



Instagrid ONE

COST

EFFICIENCY



– English (imperial)





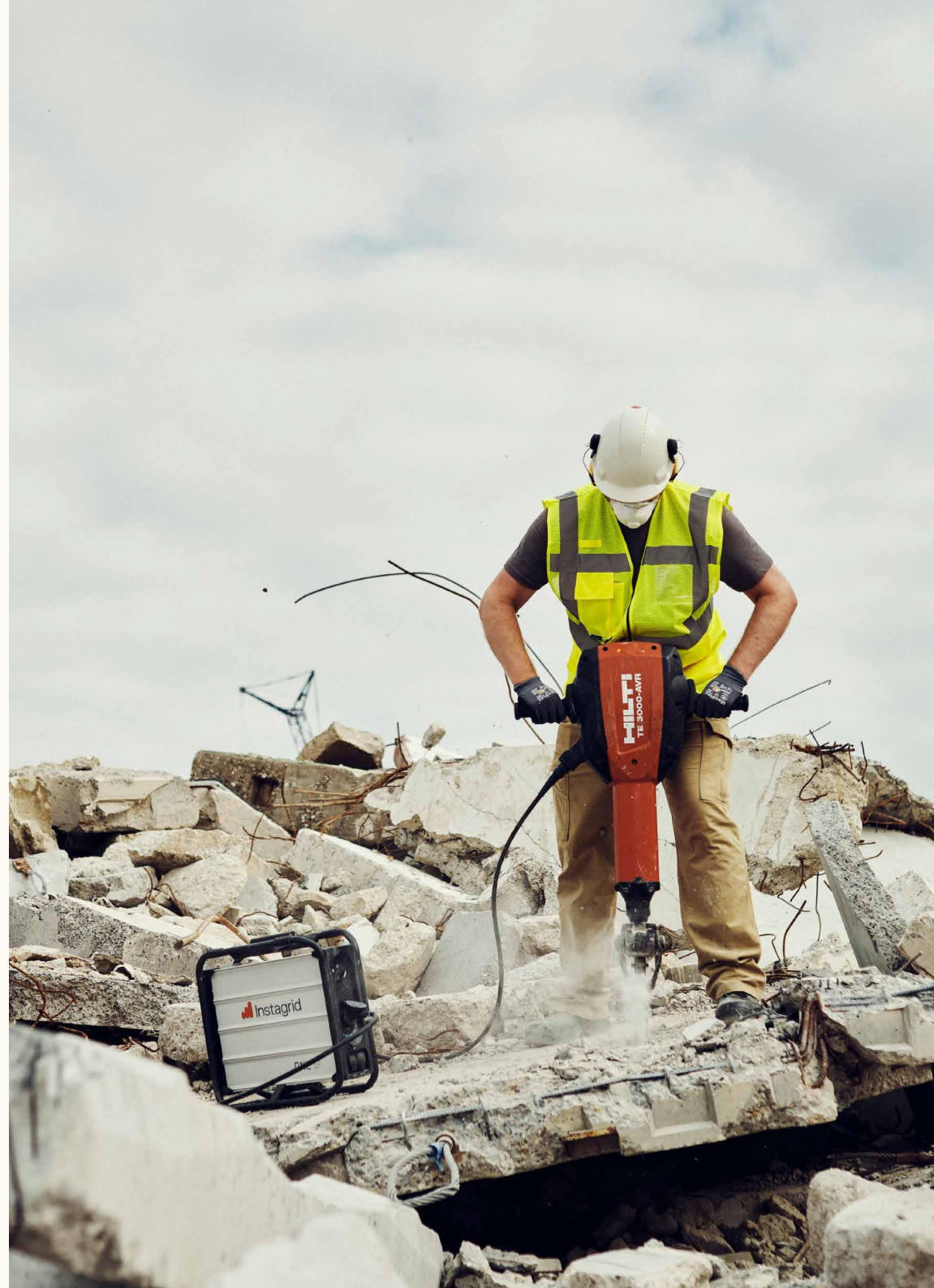




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Small Size Gasoline Generator – 3 kVA

# Cost Efficiency Instagrid ONE

The calculation provided in this report is based on the following input data:

Generator: **3 kVA Generator**

Fuel Type: Gasoline

Fuel consumption per day & unit: 2.2 Gallons

Fuel Price: £ 6.00 per Gallon

Energy consumption per day & unit: 2 kWh

Electricity Price: £0.21 per kWh

Annual utilisation rate: 200 days/year



The total costs  
break even after  
just approx.  
**142** usage days.

Small Size Gasoline Generator – 3 kVA

## Summary of total cost savings

1x 3 kVA Generator



vs.


