



Bringing you tomorrow's technology today.



# Success Story

It's called success for a reason.

**COUNTRY:** THAILAND | **INDUSTRY :** ENERGY | **CUSTOMER:** ELECTRICITY GENERATING AUTHORITY OF THAILAND(EGAT)

## About customer



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. We are the largest power producer in Thailand, owning and operating power plants of different types and sizes which are located in 40 sites across the country with a total installed capacity of 15,010.13 MW. For more information visit [www.egat.co.th](http://www.egat.co.th)

## Customer testimonial

"Simulation is a key element to transform our organization from a labor society into an innovation society. With simulation, we can break the barrier and limitation of traditional engineering concept. Now our organizational culture has changed from relying on trial & error method and supplier support into simulation driven engineering development and self-reliance. Self-reliance is one of the repaying method for the country according to our King's concept for sufficient economy which emphasizes us to rely on ourselves without over paying foreign OEM companies. Without ANSYS and professional support from CAD-IT, above would not be possible."

~ Mr. Sahathep Joipradit, Head, Boiler engineering section, Boiler Department, Mechanical Maintenance Division

## Aim

To create, improve the quality of life and strengthen the country's competitiveness through reliable and affordable energy and services while taking due care of society and environment.

## ANSYS Solution



ANSYS Fluids



ANSYS Structures



ANSYS HPC

## Benefits:

EGAT can save large amount of time and money to maintain the operation of power plant across the country.

## Branding advantage:

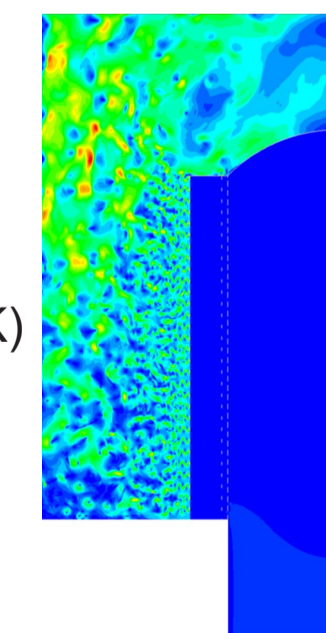
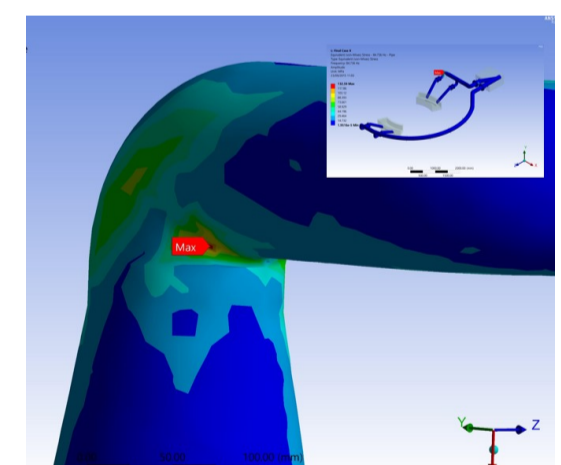
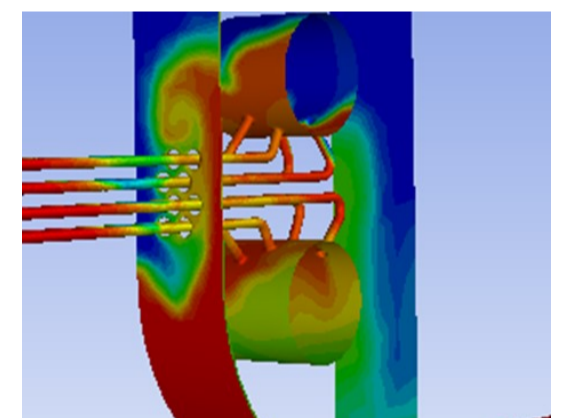
- Increase people satisfaction in energy providing
- Increase organization trustworthiness to community
- Build up engineering competency to expand to other countries

## Quality:

- Better process performance in generating electricity
- Increase equipment quality in power plant

## Cost:

- Reduce consultancy cost
- Reduce imported equipment cost by using domestic fabricator. (i.e. Silencer project—saved \$550K)
- Reduce downtime by improving reliability of power plant equipment and process



Technology Training

System Integration

Software Development

Manufacturing R&D Center



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Put our services to the test, contact us for a consultation today.  
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