POWER SYSTEM PLANNING

EXERCISE 1.1

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**GitHub Repository**

<https://github.com/rbuddhila95/PSPlab22_1120079_Ravindu.git>

**Load Curve (Actual Consumption) of 05.07.2022**

Chart, line chart

Description automatically generated

**Load Duration Curve of 05.07.2022**

**Chart, line chart

Description automatically generated**

**Capacity Factor**

Total Energy Consumption on 05.07.2022 is equal to **333.161125 GWh**

Total Peak load Energy for total duration on 05.07.2022 is equal to **395.664 GWh**

Capacity Factor on 05.07.2022 is equal to **0.84203**

**ANNEX**

1. Program for Load Curve

Text

Description automatically generated

1. Program for Load Duration Curve

Text

Description automatically generated

1. Program for Capacity Factor

