

# JUST THE FACTS



## **TULLAHOMA** **GREEN POWER**

### **OVERVIEW**

The TUA Solar Farm is **located on just over one acre of land** on Spring Creek Road in Tullahoma, Tennessee. The project was **completed in April 2019** and started producing power 7 days a week. At **239.76 kW DC**, the TUA Solar Farm is relatively small but can generate enough renewable energy to power approximately **27 average Tullahoma homes**.

The TUA Solar Farm array is a **fixed tilt array** and contains **648 modules**, each **generating 370 Watts** of power at peak efficiency. Estimated power produced will be **280,000 kWh annually**. A typical home uses 10,399 kWh per year.

Every 1 kWh of energy produced by a solar farm prevents 1.2 pounds of CO<sub>2</sub> pollution each year. If you divide that by the 280,000 kWh per year produced by the TUA Solar Farm, the TUA Solar Farm will contribute to the **prevention of more than 336,000 pounds of CO<sub>2</sub> pollution each year**.

### **COST**

Solar energy is a clean, safe and renewable source of energy. Solar farms are a relatively effective and unobtrusive way of generating electricity. The only drawback with this technology is that solar farms occupy large space and are pricey. However, the benefits of solar farms far outweigh their high installation costs and other limitations. The TUA Solar Farm cost was **just over \$300,000** and has a lifespan of 30/40 years.

### **SUPPORT**

Want to do your part to support clean, renewable energy? For as little as **\$4 a month**, you can support solar energy production and breathe a little easier knowing you're taking positive action to reduce your carbon footprint. Each \$4 block you buy **ensures that 100 kilowatt-hours of clean, renewable energy is added to TUA's electricity mix**. To sign up call TUA's Customer Service at 455-4515.