

CFL - A Win Win - Tool
Comparison of power generation
vis-a-vis power savings

In case, one million 100W GLS lamps are replaced by CFLs of 20 Watt each,
the savings would be

Load demand for GLS 100W	100 MW
Load demand for CFL 20W	20 MW
Saving in power generation	80 MW
Saving in cost of generation @Rs.5crore/MW(overlooking cost of T&D and consequential losses)	Rs 400 Crores
Cost of one million CFLs @ Rs.150/- each	Rs 15 Crores
Savings in investment	Rs 385 Crores
Saving in annual power consumption of power (4 Hrs/day for 300 days @ Rs.4/- per kwh)	Rs 112 Crores