39	51.88 3.53 -0.02	60.56 3.50 -7.78	59.39 3.82 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.66 5.26 0.00	73.41 4.58 -0.40	68.36 3.99 -3.96	63.40 3.86 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA_GT_5 24106	51.97 3.31 0.00	48.78 2.76 0.00	49.13 2.78 0.00	48.72 2.67 0.00	50.37 2.58 0.00	55.11 3.02 0.00	75.23 4.19 0.00	90.12 5.26 -0.02	68.99 3.84 0.00	62.06 3.52 -5.97	60.24 3.55 -6.03	54.24 3.55 -1.36	52.02 3.67 -0.02	60.58 3.65 -7.66	59.51 3.98 -2.42	66.86 4.20 -0.01	82.71 4.98 0.00	91.62 5.83 -0.02	82.58 5.19 0.00	73.34 4.52 -0.40	68.30 3.93 -3.96	63.40 3.86 -5.99	59.00 3.68 -7.54	55.77 3.13 -9.71
ASTORIA_GT_7 24107	51.97 3.31 0.00	48.78 2.76 0.00	49.13 2.78 0.00	48.72 2.67 0.00	50.37 2.58 0.00	55.11 3.02 0.00	75.23 4.19 0.00	90.12 5.26 -0.02	68.99 3.84 0.00	62.06 3.52 -5.97	60.24 3.55 -6.03	54.24 3.55 -1.36	52.02 3.67 -0.02	60.58 3.65 -7.66	59.51 3.98 -2.42	66.86 4.20 -0.01	82.71 4.98 0.00	91.62 5.83 -0.02	82.58 5.19 0.00	73.34 4.52 -0.40	68.30 3.93 -3.96	63.40 3.86 -5.99	59.00 3.68 -7.54	55.77 3.13 -9.71
ASTORIA_GT_8 24108	51.97 3.31 0.00	48.78 2.76 0.00	49.13 2.78 0.00	48.72 2.67 0.00	50.37 2.58 0.00	55.11 3.02 0.00	75.23 4.19 0.00	90.12 5.26 -0.02	68.99 3.84 0.00	62.06 3.52 -5.97	60.24 3.55 -6.03	54.24 3.55 -1.36	52.02 3.67 -0.02	60.58 3.65 -7.66	59.51 3.98 -2.42	66.86 4.20 -0.01	82.71 4.98 0.00	91.62 5.83 -0.02	82.58 5.19 0.00	73.34 4.52 -0.40	68.30 3.93 -3.96	63.40 3.86 -5.99	59.00 3.68 -7.54	55.77 3.13 -9.71
ASTORIA___2 24149	51.87 3.21 0.00	48.69 2.67 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.28 2.48 0.00	55.01 2.92 0.00	75.08 4.05 0.01	89.68 5.05 -0.01	68.86 3.71 0.00	61.95 3.41 -5.97	60.14 3.45 -6.03	54.14 3.45 -1.36	51.82 3.48 -0.01	60.49 3.55 -7.66	59.35 3.83 -2.42	68.11 4.07 -1.38	82.55 4.82 0.01	91.43 5.66 -0.01	82.43 5.03 0.00	73.20 4.38 -0.40	68.11 3.75 -3.95	63.29 3.75 -5.99	58.91 3.59 -7.54	55.68 3.05 -9.71
ASTORIA___3 23516	51.82 3.16 0.00	48.74 2.71 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.32 2.53 0.00	55.16 3.07 0.00	75.38 4.33 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.00 3.37 -6.07	60.18 3.39 -6.13	54.11 3.40 -1.39	51.73 3.38 -0.02	60.56 3.50 -7.78	59.34 3.77 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.36 3.99 -3.96	63.41 3.86 -5.99	58.91 3.59 -7.54	55.68 3.05 -9.71
ASTORIA___4 23517	51.82 3.16 0.00	48.74 2.72 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.33 2.53 0.00	55.11 3.02 0.00	75.38 4.33 0.00	90.20 5.34 -0.02	68.99 3.84 0.00	62.00 3.36 -6.07	60.18 3.39 -6.13	54.12 3.40 -1.39	51.88 3.53 -0.02	60.56 3.50 -7.78	59.39 3.82 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.66 5.26 0.00	73.41 4.58 -0.40	68.36 3.99 -3.96	63.40 3.86 -5.99	58.90 3.58 -7.54	55.68 3.05 -9.71
ASTORIA___5 23518	51.82 3.16 0.00	48.74 2.71 0.00	49.04 2.69 0.00	48.63 2.58 0.00	50.32 2.53 0.00	55.16 3.07 0.00	75.38 4.33 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.00 3.37 -6.07	60.18 3.39 -6.13	54.11 3.40 -1.39	51.73 3.38 -0.02	60.56 3.50 -7.78	59.34 3.77 -2.46	68.08 4.01 -1.41	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.36 3.99 -3.96	63.41 3.86 -5.99	58.91 3.59 -7.54	55.68 3.05 -9.71
AST_ENERGY_2_CC3 323677	51.28 2.63 0.00	48.14 2.12 0.00	48.48 2.13 0.00	48.07 2.02 0.00	49.71 1.91 0.00	54.38 2.29 0.00	74.23 3.20 0.01	88.75 3.90 -0.01	68.14 3.00 0.00	61.32 2.78 -5.97	59.52 2.84 -6.03	53.55 2.86 -1.36	51.24 2.90 -0.01	59.89 2.96 -7.66	58.71 3.19 -2.42	67.36 3.32 -1.38	81.61 3.89 0.01	90.40 4.63 -0.01	81.57 4.18 0.00	72.37 3.56 -0.40	67.45 3.08 -3.95	62.65 3.10 -5.99	58.33 3.01 -7.54	55.21 2.58 -9.71
