

### 3. Thermodynamic calculations and studies

We offer to carry out general calculations of various thermodynamic cycles in the field of power engineering, turbo-superchargers and aviation, processing of studies for evaluation of economic indicators in the field of power engineering.

We do mainly these types of designs and studies:

- ✓ Projects for measuring of power equipment parameters
- ✓ Creation of power equipment flow sheets
- ✓ Design and assessment of thermodynamic cycles of various equipment (heating plant turbines, aircraft engines, auxiliary power units) and selection of appropriate thermodynamic parameters and components

#### References:

##### **PBS Energo, a.s.**

- Presentation calculations of STG-I, STG-II, Mv series turbines
- Creation of flow sheets of STG-I, STG-II series turbines

##### **Energetické strojířny Brno, a.s.**

- Project for measuring of parameters of Praha-Michle heating plant turbine

