**Total water supplied:**

Water stored in reservoir – **5000000 litres**

No of shift per day – **2 times per day**

Total water stored per day **– 10000000 litres per day**

Average water consumption by a people in India per day **– 135 litres per day**

No of peoples utilized – **148148 peoples (**nearly 150000)

No of blocks satisfied **– 2**

**Electricity produced and distributed:**

**Hydrostatic pressure**

1kPa pressure for every 10.20cm

Height of tank from aperture **– 30m**

Height of tank from aperture **-3000cm**

Hydrostatic pressure created by reservoir **– 300kPa**

Overall height – **42m (138 feet)**

Discharge – **(4cubic meter per second) (142 cubic feet per second)**

total time taken to drain – **262 sec**

horse per induced per sec – **20000hp**

total horse power induced – **5250000hp**

**horse power to kilowatt**

1hp – 0.746kw

**5250000hp – 4000000kw**

Average consumption of electricity per household in India – **90 units**

No of houses electrified – **45000**

No of peoples satisfied – **225000 peoples**

**No of blocks satisfied in Dharmapuri – 2 (Dharmapuri, Kari Mangalam)**

**RESULT:**

Over the total budget for buying electricity, 75.28% to satisfy the whole district is gained by hydro electric storage.