AST_ENERGY_2_CC4 323678	51.28 2.63 0.00	48.14 2.12 0.00	48.48 2.13 0.00	48.07 2.02 0.00	49.71 1.91 0.00	54.38 2.29 0.00	74.23 3.20 0.01	88.75 3.90 -0.01	68.14 3.00 0.00	61.32 2.78 -5.97	59.52 2.84 -6.03	53.55 2.86 -1.36	51.24 2.90 -0.01	59.89 2.96 -7.66	58.71 3.19 -2.42	67.36 3.32 -1.38	81.61 3.89 0.01	90.40 4.63 -0.01	81.57 4.18 0.00	72.37 3.56 -0.40	67.45 3.08 -3.95	62.65 3.10 -5.99	58.33 3.01 -7.54	55.21 2.58 -9.71

ATHENS_STG_1 23668	50.12 1.46 0.00	47.36 1.34 0.00	47.69 1.34 0.00	47.29 1.24 0.00	49.03 1.24 0.00	53.60 1.51 0.00	73.17 2.13 0.00	87.13 2.29 0.00	66.90 1.76 0.00	54.09 1.53 0.00	52.13 1.47 0.00	50.81 1.48 0.00	49.83 1.50 0.00	50.86 1.58 0.00	54.86 1.75 0.00	64.60 1.94 0.00	80.07 2.33 0.00	88.34 2.57 0.00	79.87 2.48 0.00	71.05 2.19 -0.45	66.78 1.99 -4.37	61.99 1.82 -6.62	57.78 1.67 -8.33	55.10 1.46 -10.72
ATHENS_STG_2 23670	50.12 1.46 0.00	47.36 1.34 0.00	47.69 1.34 0.00	47.29 1.24 0.00	49.03 1.24 0.00	53.60 1.51 0.00	73.17 2.13 0.00	87.13 2.29 0.00	66.90 1.76 0.00	54.09 1.53 0.00	52.13 1.47 0.00	50.81 1.48 0.00	49.83 1.50 0.00	50.86 1.58 0.00	54.86 1.75 0.00	64.60 1.94 0.00	80.07 2.33 0.00	88.34 2.57 0.00	79.87 2.48 0.00	71.05 2.19 -0.45	66.78 1.99 -4.37	61.99 1.82 -6.62	57.78 1.67 -8.33	55.10 1.46 -10.72
ATHENS_STG_3 23677	50.12 1.46 0.00	47.36 1.34 0.00	47.69 1.34 0.00	47.29 1.24 0.00	49.03 1.24 0.00	53.60 1.51 0.00	73.17 2.13 0.00	87.13 2.29 0.00	66.90 1.76 0.00	54.09 1.53 0.00	52.13 1.47 0.00	50.81 1.48 0.00	49.83 1.50 0.00	50.86 1.58 0.00	54.86 1.75 0.00	64.60 1.94 0.00	80.07 2.33 0.00	88.34 2.57 0.00	79.87 2.48 0.00	71.05 2.19 -0.45	66.78 1.99 -4.37	61.99 1.82 -6.62	57.78 1.67 -8.33	55.10 1.46 -10.72
AUBURN____LFGE 323710	48.32 -0.34 0.00	45.75 -0.28 0.00	46.02 -0.32 0.00	45.82 -0.23 0.00	47.60 -0.19 0.00	51.78 -0.31 0.00	70.83 -0.21 0.00	84.84 0.00 0.00	65.01 -0.13 0.00	52.46 -0.11 0.00	50.56 -0.10 0.00	49.18 -0.15 0.00	47.95 -0.39 0.00	48.84 -0.44 0.00	52.63 -0.48 0.00	62.16 -0.50 0.00	77.19 -0.54 0.00	85.60 -0.17 0.00	77.01 -0.39 0.00	68.13 -0.34 -0.05	60.56 -0.36 -0.51	53.95 -0.37 -0.77	48.22 -0.53 -0.97	43.82 -0.34 -1.25
BABYLON_RES_REC 323704	52.56 3.89 -0.01	49.53 3.50 -0.01	49.84 3.48 -0.01	49.14 3.09 0.00	50.80 3.01 0.00	56.05 3.96 0.00	74.59 3.55 0.00	87.97 3.14 0.01	67.35 2.22 0.01	55.40 2.84 0.00	54.00 3.34 0.00	52.78 3.45 0.00	51.77 3.43 0.00	53.32 4.04 0.00	57.58 4.46 -0.01	66.54 3.89 0.00	83.27 5.52 -0.01	91.95 6.18 -0.01	83.21 5.81 -0.01	73.90 5.06 -0.41	68.85 4.47 -3.97	63.89 4.34 -6.00	61.79 4.11 -9.90	56.25 3.61 -9.72
BALL_HILL_WT_PWR 323825	47.29 -1.36 0.00	45.33 -0.69 0.00	45.84 -0.51 0.00	45.96 -0.09 0.00	47.74 -0.05 0.00	51.16 -0.94 0.00	68.34 -2.70 0.00	82.30 -2.54 0.00	63.25 -1.89 0.00	51.94 -0.63 0.00	50.31 -0.35 0.00	48.79 -0.54 0.00	47.51 -0.82 0.00	48.00 -1.28 0.00	51.36 -1.75 0.00	59.78 -2.88 0.00	72.99 -4.74 0.00	80.71 -5.06 0.00	72.06 -5.34 0.00	62.88 -5.61 -0.07	56.09 -5.01 -0.69	50.31 -4.29 -1.04	45.56 -3.54 -1.31	41.82 -2.79 -1.69
BARON_WINDS____WT_PWR 323822	47.10 -1.56 0.00	45.01 -1.01 0.00	45.47 -0.88 0.00	45.55 -0.51 0.00	47.46 -0.33 0.00	51.36 -0.73 0.00	69.41 -1.63 0.00	83.40 -1.44 0.00	64.04 -1.11 0.00	52.14 -0.42 0.00	50.46 -0.20 0.00	49.03 -0.29 0.00	47.70 -0.63 0.00	48.34 -0.94 0.00	51.83 -1.28 0.00	60.84 -1.82 0.00	74.94 -2.80 0.00	83.02 -2.75 0.00	74.22 -3.18 0.00	64.89 -3.63 -0.09	58.14 -3.20 -0.93	52.02 -2.95 -1.41	46.97 -2.58 -1.77	43.15 -2.06 -2.28
