

WELCOME TO

IMAGEX TECHNOLOGIES INDIA PVT LTD
(ISO 9001 2008 Company)

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ImageX

Energy Environment
Engineering

Husk Power

Business Review and Outlook

Prasanna Kulkarni

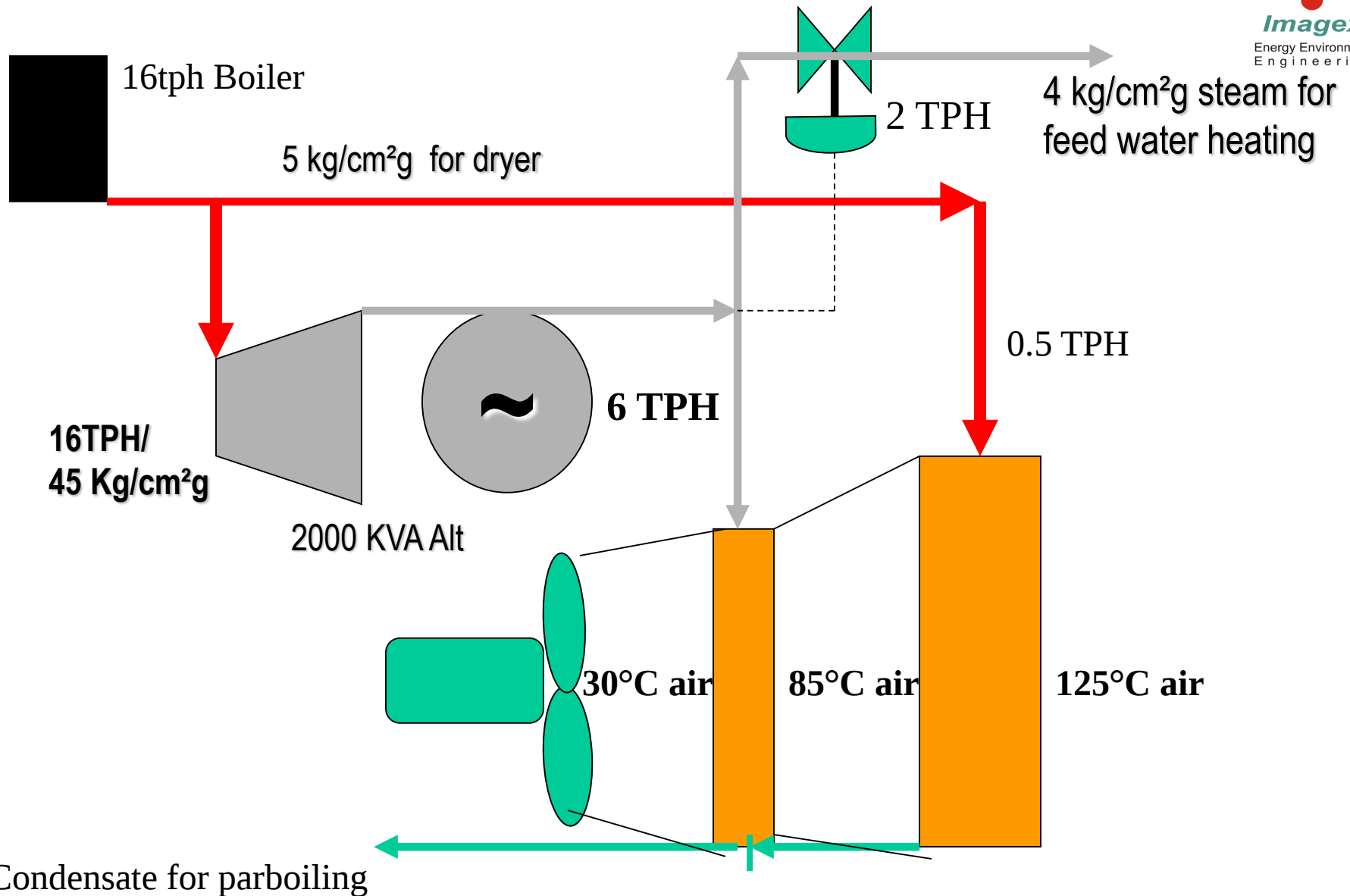
