

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:4035
ANSWERED ON:21.03.2013
GREEN BUILDING IN RAILWAYS
Pangi Shri Jayaram

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railways have successfully developed a green building in the country;
- (b) if so, the details thereof along with the financial implication involved therein vis-à-vis likely advantage thereof;
- (c) whether the Railways propose to open more such Green buildings in the country in near future; and
- (d) if so, the details thereof along with the locations identified for the purpose?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI ADHIR RANJAN CHOWDHURY)

(a) Yes, Madam.

(b) The office of the Chief Administrative Officer/Construction at Secunderabad under South Central Railway has been constructed as Green building and has been awarded 3 star GRIHA (Green Rating for Integrated Habitat Assessment) certification recently. It is G+4 storied building with plinth area 4405 sqm. The cost of this building is Rs. 18 crores approximately.

This building is having 40% energy reduction in the lighting and AC by using various sensors and computer based monitoring system. A suitable sewerage plant has been constructed and treated water is consumed in plantation and development of greenery. All the rain water in the roof and lawn is harvested to increase the water table.

(c) & (d) Administrative Building, at Pune for Indian Railway Institute of Civil Engineering, (IRICEN) which is under construction, shall also be a Green Building. It has been registered for LEED (Leadership in Energy and Environment Design) certification.