BARRETT_IC_1 23704	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_10 23701	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_11 23702	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_12 23703	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_2 23705	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_3 23706	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_4 23707	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_5 23708	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72

BARRETT_IC_6 23709	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_7 23710	51.97 3.31 -0.01	48.98 2.95 -0.01	49.32 2.97 -0.01	48.68 2.62 0.00	50.37 2.58 0.00	55.37 3.28 0.00	73.88 2.84 0.00	87.63 2.80 0.01	66.96 1.82 0.01	55.09 2.52 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.38 3.05 0.00	52.83 3.55 0.00	57.00 3.88 -0.01	65.92 3.26 0.00	82.18 4.43 -0.01	90.84 5.06 -0.01	82.05 4.64 -0.01	72.94 4.11 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_8 23711	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT_IC_9 23700	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT___1 23545	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BARRETT___2 23546	51.98 3.31 -0.01	48.98 2.95 -0.01	49.33 2.97 -0.01	48.67 2.62 0.00	50.37 2.58 0.00	55.53 3.44 0.00	73.89 2.84 0.00	87.47 2.63 0.01	66.96 1.82 0.01	55.14 2.58 0.00	53.65 2.99 0.00	52.39 3.06 0.00	51.43 3.10 0.00	52.83 3.55 0.00	56.94 3.83 -0.01	65.91 3.26 0.00	82.17 4.43 -0.01	90.83 5.06 -0.01	82.05 4.64 -0.01	72.94 4.10 -0.41	68.01 3.62 -3.97	63.04 3.48 -6.00	60.78 3.20 -9.80	55.65 3.00 -9.72
BATAVIA___115KV_TB1 55881	48.17 -0.49 0.00	45.98 -0.05 0.00	46.35 0.00 0.00	46.42 0.37 0.00	48.22 0.43 0.00	51.31 -0.78 0.00	69.34 -1.71 0.00	83.40 -1.44 0.00	64.56 -0.59 0.00	52.30 -0.26 0.00	50.61 -0.05 0.00	49.13 -0.20 0.00	47.80 -0.53 0.00	48.34 -0.94 0.00	51.57 -1.54 0.00	60.72 -1.94 0.00	74.86 -2.88 0.00	82.16 -3.60 0.00	73.45 -3.95 0.00	65.12 -3.35 -0.06	57.95 -3.02 -0.56	51.83 -2.57 -0.84	46.69 -2.15 -1.06	42.76 -1.55 -1.38
BAYONEEC___CTG1 323682	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG10 323750	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG2 323683	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG3 323684	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG4 323685	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG5 323686	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG6 323687	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG7 323688	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71

BAYONEEC___CTG8 323689	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BAYONEEC___CTG9 323749	51.58 2.92 0.00	48.55 2.53 0.00	48.85 2.50 0.00	48.44 2.39 0.00	50.18 2.39 0.00	55.01 2.92 0.00	75.45 4.41 0.00	90.03 5.18 -0.02	69.00 3.84 -0.01	62.12 3.58 -5.98	60.19 3.49 -6.04	54.20 3.50 -1.37	51.88 3.53 -0.02	60.54 3.60 -7.66	59.41 3.87 -2.42	68.31 4.26 -1.39	82.79 5.05 0.00	91.53 5.75 -0.02	82.67 5.27 -0.01	73.41 4.58 -0.40	68.42 4.05 -3.96	63.29 3.75 -5.99	58.76 3.44 -7.54	55.51 2.88 -9.71
BEACON___LESR 323632	50.31 1.66 0.00	47.59 1.57 0.00	47.93 1.58 0.00	47.52 1.47 0.00	49.37 1.57 0.00	53.91 1.82 0.00	73.46 2.42 0.00	87.21 2.37 0.00	67.10 1.95 0.00	53.93 1.36 0.00	51.83 1.17 0.00	50.46 1.14 0.00	49.59 1.25 0.00	50.66 1.38 0.00	54.70 1.59 0.00	64.85 2.19 0.00	80.69 2.95 0.00	88.85 3.08 0.00	80.41 3.02 0.00	71.52 2.60 -0.50	67.49 2.17 -4.90	62.84 1.87 -7.42	58.74 1.63 -9.33	56.31 1.37 -12.02