IMAGEX TECHNOLOGIES INDIA PVT LTD

45/B, 1ST MAIN, 3RD PHASE

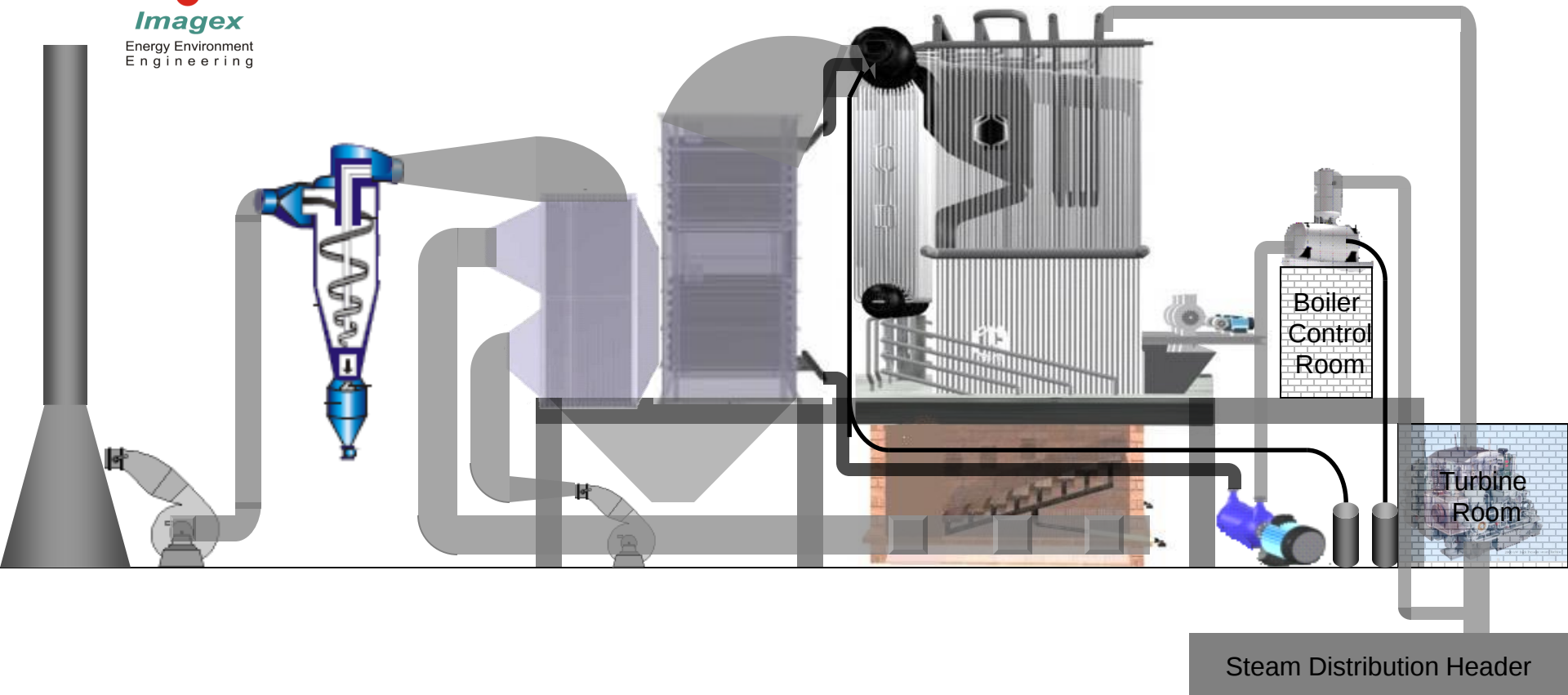
J.P.NAGAR, BANGALORE 560078 - INDIA

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Husk Based Power Generation Scheme For 16TPH Rice Mill

