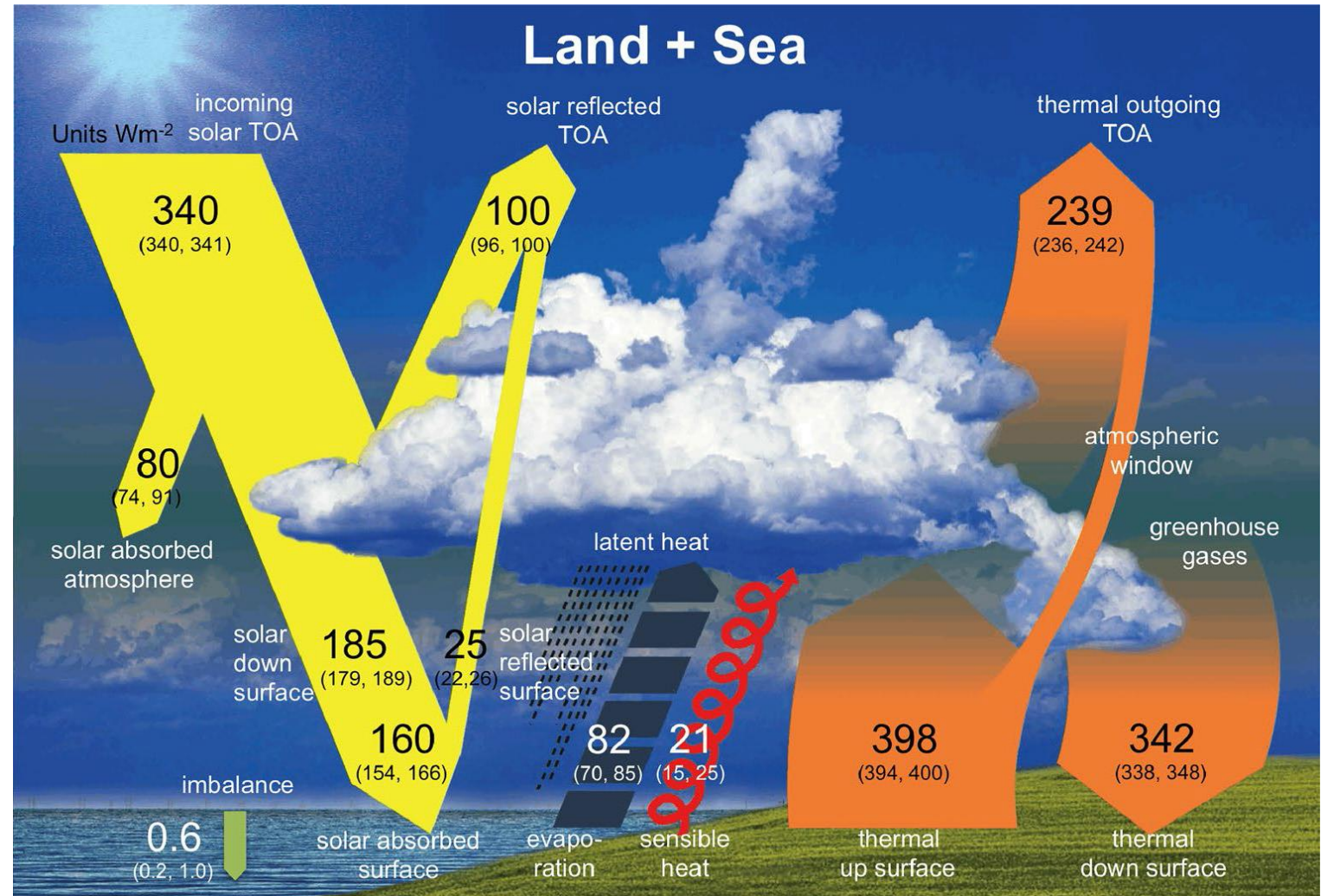


EE project: sun tracking system



A full-disk image of the Sun, showing a bright, textured surface with numerous solar flares and coronal mass ejections (CMEs) visible as bright, elongated structures extending from the solar limb. The background is black, highlighting the Sun's intense glow.