BEAVER RIVER___HYD 24048	47.68 -0.97 0.00	45.15 -0.88 0.00	45.61 -0.74 0.00	45.36 -0.69 0.00	47.22 -0.57 0.00	51.52 -0.57 0.00	70.47 -0.57 0.00	85.44 0.60 0.00	65.99 0.84 0.00	52.31 -0.26 0.00	50.61 -0.05 0.00	49.13 -0.20 0.00	48.00 -0.34 0.00	48.88 -0.40 0.00	52.53 -0.58 0.00	62.78 0.13 0.00	77.74 0.00 0.00	85.43 -0.34 0.00	76.94 -0.46 0.00	67.69 -0.75 -0.02	60.03 -0.54 -0.16	53.10 -0.70 -0.24	47.42 -0.67 -0.30	42.62 -0.69 -0.39
BEEBEE_GT_13 23619	47.88 -0.78 0.00	45.47 -0.55 0.00	45.79 -0.56 0.00	45.77 -0.28 0.00	47.55 -0.24 0.00	51.21 -0.89 0.00	69.20 -1.85 0.00	83.06 -1.78 0.00	64.17 -0.98 0.00	51.94 -0.63 0.00	50.25 -0.41 0.00	48.88 -0.44 0.00	47.66 -0.68 0.00	48.30 -0.99 0.00	51.78 -1.33 0.00	60.90 -1.75 0.00	75.33 -2.41 0.00	83.19 -2.57 0.00	74.46 -2.94 0.00	66.42 -2.05 -0.05	59.01 -1.87 -0.47	52.61 -1.66 -0.71	47.25 -1.43 -0.90	43.09 -0.99 -1.16
BENSHRST_27_KV_BENSHRST_1 355998	52.21 3.55 0.00	49.01 2.99 0.00	49.32 2.97 0.00	48.91 2.86 0.00	50.61 2.82 0.00	55.37 3.28 0.00	75.80 4.76 0.00	90.71 5.85 -0.02	69.18 4.04 0.00	61.83 3.21 -6.06	59.95 3.24 -6.05	53.96 3.26 -1.37	51.97 3.63 -0.02	60.30 3.35 -7.67	59.26 3.72 -2.43	68.01 3.95 -1.41	83.18 5.44 0.00	92.04 6.26 -0.02	83.12 5.73 0.00	73.82 4.99 -0.40	68.72 4.35 -3.96	63.72 4.18 -5.99	59.19 3.87 -7.54	55.94 3.30 -9.71
BETHLEHEM___GRP 23843	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.93 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.94 1.10 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.48 0.00	87.31 1.54 0.00	78.95 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
BETHLEHEM___GS1 323560	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.92 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.86 1.02 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.47 0.00	87.31 1.55 0.00	78.94 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
BETHLEHEM___GS2 323561	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.92 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.86 1.02 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.47 0.00	87.31 1.55 0.00	78.94 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
BETHLEHEM___GS3 323562	49.68 1.02 0.00	46.99 0.97 0.00	47.28 0.93 0.00	46.92 0.87 0.00	48.70 0.91 0.00	53.13 1.04 0.00	72.25 1.21 0.00	85.86 1.02 0.00	66.06 0.91 0.00	53.25 0.68 0.00	51.17 0.51 0.00	49.87 0.54 0.00	49.01 0.68 0.00	50.07 0.79 0.00	54.01 0.90 0.00	63.79 1.13 0.00	79.21 1.47 0.00	87.31 1.55 0.00	78.94 1.55 0.00	70.29 1.37 -0.50	66.52 1.21 -4.90	61.99 1.02 -7.41	57.97 0.86 -9.33	55.71 0.77 -12.02
BETHLEHEM___STEEL 23779	47.39 -1.27 0.00	45.29 -0.74 0.00	45.79 -0.56 0.00	45.87 -0.18 0.00	47.65 -0.14 0.00	51.00 -1.09 0.00	67.85 -3.20 0.00	81.28 -3.56 0.00	63.00 -2.15 0.00	51.57 -1.00 0.00	50.15 -0.51 0.00	48.64 -0.69 0.00	47.42 -0.92 0.00	47.90 -1.38 0.00	50.93 -2.18 0.00	59.65 -3.01 0.00	72.76 -4.98 0.00	80.54 -5.23 0.00	71.98 -5.42 0.00	62.81 -5.68 -0.07	56.08 -5.01 -0.67	50.35 -4.23 -1.02	45.62 -3.44 -1.28	41.91 -2.66 -1.65
BETHLHEM_115KV_TB1 79974	49.73 1.07 0.00	46.99 0.97 0.00	47.32 0.97 0.00	46.97 0.92 0.00	48.75 0.96 0.00	53.19 1.09 0.00	72.32 1.28 0.00	86.03 1.19 0.00	66.19 1.04 0.00	53.30 0.74 0.00	51.27 0.61 0.00	49.92 0.59 0.00	49.11 0.77 0.00	50.17 0.89 0.00	54.12 1.01 0.00	63.85 1.19 0.00	79.29 1.55 0.00	87.40 1.63 0.00	79.10 1.70 0.00	70.42 1.51 -0.50	66.58 1.27 -4.89	62.03 1.07 -7.41	58.06 0.96 -9.32	55.74 0.82 -12.01
