There is provided an electrically heated smoking system comprising a shell (101) and a replaceable mouthpiece (201). The shell comprises an electric power supply (103) and electric circuitry (105). The mouthpiece comprises a liquid storage portion (203) and a capillary wick (207) having a first end (207a) and a second end (207b). The first end of the wick extends into the liquid storage portion for contact with liquid (205) therein. The mouthpiece also comprises a heating clement (209) for heating the second end of the capillary wick, an air outlet (211), and an aerosol forming chamber (213) between the second end of the capillary wick and the air outlet. When the shell and mouthpiece are engaged, the heating element is in electrical connection with the power supply via the circuitry and the circuitry is arranged to provide an electric current pulse to the at least one heating element when a user initiates a puff. In addition, a flow route for air is defined torn at least one air inlet to the air outlet via the aerosol forming chamber, and the flow route channels the air flow around the heating element and the second end of the capillary wick. In use, liquid is transferred from the liquid storage portion towards the heating element by capillary action in the wick. Liquid at the second end of the capillary wick is vaporised by the heating element. The supersaturated vapour created, is mixed and carried in the air flow font the at least one air inlet to the aerosol forming chamber. In me aerosol forming chamber, the vapour condenses to form an aerosol, which is carried towards the air outlet into the mouth of a user.