



Commercial, off grid battery and solar energy systems case studied by Xerogrid

Xerogrid Ltd, Unit 1 Clayton Park, Clayton Wood Rise, Leeds, LS16 6RF
Co. Reg: 10679791 | VAT: GB270762694
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Introduction

This document outlines the typical ROIs a client can expect from a C&I storage system from Xerogrid Limited. The following scenarios are covered:

1. The storage system replaces a grid connection offer and solar PV is also installed alongside the storage system, with the generator used only for backup.
2. The storage system is installed in lieu of an upgraded grid connection, but with the existing connection still used instead of a backup generator.
3. The storage system is installed at a grid-connected site where solar PV has already been installed. The system will increase the self-consumption of the solar.

For each scenario, a simple rationale for the calculations is provided, as well as a 25-year breakdown of projected savings with and without inflation. Inflation is calculated at the long-term CPI inflation rate of 2.83% for diesel and electricity. A potential repair and part replacement cost, equating to 25% of the initial system spend, is included in Year 15.

A detailed explanation of the calculations behind the figures can be provided upon request. They include real-life degradation of the solar PV and batteries over the 25-year lifespan.

For ease of comparison, the following variables have been controlled for each example:

- The price of red diesel is at the current UK average of 76p/litre in Year 1.
- The price of electricity from the grid is 28p/kWh in Year 1 (except Scenario 3).
- The inflation rate is at the long-term CPI average of 2.83%.
- The special capital allowances first-year rate of 50% applies to all parts of the system where specified, with 6% rate for subsequent years.

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Scenario 1- Case Study Frowen Farm, South Wales



This scenario is a working example, installed by Xerogrid in June 2024. The client required a three-phase supply to a chicken shelter at his farm. The connection quotation from DNO was £82,000, with a queue time of at least 18 months before the work could commence.

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The system installed comprised of 157 kWh of high voltage storage capacity with 45 kWp of solar installed alongside, which was projected to generate 40,000 kWh in Year 1. The cost of this system to the client was £152,000.

A generator was used for backup whenever there would be insufficient solar generation. The battery system increased the efficiency of the generator, as it could run at close to full load for a shorter amount of time, compared to a generator alone which would need to run to at least its minimum level, regardless of the power demand at the time. The generator was purchased within the same time frame at a cost of £148,000.

However, despite these efficiencies, generator use would still be more expensive, at 76p/litre using red diesel, than electricity from a grid connection. Therefore, this represents a financial loss per year in the breakdown below.

Including inflation and capital allowances, the ROI presents as follows:

Year	New Generation	Consumption of solar saving	Consumption of Battery from Solar	Generator Use Costs	DNO Works Queue Costs	Grid Connection Quote	Equipment Spend	Total Benefit	Net Position
1	89,883.00	£12,583.62	£10,066.90	£60.07	£113,481.82	£82,000.00	£ 300,000.00	£218,072.27	£53,427.73
2	89,388.64	£12,868.57	£10,294.85	£75.66				£23,087.76	£28,732.57
3	88,897.01	£13,159.97	£10,527.97	£91.82				£23,596.12	£5,136.45
4	88,408.07	£13,457.97	£10,766.37	£108.57				£24,115.77	£20,399.62
5	87,921.83	£13,762.71	£11,010.17	£125.93				£24,646.95	£45,046.57
6	87,438.26	£14,074.36	£11,259.49	£143.92				£25,189.93	£70,236.50
7	86,957.35	£14,393.07	£11,514.45	£162.55				£25,744.97	£95,981.47
8	86,479.08	£14,718.99	£11,775.19	£181.86				£26,312.32	£122,293.79
9	86,003.45	£15,052.29	£12,041.83	£201.85				£26,892.27	£149,186.06
10	85,530.43	£15,393.14	£12,314.51	£222.57				£27,485.09	£176,671.15
11	85,060.01	£15,741.71	£12,593.37	£244.02				£28,091.06	£204,762.20
12	84,592.18	£16,098.17	£12,878.53	£266.23				£28,710.47	£233,472.68
13	84,126.92	£16,462.70	£13,170.16	£289.23				£29,343.63	£262,816.31
14	83,664.23	£16,835.49	£13,468.39	£313.05				£29,990.83	£292,807.14
15	83,204.07	£17,216.72	£13,773.37	£337.70			£ 75,000.00	£30,652.39	£248,459.52
16	82,746.45	£17,606.58	£14,085.26	£363.23				£31,328.61	£279,788.14
17	82,291.34	£18,005.27	£14,404.21	£389.65				£32,019.83	£311,807.97
18	81,838.74	£18,412.98	£14,730.39	£417.00				£32,726.38	£344,534.35
19	81,388.63	£18,829.93	£15,063.95	£445.30				£33,448.58	£377,982.93
20	80,940.99	£19,256.33	£15,405.06	£1,308.09				£33,353.29	£411,336.22
21	80,495.82	£19,692.37	£15,753.90	£2,257.88				£33,188.40	£444,524.62
22	80,053.09	£20,138.29	£16,110.64	£3,242.65				£33,006.28	£477,530.89
23	79,612.80	£20,594.31	£16,475.45	£4,263.56				£32,806.20	£510,337.10
24	79,174.93	£21,060.66	£16,604.18	£5,321.78				£32,343.06	£542,680.15
25	78,739.46	£21,537.56	£16,647.23	£6,418.53				£31,766.26	£574,446.42
Total	2,104,836.78	£416,953.75	£332,735.84	£27,252.70	£113,481.82	£82,000.00		£917,918.72	

