

## Summary of study: Refrigeration system in a food processing unit: Unit - 7

**Industry** : Food processing

**Unit profile** : A food processing unit located in Bhimavaram (Andhra Pradesh) engaged in production, processing and preservation of seafood and other food products

**Technology** :

- Water source heat pump system

**Application** : Energy savings by installing water source heat pump system in place of existing coal-fired boiler

**Year of investigation:** 2018

**Key features:**

- Water source heat pump system in place of existing coal-fired boiler



**Energy and cost saving:**

Details	Existing	Recommended	Energy saving potential
Cold storage system	Coal-fired boiler (6 tph)	Water source heat pump system	Low