

# **Abstract**

## **Operation of separately excited switched reluctance generator**

Switched reluctance machine proved to be an adequate variable speed drive suitable to different domestic and industrial applications. Its performance is still to be investigated in the generation mode, where it needs to be excited via the same single sided windings of the stator. In this paper, the operation of the switched reluctance generator will be laboratory tested and evaluated when the machine is driven by a variable speed DC shunt motor.