

Evolve Back Kabini, Nagarhole
Putting Back More Green Energy Than the Resort Consumes



Two off-site wind farms owned by Orange County Resorts & Hotels at Gajendragad in Karnataka and Thenkasi in Tamil Nadu generate more green and clean power than their resorts consume.



Solar thermal supplies all the resort's hot water.

Evolve Back Kabini, part of family run Orange County Resorts, has an impressive approach to energy use setting out to minimise consumption alongside its use of renewable energy. The jewels in the crown are two off-site wind farms owned by Orange County at Gajendragad in Karnataka and Thenkasi in Tami Nadu. These two sites combined generate more green and clean power than Orange County's two resorts consume and save 90% of their energy costs in grid payback after administrative costs have been covered.

Hot water at Evolve Back Kabini is heated by a centralised solar water heating system meeting all the resort's requirements.

A biogas plant using food and organic waste provides gas for cooking supplemented by LPG, a cleaner alternative to wood.

The resort has an active Green Team and monitors energy use on a daily basis with a cluster-based power consumption monitoring system in place to help identify opportunities for energy saving. Targets are set annually. Rooms have a one key system turning off all electricity as guests exit the room.



Biogas unit using food waste to power cooking.



Cluster based monitoring.

OCR Kabini Daily HLP		
act's	380KVA	140KVA
mita		25
Consumption		
Unit		
Cost		
Price		
Con		
Consumption		
Total Fuel Utilization Cost		

Daily energy monitoring.

A combination of CFL and LED bulbs are used throughout the property and most appliances in use are star rated to maximise energy efficiency. Guest rooms have no TV; cultural performances are provided as an alternative entertainment.



Bullock cart rides - low carbon combined with cultural insight.

The resort offers a range of low carbon options to explore the area including bicycles, bullock cart rides and coracles.

Local farmers are encouraged to supply organic food for the resort's kitchen. Local cuisine is served in the restaurant and cookery classes give guests an inspiring insight into local culture.



Local cuisine.



Cultural performances are offered instead of TV.



Cookery classes giving an insight into local cuisine.

Evolve Back Kabini has carried out extensive replanting on-site making a positive contribution to carbon sequestration. The resort has also provided LED lights in the village with electricity from their solar photovoltaic panels which also power the Resort's staff quarters.



Extensive tree planting provides natural shade and cooling for guest accommodation.