Compared to a grid connection quote, the system is initially £70,000 more expensive. Nonetheless, the ROI on this remaining cost is only four years, for the following reasons:

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- The solar generation, consumed either directly or through the battery storage, accounts for around 74% of the client’s total electricity demand for the year.
- The site could not have waited for the 18 months lead time for the grid connection, as they would have had to rely solely on a generator at this time. A generator alone has an average efficiency of 11% and would have cost around £113,000 to supply the full load from this.
- When the solar is insufficient and the generator is required, it can run at 26% efficiency as opposed to 11% efficiency.

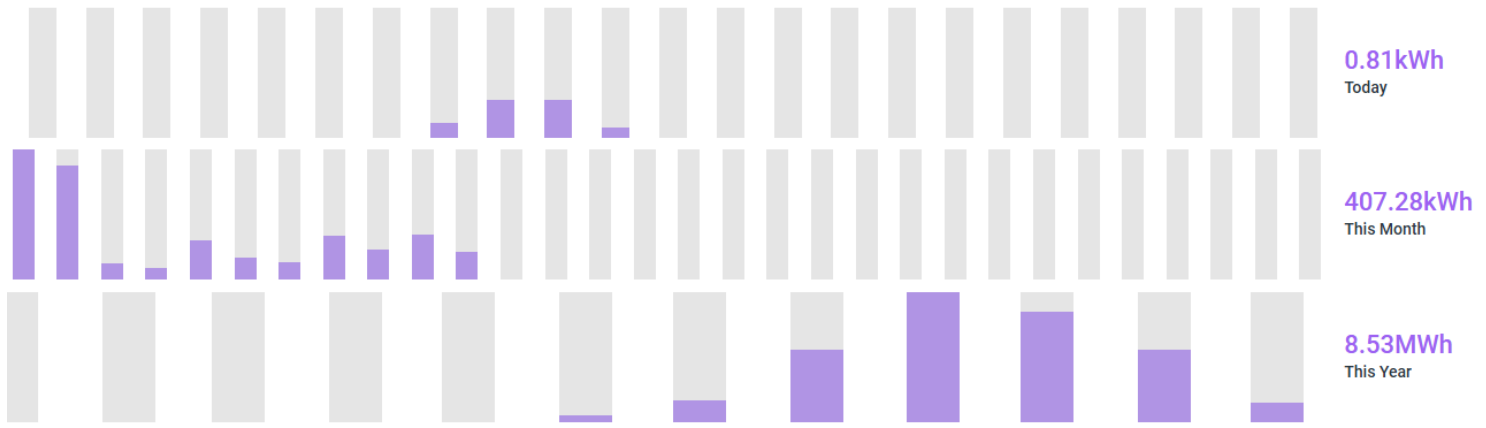
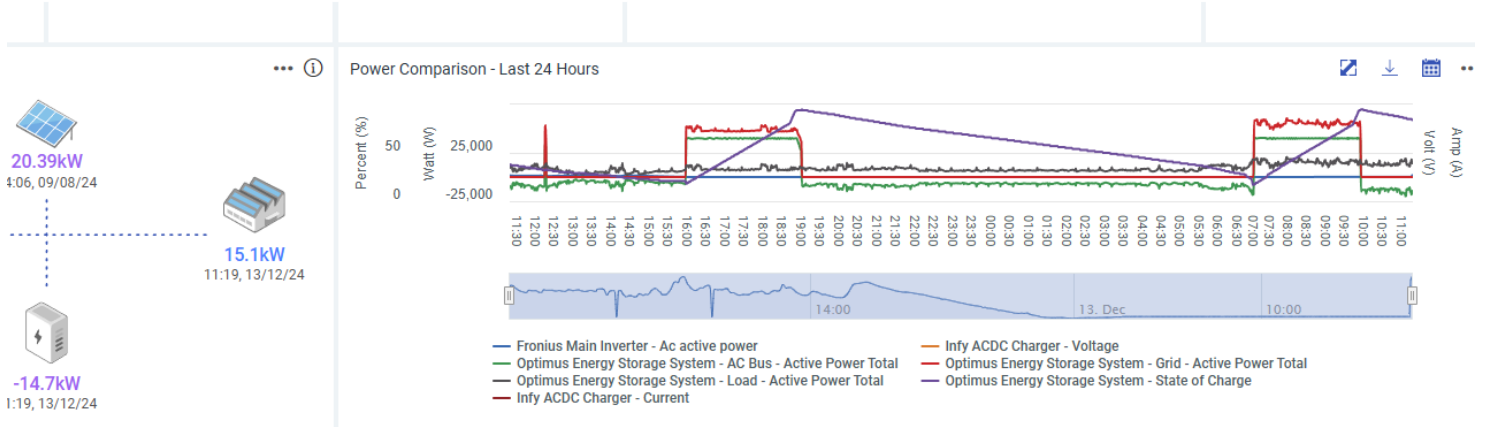
These factors lead to an ROI of four years and an overall net gain of around £574,000 over 25 years.

