**SPH3U 11.1 Electrical Energy and Power Plants**

1. **Electrical power**

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| --- | --- |
| Electricity: |  |
| Electrical power: |  |
| equation |  |

Calculate the power to charge a cellphone if 740 J of energy is transferred in 1.0 min.

|  |  |
| --- | --- |
| Kilowatt hour: |  |

Calculate the energy needed by a 35 W halogen light bulb that operates for 240 h. Give your answer in both joules and kilowatt hours.

**Homework:** page 507: #2-4