BETHPAGE_CC_5 323564	52.36 3.70 -0.01	49.35 3.32 -0.01	49.65 3.29 -0.01	49.00 2.95 0.00	50.66 2.87 0.00	55.79 3.70 0.00	74.45 3.41 0.00	87.97 3.14 0.01	67.35 2.22 0.01	55.35 2.78 0.00	53.90 3.25 0.00	52.73 3.40 0.00	51.77 3.43 0.00	53.22 3.94 0.00	57.47 4.36 -0.01	66.42 3.76 0.00	83.03 5.29 -0.01	91.69 5.91 -0.01	82.90 5.50 -0.01	73.62 4.79 -0.41	68.67 4.29 -3.97	63.63 4.07 -6.00	61.67 3.92 -9.97	56.08 3.43 -9.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.39 -1.27 0.00	45.33 -0.69 0.00	45.79 -0.56 0.00	45.91 -0.14 0.00	47.70 -0.10 0.00	51.10 -0.99 0.00	68.13 -2.91 0.00	81.53 -3.31 0.00	63.19 -1.95 0.00	51.73 -0.84 0.00	50.36 -0.30 0.00	48.83 -0.49 0.00	47.56 -0.77 0.00	48.05 -1.23 0.00	51.09 -2.02 0.00	59.84 -2.82 0.00	73.07 -4.66 0.00	80.79 -4.97 0.00	72.21 -5.19 0.00	62.81 -5.68 -0.07	56.02 -5.07 -0.68	50.25 -4.34 -1.04	45.54 -3.54 -1.30	41.80 -2.79 -1.67
BINGHAMTON___COGEN 23790	48.66 0.00 0.00	46.11 0.09 0.00	46.44 0.09 0.00	46.24 0.18 0.00	48.03 0.24 0.00	52.20 0.10 0.00	71.11 0.07 0.00	85.01 0.17 0.00	65.28 0.13 0.00	52.88 0.32 0.00	51.01 0.35 0.00	49.62 0.30 0.00	48.43 0.10 0.00	49.28 0.00 0.00	53.00 -0.11 0.00	62.41 -0.25 0.00	77.27 -0.47 0.00	85.42 -0.34 0.00	76.93 -0.46 0.00	67.80 -0.75 -0.14	61.14 -0.60 -1.33	54.98 -0.59 -2.02	49.79 -0.53 -2.54	45.84 -0.34 -3.27









CORONA V_69_KV_TB1 355595	52.22 3.55 -0.01	49.21 3.18 -0.01	49.56 3.20 -0.01	48.86 2.81 0.00	50.61 2.82 0.00	55.63 3.54 0.00	74.59 3.55 0.00	88.48 3.65 0.01	67.61 2.48 0.01	55.46 2.89 0.00	53.95 3.29 0.00	52.73 3.40 0.00	51.72 3.38 0.00	53.12 3.84 0.00	57.32 4.20 -0.01	66.48 3.82 0.00	82.88 5.13 -0.01	91.61 5.83 -0.01	82.83 5.42 -0.01	73.63 4.79 -0.42	68.56 4.17 -3.97	63.47 3.91 -6.01	62.20 3.63 -10.78	55.82 3.18 -9.73
CORTLAND_115KV_TB3 80093	48.80 0.15 0.00	46.21 0.18 0.00	46.53 0.19 0.00	46.28 0.23 0.00	48.13 0.33 0.00	52.35 0.26 0.00	71.54 0.50 0.00	85.69 0.85 0.00	65.60 0.46 0.00	52.93 0.37 0.00	50.96 0.30 0.00	49.57 0.25 0.00	48.38 0.05 0.00	49.28 0.00 0.00	53.11 0.00 0.00	62.66 0.00 0.00	77.89 0.16 0.00	86.28 0.51 0.00	77.71 0.31 0.00	68.63 0.14 -0.08	61.24 0.06 -0.76	54.77 0.05 -1.16	49.14 -0.10 -1.46	44.79 0.00 -1.87
COXSACKIE__GT 23611	51.19 2.53 0.00	48.37 2.35 0.00	48.80 2.45 0.00	48.44 2.39 0.00	50.32 2.53 0.00	54.90 2.81 0.00	75.09 4.05 0.00	89.25 4.41 0.00	68.21 3.06 0.00	54.20 1.63 0.00	51.72 1.07 0.00	50.22 0.89 0.00	49.40 1.06 0.00	50.46 1.18 0.00	54.70 1.59 0.00	65.29 2.63 0.00	82.01 4.27 0.00	91.00 5.23 0.00	82.36 4.96 0.00	72.66 3.76 -0.48	68.20 3.08 -4.70	63.35 2.68 -7.12	58.89 2.15 -8.96	56.18 1.72 -11.54
CPV_VALLEY__CC1 323721	50.61 1.95 0.00	47.77 1.75 0.00	48.07 1.72 0.00	47.71 1.66 0.00	49.42 1.63 0.00	54.07 1.98 0.00	73.96 2.91 0.00	88.06 3.22 0.00	67.49 2.34 0.00	54.72 2.16 0.00	52.79 2.13 0.00	51.45 2.12 0.00	50.51 2.18 0.00	51.45 2.17 0.00	55.44 2.33 0.00	65.23 2.57 0.00	80.85 3.11 0.00	89.37 3.60 0.00	80.72 3.33 0.00	71.71 2.94 -0.35	66.46 2.60 -3.44	61.18 2.41 -5.21	56.59 2.25 -6.56	53.30 1.93 -8.45
CPV_VALLEY__CC2 323722	50.61 1.95 0.00	47.77 1.75 0.00	48.07 1.72 0.00	47.71 1.66 0.00	49.42 1.63 0.00	54.07 1.98 0.00	73.96 2.91 0.00	88.06 3.22 0.00	67.49 2.34 0.00	54.72 2.16 0.00	52.79 2.13 0.00	51.45 2.12 0.00	50.51 2.18 0.00	51.45 2.17 0.00	55.44 2.33 0.00	65.23 2.57 0.00	80.85 3.11 0.00	89.37 3.60 0.00	80.72 3.33 0.00	71.71 2.94 -0.35	66.46 2.60 -3.44	61.18 2.41 -5.21	56.59 2.25 -6.56	53.30 1.93 -8.45