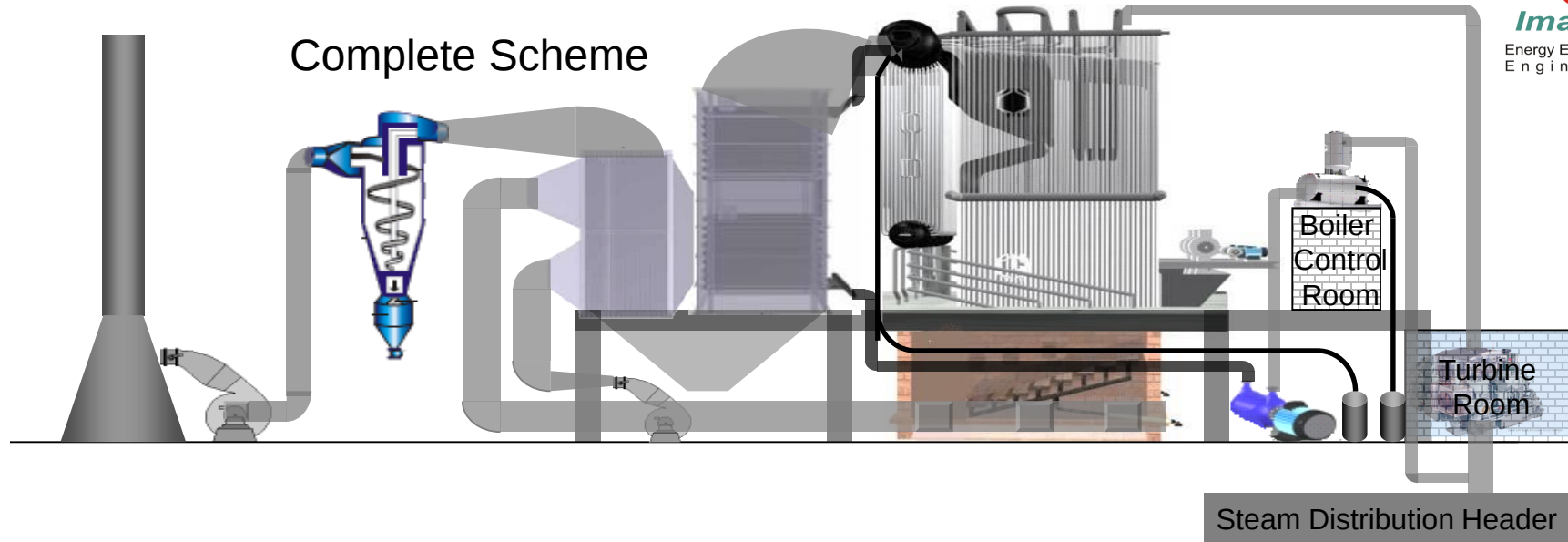


Imagex- Proposed Scheme

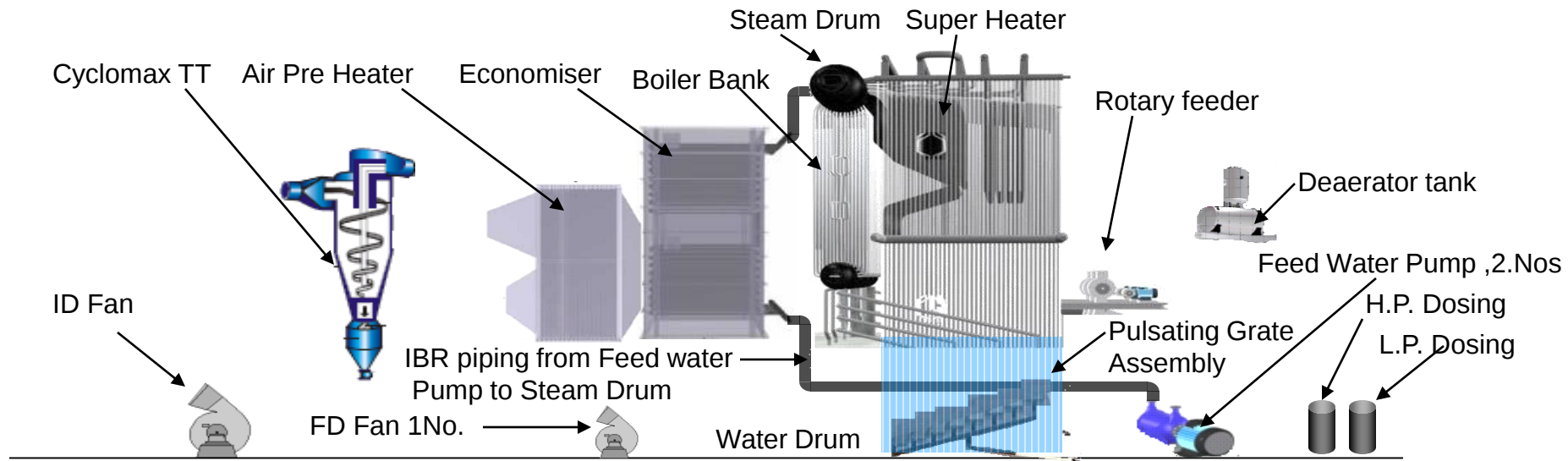


- A boiler of 10 TPH 45 kg/cm² Boiler delivering Steam at 415 °C
- Supply the Steam to Back Pressure turbine OR condensing turbine- Multistage
- Supply the Low pressure exhaust steam at 5 kg/cm² for parboiling
- Depending on process need whatever steam load is available Power will be generated .
- Generated Power will be in accordance of steam load which is to be used in Grid Parallel Mode