1x Instagrid ONE

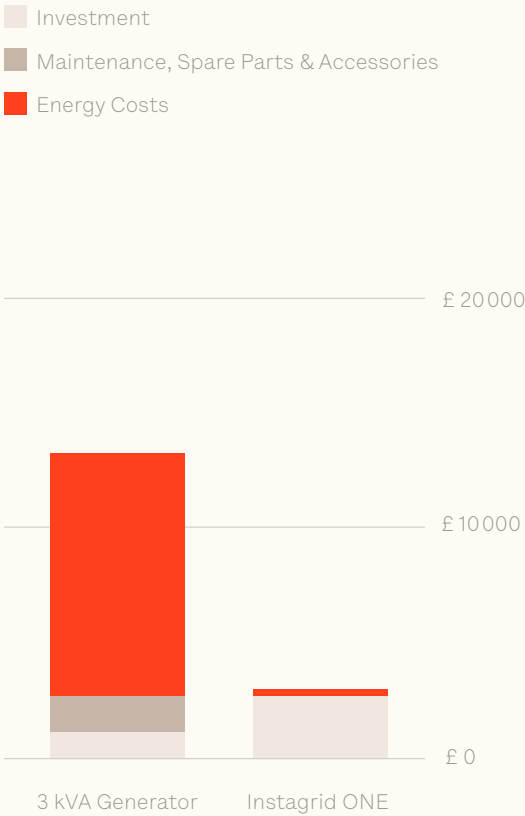


	Savings	3 kVA Generator	Instagrid ONE
Total costs over 1 year	- 23 %	£ 4 547	£ 3 490
Total costs over 4 years	- 72 %	£ 13 459	£ 3 777

Small Size Gasoline Generator – 3 kVA

Total Cost of Ownership (TCO)  
for 4 years of usage

	1x 3 kVA Generator		1x Instagrid ONE	
				
	VS.			
	Investment Procurement	Maintenance Spare Parts Accessories	Energy Costs	Total Cost
3 kVA Generator	£ 1299	£ 1600	£ 10560	£ 13459
Instagrid ONE	£ 3395	£ 0	£ 382	£ 3777




Cost saving: - 72 %  
Cost savings total: £ - 9682

Small Size Gasoline Generator – 3 kVA


# Key facts and sustainability performance

1x 3 kVA Generator



VS.

1x Instagrid ONE



	Inrush current in Watt	Weight in lbs	Volume in ft <sup>3</sup>	Local CO <sub>2</sub> - emissions ( lbs ) over years considered*	Noise emissions in dB(A)	Energy costs per day
3 kVA Generator	~ 6000	~ 99	4.5	41805	80 to 100	£ 13.20
Instagrid ONE	18 000	44	1.3	0	10	£ 0.48
Change	x 3	- 56 %	- 71 %	- 100 %	- 99 %	- 96 %

\* Local CO<sub>2</sub> emissions, assuming a complete combustion.

Mid Size Gasoline Generator – 5 kVA

# Cost Efficiency Instagrid ONE

The calculation provided in this report is based on the following input data:

Generator: **5 kVA Generator**

Fuel Type: Benzin

Fuel consumption per day & unit: 3.9 Gallons

Fuel Price: £ 6.00 per Gallon

Energy consumption per day & unit: 2 kWh

Electricity Price: £ 0.21 per kWh

Annual utilisation rate: 200 days/year





## Mid Size Gasoline Generator – 5 kVA

# Summary of total cost savings

1x 5 kVA Generator



vs.

1x Instagrid ONE





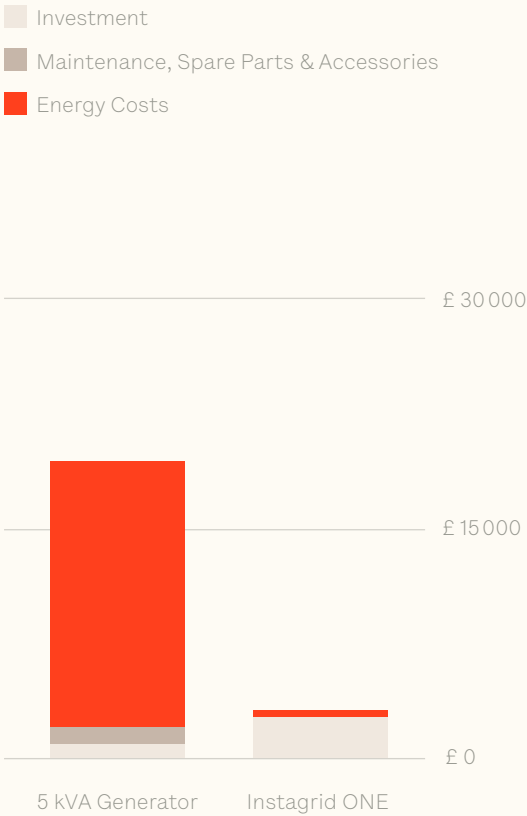
The total costs  
break even after  
just approx.  
**83** days of usage.

