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## Competence formation of engineering directions students in the field of energy saving as a way to create new generation technologies

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## **Abstract**

© Published under licence by IOP Publishing Ltd. The urgency of the formation of competence in the field of energy saving in the process of studying engineering and technical disciplines at the university is substantiated. The author's definition of the competence in the field of energy saving is given, allowing to consider the necessity of its formation among students - future engineers as a way to create technologies of a new generation. The essence of this competence is revealed. The system of work, pedagogical conditions and technologies of its formation in the conditions of the federal university is substantiated.

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