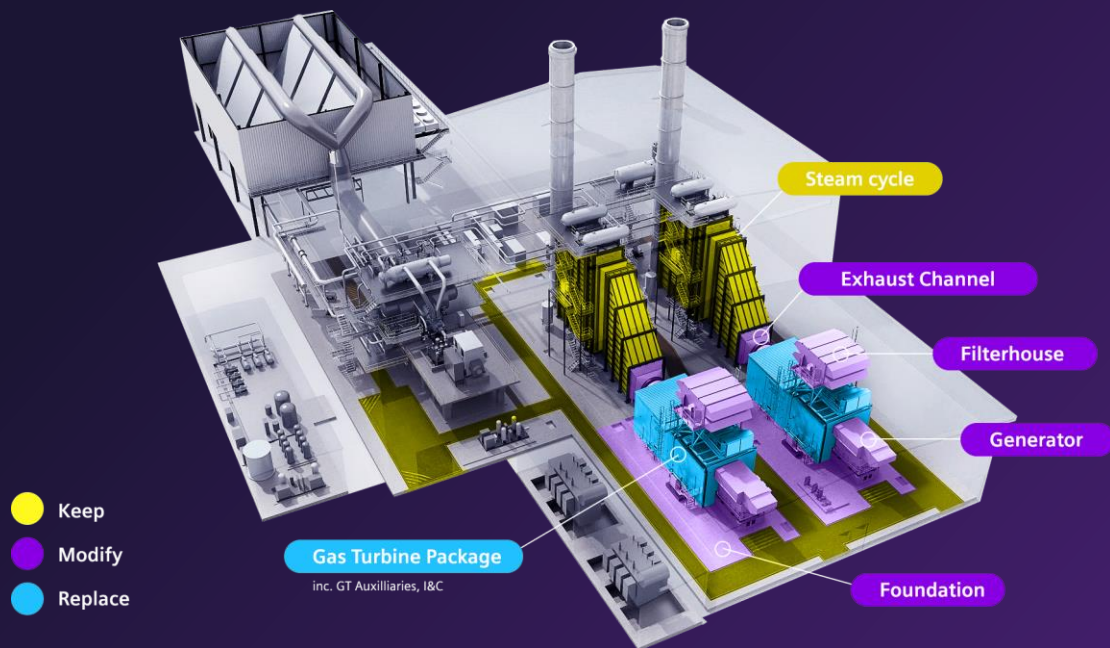


Brownfield exchange (BEX)

Replacement of existing gas turbines



+4,5%
> -43000t CO₂ p.a.



Savings of
USD 1,7-4,3
million p.a. ¹

Product Overview

Plug and Play” concept for replacement of old and less efficient gas turbines with state-of-the-art turbines



Improved Features

- Exhaust condition kept in the proven range to minimize modifications to the balance of plant
- Scope is customized in each unique opportunity
- Customized Operation & Maintenance program



Benefits

- High modernization effect with low CAPEX (compared to building a new power plant)
- Significant OPEX reduction (fuel cost savings)
- Increased revenues due to higher availability
- Siemens Energy SGT-800 best-in-class reliability of 99.8 %
- Great possibility to optimize and prolong plant lifecycle by implementing Flex LTP and dynamic lifting



Scope of work & Implementation

- Modify filter house, exhaust channel, foundation and generator if needed to fit a new gas turbine package (gas turbine including auxiliary systems and I&C).
- Custom scope for each customer / request to deliver the best possible value proposition.



¹ equivalent of saved CO₂ output p.a. Price range 40-100 USD/tCO₂