

The invention relates to the diagnostics of power equipment and can be used to detect breaks in reinforcing bars of reinforced concrete electricity transmission towers.

The method for detecting breaks in reinforcing bars of reinforced concrete electricity transmission towers consists in that two inductance coils with a pair of loops, inductively coupled by means of the ferromagnetic material of the armature, are placed with the possibility of displacement along the reinforced concrete tower, the parameters of the overall amplitude-frequency characteristic of the pair of loops are measured, including the values of the frequencies corresponding to two largest and one lowest values of voltages of the amplitude-frequency characteristic, the values of these voltages and the frequency bandwidth with the registration of measurement results, said parameters are measured after a certain period of time, the results of obtained measurements are compared with the initial ones, the appearance of breaks in the reinforcing bars is determined by the difference between the values of the parameters.

Claims: 1

Fig.: 4