

Status and future prospects of renewable energy in Iraq

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Abstract

Iraq suffers from electricity shortages, and many challenges will have to be overcome to meet future increases in electrical demands. This investigation found that solar, wind and biomass energy are not being utilized sufficiently at present, but these energies could play an important role in the future of Iraq's renewable energy. Additionally, the potential of offshore-wind energy in the Gulf (near Basrah in the southern part of Iraq) needs to be investigated. The Iraqi government's attempts to utilize renewable energy have been discussed. This paper aims to review and discuss the status and future of renewable energy in Iraq. The uses of renewable energy sources, such as solar, wind and biomass, have been reviewed. This paper concludes with recommendations for the utilization of these energy resources.