Without inflation or capital allowances, the ROI is increased only slightly, with modest reductions on 25-year outlook:

Year	New Generation	Consumption of solar saving	Consumption of Battery from Solar	Generator Use Costs	DNO Works Queue Costs	Grid Connection Quote	Equipment Spend	Total Benefit	Net Position
1	89,883.00	£12,583.62	£10,066.90	-£60.07	£113,481.82	£82,000.00	£ 300,000.00	£218,072.27	-£81,927.73
2	89,388.64	£12,514.41	£10,011.53	-£65.54				£22,460.40	-£59,467.33
3	88,897.01	£12,445.58	£9,956.46	-£70.99				£22,331.06	-£37,136.28
4	88,408.07	£12,377.13	£9,901.70	-£76.40				£22,202.43	-£14,933.84
5	87,921.83	£12,309.06	£9,847.24	-£81.79				£22,074.51	£7,140.67
6	87,438.26	£12,241.36	£9,793.08	-£87.15				£21,947.30	£29,087.96
7	86,957.35	£12,174.03	£9,739.22	-£92.47				£21,820.78	£50,908.74
8	86,479.08	£12,107.07	£9,685.66	-£97.77				£21,694.96	£72,603.70
9	86,003.45	£12,040.48	£9,632.39	-£103.04				£21,569.83	£94,173.53
10	85,530.43	£11,974.26	£9,579.41	-£108.28				£21,445.39	£115,618.92
11	85,060.01	£11,908.40	£9,526.72	-£113.49				£21,321.63	£136,940.55
12	84,592.18	£11,842.91	£9,474.32	-£118.67				£21,198.56	£158,139.11
13	84,126.92	£11,777.77	£9,422.22	-£123.82				£21,076.16	£179,215.27
14	83,664.23	£11,712.99	£9,370.39	-£128.95				£20,954.43	£200,169.71
15	83,204.07	£11,648.57	£9,318.86	-£134.05			£ 75,000.00	£20,833.38	£146,003.09
16	82,746.45	£11,584.50	£9,267.60	-£139.12				£20,712.99	£166,716.08
17	82,291.34	£11,520.79	£9,216.63	-£144.16				£20,593.26	£187,309.34
18	81,838.74	£11,457.42	£9,165.94	-£149.17				£20,474.19	£207,783.53
19	81,388.63	£11,394.41	£9,115.53	-£154.16				£20,355.78	£228,139.31
20	80,940.99	£11,331.74	£9,065.39	-£649.60				£19,747.53	£247,886.83
21	80,495.82	£11,269.41	£9,015.53	-£1,167.23				£19,117.72	£267,004.55
22	80,053.09	£11,207.43	£8,965.95	-£1,675.12				£18,498.26	£285,502.81
23	79,612.80	£11,145.79	£8,916.63	-£2,173.50				£17,888.92	£303,391.74
24	79,174.93	£11,084.49	£8,738.99	-£2,662.61				£17,160.88	£320,552.61
25	78,739.46	£11,023.53	£8,520.52	-£3,142.64				£16,401.40	£336,954.02
Total	2,104,836.78	£294,677.15	£235,314.82	-£13,519.77	£113,481.82	£82,000.00		£711,954.02	

