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Generator Diagram -  
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naturally in usable form  
and it also cannot be

stored in usefully large  
quantities. Therefore, it  
must be generated  
continuously to meet the  
demand (of power) at all  
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Magnetic Field is very  
important to the operation  
of electrical machines,  
especially for 3-phase  
induction motor, and it is  
produced by three-phase  
voltages Three phase  
voltages has a phase  
displacement of 120 °,  
hence at any instant of  
time there is a different  
voltage values in the  
three phases Ref 2-  
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Machines In electrical  
engineering, electric  
machine is a general term  
for machines using  
electromagnetic forces,  
such as electric motors,  
electric generators, and  
others. They are  
electromechanical energy  
converters: an electric  
motor converts electricity  
to mechanical power  
while an electric  
generator converts  
mechanical power to  
electricity. The moving  
parts in a machine can be  
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