Mall: DG Burn on Hot Low-Footfall Afternoons

Diesel generators run hardest when footfall is lowest. Heat is the villain.

At a Glance

Diesel generators burn hardest during afternoon peak heat when customer footfall is lowest. Generators serve cooling load even with minimal occupancy. Heat is the operational villain.

Summary

Shopping malls in India operate diesel generators because grid power unreliable during peak summer heat. Generator load heaviest during afternoon peak heat when customer footfall drops lowest. Perverse economics: maximum energy cost at minimum revenue time. Thermopod™ Biothermal Microconditioning reduces cooling load backup generators must serve. DG runtime drops and fuel consumption per month decreases significantly. Return on investment typically under 2 years in malls with high DG burn rates. Operational cost drops immediately. Environmental impact improves measurably. Biothermal Microconditioning is Easy Retrofit for mall expansions existing common areas.