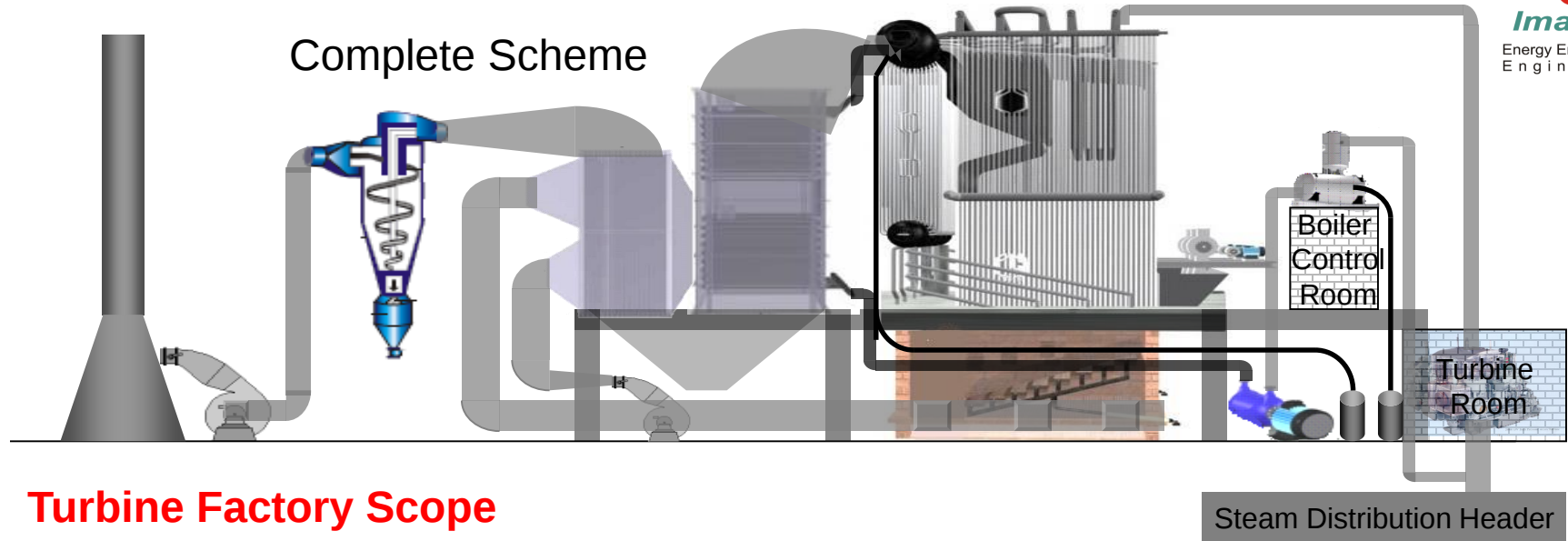
Proposed Scope Supply



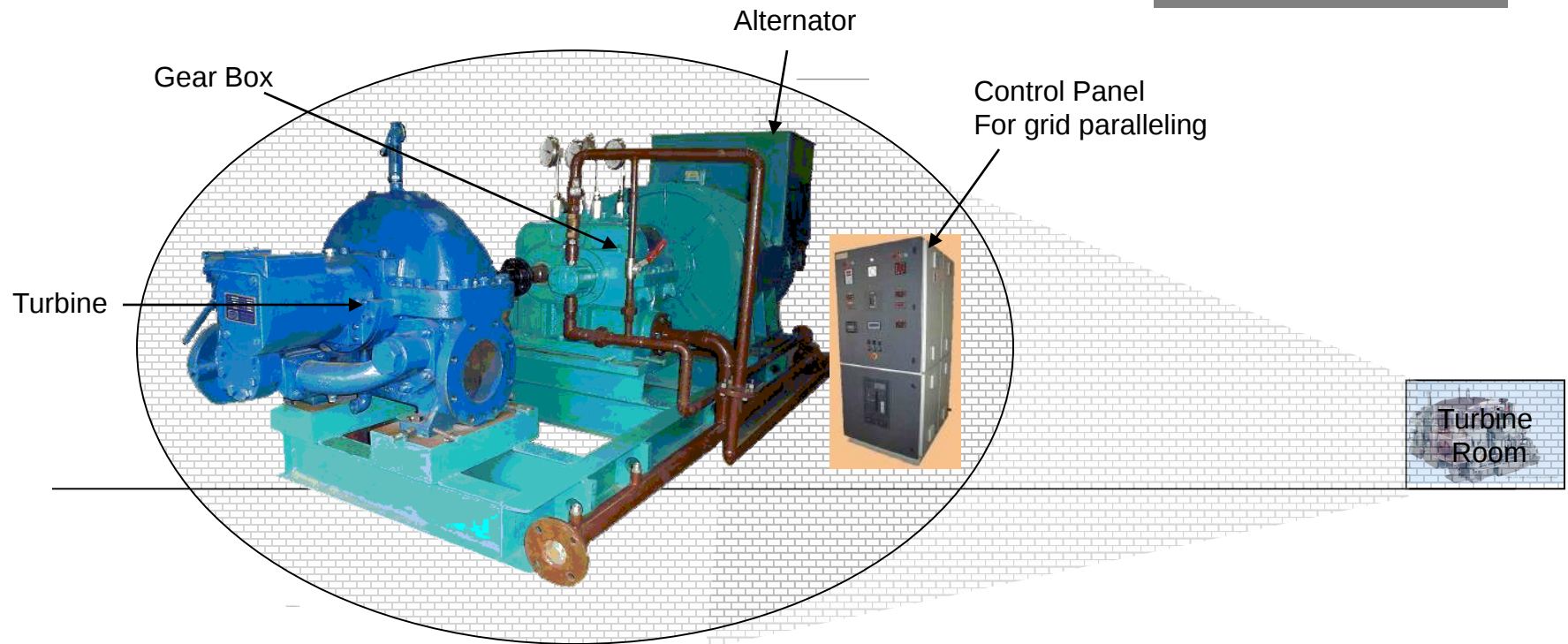
Boiler Supply Scope



Proposed Scope Supply



Turbine Factory Scope

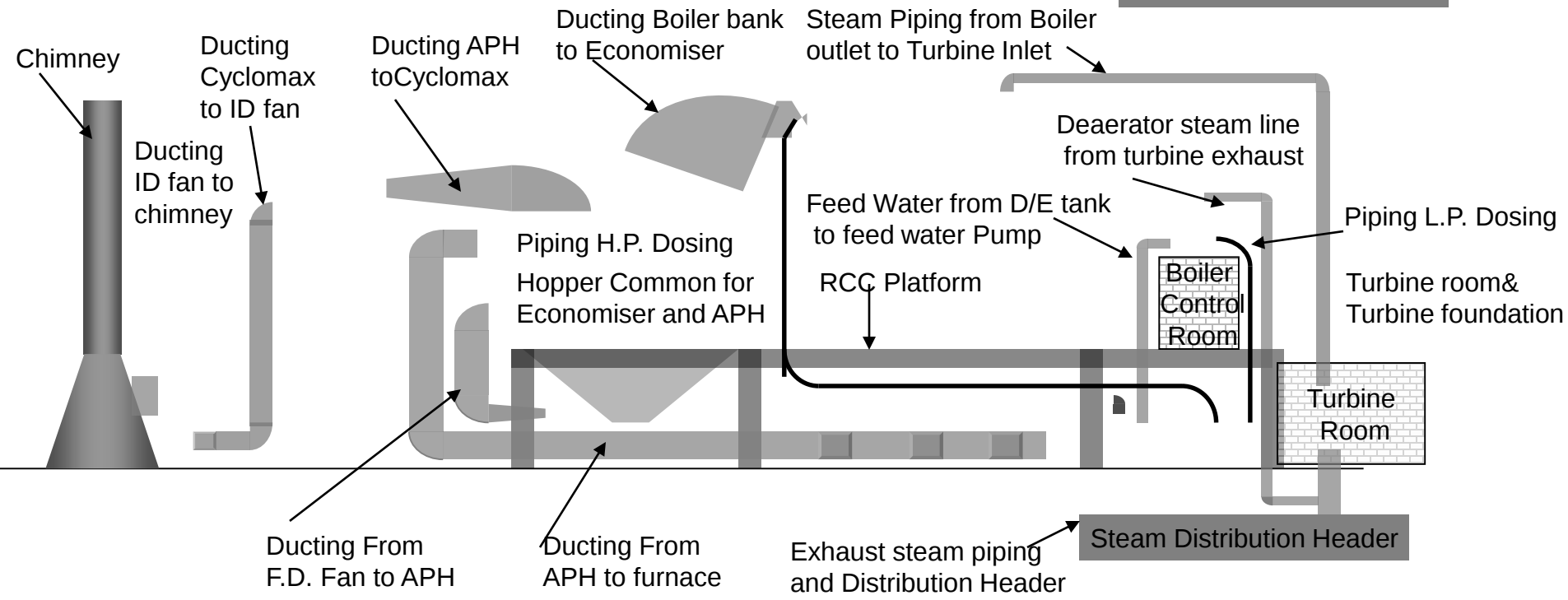


Proposed Scope Supply

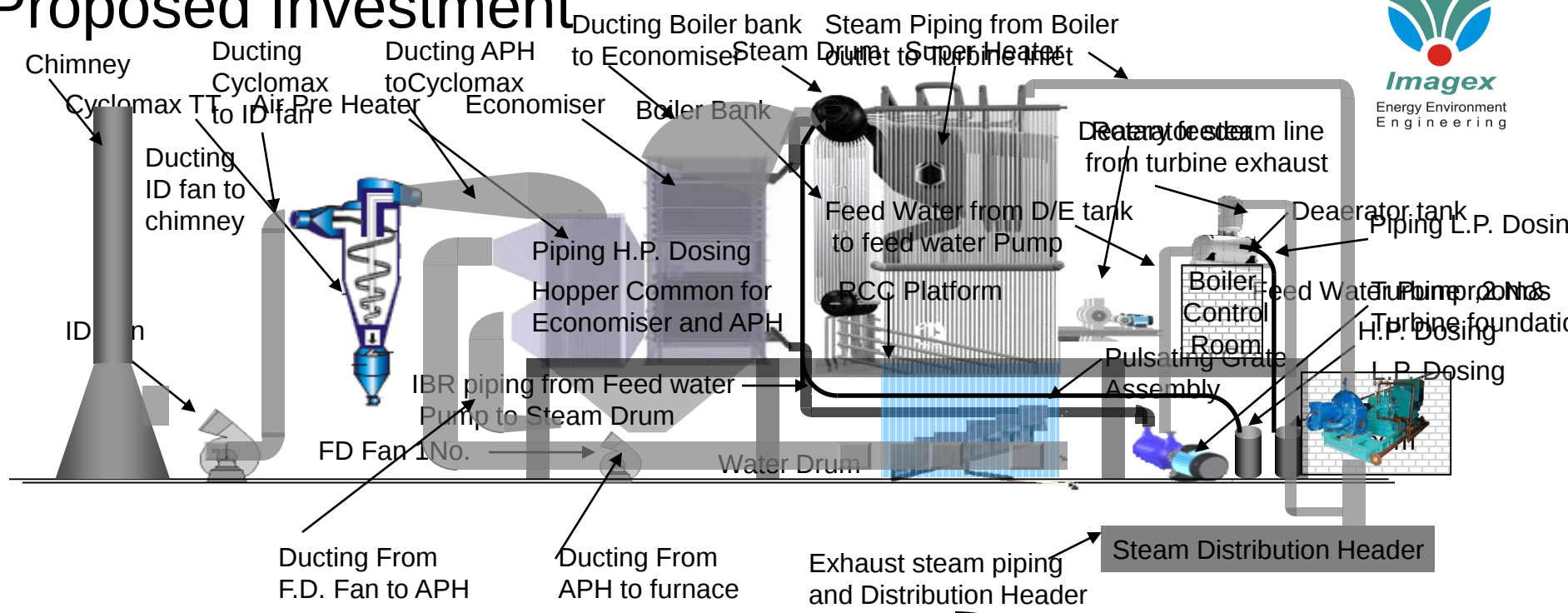
Complete Scheme



Balance of plant Local Imagex scope



Proposed Investment



Boiler Supply Scope
Turbine Factory Scope

Balance of plant Local Imagex scope
(Erection Of Boiler/ Turbine + BOP Local Scope)
+piping+ duct+ Cabling IBR clearance)

