

VERTIV™ SALUTES: HEROES OF POWER

Mikhail Dolivo-Dobrovolsky

THE THREE-PHASE PIONEER

Born in 1862, Mikhail was a Russian-Polish engineer who emigrated to Germany in 1881. In 1887, he started his work with AEG (Germany's General Electricity Company).

Just a short year later, Dolivo-Dobrovolsky would present a working three-phase electrical generator and a three-phase electrical motor. It was at the famed 1891 International Electro-Technical Exhibition of Europe where he demonstrated how his system could transmit electric power 176 kms while achieving efficiency levels as high as 75%. Not done yet, he created a three-phase transformer and short-circuited (squirrel-cage) induction motor that same year.

Dolivo-Dobrovolsky is also credited for designing the first three-phase hydroelectric power plant. All in all, Mikhail has over 60 patents to his name.



Mikhail reminds us that improving efficiency has always been our goal!



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