

Imperial College  
(26 000 people)

Hospital (UK)

Data center

Household (UK)  
(2.4 people)

Royal Albert Hall

Car industry  
(Europe)

Textile industry  
(Asia)

Electronics industry  
(Asia)

Steel furnace (BOF)

Supermarket

Steel rolling mill

Concrete batching  
plant

Eiffel tower

Empire State  
building

Small business (UK)  
(10-49 people)

Secondary school  
(500 students)

Household (UK)  
(2.4 people)

1.7 kW  
(1 700 W)  
Range: 1 kW – 5 kW

Data center

200 kWe  
(200 000 W)  
Range: 500 MW – 1.6 GW

Hospital (UK)

3.8 MW  
(3 800 000 W)  
Range: 2 MW – 6 GW

Imperial College  
(26 000 people)

? W  
(? W)  
Range: ? MW – ? GW

Electronics industry  
(Asia)

200 MW  
(200 000 000 W)  
Range: 50 MW – 500 MW

Textile industry  
(Asia)

120 MW  
(120 000 000 W)  
Range: 50 MW – 300 MW

Car industry  
(Europe)

25 MW  
(25 000 000 W)  
Range: 10 MW – 100 MW

Royal Albert Hall

1 MW  
(1 000 000 W)  
Range: 500 kW – 2 MW

Concrete batching  
plant

30 kW  
(30 000 W)  
Range: 10 kW – 50 kW

Steel rolling mill

150 MW  
(150 000 000 W)  
Range: 50 MW – 500 MW

Supermarket

90 kW  
(90 000 W)  
Range: 40 kW – 500 kW

Steel furnace (BOF)

2.5 GW  
(2 500 000 000 W)  
Range: 1 GW – 5 GW

Secondary school  
(1000 students)

100 kW  
(100 000 W)  
Range: 50 kW – 200 kW

Small business (UK)  
(10 - 49 people)

6 kW  
(6 000 W)  
Range: 3 kW – 15 kW

Empire State  
building

7.4 MW  
(7 400 000 W)  
Range: 5 MW – 10 MW

Eiffel tower

900 kW  
(900 000 W)  
Range: 500 kW – 2 MW