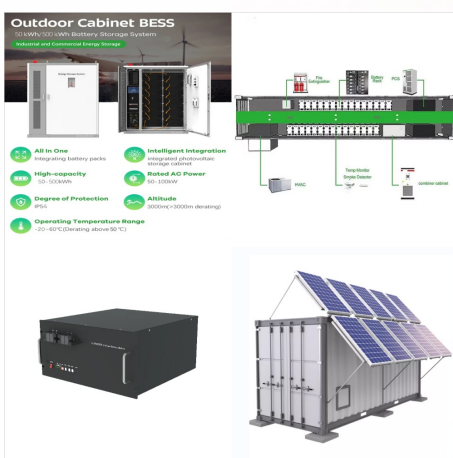




Under the agreement between "Uzbekenergotamin" and China Electric Power Equipment and Technology, a subsidiary of State Grid Corporation, joint work is planned in several regions of the country for the construction and modernization of high-voltage electrical networks and substations.



Hence, this study aims to present possible list of stages of the concept for creating smart grids in Uzbekistan by analysing the development of the electric power complex via creation of smart ???



The strategic goal of this study was to analyze the development of the electric power complex by the creation of smart grid systems as a platform for market, managerial and technological innovations that provide a transition to a new level of development of the electric power industry in ???



UzAssystem is supporting Uzbekistan's grid operator to create a digital model of the country's electricity grid, which will be used to perform simulations to help assess grid conditions, the impact of new power facilities and the effect of upgrades on the grid across the whole of Uzbekistan.



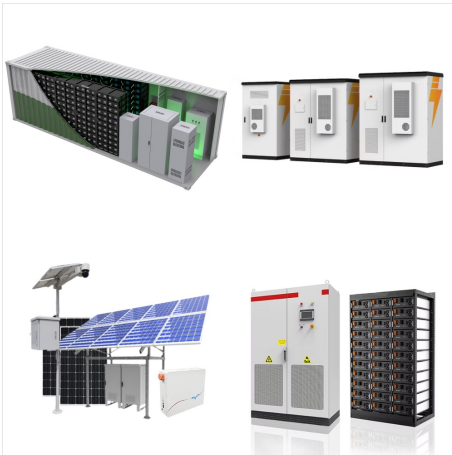
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The World Bank has approved a project to help the National Electric Grid of Uzbekistan (NEGU) modernise the country's obsolete power transmission infrastructure and enable greater penetration of renewables.



National Power Grids of Uzbekistan to modernize electricity networks with the support of World Bank. The project includes the digitalization of substations and transmission lines, as well as the transformation of the operating company.



In this paper, we present the background and motivation of communication infrastructures in smart grid systems. We also summarize major requirements that smart grid communications must meet.