	Savings	5 kVA Generator	Instagrid ONE
Total costs over 1 year	- 47 %	£ 6 608	£ 3 490
Total costs over <b>4</b> years	- 83 %	£ 21 614	£ 3 777

Mid Size Gasoline Generator – 5 kVA

Total Cost of Ownership (TCO)  
for 4 years of usage

	1x 5 kVA Generator		1x Instagrid ONE	
				
	VS.			
	Investment Procurement	Maintenance Spare Parts Accessories	Energy Costs	Total Cost
5 kVA Generator	£ 1323	£ 1600	£ 18720	£ 21643
Instagrid ONE	£ 3395	£ 0	£ 382	£ 3777



Cost saving: - 83 %  
Cost savings total: £ - 17866

## Mid Size Gasoline Generator – 5 kVA

# Key facts and sustainability performance

1x 5 kVA Generator



vs.

1x Instagrid ONE



	Inrush current in Watt	Weight in lbs	Volume in ft <sup>3</sup>	Local CO <sub>2</sub> - emissions ( lbs ) over years considered*	Noise emissions in dB(A)	Energy costs per day
5 kVA Generator	~ 10 000	~ 183	7.2	74110	80 to 100	£ 23.40
Instagrid ONE	18 000	44	1.3	0	10	£ 0.48
<b>Change</b>	<b>x 1,8</b>	<b>- 76 %</b>	<b>- 82 %</b>	<b>- 100 %</b>	<b>- 99 %</b>	<b>- 98 %</b>

\* Local CO<sub>2</sub> emissions, assuming a complete combustion.



Mid Size Diesel Generator – 6 kVA

# Cost Efficiency Instagrid ONE

The calculation provided in this report is based on the following input data:

Generator: **6 kVA Generator**

Fuel Type: Diesel

Fuel consumption per day & unit: 2.73 Gallons

Fuel Price: £ 6.27 per Gallon

Energy consumption per day & unit: 2 kWh

Electricity Price: £ 0.21 per kWh

Annual utilisation rate: 200 days/year



Mid Size Diesel Generator – 6 kVA

## Summary of total cost savings

1x 6 kVA Generator



vs.

1x Instagrid ONE





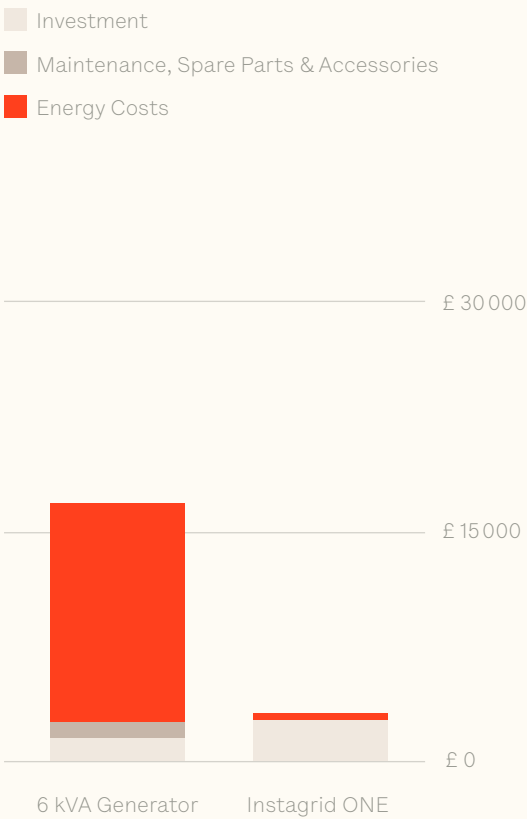
The total costs  
break even after  
just approx.  
**57** days of usage.

	Savings	6 kVA Generator	Instagrid ONE
Total costs over 1 year	- 47 %	£ 6 525	£ 3 490
Total costs over <b>4</b> years	- 79 %	£ 17 620	£ 3 777

Mid Size Diesel Generator – 6 kVA

Total Cost of Ownership (TCO)  
for 4 years of usage

	1x 6 kVA Generator	VS.	1x Instagrid ONE	
				
	Investment Procurement	Maintenance Spare Parts Accessories	Energy Costs	Total Cost
6 kVA Generator	£ 2 330	£ 1 600	£ 13 694	£ 17 624
Instagrid ONE	£ 3 395	0 €	£ 382	£ 3 777



Cost saving: - 79 %  
Cost savings total: £ - 13 847



## Mid Size Diesel Generator – 6 kVA

# Key facts and sustainability performance

1x 6 kVA Generator



vs.

1x Instagrid ONE



	Inrush current in Watt	Weight in lbs	Volume in ft <sup>3</sup>	Local CO <sub>2</sub> - emissions ( lbs ) over years considered*	Noise emissions in dB(A)	Energy costs per day
6 kVA Generator	~ 10 000	~ 293	9.0	58 006	80 to 100	£ 17.12
Instagrid ONE	18 000	44	1.3	0	10	£ 0.48
<b>Change</b>	<b>x 1,8</b>	<b>- 85 %</b>	<b>- 86 %</b>	<b>- 100 %</b>	<b>- 99 %</b>	<b>- 97 %</b>

\* Local CO<sub>2</sub> emissions, assuming a complete combustion.



This example calculation is based on assumptions and average values. Please do not hesitate to contact us for a personalized cost calculation:

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Want to learn more about our impact?

Visit us online:

**<https://instagrid.co/gb/impact>**

Or contact us:

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