

Is the Botswana Power Corporation poised for major structural changes?

A general view of the power grid. (Pic: MONIRUL BHUIYAN/PRESS PHOTO) The Botswana Power Corporation (BPC) is poised for major structural changes, according to a document released by the Public Enterprises Evaluation and Privatisation Agency (PEEPA).

What type of substation is used in Botswana?

The choice of system type is determined by the Planning Engineer of the Botswana Power Corporation: Type G Overhead HV and ground mounted substations; from which most consumers are supplied directly. This system type is characteristic of urban industrial and commercial areas. See section 1/A.

Why did Botswana Power Corporation develop a standard document?

Driven by the economic thrust engaging itself in Botswana it was thought prudent that Botswana Power Corporation should immediately rationalise and present a standard document which could be used to cope with the increasing workload. Standard Drawings.

How to identify a power cable in Botswana?

Identification tape with the Botswana Power Corporation Logo shall be placed under the Lead covering throughout the length of the cable. A functional bending test shall be conducted on a sample of each type and size of cable. During manufacture and prior to despatch the cable may be inspected at the manufacturer's works by the Engineer.

What are the requirements for a power cable in Botswana?

Galvanised Steel Wire, PVC bedded and sheathed. The outer sheath shall be embossed and or printed with the Botswana Power Corporation Logo at intervals of 500mm throughout the length of the cable. In process testing - the cores shall be subjected to partial discharge scanning prior to further processing.

What type of earthing is required in Botswana?

Earthing in accordance with the conditions of the Botswana Electricity (Supply) Regulations 1988 [Part II - Regulation 4] and the latest edition of the IEE Wiring Regulations. Four wire systems shall be installed as type TN-C-S (protective multiple earthing). Five wire systems shall be installed as type TN-S (separate earth).

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Posco Energy has been selected as preferred bidder for the construction of a new coal fired power plant in Botswana. Posco formed a consortium with Marubeni to bid for the \$800 million, 300 MW Morupule B Phase II project.

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Botswana Power Corporation: The following system types are recognised: Type A Overhead HV and ground mounted substations; from which most consumers are supplied directly. This system type is characteristic of urban industrial and commercial areas. See section 1/A. Type B Underground cables for both HV and LV systems, with miniature substations ...

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The Botswana Power Corporation (BPC) is poised for major structural changes, according to a document released by the Public Enterprises Evaluation and Privatisation Agency (PEEPA). The document details a plan to unbundle and corporatise the power generation assets of the state-owned utility, aiming to enhance efficiency, attract investment, and ...

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The 66kV power line connecting Lesedi to the Serowe substation is virtually finished and is designed to take up to 25MW of power. Minor finishing works, notably the addition of a switchgear (a device that controls, protects and isolates power systems) at the Serowe substation, will be carried out prior to the line being energized.

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