Solar Energy Applications



Water heater

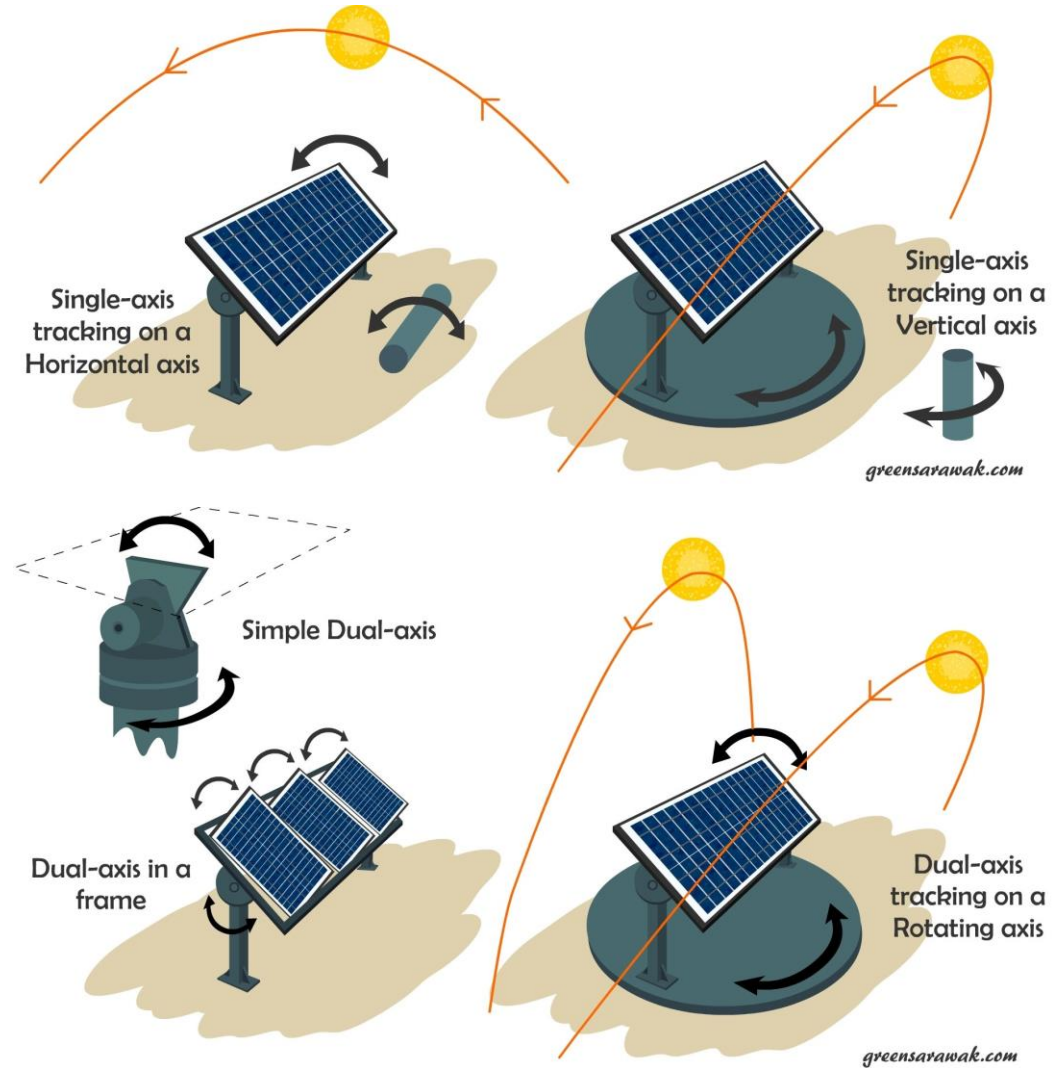
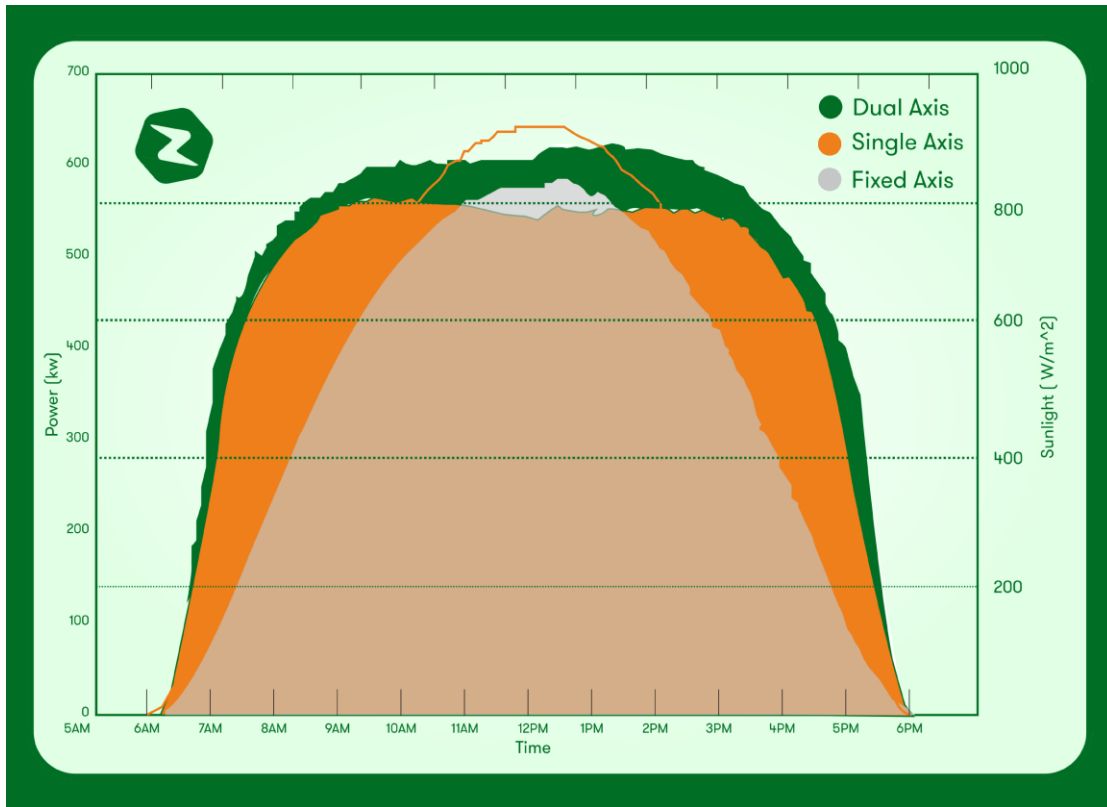


