## **Screw Turbine Simulation**

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| **Aim** | **Methodology** | **Results** |
| * To evaluate and compare the efficiency of various screw turbine configurations under different flow rates. | * Created screw turbine models in **SolidWorks** and exported them to **Siemens STAR-CCM+**. * Simulated multiple configurations at varying flow rates to calculate and compare efficiencies. | * Identified optimal screw turbine setups that achieve higher efficiency across different operating conditions, guiding further design and implementation. |

 