Google called the site for the construction of its first atomic generation facility intended for the supply of data centers. On the territory of the city of OUK Ridge, in Tennessee, it is planned to launch the low-module Hermes 2 reactor, developed by the startup of Kairos Power.

The installation will become part of the long -term agreement with Tennessee Valley Authority (TVA) and will provide Google 50 MW of power after launch in 2030. The project belongs to the first phase of a larger agreement between Google and Kairos Power, which involves the construction of several low -module reactors with a total capacity of up to 500 megavatts.

The resulting energy will be used for the work of the Google data centers located in Mongomeria in Tennessee and Jackson in Alabama. The first phase of the project – Hermes 2 – will perform a pilot site, and the subsequent expansion until full power is planned to be completed by 2035.

The agreement between Google and Kairos Power was the first corporate electricity purchase from low -module nuclear reactors. This decision should reduce the dependence of the data centers on traditional energy sources and increase the stability of energy supply against the background of the growing load.