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Scenario 2 - Case Study The Moody Cow, South Wales



This scenario is also a working example, installed by Xerogrid Limited in 2023. The client was expanding their campsite and hotel and needed a large upgrade to their supply for the new, additional loads. The upgrade quote was £150,000 and the projected new load was 730,000 kWh per year.

The solution was to install a 435-kWh battery system and 300 kWp of solar PV. The batteries could be charged from the solar or trickle charged from the existing grid connection but could supply the required additional power through the system. No electricity could be exported back to the grid as the grid-connected charger is unidirectional.

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The system was installed for £420,000 in total. The projected ROI with inflation and capital allowances is as follows:

Year	New Generation	Consumption of solar saving	Consumption of Battery from Solar	Off-peak charging saving	DNO Works Queue Costs	Grid Connection Quote	Equipment Spend	Total Benefit	Net Position
1	260,000.00	£36,400.00	£15,644.27	£0.00	£0.00	£150,000.00	£ 420,000.00	£202,044.27	-£178,055.74
2	258,570.00	£37,224.25	£15,684.82	£0.00				£52,909.08	-£122,896.30
3	257,147.87	£38,067.17	£15,725.49	£0.00				£53,792.66	-£69,103.64
4	255,733.55	£38,929.18	£15,766.25	£0.00				£54,695.43	-£12,419.79
5	254,327.02	£39,810.71	£15,807.13	£0.00				£55,617.83	£43,198.05
6	252,928.22	£40,712.19	£15,848.11	£0.00				£56,560.30	£99,758.35
7	251,537.11	£41,634.09	£15,889.19	£0.00				£57,523.29	£157,281.64
8	250,153.66	£42,576.87	£15,930.39	£0.00				£58,507.26	£215,788.90
9	248,777.81	£43,541.00	£15,971.69	£0.00				£59,512.68	£275,301.58
10	247,409.54	£44,526.95	£16,013.09	£0.00				£60,540.05	£335,841.63
11	246,048.78	£45,535.24	£16,054.61	£0.00				£61,589.85	£397,431.47
12	244,695.52	£46,566.35	£16,096.23	£0.00				£62,662.58	£460,094.05
13	243,349.69	£47,620.82	£16,137.96	£0.00				£63,758.78	£523,852.83
14	242,011.27	£48,699.16	£16,179.80	£0.00				£64,878.96	£588,731.79
15	240,680.20	£49,801.92	£16,221.74	£0.00			£ 105,000.00	£66,023.66	£549,755.45
16	239,356.46	£50,929.65	£16,263.80	£0.00				£67,193.45	£616,948.91
17	238,040.00	£52,082.92	£16,305.96	£0.00				£68,388.88	£685,337.79
18	236,730.78	£53,262.31	£16,348.23	£0.00				£69,610.54	£754,948.33
19	235,428.76	£54,468.40	£16,390.62	£0.00				£70,859.01	£825,807.35
20	234,133.91	£55,701.80	£16,433.11	£0.00				£72,134.91	£897,942.25
21	232,846.17	£56,963.13	£16,475.71	£0.00				£73,438.84	£971,381.10
22	231,565.52	£58,253.02	£16,518.43	£0.00				£74,771.45	£1,046,152.55
23	230,291.90	£59,572.13	£16,561.25	£0.00				£76,133.37	£1,122,285.92
24	229,025.30	£60,921.10	£16,604.18	£0.00				£77,525.28	£1,199,811.20
25	227,765.66	£62,300.62	£16,647.23	£0.00				£78,947.85	£1,278,759.05
Total	6,088,554.70	£1,206,101.00	£403,519.27	£0.00	£0.00	£150,000.00		£1,759,620.27	

There is no saving represented in comparison to a wait time for the DNO works here, even though this could mean an even greater saving. This is because the exact wait time was unknown, and a generator was not considered.

