

## **GE Energy Farm<sup>1</sup>**

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.

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<sup>1</sup> This exercise problem and related solutions were originally developed by Athira Praveen based on Practical Management Science 5<sup>th</sup> Edition. This current revision was revised by Nowed Patwary.