Civil Work +RCC platform etc

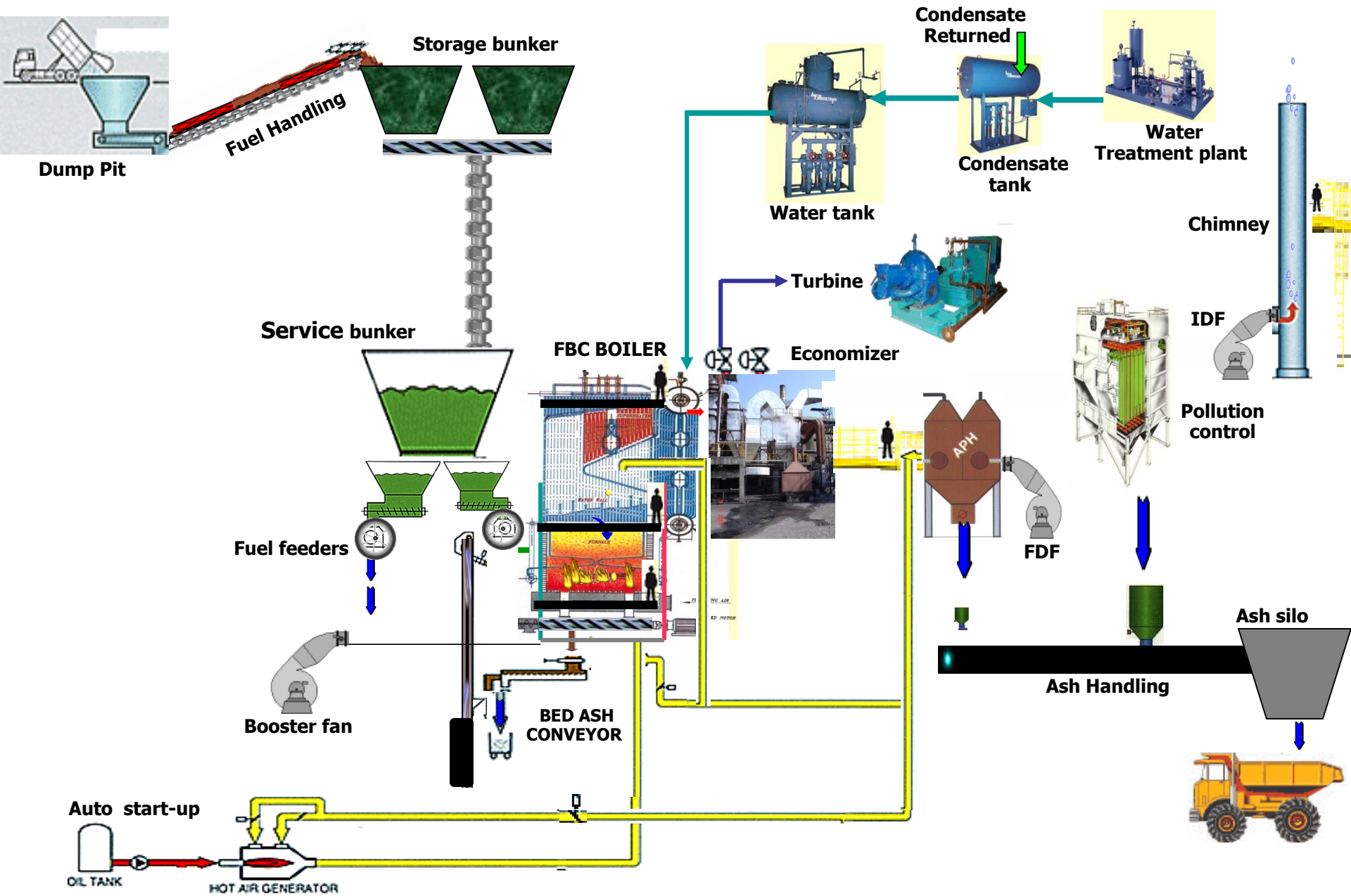
Water Treatment Plant

Boiler House Shed 12X14 m @9000 per sq.m

Transportation from Pune/Bangalore appox @ 15 trucks

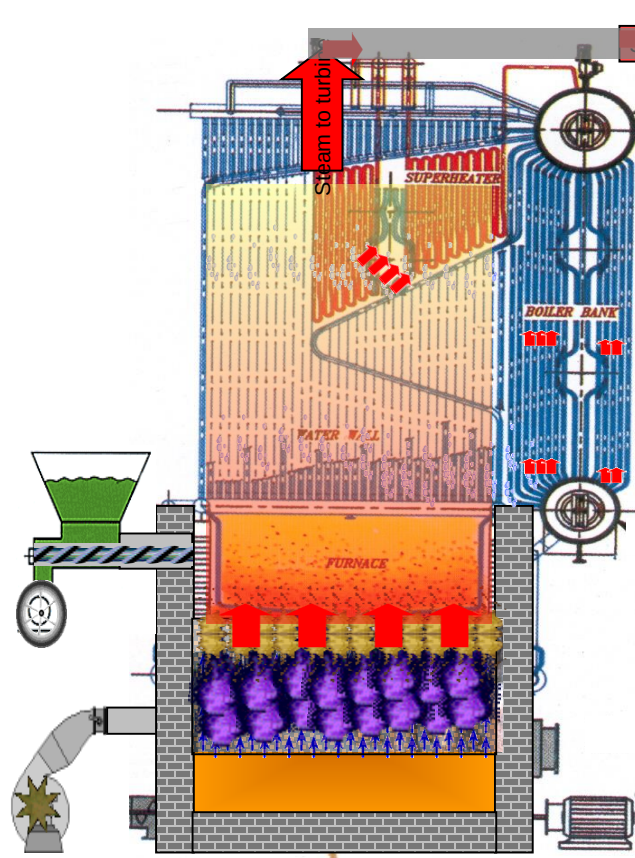
Total Turnkey solution

THE COMPLETE SYSTEM



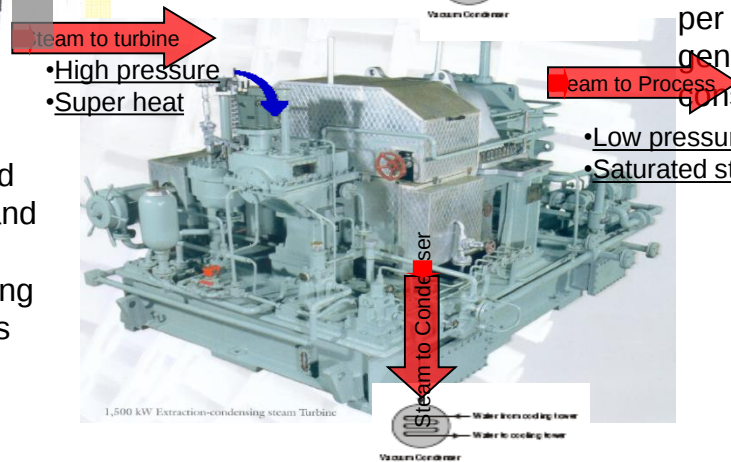
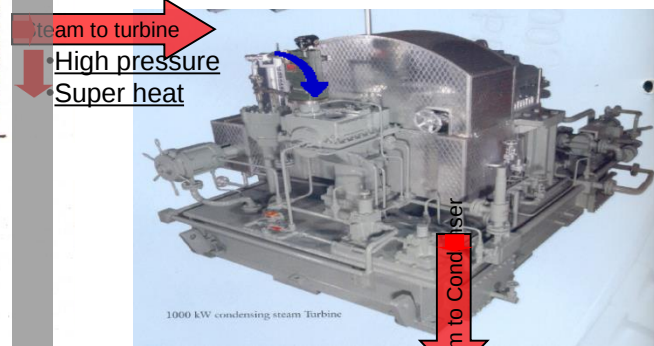
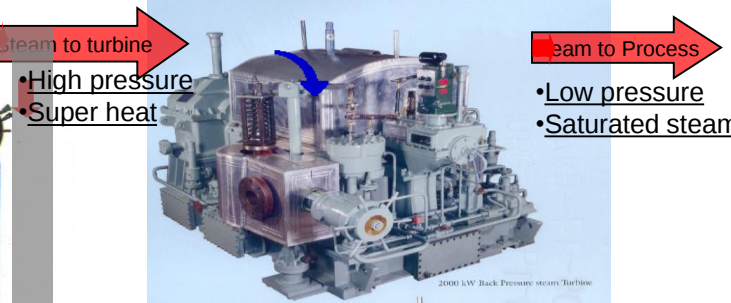
Powermax- Power generation advantages

Powermax can support any of your power needs be it Extraction, Condensing or combination



Extraction cum Condensing

When Power and process both are important and both need to be catered with equal importance and critical Extraction cum Condensing Turbines are used. Steam generation is controlled by combining need of Process steam and Power. This power is normally consumed using grid Parallel system.



