National Research University
Moscow Power Engineering Institute

Education for Power Engineering

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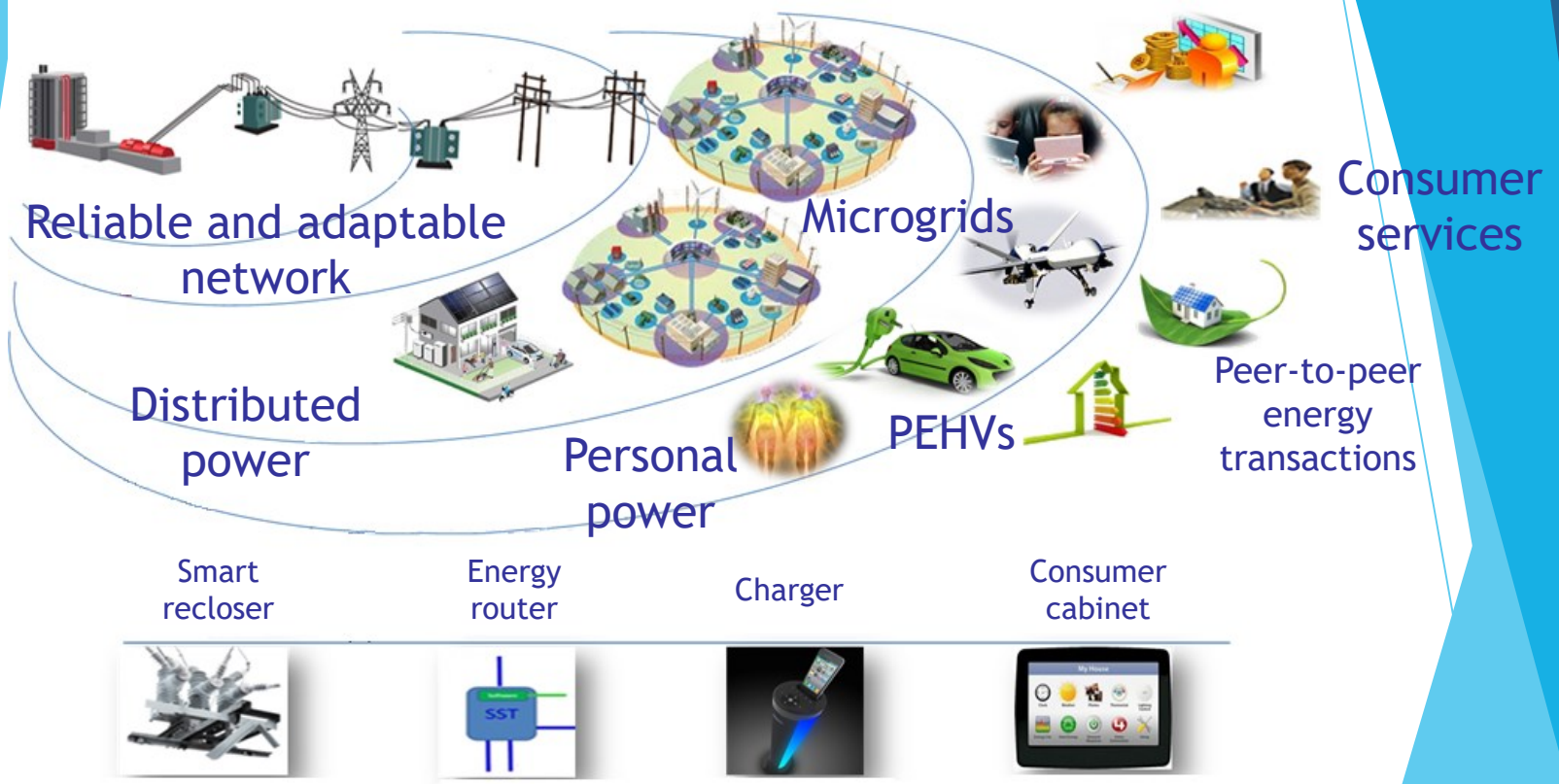
Future Power Grid Expectations



Future Power Grid will be formed by a number of new technologies.
Some of them are don`t mentioned yet.
The impact of ICT will grow extremely.
Generation, transmission, distribution and consumption of electric power will not be able without ICT.

Education for Power Engineering

It is impossible to have all cutting-edge practices in academic disciplines in one university just in time

A new inter-universities educational technologies are needed – **Network University**

11 technical universities in Russia have created an Energy Education Consortium

The network education will be provided for students and graduate students with mutual recognition of learning outcomes in universities-participants of the consortium

Education for Power Engineering

Bachelors and masters curriculums can`t accommodate full scope of necessary academic disciplines

Additional profiling training courses with interdisciplinary practices are needed (Power&ICT)

The study of several verified training courses in the universities members of the consortium will provide the second diploma of higher education

Education for Power Engineering

The new knowledges appears at a very high rate

We need flexible and responsive educational technologies

New Educational Technologies have to provide an ability for student to combine several academic disciplines into special educational track through several universities

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МЭИ

Thanks!

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