Construction power

A two-megawatt (MW) Sumec generator and a 1.5-MW Caterpillar generator are being rented and provide power for decline development activities until Kamoan receives grid power from the DRC’s state-owned power company, La Société Nationale d’Electricité (SNEL), scheduled in early October 2016 – after which the generators are expected to be used only for back-up power.

Figure 10. Sumec 2-MW generator being commissioned.

A contract has been awarded to a local company for the supply and construction of eight kilometres of 11 kilovolt (kV) overhead lines, cabling reticulation and five mini-substations for distributing 11 kV power to the mine, camps, offices and de-watering boreholes.

The construction of the 120 kV power line, that branches off from the Kisenge Mine to Kamoan and will supply construction power, is 80% completed and expected to be finished in Q3 2016. Construction power is expected to be available to Kamoan from the electrical grid from October 2016 on the commissioning of the 120/11 kV – 15 MVA mobile substation.