CRESCENT__HYD 24018	50.61 1.95 0.00	47.87 1.84 0.00	48.21 1.86 0.00	47.80 1.75 0.00	49.65 1.86 0.00	54.18 2.09 0.00	73.81 2.77 0.00	87.64 2.80 0.00	67.49 2.34 0.00	54.09 1.53 0.00	51.97 1.31 0.00	50.56 1.23 0.00	49.74 1.40 0.00	50.86 1.58 0.00	54.92 1.81 0.00	65.04 2.38 0.00	80.85 3.11 0.00	89.11 3.34 0.00	80.72 3.33 0.00	71.87 2.94 -0.51	67.95 2.54 -5.00	63.27 2.14 -7.57	59.17 1.86 -9.53	56.86 1.67 -12.27
CRICKET__VALLEY_CC1 323756	50.46 1.80 0.00	47.59 1.57 0.00	47.88 1.53 0.00	47.48 1.43 0.00	49.18 1.39 0.00	53.86 1.77 0.00	73.67 2.63 0.00	87.73 2.89 0.00	67.29 2.15 0.00	54.56 2.00 0.00	52.63 1.97 0.00	51.30 1.98 0.00	50.36 2.03 0.00	51.35 2.07 0.00	55.39 2.28 0.00	65.17 2.51 0.00	80.69 2.95 0.00	89.11 3.34 0.00	80.57 3.17 0.00	71.65 2.81 -0.42	67.01 2.48 -4.12	62.15 2.35 -6.24	57.78 2.15 -7.85	55.01 1.98 -10.11
CRICKET__VALLEY_CC2 323757	50.46 1.80 0.00	47.59 1.57 0.00	47.88 1.53 0.00	47.48 1.43 0.00	49.18 1.39 0.00	53.86 1.77 0.00	73.67 2.63 0.00	87.73 2.89 0.00	67.29 2.15 0.00	54.56 2.00 0.00	52.63 1.97 0.00	51.30 1.98 0.00	50.36 2.03 0.00	51.35 2.07 0.00	55.39 2.28 0.00	65.17 2.51 0.00	80.69 2.95 0.00	89.11 3.34 0.00	80.57 3.17 0.00	71.65 2.81 -0.42	67.01 2.48 -4.12	62.15 2.35 -6.24	57.78 2.15 -7.85	55.01 1.98 -10.11
CRICKET__VALLEY_CC3 323758	50.46 1.80 0.00	47.59 1.57 0.00	47.88 1.53 0.00	47.48 1.43 0.00	49.18 1.39 0.00	53.86 1.77 0.00	73.67 2.63 0.00	87.73 2.89 0.00	67.29 2.15 0.00	54.56 2.00 0.00	52.63 1.97 0.00	51.30 1.98 0.00	50.36 2.03 0.00	51.35 2.07 0.00	55.39 2.28 0.00	65.17 2.51 0.00	80.69 2.95 0.00	89.11 3.34 0.00	80.57 3.17 0.00	71.65 2.81 -0.42	67.01 2.48 -4.12	62.15 2.35 -6.24	57.78 2.15 -7.85	55.01 1.98 -10.11
CRUCIBLE_METL_DRP 24180	48.07 -0.58 0.00	45.52 -0.51 0.00	45.84 -0.51 0.00	45.54 -0.51 0.00	47.36 -0.43 0.00	51.47 -0.63 0.00	70.33 -0.71 0.00	84.16 -0.68 0.00	64.62 -0.52 0.00	52.15 -0.42 0.00	50.25 -0.41 0.00	48.88 -0.44 0.00	47.71 -0.63 0.00	48.59 -0.69 0.00	52.42 -0.69 0.00	61.84 -0.81 0.00	76.73 -1.01 0.00	84.91 -0.86 0.00	76.47 -0.93 0.00	67.64 -0.82 -0.04	60.05 -0.79 -0.42	53.55 -0.64 -0.64	47.87 -0.72 -0.80	43.40 -0.56 -1.03
DAHOWA__HYDRO 323763	51.58 2.92 0.00	48.83 2.81 0.00	49.18 2.83 0.00	48.77 2.72 0.00	50.71 2.92 0.00	55.32 3.23 0.00	75.73 4.69 0.00	89.93 5.09 0.00	69.12 3.97 0.00	54.99 2.42 0.00	52.84 2.18 0.00	51.30 1.98 0.00	50.36 2.03 0.00	51.45 2.17 0.00	55.61 2.50 0.00	66.35 3.70 0.00	82.87 5.13 0.00	91.34 5.57 0.00	82.58 5.19 0.00	73.52 4.58 -0.52	69.42 3.92 -5.07	64.61 3.38 -7.68	60.36 2.92 -9.67	57.90 2.53 -12.45
DANC__LFGE 323619	47.73 -0.93 0.00	45.24 -0.78 0.00	45.61 -0.74 0.00	45.36 -0.69 0.00	47.17 -0.62 0.00	51.41 -0.68 0.00	70.33 -0.71 0.00	84.84 0.00 0.00	65.02 -0.13 0.00	52.04 -0.53 0.00	50.00 -0.66 0.00	48.64 -0.69 0.00	47.46 -0.87 0.00	48.34 -0.94 0.00	52.05 -1.06 0.00	61.84 -0.82 0.00	76.88 -0.85 0.00	84.99 -0.77 0.00	76.78 -0.62 0.00	67.76 -0.68 -0.03	60.02 -0.66 -0.27	53.26 -0.70 -0.40	47.62 -0.67 -0.51	42.93 -0.64 -0.66
DANSKAMMER__1 23586	51.23 2.58 0.00	48.32 2.30 0.00	48.67 2.32 0.00	48.26 2.21 0.00	50.04 2.25 0.00	54.75 2.66 0.00	74.95 3.90 0.00	89.33 4.49 0.00	68.40 3.26 0.00	55.35 2.78 0.00	53.34 2.68 0.00	51.99 2.66 0.00	51.04 2.71 0.00	51.99 2.71 0.00	56.14 3.03 0.00	66.16 3.51 0.00	82.09 4.35 0.00	90.83 5.06 0.00	82.04 4.64 0.00	72.93 4.10 -0.40	67.94 3.56 -3.96	62.88 3.32 -6.00	58.30 2.96 -7.55	55.18 2.53 -9.73
