The State Electricity Regulatory Commission (SERC) is an independent institution of Bosnia and Herzegovina, which acts in accordance with the principles of objectivity, transparency and equality, and has jurisdiction over and responsibility for transmission of electricity, transmission system operation and international trade in electricity as well as generation, distribution and supply of electricity for customers in Brčko District BIH.

SERC was established by the Parliamentary Assembly of Bosnia and Herzegovina by adoption of the Act on Transmission of Electric Power, Regulator and System Operator of BIH, and appointment of the Members of the Commission.