

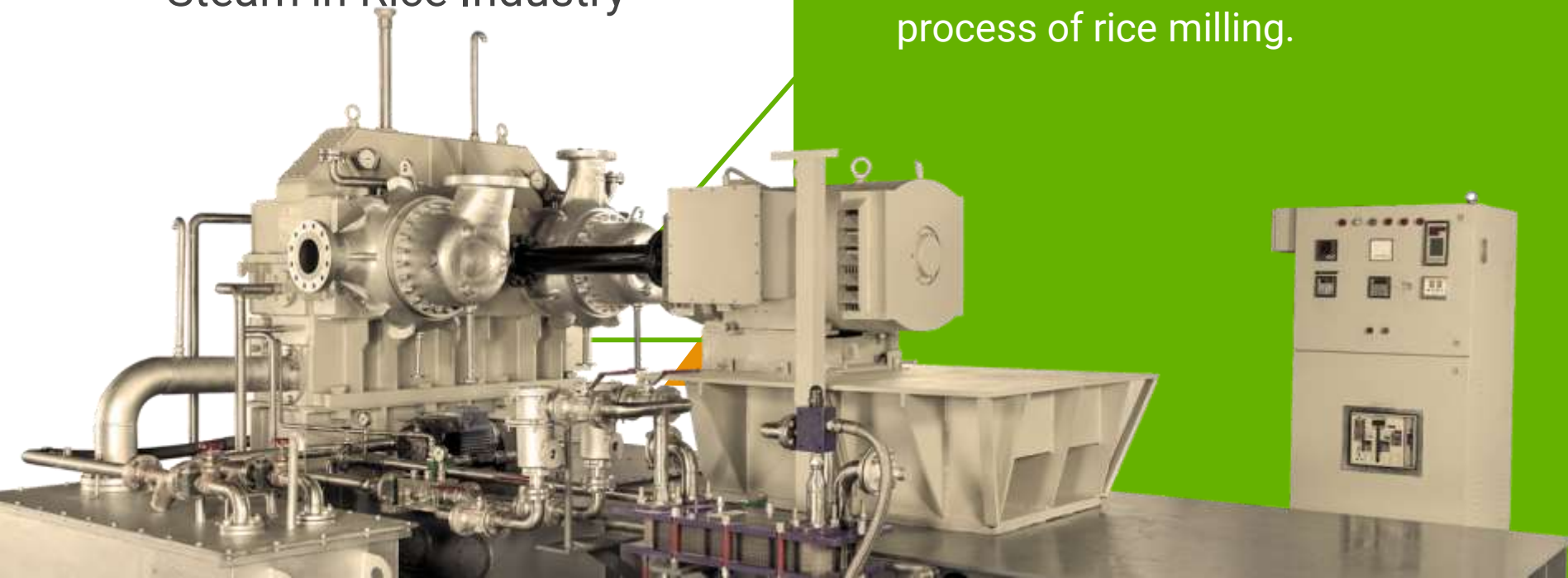
# Rice industry case studies



# Introduction

## Steam in Rice Industry

High-pressure & high-temperature steam are needed throughout the process of rice milling.



# Case Study 1 – Rice plant in Punjab





# Rice plant in Punjab

## Context

**The company**  
delivers large volumes to various governmental organisations across the globe in more than 74 countries

## Solution

**TurboTech's Turbine**  
After understanding the plant's requirement TurboTech suggested a MK4 - Two Stage Back Pressure Turbine

## Impact

**Power generation**  
950kW of energy is generated from the steam that was being otherwise wasted



# Case Study 2 – Rice plant in Punjab





# Rice plant in Punjab



## The company

is one of the largestt  
anufacturer of grain rice,  
basmati rice & ponni rice  
in Northern India

## TurboTech's Turbine

After understanding the  
plant's requirement  
TurboTech suggested a  
MK4 – Four stage  
Extraction cum  
Condensing Back  
Pressure Turbine

## Power generation

2500kW of energy is  
generated from the  
steam that was being  
otherwise wasted



# Case Study 3 - Rice plant in Andhra Pradesh





# Rice plant in Andhra Pradesh

## Context


**The company**  
is a leading exporter,  
manufacturer & supplier  
of Raw Rice , Boiled Rice,  
Steam Rice from Andhra  
Pradesh, India.

## Solution

**TurboTech's Turbine**  
After understanding the  
plant's requirement  
TurboTech suggested a  
MK7 –Two Stage Back  
Pressure Turbine

## Impact

**Power generation**  
355W of energy is  
generated from the  
steam that was being  
otherwise wasted







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**Thank you**

