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**The development of Generation IV reactor technologies as an integral part of the nuclear power system will be discussed at ATOMEXPO-2024**

*International market requirements for promising technologies will be analyzed in the discussion*

Panel discussion ‘Generation IV: Real Now’ will be held on March 25, as part of the XIII International Forum ATOMEXPO-2024 in Sochi.

The event will be attended by representatives of industry and international organizations, as well as foreign experts from China, Indonesia and other countries. The session will be moderated by international expert Aleksandr Bychkov.

The panelists will discuss the current stage of development of Generation IV reactor technologies as an integral part of the closed nuclear fuel cycle power system. Export potential and international market requirements for promising technologies will be analyzed and conclusions on the possibility of their commercialization in the near future will be made.

The event will be held on March 25, 2:30 pm – 04:00 pm, Sochi, Sirius Park of Science and Art (Hall No. 4).

**For reference:**

Generation IV reactors are capable of fundamentally changing the nuclear power industry, primarily through a new level of safety, expansion of the fuel range and a significant reduction in radioactive waste. Russia is one of the leaders in the development of Generation IV technologies.

Beloyarsk NPP started pre-design work for the construction of a Generation IV generation power unit — BN-1200M. At the same time, for the first time in the world practice, an NPP with a Generation IV reactor BREST-OD-300 and an on-site closed nuclear fuel cycle are being built in the Tomsk region at the same site.

The ATOMEXPO International Forum is the main event of the global atomic industry. It is the largest exhibition and business platform for discussing the current state of the atomic industry and setting trends of future development. Held since 2009, the Forum is attended by managers of key companies in the global atomic industry, government agencies, international and public organizations, and leading experts. The Forum format includes an exhibition and congress with an extensive business program, the key event of which is a plenary session. Panel discussions and roundtables discuss topics that are most important for the atomic industry. Leading companies in the global atomic industry and related industries present at the exhibition their technologies and competences.