**GE Energy Farm[[1]](#footnote-1)**

**GE Energy recently purchased 450 acres of land in California. They plan to utilize it as an energy farm, building either a solar farm or wind farm on each acre. Each acre used for a solar farm will bring $2000 profit, requires 3 inverters and requires two tons of glass-fiber reinforced epoxy, used in building solar panels. Each acre used to build a wind farm will bring in $3000 profit, requires 2 inverters and four tons of glass-fiber reinforced epoxy, used in building turbine blades. There are currently 1000 inverters and 1200 tons of glass-fiber reinforced epoxy available. Help GE Energy maximize profit from this land.**

1. This exercise problem and related solutions were originally developed by Athira Praveen based on Practical Management Science 5th Edition. This current revision was revised by Nowed Patwary. [↑](#footnote-ref-1)