The client also had a flat rate at all times of the day, so there was no benefit to charging from an off-peak rate to use during peak times. However, this could be another opportunity to speed up the ROI for other customers.

The ROI on the £270,000 disparity between the DNO works and the battery system was still projected to be only 5 years, with a 25-year gain of £1,2778,000.

We have, as of 12th December finished re configuring and creating unique software that works with the grid ,solar and two generators , creating a truly flexible set of conditions , and maximum efficiency over the seasons.

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Without inflation or capital allowances, the ROI is still only 6 years:

Year	New Generation	Consumption of solar saving	Consumption of Battery from Solar	Off-peak charging saving	DNO Works Queue Costs	Grid Connection Quote	Equipment Spend	Total Benefit	Net Position
1	260,000.00	£36,400.00	£15,644.27	£0.00	£0.00	£150,000.00	£ 420,000.00	£202,044.27	-£217,955.74
2	258,570.00	£36,199.80	£15,253.16	£0.00				£51,452.96	-£166,502.78
3	257,147.87	£36,000.70	£14,871.83	£0.00				£50,872.53	-£115,630.25
4	255,733.55	£35,802.70	£14,500.03	£0.00				£50,302.73	-£65,327.52
5	254,327.02	£35,605.78	£14,137.53	£0.00				£49,743.32	-£15,584.20
6	252,928.22	£35,409.95	£13,784.09	£0.00				£49,194.05	£33,609.85
7	251,537.11	£35,215.20	£13,439.49	£0.00				£48,654.69	£82,264.53
8	250,153.66	£35,021.51	£13,103.50	£0.00				£48,125.02	£130,389.55
9	248,777.81	£34,828.89	£12,775.92	£0.00				£47,604.81	£177,994.36
10	247,409.54	£34,637.34	£12,456.52	£0.00				£47,093.85	£225,088.22
11	246,048.78	£34,446.83	£12,145.11	£0.00				£46,591.94	£271,680.15
12	244,695.52	£34,257.37	£11,841.48	£0.00				£46,098.85	£317,779.00
13	243,349.69	£34,068.96	£11,545.44	£0.00				£45,614.40	£363,393.40
14	242,011.27	£33,881.58	£11,256.81	£0.00				£45,138.38	£408,531.78
15	240,680.20	£33,695.23	£10,975.39	£0.00			£ 105,000.00	£44,670.61	£348,202.40
16	239,356.46	£33,509.90	£10,701.00	£0.00				£44,210.91	£392,413.30
17	238,040.00	£33,325.60	£10,433.48	£0.00				£43,759.08	£436,172.38
18	236,730.78	£33,142.31	£10,172.64	£0.00				£43,314.95	£479,487.33
19	235,428.76	£32,960.03	£9,918.32	£0.00				£42,878.35	£522,365.68
20	234,133.91	£32,778.75	£9,670.36	£0.00				£42,449.11	£564,814.79
21	232,846.17	£32,598.46	£9,428.61	£0.00				£42,027.07	£606,841.86
22	231,565.52	£32,419.17	£9,192.89	£0.00				£41,612.06	£648,453.92
23	230,291.90	£32,240.87	£8,963.07	£0.00				£41,203.94	£689,657.86
24	229,025.30	£32,063.54	£8,738.99	£0.00				£40,802.53	£730,460.39
25	227,765.66	£31,887.19	£8,520.52	£0.00				£40,407.71	£770,868.10
Total	6,088,554.70	£852,397.66	£293,470.44	£0.00	£0.00	£150,000.00		£1,295,868.10	

Search Programs... Type: All Status: All

Running Export Limit Load Tracking - Storage and... ✕

- Export Limit: 0
- Maximum Charge Power Limit Of Storage: 100000
- Storage SOC Upper Limit: 90.000000

Running V8 Moody Cow Battery Charge Control ✕

- Active Power SP Gen 1: 60000
- Active Power SP Gen 2: 200000
- Load Threshold Gen 1: 120000
- Load Threshold Gen 2: 300000
- Max Discharge When On Solar: 50000
- Storage lower threshold: 20.000000
- Storage upper threshold: 95.000000

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Scenario 3 -Case Study is a wedding venue in Darlington (TBC)

This scenario is a prospective project for Xerogrid Limited. The site has two import MPANs, each with 68.2 kWp of solar installed on them. The consumption across each MPAN is close to equal, at 188,000 kWh per year. They pay a peak rate of 29p per kWh and have an off-peak rate of 23p/kWh, which is available only when the building is closed. They currently export their excess generation at 5 per kWh.

