

Sustainable Energy



Why use Sustainable Energy?

- Reduces carbon emissions
- Lowers and regulates energy bills
- Decreases dependence on fossil fuels
- Government incentives are available for installation



Sustainable Energy SUGGESTIONS & TIPS



Benefits of Sustainable Energy in you Home

- Reduces greenhouse gas emissions, air and water pollution in your local area.
- Reduces and regulates or removes fuel bills

First steps

- Take advantage of government incentives and rebates for renewable energy installations.
- Conduct an energy audit to identify areas for improvement in energy efficiency.



Solar Electric



Key Benefits of Solar Panels

- Cut electricity bills
- Reduce carbon footprint
- Requires minimal maintenance
- Government funding available
- Increase home value



Solar Electric SUGGESTIONS & TIPS



How Solar Panels Generate Power

- Convert sunlight into electricity using photovoltaic cells
- Work effectively even on cloudy days

Why Choose Solar Energy?

- Save significantly on energy bills
- Reduce reliance on fossil fuels and emissions

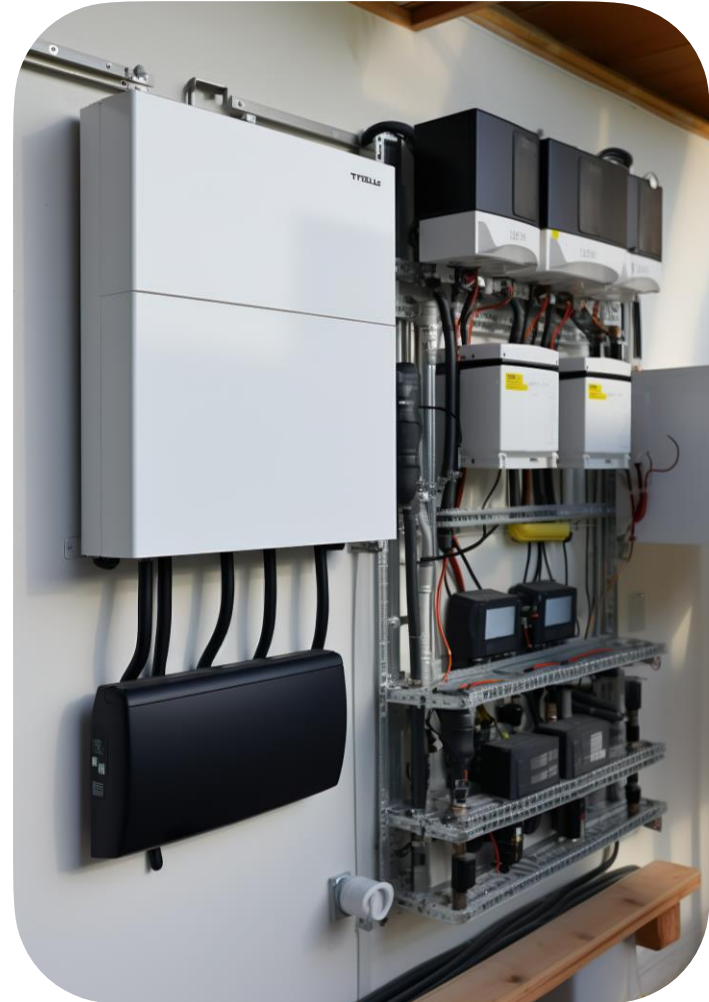


Battery Storage



Key Benefits of Energy Storage

- Store excess renewable energy
- Use energy during peak hours
- Lower electricity bills
- Reduce grid reliance
- Increase power reliability



Battery Storage

SUGGESTIONS & TIPS



How Energy Storage Works

- Collects and keeps extra energy from solar panels or wind
- Supplies power to your home when needed, like at night

Why Store Energy?

- Save money by using stored energy during expensive peak times
- Have a backup power source during outages or when the grid is down



Solar Water Heating



Benefits of Solar Water Heating

- Provides free hot water from the sun
- Cuts down on gas or electric bills
- Reduces carbon emissions
- Works year-round, even in winter
- Low maintenance after installation



Solar Water Heating SUGGESTIONS & TIPS



How Solar Water Heating Works

- Uses solar collectors on the roof to capture sunlight and convert it into heat.
- The heat is transferred to your water tank, providing hot water for your home.

Why Choose Solar Water Heating?

- Save money on your energy bills by using free solar energy to heat your water.
- Reliable hot water supply, even during cloudy days and winter months.



Air Source Heat Pumps



Benefits of ASHPs

- Heat your home with outside air
- Save on heating and cooling costs
- Lower carbon emissions
- Works in cold and hot weather
- Easy to install and maintain



Air Source Heat Pumps SUGGESTIONS & TIPS



How Air Source Heat Pumps Work

- Absorb heat from the outside air and transfer it inside to heat your home.
- Can also work in reverse to cool your home in the summer, using the same system.

Why Choose Air Source Heat Pumps?

- Reduce your energy bills by using renewable energy.
- Environmentally friendly, reliable and quiet solution to heat your home.



Ground Source Heat Pumps



Benefits of GSHPs

- Heat your home using ground heat
- Save on heating and cooling costs
- Lower carbon emissions
- Consistent energy year-round
- Low maintenance and long lifespan



Ground Source Heat Pumps SUGGESTIONS & TIPS



How Ground Source Heat Pumps Work

- Extract heat from the ground using buried pipes and transfer it to your home.
- Can cool your home by reversing the process, transferring heat back into the ground.

Why Choose Ground Source Heat Pumps?

- Reduce your energy bills.
- Environmentally friendly, significantly reducing your reliance on fossil fuels and lowering greenhouse gas emissions.

