

PAKS – THE SOURCE OF CLEAN ENERGY



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The world of the sci-fi moves into our everyday lives unnoticed. Robots vacuum instead of us, our smart watches count our steps besides showing time. We not only use our phones to call someone but to avoid traffic jams on the roads, where more and more electric cars are driven. For all that, we need electricity and if possible it should be environmentally friendly, clean electricity. Such electricity is generated by renewable energy sources and in nuclear power plants during of whose operation no soot or greenhouse gases are emitted into the atmosphere.

The member states of the European Union can choose the cornerstones of their own energy policies based on their own available natural resources. Our country does the same. Contributors to the CO₂-free electricity production of Hungary are the nuclear power plant units which generate electricity day and night, in summer and winter reliably, and solar power plants which – although only intermittently, depending on weather conditions and only during daytime – can generate power also. The complementary use of these sources can make electricity generation cheap and environmentally friendly: while nuclear power plant units provide the always available, so called base-load power, renewables are also able to make their contributions to meeting electricity demand. An excellent example of this cooperation is Paks, where not only not only the construction of the Paks II. nuclear power plant is underway, but where also one of the largest solar power plants of the country has already been built.



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