A 200-kWh storage system will be installed onto each MPAN, with 400 kWh of total capacity. The system is not being used to replace a grid connection offer and no generator has been considered.

With inflation and capital allowances, the ROI is projected as follows:

Year	New Generation	Consumption of solar saving	Consumption of Battery from Solar	Off-peak charging saving	DNO Works Queue Costs	Grid Connection Quote	Export	Equipment Spend	Total Benefit	Net Position
1	0.00	£0.00	£14,344.80	£7,815.60	£0.00	£0.00	£-1,935.00	£ 244,500.00	£20,225.40	£-201,047.10
2	0.00	£0.00	£14,669.63	£7,835.86			£-1,924.36		£20,581.13	£-179,155.94
3	0.00	£0.00	£15,001.81	£7,856.18			£-1,913.77		£20,944.22	£-158,211.72
4	0.00	£0.00	£15,341.52	£7,876.54			£-1,903.25		£21,314.81	£-135,739.36
5	0.00	£0.00	£15,688.92	£7,896.96			£-1,892.78		£21,693.10	£-114,046.26
6	0.00	£0.00	£16,044.18	£7,917.44			£-1,882.37		£22,079.25	£-91,967.01
7	0.00	£0.00	£16,407.49	£7,937.96			£-1,872.02		£22,473.44	£-69,493.57
8	0.00	£0.00	£16,779.03	£7,958.54			£-1,861.72		£22,875.85	£-46,617.72
9	0.00	£0.00	£17,158.98	£7,979.17			£-1,851.48		£23,286.67	£-23,331.05
10	0.00	£0.00	£17,547.53	£7,999.86			£-1,841.30		£23,706.10	£375.05
11	0.00	£0.00	£17,944.89	£8,020.60			£-1,831.17		£24,134.32	£24,509.37
12	0.00	£0.00	£18,351.24	£8,041.39			£-1,821.10		£24,571.53	£49,080.90
13	0.00	£0.00	£18,766.79	£8,062.24			£-1,811.08		£25,017.95	£74,098.84
14	0.00	£0.00	£19,191.75	£8,083.14			£-1,801.12		£25,473.77	£99,572.61
15	0.00	£0.00	£19,626.34	£8,104.10			£-1,791.22	£ 61,125.00	£25,939.22	£64,386.83
16	0.00	£0.00	£20,070.76	£8,125.11			£-1,781.36		£26,414.50	£90,801.34
17	0.00	£0.00	£20,525.25	£8,146.17			£-1,771.57		£26,899.86	£117,701.19
18	0.00	£0.00	£20,990.03	£8,167.29			£-1,761.82		£27,395.50	£145,096.69
19	0.00	£0.00	£21,465.34	£8,188.46			£-1,752.13		£27,901.67	£172,998.36
20	0.00	£0.00	£21,951.41	£8,209.69			£-1,742.50		£28,418.60	£201,416.96
21	0.00	£0.00	£22,448.48	£8,230.98			£-1,732.91		£28,946.54	£230,363.50
22	0.00	£0.00	£22,956.81	£8,252.32			£-1,723.38		£29,485.75	£259,849.25
23	0.00	£0.00	£23,476.65	£8,273.71			£-1,713.90		£30,036.46	£289,885.71
24	0.00	£0.00	£24,008.27	£8,295.16			£-1,704.48		£30,598.95	£320,484.66
25	0.00	£0.00	£24,551.92	£8,316.66			£-1,695.10		£31,173.48	£351,658.14
Total	0.00	£0.00	£475,309.82	£201,591.14	£0.00	£0.00	£-45,312.90		£631,588.07	

There is no new solar, and the existing solar does not count towards the ROI because it is not included in the purchase price. There are, however, additional savings from charging up the spare battery capacity when the solar is insufficient for the loads during the winter months.

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Export payments are reduced from 40% of generation to 10% of generation as there is higher self-consumption of the solar, hence the loss represented in this column.