Back Pressure

Power generation using Back pressure turbines is quite a beneficial to many Process industries. Steam generation is controlled considering process demand and power generated is incidental. Generated power may or may not be sufficient for complete power requirement of the Process house. The generated power is normally consumed by grid paralleling. Process power integration or alternative suitable arrangements.

Complete Condensing

Power generation by condensing turbine is normally done to have power generation as prime objective. Here steam demand is controlled as per requirement of power generation. This power is normally consumed in islanding mode.

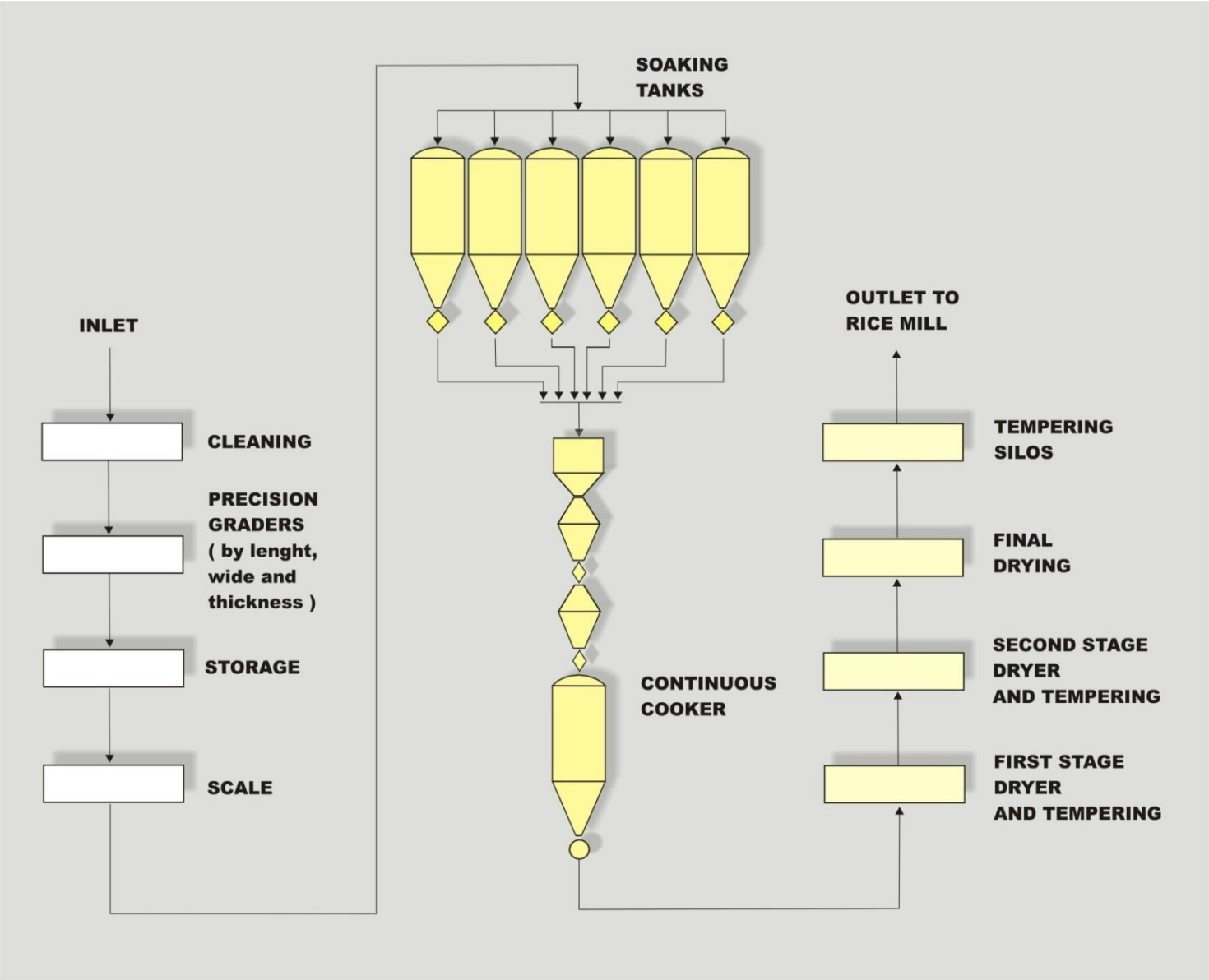


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Energy Environment
Engineering



SYNCHRONISATION IS THE KEY !!



Engineering & Project Management



The Competencies of Our Engineering /Project Team

- ✓ Basic designing and standardisation
- ✓ Complete plant engineering solutions as per International norms
- ✓ Tie up with Key associates
- ✓ Capabilities for Outsourcing

IMAGEX'S CUSTOMERS



**Partner in your
Progress**



Rice power !

