

ELECTRICITY GENERATING AUTHORITY OF THAILAND, EGAT

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Application range
Office

Type
Reference

EGAT is Thailand's leading state-owned power utility under the Ministry of Energy, responsible for electric power generation and transmission for the whole country as well as bulk electric energy sales.

TROX supplied for the new office tower of the Electricity Generating Authority of Thailand (EGAT) 792 units of active chilled beams and Volume Flow Limiter (VFL). EGAT understood the importance of saving energy towards a greener future and invested as into the for Thailand new technology which beside saving energy also provides a healthier indoor environment through no or less recirculating of contaminated air. Low air movement and low noise helps to increase the productivity of an employee as there is no obstruction of air draft.

TROX chilled beam system allows full flexibility of arrangement on office furniture's in their open office concept. Beside saving energy in the daily operation, the chilled beam system allows saving at the civil engineering part as the floor to floor height can be reduced. In a conventional system the supply air is used for fresh air supply and cooling purpose. The chilled beams system uses only fresh air for the occupants and the additional cooling needed is handled by water. There is a huge saving on duct sizes which allows the savings of floor to floor height.