Without inflation or capital allowances, the ROI is as follows:

Year	New Generation	Consumption of solar saving	Consumption of Battery from Solar	Off-peak charging saving	DNO Works Queue Costs	Grid Connection Quote	Export	Equipment Spend	Total Benefit	Net Position
1	0.00	£0.00	£14,344.80	£7,815.60	£0.00	£0.00	£-1,935.00	£ 244,500.00	£20,225.40	£-224,274.60
2	0.00	£0.00	£14,265.90	£7,620.21			£-1,924.36		£19,961.76	£-204,312.84
3	0.00	£0.00	£14,187.44	£7,429.70			£-1,913.77		£19,703.37	£-184,609.47
4	0.00	£0.00	£14,109.41	£7,243.96			£-1,903.25		£19,450.12	£-165,159.35
5	0.00	£0.00	£14,031.81	£7,062.86			£-1,892.78		£19,201.89	£-145,957.46
6	0.00	£0.00	£13,954.63	£6,886.29			£-1,882.37		£18,958.56	£-126,998.90
7	0.00	£0.00	£13,877.88	£6,714.13			£-1,872.02		£18,720.00	£-108,278.90
8	0.00	£0.00	£13,801.55	£6,546.28			£-1,861.72		£18,486.12	£-89,792.78
9	0.00	£0.00	£13,725.65	£6,382.62			£-1,851.48		£18,256.79	£-71,536.00
10	0.00	£0.00	£13,650.16	£6,223.06			£-1,841.30		£18,031.92	£-53,504.08
11	0.00	£0.00	£13,575.08	£6,067.48			£-1,831.17		£17,811.39	£-35,692.69
12	0.00	£0.00	£13,500.42	£5,915.79			£-1,821.10		£17,595.11	£-18,097.58
13	0.00	£0.00	£13,426.16	£5,767.90			£-1,811.08		£17,382.98	£-714.60
14	0.00	£0.00	£13,352.32	£5,623.70			£-1,801.12		£17,174.90	£16,460.30
15	0.00	£0.00	£13,278.88	£5,483.11			£-1,791.22	£ 61,125.00	£16,970.78	£-27,693.92
16	0.00	£0.00	£13,205.85	£5,346.03			£-1,781.36		£16,770.52	£-10,923.41
17	0.00	£0.00	£13,133.22	£5,212.38			£-1,771.57		£16,574.03	£5,650.63
18	0.00	£0.00	£13,060.98	£5,082.07			£-1,761.82		£16,381.23	£22,031.86
19	0.00	£0.00	£12,989.15	£4,955.02			£-1,752.13		£16,192.03	£38,223.89
20	0.00	£0.00	£12,917.71	£4,831.14			£-1,742.50		£16,006.36	£54,230.25
21	0.00	£0.00	£12,846.66	£4,710.37			£-1,732.91		£15,824.11	£70,054.36
22	0.00	£0.00	£12,776.00	£4,592.61			£-1,723.38		£15,645.23	£85,699.59
23	0.00	£0.00	£12,705.74	£4,477.79			£-1,713.90		£15,469.62	£101,169.21
24	0.00	£0.00	£12,635.85	£4,365.85			£-1,704.48		£15,297.22	£116,466.44
25	0.00	£0.00	£12,566.36	£4,256.70			£-1,695.10		£15,127.96	£131,594.39
Total	0.00	£0.00	£335,919.61	£146,612.68	£0.00	£0.00	£-45,312.90		£437,219.39	

Sustainable ROI is reached by Year 17, after reaching brief parity in Year 14. This is due to projected repair and replacement costs around Year 15. They are not guaranteed to be at this exact time or cost.

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Conclusions

A C&I storage system is costly and is generally more expensive than a grid connection. However, it can still provide an impressive ROI.

The investment is most attractive when there is a dichotomy between an expensive grid connection or battery storage, especially when solar is added at the same time. Nonetheless, it can still be highly worthwhile for a grid-connected system with existing solar.

There are other attractions, such as more efficient tax relief, energy independence, speed of getting powered up, decarbonisation and meeting net zero targets, increasing marketing USP and competitiveness, increased sales pipelines through supply chains, innovative and sustainable business growth and scaling up, contributing to social value, accessibility to green finance, grants and investment.

For interested parties, we offer a site visit to the Moody Cow in Boargoed , Wales.

We can offer accommodation at the “Mootel” and The Moody Cow Bistro , with a full and detailed demonstration of the whole site , the successes , challenges and the chance to see a real working example , being fully controlled by UK software for function and security.

We look forward to discussing further.

Ian Emberton

Director

Xerogrid.

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