DANSKAMMER__2 23589	51.23 2.58 0.00	48.32 2.30 0.00	48.67 2.32 0.00	48.26 2.21 0.00	50.04 2.25 0.00	54.75 2.66 0.00	74.95 3.90 0.00	89.33 4.49 0.00	68.40 3.26 0.00	55.35 2.78 0.00	53.34 2.68 0.00	51.99 2.66 0.00	51.04 2.71 0.00	51.99 2.71 0.00	56.14 3.03 0.00	66.16 3.51 0.00	82.09 4.35 0.00	90.83 5.06 0.00	82.04 4.64 0.00	72.93 4.10 -0.40	67.94 3.56 -3.96	62.88 3.32 -6.00	58.30 2.96 -7.55	55.18 2.53 -9.73
DANSKAMMER__3 23590	51.23 2.58 0.00	48.32 2.30 0.00	48.67 2.32 0.00	48.26 2.21 0.00	50.04 2.25 0.00	54.75 2.66 0.00	74.95 3.90 0.00	89.33 4.49 0.00	68.40 3.26 0.00	55.35 2.78 0.00	53.34 2.68 0.00	51.99 2.66 0.00	51.04 2.71 0.00	51.99 2.71 0.00	56.14 3.03 0.00	66.16 3.51 0.00	82.09 4.35 0.00	90.83 5.06 0.00	82.04 4.64 0.00	72.93 4.10 -0.40	67.94 3.56 -3.96	62.88 3.32 -6.00	58.30 2.96 -7.55	55.18 2.53 -9.73











































































WDELAWARE___HYD 323627	51.28 2.63 0.00	48.37 2.35 0.00	48.71 2.36 0.00	48.35 2.30 0.00	50.13 2.34 0.00	54.85 2.76 0.00	75.16 4.12 0.00	89.67 4.83 0.00	68.60 3.45 0.00	55.40 2.84 0.00	53.29 2.63 0.00	51.94 2.61 0.00	50.94 2.61 0.00	51.89 2.61 0.00	55.98 2.87 0.00	66.10 3.44 0.00	82.24 4.51 0.00	91.09 5.32 0.00	82.28 4.88 0.00	73.03 4.24 -0.37	67.73 3.69 -3.63	62.42 3.38 -5.49	57.70 3.01 -6.91	54.35 2.53 -8.90
WEST BABYLON___IC 23714	53.09 4.43 -0.01	50.08 4.05 -0.01	50.39 4.03 -0.01	49.64 3.59 0.00	51.28 3.49 0.00	56.47 4.38 0.00	75.45 4.40 0.00	89.16 4.33 0.01	68.07 2.93 0.01	55.88 3.31 0.00	54.51 3.85 0.00	53.27 3.95 0.00	52.25 3.92 0.00	53.86 4.58 0.00	58.32 5.20 -0.01	67.29 4.64 0.00	84.35 6.61 -0.01	93.15 7.38 -0.01	84.29 6.89 -0.01	74.85 6.02 -0.41	69.70 5.32 -3.97	64.64 5.09 -6.00	62.42 4.73 -9.91	56.81 4.16 -9.72
WEST CANADA___HYD 24049	48.80 0.15 0.00	46.16 0.14 0.00	46.49 0.14 0.00	46.19 0.14 0.00	47.94 0.14 0.00	52.30 0.21 0.00	71.40 0.36 0.00	85.27 0.43 0.00	65.47 0.33 0.00	52.78 0.21 0.00	50.86 0.20 0.00	49.53 0.20 0.00	48.53 0.19 0.00	49.48 0.20 0.00	53.32 0.21 0.00	62.97 0.31 0.00	78.13 0.39 0.00	86.20 0.43 0.00	77.79 0.39 0.00	68.76 0.34 0.00	60.66 0.24 0.00	53.77 0.22 0.00	47.97 0.19 0.00	43.09 0.17 0.00
WESTERN_NY_WIND 24143	48.17 -0.49 0.00	45.98 -0.05 0.00	46.35 0.00 0.00	46.42 0.37 0.00	48.22 0.43 0.00	51.31 -0.78 0.00	69.34 -1.71 0.00	83.40 -1.44 0.00	64.56 -0.59 0.00	52.30 -0.26 0.00	50.61 -0.05 0.00	49.13 -0.20 0.00	47.80 -0.53 0.00	48.34 -0.94 0.00	51.57 -1.54 0.00	60.72 -1.94 0.00	74.86 -2.88 0.00	82.16 -3.60 0.00	73.45 -3.95 0.00	65.12 -3.35 -0.06	57.95 -3.02 -0.56	51.83 -2.57 -0.84	46.69 -2.15 -1.06	42.76 -1.55 -1.38
WESTOVER___LESR 323668	48.66 0.00 0.00	46.16 0.14 0.00	46.49 0.14 0.00	46.28 0.23 0.00	48.08 0.29 0.00	52.25 0.16 0.00	71.11 0.07 0.00	85.01 0.17 0.00	65.28 0.13 0.00	52.88 0.32 0.00	51.01 0.35 0.00	49.62 0.30 0.00	48.43 0.10 0.00	49.28 0.00 0.00	52.95 -0.16 0.00	62.34 -0.31 0.00	77.19 -0.54 0.00	85.42 -0.34 0.00	76.86 -0.54 0.00	67.73 -0.82 -0.13	61.01 -0.72 -1.32	54.97 -0.59 -2.00	49.73 -0.57 -2.52	45.78 -0.39 -3.25
WETHRSFD_WT_PWR 323626	46.57 -2.09 0.00	44.64 -1.38 0.00	45.24 -1.11 0.00	45.36 -0.69 0.00	47.27 -0.52 0.00	50.79 -1.30 0.00	68.13 -2.92 0.00	82.12 -2.72 0.00	63.06 -2.09 0.00	51.52 -1.05 0.00	49.95 -0.71 0.00	48.49 -0.84 0.00	47.22 -1.11 0.00	47.75 -1.53 0.00	51.15 -1.96 0.00	59.84 -2.82 0.00	73.38 -4.35 0.00	81.13 -4.63 0.00	72.44 -4.96 0.00	63.37 -5.13 -0.08	56.59 -4.59 -0.77	50.60 -4.12 -1.17	45.76 -3.49 -1.47	42.02 -2.79 -1.89