Molten salt power station



Photovoltaic cell

Sun Tracking Technologies



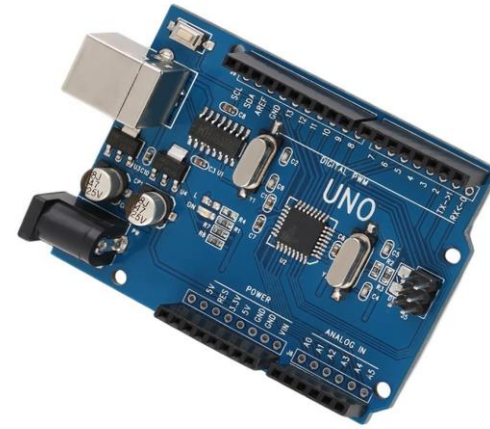
Sun Tracking in Power Station



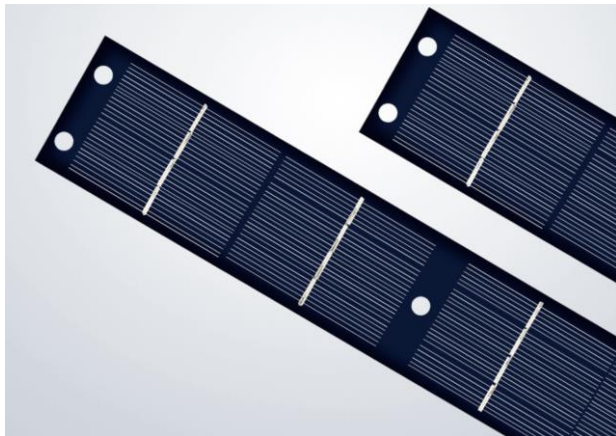
Project Materials



Dual-axis
servo



Arduino
development
platform

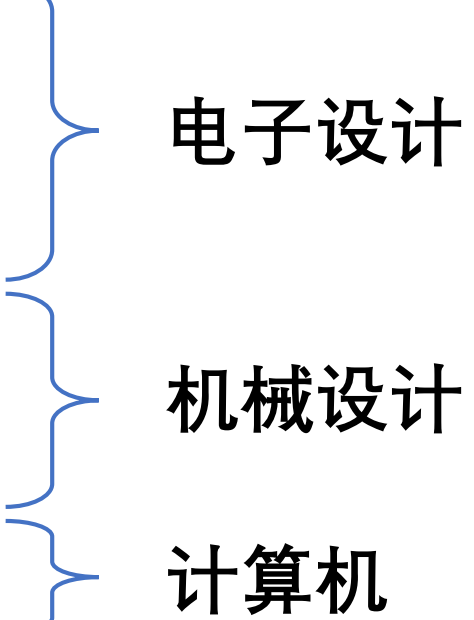


Solar cell panel



Light sensor

You Can Learn and Practice

- Circuit design 基础电路设计
 - PCB design and layout 印刷电路板设计与制作
 - Basic power electronics 基础能量转换技术
 - Electromechanical control 机电控制
 - CAD and 3D print 三维设计和3D打印
 - Basic embedded system 基础嵌入式系统
- 
- The diagram uses blue curly braces to group the topics into three categories:
- 电子设计** (Electronic Design): Includes Circuit design, PCB design and layout, and Basic power electronics.
 - 机械设计** (Mechanical Design): Includes Electromechanical control.
 - 计算机** (Computer): Includes CAD and 3D print, and Basic embedded system.

Rubrics

