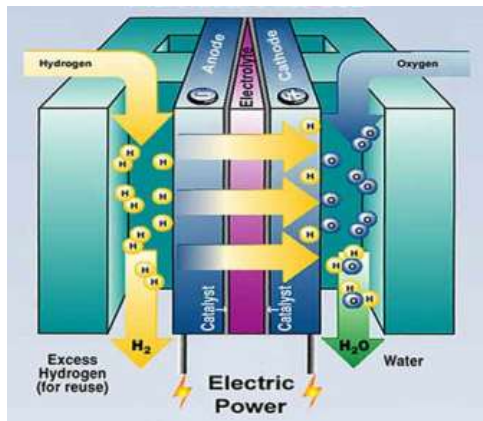




**Platov South-Russian State Polytechnic
University (NPI), Electrical Energy Faculty,
Thermal Engineering and Heat Engineering
Department**



INTERNSHIP PROGRAM

«Development of technology for the use of
hydrogen fuel cells in small-scale generation»

ASSISTANT ENGINEER

**Person in charge: Prof. Nikolay EFIMOV,
Aleksey BABUSHKIN, Elena SYDOROVA**

Languages: English and French

Stages:

- 1) Development of technology for hydrogen using in a private household sector;
- 2) Design of technology schemes;
- 3) Development and modeling of the resource of hydrogen fuel cells for a private house;
- 4) Cost-effectiveness analysis.

Activities:

- 1) Analytical review of the hydrogen technologies current state;
- 2) Visiting energy and engineering companies;
- 3) Design of technology schemes;
- 4) Project: «The use of hydrogen fuel cells in small-scale generation»;
- 5) Russian lessons;
- 6) Cultural program.

Contacts:

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