# Energy Systems

The twilight belt’s relentless winds form the foundation of Duskaran energy production. Massive wind turbines dominate the landscape, capturing the unceasing gales to power settlements. These adaptive turbines adjust to shifts in wind direction and intensity, ensuring maximum efficiency and longevity. The energy collected is stored in decentralized wind banks, preventing outages during storms or mechanical failures.

In the caves of the night side, geothermal energy reigns supreme. Natural heat sources are tapped using heat exchangers, which convert warmth into electricity or direct heating for homes and machinery. Portable thermal coils store this energy for use in remote or colder regions, providing a lifeline to isolated communities.

Specialized generators near the storm walls harness the temperature gradients between the day and night sides, converting these extremes into sustainable power. This innovative approach highlights Duskarans’ ability to adapt to their planet’s unique challenges. To ensure reliability across conditions, energy is stored in advanced cryo-batteries, which maintain efficiency in harsh environments, and thermal capacitors, which preserve surplus heat for later use.

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