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(57) Abstract :
 ABSTRACT IOT Enabled Charging Station System for Electric Vehicle Aspects of the present disclosure relate to system (100) for IOT enabled charging station (101) for charging electric vehicle (104). The system (100) generates an alert for battery of electric vehicle (104) nearby charging station (101) for a user. The system (100) comprises a charging station (101), a charging grid (102), a bidirectional convertor (103), an electric vehicle (104), power storage (105), sensor (106), a navigation module (107), controller (108), cloud storage (109) and an electronic device (110). The controller (108) processes information of the charging stations (101) based on location. The location is received from a navigation module (107). The navigation module (107) generates the alert with available stations. The navigation module (107) includes GPS (Global Positioning System). (FIG. 1 will be the reference figure)