

Reference Materials for Renewable Energy Monitoring System

1. Research Papers

- **"IoT-Based Energy Monitoring Systems: A Survey"**
Overview of IoT applications in energy monitoring.
[Link](#)

2. Technologies

- **Arduino/ESP32:** For sensor data collection.
[Docs](#)
- **Grafana:** For real-time energy data visualization.
[Docs](#)

3. Key Concepts

- **Solar/Wind energy data acquisition.**
- **Predictive analytics for energy consumption.**
- **Cloud-based dashboards for monitoring.**