# Operating Parameters

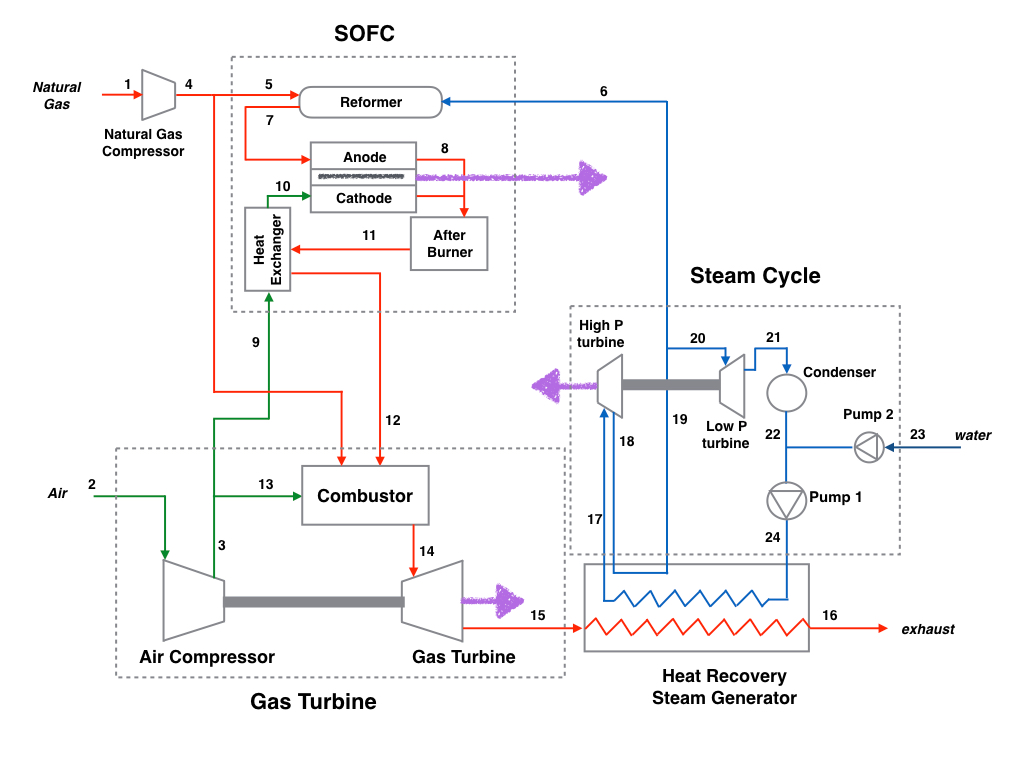


Figure 1 System to be analysed

## Summary

|  |  |  |
| --- | --- | --- |
| Position | Temp (K) | Pressure (bar) |
| 1 | 288.15 | 1.013 |
| 2 | 288.15 | 1.013 |
| 3 | 692 | 23.299 |
| 4 | 536 | 23.299 |
| 5 | 536 | 23.299 |
| 6 | 838.65 | 23.88654 |
| 7 | 1073.1 | 23.299 |
| 8 | 1173.1 | 23.299 |
| 9 | 692 | 23.299 |
| 10 | 1073.15 | 23.299 |
| 11 | 1940.9 | 23.299 |
| 12 | 1737 | 23.299 |
| Position | Temp (K) | Pressure (bar) |
| 13 | 692 | 23.299 |
| 14 | 1852.9 | 21.43508 |
| 15 | 1011.529 | 1.039338 |
| 16 | 428.15 | 1.02313 |
| 17 | 838.65 | 123.586 |
| 18 | 586.7338 | 23.88654 |
| 19 | 838.65 | 23.88654 |
| 20 | 838.65 | 23.88654 |
| 21 | 513.4686 | 2.36029 |
| 22 | 292.15 | 2.006247 |
| 23 | 283.15 | 1.013 |
| 24 | 321.15 | 130.0905 |
| 25 | 536 | 23.299 |

## Analysis

### Steam cycle

### Natural Gas cycle

### Air cycle

# Fuel Cell Performance

## Volts per Cell

## AC power

## Fuel cell efficiency

## Active area

## Heat losses

# System Parameters

## Power

## Feed-water

## Efficiency

## Emissions

### CO2

### NOx

# Bibliography

**There are no sources in the current document.**