Energy Harvesting Systems: Wind Turbine Blade Design: Two-blade turbines need higher wind speeds to start. VAWTs: Vertical axis, no yaw mechanism, less efficient. Wind Turbine Classification: By Axis: HAWTs: Horizontal axis, more common. Blade radius increases captured energy. By Power Capacity: Classified as small, medium, or large based on power capacity. Blades are lightweight and use lift and drag forces.