WHAVSTOR_138KV_BK127 55557	51.09 2.43 0.00	48.14 2.12 0.00	48.44 2.09 0.00	48.08 2.03 0.00	49.75 1.96 0.00	54.54 2.45 0.00	74.67 3.62 0.00	88.91 4.07 0.00	67.88 2.74 0.00	55.14 2.58 0.00	53.29 2.63 0.00	51.99 2.66 0.00	51.04 2.71 0.00	52.04 2.76 0.00	56.14 3.03 0.00	65.79 3.13 0.00	81.47 3.73 0.00	90.06 4.29 0.00	81.34 3.95 0.00	72.30 3.49 -0.39	67.34 3.08 -3.85	62.27 2.89 -5.82	57.88 2.77 -7.33	54.72 2.36 -9.43
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.09 2.43 0.00	48.14 2.12 0.00	48.44 2.09 0.00	48.08 2.03 0.00	49.75 1.96 0.00	54.54 2.45 0.00	74.67 3.62 0.00	88.91 4.07 0.00	67.88 2.74 0.00	55.14 2.58 0.00	53.29 2.63 0.00	51.99 2.66 0.00	51.04 2.71 0.00	52.04 2.76 0.00	56.14 3.03 0.00	65.79 3.13 0.00	81.47 3.73 0.00	90.06 4.29 0.00	81.34 3.95 0.00	72.30 3.49 -0.39	67.34 3.08 -3.85	62.27 2.89 -5.82	57.88 2.77 -7.33	54.72 2.36 -9.43
WHITEHAL_115KV_TB1 80871	52.31 3.65 0.00	49.61 3.59 0.00	49.96 3.62 0.00	49.50 3.45 0.00	51.57 3.78 0.00	56.31 4.22 0.00	77.51 6.46 0.00	91.88 7.04 0.00	70.49 5.34 0.00	55.72 3.15 0.00	53.55 2.89 0.00	51.89 2.57 0.00	50.85 2.51 0.00	51.89 2.61 0.00	56.30 3.19 0.00	67.61 4.95 0.00	84.58 6.84 0.00	93.31 7.55 0.00	84.36 6.97 0.00	75.10 6.16 -0.52	70.77 5.26 -5.10	65.71 4.45 -7.71	61.22 3.73 -9.71	58.64 3.22 -12.50
WHITEPLN_13_KV_LOAD 356215	51.77 3.11 0.00	48.83 2.81 0.00	49.13 2.78 0.00	48.68 2.62 0.00	50.42 2.63 0.00	55.27 3.18 0.00	75.73 4.69 0.00	90.44 5.60 0.00	69.25 4.10 0.00	56.09 3.52 0.00	54.15 3.50 0.00	52.88 3.55 0.00	51.86 3.53 0.00	52.88 3.60 0.00	57.09 3.98 0.00	67.11 4.45 0.00	83.26 5.52 0.00	91.94 6.18 0.00	83.12 5.73 0.00	73.82 4.99 -0.40	68.65 4.29 -3.95	63.50 3.96 -5.98	58.84 3.54 -7.52	55.66 3.05 -9.69
WM_FLOYD_69_KV_BK2 356380	52.75 4.09 -0.01	49.71 3.68 -0.01	50.02 3.66 -0.01	49.23 3.18 0.00	50.90 3.11 0.00	55.95 3.85 0.00	74.24 3.20 0.00	87.38 2.55 0.01	66.90 1.76 0.01	55.04 2.47 0.00	53.70 3.04 0.00	52.44 3.11 0.00	51.43 3.09 0.00	53.08 3.79 0.00	57.58 4.46 -0.01	66.17 3.51 0.00	83.19 5.44 -0.01	91.69 5.92 -0.01	83.21 5.80 -0.01	73.62 4.79 -0.41	68.43 4.05 -3.97	63.68 4.12 -6.00	61.51 3.97 -9.77	56.25 3.61 -9.72
WOODARD___115KV_TB2 355635	47.78 -0.88 0.00	45.24 -0.78 0.00	45.52 -0.83 0.00	45.27 -0.78 0.00	47.03 -0.76 0.00	51.10 -0.99 0.00	69.76 -1.28 0.00	83.48 -1.36 0.00	64.10 -1.04 0.00	51.78 -0.79 0.00	49.90 -0.76 0.00	48.59 -0.74 0.00	47.46 -0.87 0.00	48.34 -0.94 0.00	52.10 -1.01 0.00	61.40 -1.25 0.00	76.18 -1.55 0.00	84.22 -1.54 0.00	75.85 -1.55 0.00	67.16 -1.30 -0.04	59.58 -1.21 -0.37	53.10 -1.02 -0.57	47.49 -1.00 -0.71	43.02 -0.82 -0.92
WOODMERE_69_KV_BK1 55827	52.12 3.45 -0.01	49.12 3.08 -0.01	49.47 3.11 -0.01	48.81 2.76 0.00	50.52 2.72 0.00	55.58 3.49 0.00	74.38 3.34 0.00	88.23 3.39 0.01	67.42 2.28 0.01	55.35 2.79 0.00	53.85 3.19 0.00	52.63 3.30 0.00	51.62 3.29 0.00	53.08 3.79 0.00	57.21 4.09 -0.01	66.29 3.63 0.00	82.72 4.98 -0.01	91.44 5.66 -0.01	82.59 5.19 -0.01	73.42 4.58 -0.42	68.43 4.05 -3.97	63.31 3.75 -6.00	61.83 3.49 -10.56	55.78 3.13 -9.73
YORK___WARBASSE 23770	52.01 3.36 0.00	48.83 2.81 0.00	49.18 2.83 0.00	48.77 2.72 0.00	50.47 2.68 0.00	55.22 3.13 0.00	75.52 4.48 0.00	90.37 5.51 -0.02	68.92 3.78 0.00	61.54 2.94 -6.03	59.75 3.04 -6.05	53.76 3.06 -1.37	51.78 3.43 -0.02	60.11 3.15 -7.67	58.99 3.45 -2.43	67.69 3.63 -1.40	82.87 5.13 0.00	91.62 5.83 -0.02	82.82 5.42 0.00	73.48 4.65 -0.40	68.48 4.11 -3.96	63.51 3.96 -5.99	59.00 3.68 -7.54	55.77 3.13 -9.71